

Mutations in T-47D

T47D_BREAST

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
ACACA		17	35766564	35766564	37	5'UTR	Del	A	-		uc002hno.2	ACACA_uc002hnn....	
ACVR1	p.N100D	2	158636882	158636882	37	Missense_Mutation	SNP	T	C		uc002tzm.3	ACVR1_uc002tzn....	view
ADAM17		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	IAH1_uc010yiz.1...	
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	ADAM28_uc011laa...	
ADCK1		14	78390632	78390637	37	Intron	Del	AAACT...	-	.78274857;rs7496965	uc001xui.2	ADCK1_uc010tvo....	
AKAP12	p.1531_1532insE	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	AKAP12_uc003qoe...	
ALPK2	p.EDTST1006del	18	56204388	56204402	37	In_Frame_Del	Del	CAGTT...	-	50644017;rs1176233	uc002lhj.3	ALPK2_uc002lhk....	
ARID1A	p.Q944*	1	27092809	27092809	37	Nonsense_Mutation	SNP	C	T		uc001bmv.1	ARID1A_uc001bmt...	view
BCR		22	23631813	23631814	37	Intron	Ins	-	C	rs66503844	uc002zww.2	BCR_uc002zwx.2_...	
C15ORF55	p.A492G	15	34647334	34647334	37	Missense_Mutation	SNP	C	G		uc010ucc.1	C15orf55_uc010u...	view
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...	
CDK18		1	205499086	205499087	37	Intron	Ins	-	A		uc001hcr.2	CDK18_uc001hcp....	
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	CLTCL1_uc011agv...	
CNTN6		3	1339681	1339686	37	Intron	Del	GTTTT...	-		uc003boz.2	CNTN6_uc010hbo....	
CSF1R		5	149433400	149433401	37	3'UTR	Ins	-	C	66970099;rs7844965	uc003lrl.2	CSF1R_uc011dcd....	
CTBP2	p.K974fs	10	126678123	126678123	37	Frame_Shift_Del	Del	T	-		uc001lie.3	CTBP2_uc009yak....	
CXCL12		10	44873992	44873993	37	Intron	Ins	-	CT	rs117617571	uc001jbh.2	CXCL12_uc001jbf...	
DNAH8		6	38952246	38952247	37	Intron	Ins	-	CA	rs34819199	uc003ooe.1	DNAH8_uc003oog....	
EPHA6		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	EPHA6_uc003drs....	
EPS15		1	51887719	51887719	37	Intron	Del	A	-		uc001csq.1	EPS15_uc009vyz....	
FBN2	p.D2619Y	5	127607796	127607796	37	Missense_Mutation	SNP	C	A		uc003kuu.2		view
FGFR10P		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	CCR6_uc003qvl.2...	
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	FLI1_uc010sbt.1...	
FN1		2	216244182	216244185	37	Intron	Del	GTAC	-		uc002vfa.2	FN1_uc002vfb.2_...	
GLI1	p.L478F	12	57863337	57863337	37	Missense_Mutation	SNP	C	T		uc001snx.2	GLI1_uc009zpq.2...	view
GPR112	p.R2994W	X	135494468	135494468	37	Missense_Mutation	SNP	C	T		uc004ezu.1	GPR112_uc010nsb...	view
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	GRIA3_uc004etr....	
GRIK1	p.I440F	21	30963479	30963479	37	Missense_Mutation	SNP	T	A		uc011acs.1	GRIK1_uc002ynn....	view
GUCY2C	p.I962fs	12	14769653	14769653	37	Frame_Shift_Del	Del	T	-		uc001rcd.2		
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	s72525754;rs308387	uc001rcd.2	GUCY2C_uc009zhz...	
HERC2	p.Q1287E	15	28482253	28482253	37	Missense_Mutation	SNP	G	C		uc001zbj.2		view
HIF1A		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xfs.2	HIF1A_uc001xfq....	
HSP90B1		12	104341645	104341648	37	3'UTR	Del	ACTG	-	rs2307842	uc001tkb.1	HSP90B1_uc010sw...	
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	66696203;rs5919936	uc001rhg.2		
KLK7		19	51480672	51480675	37	3'UTR	Del	GGTT	-		uc002puo.2	KLK7_uc002pup.2...	
MAML3	p.Q767_splice	4	140651585	140651587	37	Splice_Site_Del	Del	CTG	-		uc003ihz.1	MGST2_uc010ioi...	
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	uc002iiw.1	MAP3K14_uc010da...	
MCM3APAS		21	47671275	47671276	37	3'UTR	Ins	-	AAT	rs67797185	uc002zin.2	MCM3APAS_uc002z...	
MLL3	p.G892E	7	151932996	151932996	37	Missense_Mutation	SNP	C	T		uc003wla.2	MLL3_uc003wkz.2...	view

MLLT4	p.L852fs	6	168317783	168317784	37	Frame_Shift_Ins	Ins	-	A		uc003qwd.2	MLLT4_uc003qwb...	
MLLT4	p.D1733N	6	168366656	168366656	37	Missense_Mutation	SNP	G	A		uc003qwd.2		view
MSH3	p.PPA66del	5	79950742	79950750	37	In_Frame_Del	Del	CCCCC...	-	s60484572;rs104748	uc003kgz.2	DHFR_uc011ctl.1...	
MTCP1NB	p.R36H	X	154290218	154290218	37	Missense_Mutation	SNP	C	T		uc004fmy.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....	
NCOA3		20	46282339	46282340	37	3'UTR	Ins	-	AT		uc002xtk.2	NCOA3_uc002xtl....	
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	50881822	50881823	37	In_Frame_Ins	Ins	-	CAG	s61751954;rs105253	uc010enw.2	NR1H2_uc002prv....	
NR3C1		5	142661320	142661320	37	3'UTR	SNP	C	T	rs72466429	uc003lmy.2	NR3C1_uc003lmz....	view
NUP214		9	134067556	134067557	37	Intron	Ins	-	T	rs66652901	uc004cag.2	NUP214_uc004cah...	
PAX3		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	PAX3_uc002vmy.1...	
PDE4DIP	p.P1564Q	1	144875989	144875989	37	Missense_Mutation	SNP	G	T		uc001elw.3	NBPF10_uc009wir...	view
PDGFRA		4	55131002	55131002	37	Intron	Del	A	-		uc003han.3	PDGFRA_uc003haa...	
PIK3C2A		11	17111198	17111199	37	3'UTR	Del	GT	-		uc001mmq.3	PIK3C2A_uc009yg...	
PIK3C2G	p.P129del	12	18435399	18435401	37	In_Frame_Del	Del	CCC	-		uc010sib.1	PIK3C2G_uc001rd...	
PIK3CA	p.H1047R	3	178952085	178952085	37	Missense_Mutation	SNP	A	G		uc003fjk.2		view
PLCG2		16	81954997	81954997	37	Intron	Del	T	-		uc002fgt.2	PLCG2_uc010chg....	
PRKCA		17	64298959	64298960	37	5'UTR	Ins	-	G	rs71160558	uc002jfp.1	PRKCA_uc002jfo....	
PRKD3	p.D337H	2	37507052	37507052	37	Missense_Mutation	SNP	C	G		uc002rqd.2	PRKD3_uc002rqe....	view
PRKDC	p.L1244fs	8	48805816	48805817	37	Frame_Shift_Ins	Ins	-	G	rs67588121	uc003xqi.2	PRKDC_uc003xqj....	
RECQL4	p.R766fs	8	145738768	145738768	37	Frame_Shift_Del	Del	G	-		uc003zdj.2		
SCD		10	102107212	102107212	37	5'UTR	SNP	C	T		uc001kqy.2		view
SCYL3		1	169839593	169839593	37	Intron	SNP	A	G		uc001ggs.2	SCYL3_uc010plw....	view
SPEN	p.E327fs	1	16235913	16235914	37	Frame_Shift_Ins	Ins	-	A		uc001axk.1	SPEN_uc010obp.1...	
STK31	p.T404S	7	23794011	23794011	37	Missense_Mutation	SNP	C	G		uc003sws.3	STK31_uc003swt....	view
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sws.3	STK31_uc003swt....	
TMEM123		11	102269398	102269398	37	3'UTR	Del	G	-		uc001pha.2	TMEM123_uc009yx...	
TMEM123		11	102269461	102269461	37	3'UTR	Del	G	-		uc001pha.2	TMEM123_uc009yx...	
TP53	p.L194F	17	7578269	7578269	37	Missense_Mutation	SNP	G	A		uc002gim.2	TP53_uc002gig.1...	view
TP63		3	189507518	189507519	37	Intron	Ins	-	AGAG	62702062;rs7971403	uc003fry.2	TP63_uc003frx.2...	
TRIM33		1	114940215	114940216	37	3'UTR	Ins	-	G	rs68133208	uc001eew.2	TRIM33_uc010owr...	
TRPS1		8	116635872	116635873	37	5'UTR	Ins	-	A	rs76893349	uc003yny.2	TRPS1_uc011lhy....	
VEGFC	p.S419_splice	4	177605082	177605084	37	Splice_Site_Del	Del	TCA	-		uc003ius.1		

