Mutations in FTC-238

FTC238_THYROID

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
ABCC3		17	48741295	48741295	37	Intron	SNP	T	C		uc002isl.2	BCC3_uc002isk.	view
ABCC4	p.E1093E	13	95715045	95715045	37	Silent	SNP	T	C		uc001vmd.3	BCC4_uc010afj.	view
ABL2	p.Q696H	1	179078314	179078314	37	issense_Mutati	SNP	C	G		uc001gmj.3	BL2_uc010pnf.1	view
ACVR1B		12	52381083	52381083	37	Intron	SNP	C	T		uc010snn.1	CVR1B_uc001rz	view
ADAM12	p.R612L	10	127737913	127737913	37	issense_Mutati	SNP	C	A		uc001ljk.2	AM12_uc010qu	view
ADAM18		8	39468324	39468324	37	Intron	SNP	T	C		uc003xni.2	AM18_uc003xn	view
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	AM28_uc011laa...	
ADCK2		7	140394679	140394679	37	3'UTR	SNP	C	T		uc003vvy.1	DCK2_uc003vvz	view
AKAP6	p.R1876C	14	33292645	33292645	37	issense_Mutati	SNP	C	T		uc001wrq.2		view
AKT2		19	40739758	40739758	37	3'UTR	SNP	T	C		uc002onf.2	KT2_uc010egs.2	view
ALS2		2	202625515	202625515	37	Intron	SNP	C	A		uc002uyo.2	S2_uc002uyp.3	view
ANAPC5	p.E452D	12	121764983	121764983	37	issense_Mutati	SNP	C	A		uc001uag.2	IAPC5_uc010sz	view
ARID1A	p.Q425R	1	27056278	27056278	37	issense_Mutati	SNP	A	G		uc001bmv.1	ID1A_uc001bm	view
ARID1A		1	27107263	27107264	37	3'UTR	Ins	-	C	rs3841356	uc001bmv.1	ID1A_uc001bmu...	
ATRX	p.E63K	X	76954064	76954064	37	issense_Mutati	SNP	C	T		uc004ecp.3	TRX_uc004ecq.3	view
BAI1	p.A600D	8	143561126	143561126	37	issense_Mutati	SNP	C	A		uc003ywm.2		view
BAI3	p.N159S	6	69349043	69349043	37	issense_Mutati	SNP	A	G		uc003pev.3	AI3_uc010kak.2	view
BAX		19	49464508	49464508	37	3'UTR	Del	T	-		uc002plf.1	AX_uc002plg.1_...	
BCL9	p.P388R	1	147091124	147091124	37	issense_Mutati	SNP	C	G		uc001epq.2	CL9_uc010ozr.1	view
BMP2K		4	79833218	79833218	37	3'UTR	SNP	C	A		uc003hlk.2	.QR3_uc003hlm	view
BMP4		14	54416602	54416602	37	3'UTR	Del	T	-	rs76335800	uc001xal.3	MP4_uc010aoh.2...	
BRAF		7	140434294	140434295	37	3'UTR	Ins	-	A		uc003vwc.3		
BRCA1	p.Q780R	17	41245208	41245209	37	issense_Mutati	DNP	CT	AC	rs80357515	uc002ict.2	CA1_uc010whp....	
CACNA1F	p.815_815E>EE	X	49076224	49076225	37	In_Frame_Ins	Ins	-	TCC		uc004dnb.2	.CNA1F_uc010ni...	
CARD11		7	2946269	2946269	37	3'UTR	SNP	G	A		uc003smv.2		view
CCNT1	p.S549G	12	49087352	49087352	37	issense_Mutati	SNP	T	C		uc001rse.1	C144438_uc00:	view
CDH1	p.I600T	16	68855991	68855991	37	issense_Mutati	SNP	T	C		uc002ewg.1	DH1_uc010vlj.1	view
CDH3		16	68732390	68732390	37	3'UTR	SNP	G	C		uc002ewf.2	DH3_uc010vli.1	view
CDK11B		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	K11B_uc001aha...	
CDKN1A	p.P58T	6	36651948	36651948	37	issense_Mutati	SNP	C	A		uc011dtq.1	KN1A_uc003on	view
CHD8	p.S2135fs	14	21854277	21854278	37	Frame_Shift_De	Del	CT	-		uc001was.1	ID8_uc001war.1...	
CHD9	p.D693V	16	53261342	53261342	37	issense_Mutati	SNP	A	T		uc002ehb.2	ID9_uc002egy.2	view
CHD9	.2164_2165SS>	16	53338410	53338412	37	In_Frame_Del	Del	TTC	-		uc002ehb.2	ID9_uc002egy.2...	

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CHD9	p.T2274A	16	53341632	53341632	37	issense_Mutati	SNP	A	G		uc002ehb.2	HD9_uc002egy.2	view
CLK2	p.S14N	1	155240728	155240728	37	issense_Mutati	SNP	C	T		uc001fjy.2	G1AP1_uc010p	view
CLP1	p.H315R	11	57428574	57428574	37	issense_Mutati	SNP	A	G		uc001nkw.2	LP1_uc010rjw.1	view
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	TCL1_uc011agv...	
CREB3L2		7	137565206	137565206	37	3'UTR	SNP	G	T		uc003vtw.2	REB3L2_uc003v	view
CSMD3	p.Y516C	8	113933942	113933942	37	issense_Mutati	SNP	T	C		uc003ynu.2	MD3_uc003ynt	view
CSNK1G3		5	122950254	122950255	37	3'UTR	Ins	-	T	rs117378469	uc003ktl.2	NK1G3_uc003kt...	
CTDSPL		3	38022380	38022380	37	3'UTR	SNP	C	T		uc003chg.2	DSPL_uc003chl	view
DBN1	p.P419H	5	176885585	176885585	37	issense_Mutati	SNP	G	T		uc003mgx.2	BN1_uc011dga.1	view
DIP2C	p.R1530H	10	323347	323347	37	issense_Mutati	SNP	C	T		uc001ifp.2		view
DST		6	56480217	56480217	37	Intron	SNP	A	C		uc003pdf.2	ST_uc003pcz.3_	view
DUSP6		12	89742982	89742982	37	3'UTR	SNP	A	G		uc001tay.2	USP6_uc001taz	view
EDN1		6	12290729	12290729	37	5'UTR	Del	A	-		uc003nae.3	DN1_uc010jpb.2...	
EML4	p.V588I	2	42530364	42530364	37	issense_Mutati	SNP	G	A		uc002rsi.2	ML4_uc010fap.2	view
ERBB2	p.A830V	17	37881160	37881160	37	issense_Mutati	SNP	C	T		uc002hso.2	BB2_uc002hsm	view
ERCC6		10	50708758	50708758	37	Intron	SNP	C	G		uc001jhs.3	RCC6_uc010qgr	view
ETV1		7	14028708	14028708	37	5'UTR	Del	A	-	rs77190713	uc011jxq.1	TV1_uc011jxn.1...	
EWSR1		22	29687480	29687481	37	Intron	Ins	-	C	rs66871950	uc003aev.2	VSR1_uc003aet...	
EXT1		8	118811807	118811807	37	3'UTR	Del	T	-		uc003yok.1		
FANCM		14	45669255	45669255	37	3'UTR	SNP	T	G		uc001wwd.3	NCM_uc010anf	view
FGFR3		4	1809128	1809129	37	3'UTR	Del	GT	-		uc003gdu.2	GFR3_uc003gdr...	
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	LI1_uc010sbt.1...	
FLNC	p.G2644E	7	128498212	128498212	37	issense_Mutati	SNP	G	A		uc003vnz.3	NC_uc003voa.3	view
FLT4		5	180035183	180035185	37	Intron	Del	AGT	-		uc003mlz.3	T4_uc003mma.3...	
FN1		2	216244182	216244185	37	Intron	Del	GTAC	-		uc002vfa.2	N1_uc002vfb.2_...	
FRS2	p.I24T	12	69964115	69964115	37	issense_Mutati	SNP	T	C		uc001suy.2	RS2_uc001suz.2	view
GLI3	p.S664L	7	42012048	42012048	37	issense_Mutati	SNP	G	A		uc011kbh.1	LI3_uc011kbg.1	view
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	RIA3_uc004etr...	
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	2525754;rs3083	uc001rcd.2	JCY2C_uc009zhz...	
HIF1A		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xfs.2	IF1A_uc001xfq...	
HOXA13		7	27237762	27237762	37	3'UTR	SNP	G	A		uc003szb.1		view
HSP90B1		12	104341645	104341648	37	3'UTR	Del	ACTG	-	rs2307842	uc001tkb.1	P90B1_uc010sw...	
IGFBP5		2	217541461	217541461	37	3'UTR	Del	G	-		uc002vgj.3		
ILK		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	K_uc001mef.2_...	
INSR	p.K1278T	19	7117383	7117383	37	issense_Mutati	SNP	T	G		uc002mgd.1	SR_uc002mge.1	view
IRAK3	p.M501I	12	66641663	66641663	37	issense_Mutati	SNP	G	A		uc001sth.2	AK3_uc010ssy.	view
ITPR1	p.F1061L	3	4725116	4725116	37	issense_Mutati	SNP	T	C		uc003bqa.2	PR1_uc010hca.	view
ITPR2	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	696203;rs59195	uc001rhg.2		

Gene	Protein	Chr	Start	End	Build	Variant_Type	SNP	Ref	Alt	dbSNP	UCSC	Extra	
KDM6A	p.K188N	X	44879975	44879975	37	issense_Mutati	SNP	G	C		uc011mkz.1	M6A_uc010nhl	view
KIAA1409	p.L2268I	14	94156527	94156527	37	issense_Mutati	SNP	C	A		uc001ybv.1	AA1409_uc001y	view
KIAA1804	p.R553Q	1	233507889	233507889	37	issense_Mutati	SNP	G	A		uc001hvt.3	AA1804_uc001h	view
KLF6		10	3821635	3821635	37	3'UTR	SNP	G	C	rs56987769	uc001iha.2	LF6_uc010qaj.1	view
KLK7		19	51480672	51480675	37	3'UTR	Del	GGTT	-		uc002puo.2	K7_uc002pup.2....	
KTN1		14	56150981	56150981	37	3'UTR	Del	A	-		uc001xcb.2	TN1_uc001xce.2....	
LATS2		13	21620223	21620223	37	5'UTR	Del	A	-	rs115723063	uc009zzs.2	ATS2_uc001unr....	
LHFP		13	39917882	39917882	37	3'UTR	Del	T	-		uc001uxf.2		
LMNB2	p.R236Q	19	2435147	2435147	37	issense_Mutati	SNP	C	T		uc002lwa.1	MNB2_uc002lvy	view
LPP	p.A174T	3	188327039	188327039	37	issense_Mutati	SNP	G	A		uc003frs.1	PP_uc011bsg.1_	view
LRRC2		3	46560368	46560368	37	3'UTR	Del	T	-		uc010hji.2	RC2_uc003cpu....	
LRRK1	p.T961A	15	101569355	101569355	37	issense_Mutati	SNP	A	G		uc002bwr.2	RK1_uc010usb	view
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	uc002iiw.1	AP3K14_uc010da...	
MAP3K5		6	136878752	136878752	37	3'UTR	Del	T	-	rs79903899	uc003qhc.2	AP3K5_uc011edj...	
MAP3K7	p.K601N	6	91226238	91226238	37	issense_Mutati	SNP	T	A		uc003pnz.1	AP3K7_uc003pn	view
MAPK13	p.R189*	6	36104502	36104502	37	onsense_Mutati	SNP	C	T		uc003ols.2	APK13_uc003ol	view
MAPKBP1	p.S384L	15	42106900	42106900	37	issense_Mutati	SNP	C	T		uc001zok.3	APKBP1_uc001z	view
MARK1	p.S380L	1	220808734	220808734	37	issense_Mutati	SNP	C	T		uc009xdw.2	ARK1_uc001hm	view
MAST1	p.A468V	19	12975659	12975659	37	issense_Mutati	SNP	C	T		uc002mvm.2		view
MAST2	p.R1390W	1	46500509	46500509	37	issense_Mutati	SNP	C	T		uc001cov.2	AST2_uc001cow	view
MKNK1	p.R448W	1	47024303	47024303	37	issense_Mutati	SNP	G	A		uc001cqb.2	NK1_uc010om	view
MLL3		7	151835836	151835836	37	Intron	SNP	C	T		uc003wla.2	LL3_uc003wkz.2	view
MLL3	p.R1861Q	7	151879363	151879363	37	issense_Mutati	SNP	C	T		uc003wla.2	LL3_uc003wkz.2	view
MLL3	p.M184fs	7	152012262	152012263	37	Frame_Shift_Ins	Ins	-	T	rs35319288	uc003wla.2		
MLLT3		9	20346377	20346378	37	3'UTR	Ins	-	A	rs66943046	uc003zoe.2	LLT3_uc011lne....	
MSH6	p.K1045fs	2	48028257	48028257	37	Frame_Shift_De	Del	G	-		uc002rwd.3	SH6_uc002rwc.2...	
MSH6	p.T1085fs	2	48030639	48030640	37	Frame_Shift_Ins	Ins	-	C	rs63750431	uc002rwd.3	SH6_uc010fbj.2...	
MSMB		10	51562416	51562416	37	3'UTR	SNP	C	T	rs10611	uc001jiq.2	ARG_uc001jih.2	view