

### Mutations in JIMT-1

JIMT1\_BREAST

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<div style="display: flex; justify-content: space-between; align-items: center;"> <span>&lt;&lt;</span> <span>&lt;</span> <span>&gt;</span> <span>&gt;&gt;</span> </div>													
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
<a href="#">ADAM17</a>		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	H1_uc010yiz.1...	
<a href="#">ADAM28</a>		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	AM28_uc011laa...	
<a href="#">AKAP12</a>	p.1531_1532insE	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011leep.1	AP12_uc003qoe...	
<a href="#">AKAP9</a>	p.1335_1336insQ	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	AP9_uc003ule...	
<a href="#">ALS2</a>	p.L723F	2	202608982	202608982	37	Missense_Mutation	SNP	T	G		uc002uyo.2	S2_uc002uyp.3	<a href="#">view</a>
<a href="#">ARID1A</a>	p.Q586del	1	27058045	27058047	37	In_Frame_Del	Del	CAG	-		uc001bmv.1	ID1A_uc001bmt...	
<a href="#">ASPH</a>	p.A264_splice	8	62550924	62550925	37	Splice_Site_Ins	Ins	-	A	rs5891816	uc003xuj.2	SPH_uc011leg.1...	
<a href="#">BCL3</a>		19	45262908	45262908	37	3'UTR	SNP	G	A		uc010xxe.1		<a href="#">view</a>
<a href="#">BCR</a>		22	23631813	23631814	37	Intron	Ins	-	C	rs66503844	uc002zww.2	R_uc002zwx.2_...	
<a href="#">CABC1</a>		1	227171585	227171585	37	Intron	Del	T	-		uc001hqm.1	BC1_uc001hqn...	
<a href="#">CLTCL1</a>	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	TCL1_uc011agv...	
<a href="#">CXCL12</a>		10	44873992	44873993	37	Intron	Ins	-	CT	rs117617571	uc001jbh.2	CL12_uc001jbf...	
<a href="#">DIP2C</a>		10	415689	415689	37	Intron	SNP	C	G		uc001ifp.2	IP2C_uc009xhi.	<a href="#">view</a>
<a href="#">DNAH8</a>	p.E1899A	6	38831685	38831685	37	Missense_Mutation	SNP	A	C		uc003ooe.1		<a href="#">view</a>
<a href="#">DST</a>		6	56473206	56473206	37	Intron	SNP	A	G		uc003pdf.2	T_uc003pcz.3_	<a href="#">view</a>
<a href="#">EPHA3</a>		3	89448689	89448689	37	Intron	SNP	G	C		uc003dqy.2	HA3_uc003dpx	<a href="#">view</a>
<a href="#">EPHB3</a>	p.P859S	3	184298796	184298796	37	Missense_Mutation	SNP	C	T		uc003foz.2		<a href="#">view</a>
<a href="#">ETV1</a>		7	14028708	14028708	37	5'UTR	Del	A	-	rs77190713	uc011jxq.1	V1_uc011jxn.1...	
<a href="#">FASN</a>		17	80036961	80036961	37	3'UTR	SNP	G	C		uc002kdu.2	SN_uc002kdv.?	<a href="#">view</a>
<a href="#">FGFR1OP</a>		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	R6_uc003qvl.2...	
<a href="#">FLI1</a>		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	L11_uc010sbt.1...	
<a href="#">GATS</a>		7	99799294	99799294	37	3'UTR	SNP	A	C		uc003uua.3	AG3_uc010lgs.	<a href="#">view</a>
<a href="#">GRIA3</a>		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	RIA3_uc004etr....	
<a href="#">GRIN2A</a>	p.D785N	16	9892137	9892137	37	Missense_Mutation	SNP	C	T		uc002czo.3	IN2A_uc010uyr	<a href="#">view</a>
<a href="#">GUCY2C</a>		12	14827464	14827466	37	Intron	Del	ATC	-	rs525754;rs3083	uc001rcd.2	CY2C_uc009zhz...	
<a href="#">HNF1A</a>		12	121434630	121434631	37	Intron	Ins	-	TCATTCAT	rs75100977	uc010szn.1	F1A_uc001tze....	
<a href="#">HSP90B1</a>	p.E791del	12	104341188	104341190	37	In_Frame_Del	Del	GAA	-	rs117491163	uc001tkb.1	P90B1_uc010sw...	
<a href="#">ILK</a>		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	K_uc001mef.2_...	
<a href="#">LAMA1</a>	p.I1547F	18	6999468	6999468	37	Missense_Mutation	SNP	T	A		uc002knm.2	MA1_uc010wzj	<a href="#">view</a>
<a href="#">MAF</a>	p.V271L	16	79632989	79632989	37	Missense_Mutation	SNP	C	A		uc002ffm.2	AF_uc002ffn.2_	<a href="#">view</a>
<a href="#">MAML3</a>	p.Q767_splice	4	140651585	140651587	37	Splice_Site_Del	Del	CTG	-		uc003ihz.1	GST2_uc010ioi...	
<a href="#">MAP3K1</a>	p.T949del	5	56177849	56177851	37	In_Frame_Del	Del	CAA	-		uc003jqw.3		
<a href="#">MAP3K14</a>	p.R218_splice	17	43364293	43364294	37	Splice_Site_Ins	Ins	-	G	rs66766023	uc002iiw.1	P3K14_uc010da...	
<a href="#">MAP4K5</a>		14	50886558	50886558	37	3'UTR	SNP	G	A		uc001wya.2	P4K5_uc001wyj	<a href="#">view</a>
<a href="#">MAPKAPK3</a>		3	50685575	50685575	37	3'UTR	Del	A	-	rs76026164	uc003day.1	PKAPK3_uc003d...	

<a href="#">MCF2</a>		X	138724730	138724730	37	Intron	SNP	T	A		uc011mwo.1	CF2_uc004fau.1	<a href="#">view</a>
<a href="#">MELK</a>	p.L320H	9	36651780	36651780	37	Missense_Mutation	SNP	T	A		uc003zzn.2	ELK_uc011lpm.1	<a href="#">view</a>
<a href="#">NCAM1</a>		11	112832307	112832308	37	5'UTR	Ins	-	A	rs117108942	uc009yyq.1	AM1_uc001pno.1	
<a href="#">NCAM1</a>		11	112832340	112832340	37	5'UTR	Del	C	-		uc009yyq.1	AM1_uc001pno.1	
<a href="#">NEK3</a>	p.K313_splice	13	52718050	52718051	37	Splice_Site_Ins	Ins	-	T	rs72514762	uc001vgh.2	NEK3_uc001vvg.2	
<a href="#">NFIA</a>		1	61921185	61921186	37	3'UTR	Ins	-	T	270124;rs7613	uc010oos.1	FIA_uc001czy.2	
<a href="#">NFKB1</a>	p.D917_splice	4	103534740	103534741	37	Splice_Site_Ins	Ins	-	A	rs35795162	uc011cep.1	NFKB1_uc011ceq.1	
<a href="#">NIN</a>	p.G2027_splice	14	51192786	51192786	37	Splice_Site_SNP	SNP	T	C		uc001wyi.2	NIN_uc001wyj.2	<a href="#">view</a>
<a href="#">NR1H2</a>	p.176_177insQ	19	50881820	50881821	37	In_Frame_Ins	Ins	-	AAC	rs783852;rs11235	uc010enw.2	NR1H2_uc002prv.1	
<a href="#">ODZ1</a>		X	124097626	124097626	37	5'UTR	SNP	C	A		uc010nqy.2	ODZ1_uc011muj.1	<a href="#">view</a>
<a href="#">ODZ1</a>		X	124097633	124097633	37	5'UTR	SNP	A	T		uc010nqy.2	ODZ1_uc011muj.1	<a href="#">view</a>
<a href="#">PDE4DIP</a>	p.L2318_splice	1	144854212	144854212	37	Splice_Site_SNP	SNP	C	T		uc001elw.3	PDE4DIP_uc009wi.1	<a href="#">view</a>
<a href="#">PDE4DIP</a>	p.Q1665fs	1	144873963	144873963	37	Frame_Shift_Del	Del	T	-		uc001elw.3	PDE4DIP_uc009wir.1	
<a href="#">PGGT1B</a>		5	114548071	114548072	37	3'UTR	Ins	-	C		uc003kqw.3	PGGT1B_uc003kqx.1	
<a href="#">PIK3C2G</a>	p.P129del	12	18435399	18435401	37	In_Frame_Del	Del	CCC	-		uc010sib.1	PIK3C2G_uc001rd.1	
<a href="#">PIK3CA</a>	p.C420R	3	178927980	178927980	37	Missense_Mutation	SNP	T	C		uc003fjk.2	PIK3CA_uc003fjk.2	<a href="#">view</a>
<a href="#">PINK1</a>	p.V350M	1	20972141	20972141	37	Missense_Mutation	SNP	G	A		uc001bdm.2	PINK1_uc001bdn.1	<a href="#">view</a>
<a href="#">PKHD1</a>	p.S1833L	6	51882310	51882310	37	Missense_Mutation	SNP	G	A		uc003pah.1	PKHD1_uc003pai.1	<a href="#">view</a>
<a href="#">PRKDC</a>	p.L1244fs	8	48805816	48805817	37	Frame_Shift_Ins	Ins	-	G	rs67588121	uc003xqi.2	PRKDC_uc003xqi.1	
<a href="#">PTPRT</a>	p.G903R	20	40790024	40790024	37	Missense_Mutation	SNP	C	G		uc010ggi.2	PTPRT_uc002xkg.1	<a href="#">view</a>
<a href="#">RECQL4</a>	p.R766fs	8	145738768	145738768	37	Frame_Shift_Del	Del	G	-		uc003zdj.2	RECQL4_uc003zdj.1	
<a href="#">SIK3</a>	p.N586N	11	116734411	116734411	37	Silent	SNP	G	A		uc001ppy.2	SIK3_uc001ppz.2	<a href="#">view</a>
<a href="#">SPEG</a>	p.G1383S	2	220337818	220337818	37	Missense_Mutation	SNP	G	A		uc010fwg.2	SPEG_uc010fwg.2	<a href="#">view</a>
<a href="#">STK31</a>		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sws.3	STK31_uc003swt.1	
<a href="#">TP53</a>	p.R248W	17	7577539	7577539	37	Missense_Mutation	SNP	G	A		uc002gim.2	TP53_uc002gig.1	<a href="#">view</a>
<a href="#">TP63</a>		3	189507518	189507519	37	Intron	Ins	-	AGAG	702062;rs7971	uc003fry.2	TP63_uc003frx.2	
<a href="#">TRIO</a>	p.Y2117C	5	14481356	14481356	37	Missense_Mutation	SNP	A	G		uc003jff.2	TRIO_uc003jfg.2	<a href="#">view</a>
<a href="#">TRPM7</a>	p.M1043V	15	50891355	50891355	37	Missense_Mutation	SNP	T	C		uc001zyt.3	TRPM7_uc010bev.1	<a href="#">view</a>
<a href="#">VEGFC</a>	p.S419_splice	4	177605082	177605084	37	Splice_Site_Del	Del	TCA	-		uc003ius.1	VEGFC_uc003ius.1	

