

Mutations in NCI-H460

NCIH460_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
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	AM28_uc011laa...	
ADAM29	p.G60S	4	175896854	175896854	37	issense_Mutati	SNP	G	A		uc003iuc.2	AM29_uc003iu...	view
AKAP12	p.L1531_1532ins	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	AP12_uc003qoe...	
AKAP9	p.L1335_1336ins	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	AKAP9_uc003ule...	
ALPK2	p.EDTST1006del	18	56204388	56204402	37	In_Frame_Del	Del	CAGTT...	-	rs44017;rs11762	uc002lhj.3	LPK2_uc002lhk...	
ARID1A	p.LI2134del	1	27106789	27106794	37	In_Frame_Del	Del	CTGAT...	-		uc001bmv.1	ID1A_uc001bmu...	
BRD3		9	136901535	136901535	37	Intron	SNP	G	T		uc004cew.2	BRD3_uc004cex.2	view
C15ORF2	p.P573T	15	24922731	24922731	37	issense_Mutati	SNP	C	A		uc001ywo.2		view
C15ORF55	p.P362Q	15	34646656	34646656	37	issense_Mutati	SNP	C	A		uc010ucc.1	C15orf55_uc010u...	view
CARD10	p.KE272del	22	37906309	37906314	37	In_Frame_Del	Del	CTCCT...	-		uc003asx.1	CARD10_uc003ast...	
CASP4		11	104820126	104820126	37	Intron	SNP	C	G		uc001pid.1	CASP4_uc001pib...	view
CDH2		18	25532034	25532034	37	3'UTR	SNP	T	G		uc002kgw.2	CDH2_uc010xbn...	view
CDK11B		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	CDK11B_uc001aha...	
CEP110	p.Q1000K	9	123906307	123906307	37	issense_Mutati	SNP	C	A		uc004bkx.1	CEP110_uc004bk...	view
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	CLTCL1_uc011agv...	
COL14A1	p.P1467S	8	121313055	121313055	37	issense_Mutati	SNP	C	T		uc003yox.2	COL14A1_uc003y...	view
CREB3L2	p.T100del	7	137612914	137612916	37	In_Frame_Del	Del	TGG	-		uc003vtw.2	CREB3L2_uc003vt...	
CSNK2A1	p.P295fs	20	468160	468160	37	In_Frame_Shift_De	Del	G	-		uc002wdw.1	CSNK2A1_uc002wd...	
CYB5R4	p.S119A	6	84618752	84618752	37	issense_Mutati	SNP	T	G		uc003pkf.2		view
DGKB	p.G675R	7	14378242	14378242	37	issense_Mutati	SNP	C	T		uc003ssz.2	DGKB_uc011jxt.1	view
DIP2C	p.R78L	10	518413	518414	37	issense_Mutati	DNP	CC	AA		uc001ifp.2	DIP2C_uc009xhk...	
DNAH8	p.I1074F	6	38793955	38793955	37	issense_Mutati	SNP	A	T		uc003oee.1		view
EIF3A	p.T295R	10	120829024	120829024	37	issense_Mutati	SNP	G	C		uc001idu.2	EIF3A_uc010qsu...	view
EIF4B	p.R246C	12	53421634	53421634	37	issense_Mutati	SNP	C	T		uc010snu.1	EIF4B_uc009zmp...	view
EP300		22	41574970	41574972	37	3'UTR	Del	GTA	-	rs76489032	uc003azl.3		
EPHA7	p.P897fs	6	93956546	93956546	37	In_Frame_Shift_De	Del	G	-		uc003poe.2	EPHA7_uc003pof...	
FGFR10P		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	FGFR6_uc003qvl.2...	
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	FLI1_uc010sbt.1...	
FMN2	p.L690Q	1	240370169	240370169	37	issense_Mutati	SNP	T	A		uc010pye.1	FMN2_uc010pyd...	view
FN1		2	216244182	216244185	37	Intron	Del	GTAC	-		uc002vfa.2	FN1_uc002vfb.2...	
GAS7	p.P138T	17	9873053	9873053	37	issense_Mutati	SNP	G	T		uc002gmg.1	GAS7_uc010vvd.1	view
GPR112	p.V2324A	X	135439906	135439906	37	issense_Mutati	SNP	T	C		uc004ezu.1	GPR112_uc010nsl...	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	RIA3_uc004etr....	
GRIN2A	p.N1436S	16	9857094	9857094	37	issense_Mutati	SNP	T	C	rs77029288	uc002czo.3	IN2A_uc010uyr	view
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	rs525754;rs3083	uc001rcd.1	JCY2C_uc009zhz...	
HECW1	p.V120F	7	43360239	43360239	37	issense_Mutati	SNP	G	T		uc003tid.1	ECW1_uc011kbi	view
HNF1A		12	121434630	121434631	37	Intron	Ins	-	TCATTCAT	rs75100977	uc010szn.1	HNF1A_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_...	
ITGB6	p.G56V	2	161052906	161052906	37	issense_Mutati	SNP	C	A		uc002ubh.2	GB6_uc010fow	view
JAG1	p.F396Y	20	10630942	10630942	37	issense_Mutati	SNP	A	T		uc002wnw.2	JG1_uc010gcd.1	view
KDR	p.G1304C	4	55946269	55946269	37	issense_Mutati	SNP	C	A		uc003has.2	KDR_uc003hat.1	view
KLK7		19	51480672	51480675	37	3'UTR	Del	GGTT	-		uc002puo.2	KLK7_uc002pup.2...	
KRAS	p.Q61H	12	25380275	25380275	37	issense_Mutati	SNP	T	A	rs17851045	uc001rgp.1	KRAS_uc001rgq.1	view
LDHA	p.V80G	11	18421003	18421003	37	issense_Mutati	SNP	T	G		uc010rdd.1	HA_uc001mok.	view
LRP2	p.I1876V	2	170076986	170076986	37	issense_Mutati	SNP	T	C		uc002ues.2		view
MAML2	504_607QQQQ;	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....	
MAP2K1	p.Y134C	15	66729193	66729193	37	issense_Mutati	SNP	A	G		uc010bhq.2	MAP2K1_uc010uj	view
MAP3K1	p.T949del	5	56177849	56177851	37	In_Frame_Del	Del	CAA	-		uc003jqw.3		
MAP3K14	p.R218_splice	17	43364293	43364294	37	Splice_Site_Ins	Ins	-	G	rs66766023	uc002iiv.1	MAP3K14_uc010da...	
MAP3K4	p.A1199del	6	161519351	161519353	37	In_Frame_Del	Del	CTG	-		uc003qtn.2	MAP3K4_uc010kcc...	
MCM3APAS		21	47671275	47671276	37	3'UTR	Ins	-	AAT	rs67797185	uc002zin.2	M3APAS_uc002z...	
MEF2A	p.P435del	15	100252742	100252744	37	In_Frame_Del	Del	GCC	-		uc010urw.1	MEF2A_uc010urv....	
MMP2	p.A408T	16	55525754	55525754	37	issense_Mutati	SNP	G	A		uc002ehz.3	MMP2_uc010vhd.	view
MYH11		16	15808707	15808707	37	Intron	SNP	C	T		uc002ddx.2	MYH11_uc002ddx...	view
MYH11	p.D764E	16	15841567	15841567	37	issense_Mutati	SNP	G	T		uc002ddx.2	MYH11_uc002ddx...	view
NBN	p.G224A	8	90983432	90983432	37	issense_Mutati	SNP	C	G		uc003yej.1	NBN_uc003yei.1	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....	
NCOA3	p.Q1276del	20	46279837	46279839	37	In_Frame_Del	Del	CAG	-	rs2664555	uc002xtk.2	NCOA3_uc010ght....	
NEK3	p.K313_splice	13	52718050	52718051	37	Splice_Site_Ins	Ins	-	T	rs72514762	uc001vgh.2	NEK3_uc001vvg.2...	
NIN	p.L351S	14	51238116	51238116	37	issense_Mutati	SNP	A	G		uc001wyi.2	NIN_uc001wyj.2	view
NPM1		5	170837734	170837734	37	3'UTR	Del	T	-		uc011dex.1	NPM1_uc003mbi.2...	
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	rs783852;rs11235	uc010enw.2	NR1H2_uc002prv....	
NR2F1		5	92929582	92929582	37	3'UTR	Del	A	-		uc003kkj.2		
NUP210	p.E224D	3	13429815	13429815	37	issense_Mutati	SNP	C	A		uc003bxv.1		view
PDE4DIP	p.Q1665fs	1	144873963	144873963	37	In_Frame_Shift_De	Del	T	-		uc001elw.3	PDE4DIP_uc009wir...	
PIK3CA	p.E545K	3	178936091	178936091	37	issense_Mutati	SNP	G	A	rs104886003	uc003fjk.2		view

PRKCG	p.E561*	19	54407913	54407913	37	nsense_Mutati	SNP	G	T		uc010yeg.1	KCG_uc002qcq	view
PRKD3		2	37480319	37480320	37	stop_Codon_In	Ins	-	T	rs79875666	uc002rqd.2		
PRKDC	p.L1244fs	8	48805816	48805817	37	Frame_Shift_In	Ins	-	G	rs67588121	uc003xqi.2	PRKDC_uc003xqi...	
PSKH2	p.R366M	8	87060752	87060752	37	nsense_Mutati	SNP	C	A		uc011lfy.1		view
PTK2	p.I1005T	8	141669776	141669776	37	nsense_Mutati	SNP	A	G		uc003yvt.2	TK2_uc011lp.1	view
RAD21	p.D118V	8	117874101	117874101	37	nsense_Mutati	SNP	T	A		uc003yod.2		view
ROBO2	p.P368H	3	77600000	77600000	37	nsense_Mutati	SNP	C	A		uc003dpz.2	ROBO2_uc003dpy	view
ROCK2	p.D854V	2	11342236	11342236	37	nsense_Mutati	SNP	T	A		uc002rbd.1		view
RPTOR	p.D451E	17	78829302	78829302	37	nsense_Mutati	SNP	C	A		uc002jyt.1	RPTOR_uc010wuf	view
SMURF2	p.N567fs	17	62551021	62551022	37	Frame_Shift_In	Ins	-	T		uc002jep.1	SMURF2_uc002jeq...	
SPEG		2	220315838	220315838	37	Intron	SNP	G	A		uc010fwg.2	SPEG_uc002vln.2	view
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sws.3	STK31_uc003swt....	
TEC		4	48139307	48139310	37	3'UTR	Del	TTAT	-	rs79098351	uc003gxz.2		
TIAM1	p.G1283fs	21	32508286	32508286	37	Frame_Shift_De	Del	C	-		uc002yow.1	TIAM1_uc011adk....	
TMEM123		11	102269398	102269398	37	3'UTR	Del	G	-		uc001pha.2	TMEM123_uc009yx...	
TNFAIP3	p.R136C	6	138196092	138196092	37	nsense_Mutati	SNP	C	T		uc003qhr.2	TNFAIP3_uc003ql	view
TRIM33		1	114940212	114940212	37	3'UTR	Del	T	-		uc001eew.2	TRIM33_uc010owr...	
TRPM7	p.T860M	15	50901779	50901779	37	nsense_Mutati	SNP	G	A		uc001zyt.3	TRPM7_uc010bew	view
TRPS1		8	116635872	116635873	37	5'UTR	Ins	-	A	rs76893349	uc003yny.2	TRPS1_uc011lhy....	
TSSK2	p.R237H	22	19119622	19119622	37	nsense_Mutati	SNP	G	A		uc002zow.2	TSSK2_uc002zo	view
TTN		2	179391639	179391640	37	3'UTR	Ins	-	T	rs36037175	uc010zfg.1	TTN_uc010zfh.1_...	
TTN	p.A29874G	2	179407158	179407158	37	nsense_Mutati	SNP	G	C		uc010zfg.1	TTN_uc010zfh.1_	view
TTN	p.A21775T	2	179437832	179437832	37	nsense_Mutati	SNP	C	T	rs72646895	uc010zfg.1	TTN_uc010zfh.1_	view
VEGFC	p.S419_splice	4	177605082	177605084	37	Splice_Site_De	Del	TCA	-		uc003ius.1		
WEE2		7	141430290	141430290	37	3'UTR	SNP	C	T		uc003vwn.2	WEE2_uc011k	view
ZNF217	p.A699fs	20	52193208	52193208	37	Frame_Shift_De	Del	C	-		uc002xwq.3	ZNF217_uc010gjj...	

