

## Mutations in MIA PaCa-2

MIAPACA2_PANCREAS													
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>	p.D118N	8	24168919	24168919	37	issense_Mutati	SNP	G	A		uc003xdy.2	AM28_uc003xd	<a href="#">view</a>
<a href="#">ADAM28</a>		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	AM28_uc011aa...	
<a href="#">AKAP12</a>	p.L1531_1532ins	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	AP12_uc003qoe...	
<a href="#">ARID1A</a>	p.P1940L	1	27106208	27106208	37	issense_Mutati	SNP	C	T		uc001bmv.1	ID1A_uc001bm	<a href="#">view</a>
<a href="#">BCR</a>	p.R22L	22	23523212	23523212	37	issense_Mutati	SNP	G	T		uc002zww.2	R_uc002zww.2	<a href="#">view</a>
<a href="#">BIRC3</a>	p.L404V	11	102201858	102201858	37	issense_Mutati	SNP	C	G		uc001pgx.2		<a href="#">view</a>
<a href="#">BTG1</a>		12	92537706	92537707	37	3'UTR	Ins	-	T	rs33983967	uc001tby.3	G1_uc001tbv.1...	
<a href="#">CDK11B</a>		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	K11B_uc001aha...	
<a href="#">CEP110</a>		9	123939569	123939569	37	3'UTR	SNP	T	C		uc004bkx.1	P110_uc004blt	<a href="#">view</a>
<a href="#">CHD8</a>		14	21853769	21853769	37	3'UTR	SNP	G	A		uc001was.1	ID8_uc001war.	<a href="#">view</a>
<a href="#">CHIC2</a>		4	54876132	54876132	37	3'UTR	Del	C	-	rs4437313	uc003haj.1	GFRA_uc003haa...	
<a href="#">CLTCL1</a>	p.G169D	22	19241495	19241495	37	issense_Mutati	SNP	C	T		uc002zpb.2	TCL1_uc011agv	<a href="#">view</a>
<a href="#">CLTCL1</a>		22	19196673	19196674	37	Intron	Ins	-	A		uc002zpb.2	TCL1_uc011agv...	
<a href="#">CLTCL1</a>	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	TCL1_uc011agv...	
<a href="#">CNTN6</a>		3	1339681	1339686	37	Intron	Del	GTTTT...	-		uc003boz.2	ITN6_uc010hbo...	
<a href="#">CPAMD8</a>	p.G1532G	19	17014386	17014386	37	Silent	SNP	G	A		uc002nfb.2	AMD8_uc002nf	<a href="#">view</a>
<a href="#">CSMD3</a>	p.M3142I	8	113293485	113293485	37	issense_Mutati	SNP	C	T		uc003ynu.2	MD3_uc003yns	<a href="#">view</a>
<a href="#">CSMD3</a>	p.E2441G	8	113331104	113331104	37	issense_Mutati	SNP	T	C		uc003ynu.2	MD3_uc003yns	<a href="#">view</a>
<a href="#">CTNNA2</a>	p.A207T	2	80101235	80101235	37	issense_Mutati	SNP	G	A		uc010ysh.1	NNA2_uc010ys	<a href="#">view</a>
<a href="#">CXCL12</a>		10	44873992	44873993	37	Intron	Ins	-	CT	rs117617571	uc001jhb.2	CL12_uc001jbf...	
<a href="#">DDR2</a>		1	162750211	162750212	37	3'UTR	Del	TT	-		uc001gcf.2	DR2_uc001gcf.2...	
<a href="#">EGF</a>		4	110932678	110932678	37	3'UTR	SNP	A	G		uc003hzy.3	GF_uc011cfu.1	<a href="#">view</a>
<a href="#">EP300</a>		22	41574970	41574972	37	3'UTR	Del	GTA	-	rs76489032	uc003azl.3		
<a href="#">EPHA6</a>		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	PHA6_uc003drs...	
<a href="#">ERG</a>	p.G97G	21	39795450	39795450	37	Silent	SNP	G	A		uc010gnw.2	G_uc002yxa.2	<a href="#">view</a>
<a href="#">FBN1</a>	p.N57S	15	48905284	48905284	37	issense_Mutati	SNP	T	C		uc001zwx.1		<a href="#">view</a>
<a href="#">FGFR10P</a>		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	FR6_uc003qvl.2...	
<a href="#">FLI1</a>		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	LI1_uc010sbt.1...	
<a href="#">FLT4</a>		5	180035183	180035185	37	Intron	Del	AGT	-		uc003mlz.3	T4_uc003mma.3...	
<a href="#">GUCY2C</a>		12	14827464	14827466	37	Intron	Del	ATC	-	rs525754;rs3083	uc001rcd.2	JCY2C_uc009zhz...	
<a href="#">HIF1A</a>		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xfs.2	IF1A_uc001xfq....	
<a href="#">HNF1A</a>		12	121434630	121434631	37	Intron	Ins	-	TCATTCAT	rs75100977	uc010szn.1	NF1A_uc001tze....	

<a href="#">ILK</a>		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	K_uc001mef.2_...	
<a href="#">ITGB1</a>		10	33197131	33197134	37	Intron	Del	CTTT	-	rs116966876	uc001iwq.3	GB1_uc001iwp....	
<a href="#">ITPR1</a>	p.E1440Q	3	4738894	4738894	37	issense_Mutati	SNP	G	C		uc003bqa.2	PR1_uc010hca.	<a href="#">view</a>
<a href="#">ITPR2</a>	p.E1908G	12	26639125	26639125	37	issense_Mutati	SNP	T	C		uc001rhg.2	PR2_uc009zjg.	<a href="#">view</a>
<a href="#">ITPR2</a>	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	696203;rs5919	uc001rhg.2		
<a href="#">KRAS</a>	p.G12C	12	25398285	25398285	37	issense_Mutati	SNP	C	A		uc001rgp.1	AS_uc001rgq.1	<a href="#">view</a>
<a href="#">LMNA</a>	p.G523R	1	156106982	156106982	37	issense_Mutati	SNP	G	A		uc001fni.2	ANA_uc001fnf.1	<a href="#">view</a>
<a href="#">MAF</a>		16	79628325	79628325	37	3'UTR	Del	A	-		uc002ffm.2	AF_uc002ffn.2_...	
<a href="#">MAP3K1</a>	p.T949del	5	56177849	56177851	37	In_Frame_Del	Del	CAA	-		uc003jqw.3		
<a href="#">MAST3</a>	p.R390W	19	18241335	18241335	37	issense_Mutati	SNP	C	T	rs55994961	uc002nhz.3		<a href="#">view</a>
<a href="#">MLH1</a>	p.T270I	3	37059015	37059015	37	issense_Mutati	SNP	C	T		uc003cgl.2	LH1_uc011aye.	<a href="#">view</a>
<a href="#">MLL3</a>	p.K170E	7	152012305	152012305	37	issense_Mutati	SNP	T	C		uc003wla.2		<a href="#">view</a>
<a href="#">MYO3B</a>	p.L637S	2	171256816	171256816	37	issense_Mutati	SNP	T	C		uc002ufy.2	YO3B_uc002ufv	<a href="#">view</a>
<a href="#">MYST2</a>		17	47904996	47904996	37	3'UTR	SNP	C	T		uc002ipm.2	ST2_uc010wm:	<a href="#">view</a>
<a href="#">MYST4</a>	p.E1104del	10	76781906	76781908	37	In_Frame_Del	Del	GAA	-	rs79644703	uc001jwn.1	ST4_uc001jwm....	
<a href="#">NCAM1</a>		11	112832307	112832308	37	5'UTR	Ins	-	A	rs117108942	uc009yyq.1	AM1_uc001pno....	
<a href="#">NCAM1</a>		11	112832340	112832340	37	5'UTR	Del	C	-		uc009yyq.1	AM1_uc001pno....	
<a href="#">NCOA3</a>	p.V76L	20	46252797	46252797	37	issense_Mutati	SNP	G	T		uc002xtk.2	COA3_uc010ght	<a href="#">view</a>
<a href="#">NCOA3</a>	p.I79L	20	46252805	46252806	37	issense_Mutati	DNP	GA	AT		uc002xtk.2	COA3_uc010ght....	
<a href="#">NCOA3</a>		20	46282339	46282340	37	3'UTR	Ins	-	AT		uc002xtk.2	COA3_uc002xtl....	
<a href="#">NEK1</a>	p.M1075_splice	4	170327899	170327899	37	Splice_Site_SNP	SNP	C	G		uc003isd.1	EK1_uc003isb.1	<a href="#">view</a>
<a href="#">NPAT</a>	p.P841A	11	108043190	108043190	37	issense_Mutati	SNP	G	C		uc001pjz.3	PAT_uc010rvv.1	<a href="#">view</a>
<a href="#">NPM1</a>		5	170837734	170837734	37	3'UTR	Del	T	-		uc011dex.1	M1_uc003mbi.2...	
<a href="#">NR1H2</a>	p.176_177insQ	19	50881820	50881821	37	In_Frame_Ins	Ins	-	AAC	783852;rs11235	uc010enw.2	R1H2_uc002prv....	
<a href="#">NUP210</a>	p.A912_splice	3	13393482	13393482	37	Splice_Site_SNP	SNP	T	A		uc003bxv.1	P210_uc003bx	<a href="#">view</a>
<a href="#">PAX3</a>		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	X3_uc002vmy.1...	
<a href="#">PBX1</a>	p.M340V	1	164789329	164789329	37	issense_Mutati	SNP	A	G		uc001gct.2	X1_uc010pku.1	<a href="#">view</a>
<a href="#">PDE4DIP</a>	p.Q1665fs	1	144873963	144873963	37	In_Frame_Shift_De	Del	T	-		uc001elw.3	3PF10_uc009wir...	
<a href="#">PDE4DIP</a>	p.V486fs	1	144917828	144917828	37	In_Frame_Shift_De	Del	A	-		uc001elw.3	3PF10_uc009wir...	
<a href="#">PDGFRA</a>		4	55131002	55131002	37	Intron	Del	A	-		uc003han.3	GFRA_uc003haa...	
<a href="#">PMS1</a>		2	190670539	190670540	37	Intron	Ins	-	A	rs3214425	uc002urh.3	AS1_uc010zga.1...	
<a href="#">PTPRU</a>	p.L822P	1	29618497	29618497	37	issense_Mutati	SNP	T	C		uc001bru.2	PRU_uc001brv	<a href="#">view</a>
<a href="#">RECQL4</a>	p.R766fs	8	145738768	145738768	37	In_Frame_Shift_De	Del	G	-		uc003zjd.2		
<a href="#">RPS6KL1</a>		14	75373626	75373627	37	3'UTR	Ins	-	TGAT		uc001xqx.1	S6KL1_uc001xq...	
<a href="#">RUNX2</a>	p.T286A	6	45459848	45459848	37	issense_Mutati	SNP	A	G		uc011dvx.1	RNX2_uc011dv	<a href="#">view</a>
<a href="#">STAG3</a>	p.R279W	7	99787187	99787187	37	issense_Mutati	SNP	C	T		uc003utx.1	TAG3_uc010lgs.	<a href="#">view</a>
<a href="#">STK32A</a>		5	146728308	146728308	37	Intron	SNP	A	G		uc011dbw.1	TK32A_uc003lol	<a href="#">view</a>
<a href="#">TNK2</a>	p.R1086C	3	195591057	195591057	37	issense_Mutati	SNP	G	A		uc003fvt.1	TNK2_uc003fvq.1	<a href="#">view</a>

<a href="#">TNNI3K</a>		1	74701150	74701150	37	Intron	SNP	A	T		uc001dge.1	INI3K_uc001dgi	<a href="#">view</a>
<a href="#">TP53</a>	p.R248W	17	7577539	7577539	37	issense_Mutati	SNP	G	A		uc002gim.2	P53_uc002gig.1	<a href="#">view</a>
<a href="#">TRPS1</a>		8	116635872	116635873	37	5'UTR	Ins	-	A	rs76893349	uc003yny.2	RPS1_uc011lhy...	
<a href="#">TTN</a>		2	179391639	179391640	37	3'UTR	Ins	-	T	rs36037175	uc010zfg.1	TN_uc010zfh.1...	
<a href="#">TTN</a>	p.P19277L	2	179448375	179448375	37	issense_Mutati	SNP	G	A		uc010zfg.1	TN_uc010zfh.1	<a href="#">view</a>
<a href="#">TTN</a>	p.P17706L	2	179455631	179455631	37	issense_Mutati	SNP	G	A	rs72646845	uc010zfg.1	TN_uc010zfh.1	<a href="#">view</a>
<a href="#">TTN</a>	p.E11589V	2	179498756	179498756	37	issense_Mutati	SNP	T	A		uc010zfg.1	TN_uc010zfh.1	<a href="#">view</a>
<a href="#">TTN</a>	p.T3518A	2	179602896	179602896	37	issense_Mutati	SNP	T	C		uc010zfg.1	TN_uc010zfh.1	<a href="#">view</a>
<a href="#">TTN</a>		2	179605721	179605721	37	Intron	SNP	A	C		uc010zfg.1	TN_uc010zfh.1	<a href="#">view</a>
<a href="#">VEGFC</a>	p.S419_splice	4	177605082	177605084	37	Splice_Site_Del	Del	TCA	-		uc003ius.1		
<a href="#">ZMYM2</a>	p.K1177N	13	20656233	20656233	37	issense_Mutati	SNP	A	C		uc001umr.2	YM2_uc001um	<a href="#">view</a>
<a href="#">ZNF608</a>	p.A1038D	5	123982964	123982964	37	issense_Mutati	SNP	G	T		uc003ktq.1	ZNF608_uc003kti	<a href="#">view</a>
<a href="#">ZNF668</a>		16	31072346	31072346	37	3'UTR	Del	G	-		uc010caf.2	ZNF668_uc002eao...	

