

GTC Liquid Trace

1501 genes validados para Mutaciones en ARN libre.

1-301	302-601	602-901	902-1201	1202-1501
ABCC3	CRKL	HDAC7	NAV3	SDHD
ABI1	CRLF2	HECW1	NBN	SEC31A
ABL1	CRTC1	HEPH	NBR1	SEPTIN2
ABL2	CRTC3	HERPUD1	NCAM1	SEPTIN5
ABLM1	CSF1	HES1	NCKIPSD	SEPTIN6
ACACA	CSF1R	HES5	NCOA1	SEPTIN9
ACE	CSF3	HEY1	NCOA2	SERP2
ACER1	CSF3R	HGF	NCOA3	SERPINE1
ACKR3	CSNK1G2	HHEX	NCOA4	SERPINF1
ACP3	CSNK2A1	HIF1A	NCOR2	SET
ACSBG1	CTCF	HIP1	NCR1	SETBP1
ACSL3	CTDSP2	HIPK1	NCSTN	SETD2
ACSL6	CTLA4	HIPK2	NDC80	SETD7
ACVR1	CTNNA1	HLA-DRA	NDE1	SF3A1
ACVR1B	CTNNB1	HLA-DRB1	NDRG1	SF3B1
ACVR1C	CTNND2	HLF	NDUFAF1	SFPQ
ACVR2A	CTRB1	HMGA1	NEDD4	SFRP2
ADD3	CTRB2	HMGA2	NEURL1	SFRP4
ADGRA2	CTSA	HMGB1	NF1	SGK1
ADGRG7	CUX1	HNF1A	NF2	SGPP2
ADM	CXCL8	HNRNPA2B1	NFATC1	SH2D5
AFDN	CXCR4	HOOK3	NFATC2	SH3BP1
AFF1	CXXC4	HOXA10	NFE2L2	SH3D19
AFF3	CYFIP2	HOXA11	NFIB	SH3GL1
AFF4	CYLD	HOXA13	NFKB1	SH3GL2
AFP	CYP1B1	HOXA3	NFKB2	SHC1
AGR3	CYP2C19	HOXA9	NFKBIA	SHC2
AHCYL1	DAB2IP	HOXC11	NFYC	SHTN1
AHI1	DACH1	HOXC13	NGF	SIK3
AHR	DACH2	HOXD11	NGFR	SIN3A
AIP	DAXX	HOXD13	NIN	SIRT1
AK2	DCLK2	HOXD9	NIPBL	SKP2
AK5	DCN	HRAS	NKX2-1	SLC1A2
AKAP12	DDB2	HSP90AA1	NKX2-5	SLC34A2
AKAP6	DDIT3	HSP90AB1	NKX3-1	SLC45A3
AKAP9	DDR2	HSPA1A	NOD1	SLC66A3
AKR1C3	DDX10	HSPA1B	NODAL	SLC7A5
AKT1	DDX20	HSPA2	NONO	SLCO1B3



AKT2	DDX39B	HSPA4	NOS3	SLX4
AKT3	DDX3X	HSPA5	NOTCH1	SMAD2
ALDH1A1	DDX41	HTRA1	NOTCH2	SMAD3
ALDH2	DDX5	HUWE1	NOTCH3	SMAD4
ALDOC	DDX6	IBSP	NOTCH4	SMAD5
ALK	DEK	ICAM1	NPM1	SMAD6
AMER1	DGKB	ICOS	NPM2	SMAP1
AMH	DGKI	ID1	NR3C1	SMARCA1
ANGPT1	DGKZ	ID3	NR4A3	SMARCA4
ANKRD28	DICER1	ID4	NR5A1	SMARCA5
ANLN	DIRAS3	IDH1	NR6A1	SMARCB1
ANPEP	DIS3L2	IDH2	NRAS	SMC1A
APC	DKK1	IDO1	NRG1	SMC3
APH1A	DKK2	IFNG	NSD1	SMO
APLP2	DKK4	IFRD1	NSD2	SNAPC3
APOD	DLEC1	IGF1	NSD3	SNCG
AR	DLL1	IGF1R	NT5C2	SNW1
ARAF	DLL3	IGFBP2	NTF3	SNX29
ARFRP1	DLL4	IGFBP3	NTF4	SNX9
ARG1	DMRT1	IGLL5	NTRK1	SOCS1
ARHGAP20	DMRTA2	IKBKB	NTRK2	SOCS2
ARHGAP26	DNAJB1	IKBKE	NTRK3	SOCS3
ARHGEF12	DNM1	IKZF1	NUMA1	SOD2
ARHGEF7	DNM2	IKZF2	NUP107	SORBS2
ARID1A	DNM3	IKZF3	NUP214	SORT1
ARID2	DNMT1	IL12RB2	NUP93	SOS1
ARIH2	DNMT3A	IL13	NUP98	SOX10
ARNT	DNTT	IL13RA2	NUTM1	SOX11
ARRDC4	DOCK1	IL15	NUTM2A	SOX2
ASMTL	DOT1L	IL1B	NUTM2B	SP1
ASPH	DPM1	IL1R1	OCLN	SP3
ASPSR1	DPP4	IL1RAP	OFD1	SPECC1
ASTN2	DPYD	IL2	OGA	SPEN
ASXL1	DST	IL21R	OLIG1	SPN
ATF1	DTX1	IL2RA	OLIG2	SPOP
ATF3	DTX4	IL3	OLR1	SPP1
ATG13	DUSP2	IL3RA	OMD	SPRY2
ATG5	DUSP22	IL6	OPN1LW	SPRY4
ATIC	DUSP26	IL7R	P2RY8	SPTAN1
ATL1	DUSP9	INHBA	PAFAH1B2	SPTBN1
ATM	E2F1	INPP4A	PAG1	SQSTM1
ATP1B4	EBF1	INPP4B	PAK1	SRC
ATP6V1G2-DDX39B	ECT2L	INPP5A	PAK3	SRF
ATP8A2	EDIL3	INPP5D	PAK5	SRGAP3
ATR	EDNRB	IQCG	PAK6	SRRM3



ATRN1	EED	IRAG2	PALB2	SRSF2
ATRX	EEFSEC	IRF1	PAPPA	SRSF3
AURKA	EGF	IRF2BP2	PASK	SS18
AURKB	EGFR	IRF4	PATZ1	SS18L1
AUTS2	EGR1	IRF8	PAX3	SSBP2
AXIN1	EGR2	IRS1	PAX5	SSX1
AXL	EGR3	IRS2	PAX7	SSX2
B2M	EGR4	IRS4	PAX8	SSX2B
B3GAT1	EIF4A2	ITGA2B	PBRM1	SSX4
BACH1	EIF4E	ITGA5	PBX1	SSX4B
BACH2	ELF4	ITGA7	PC	ST6GAL1
BAG4	ELK4	ITGA8	PCA3	STAG2
BAIAP2L1	ELL	ITGAE	PCBP1	STAT1
BAP1	ELN	ITGAM	PCLO	STAT3
BARD1	ELOVL2	ITGAV	PCM1	STAT4
BAX	ELP2	ITGAX	PCNA	STAT5A
BAZ2A	EML1	ITGB3	PCSK7	STAT5B
BCAS3	EML4	ITGB4	PDCD1	STAT6
BCAS4	EMSY	ITK	PDCD11	STIL
BCL10	ENG	ITPKA	PDCD1LG2	STK11
BCL11A	ENPP2	JAG2	PDCD6-AHRR	STRN
BCL11B	ENTPD1	JAK1	PDE4DIP	STX5
BCL2	EP300	JAK2	PDGFA	STYK1
BCL2A1	EP400	JAK3	PDGFB	SUFU
BCL2L1	EPC1	JARID2	PDGFD	SUGP2
BCL2L2	EPCAM	JAZF1	PDGFRA	SULF1
BCL3	EPHA10	JUN	PDGFRB	SUV39H2
BCL6	EPHA2	KALRN	PKD1	SUZ12
BCL7A	EPHA3	KAT6A	PEG3	SYK
BCL9	EPHA5	KAT6B	PER1	SYP
BCOR	EPHA7	KCNB1	PFDN5	TACC1
BCORL1	EPHB1	KDM1A	PHB	TACC2
BCR	EPHB6	KDM2B	PHF1	TACC3
BDNF	EPO	KDM4C	PHF23	TAF1
BHLHE22	EPOR	KDM5A	PHF6	TAF15
BICC1	EPS15	KDM5C	PHOX2B	TAF15
BIN1	ERBB2	KDM6A	PI4KA	TAF15
BIRC3	ERBB3	KDR	PICALM	TAL1
BIRC6	ERBB4	KDSR	PIK3CA	TAL2
BLM	ERC1	KEAP1	PIK3CB	TAOK1
BMP4	ERCC1	KIAA0232	PIK3CD	TBL1XR1
BMPR1A	ERCC2	KIAA1549	PIK3CG	TBX15
BRAF	ERCC3	KIF5B	PIK3R1	TBX21
BRCA1	ERCC4	KIT	PIK3R2	TCEA1
BRCA2	ERCC5	KLF4	PIM1	TCF12
BRD1	ERCC6	KLHL6	PIMREG	TCF3

BRD3	ERG	KLK2	PITX2	TCF7
BRD4	ERLIN2	KLK3	PKM	TCF7L2
BRIP1	ESR1	KLK7	PLA2G2A	TCL1A
BRSK1	ETS1	KLRC1	PLA2G5	TCL1B
BRWD3	ETS2	KMT2A	PLAG1	TCL6
BTBD18	ETV1	KMT2B	PLAT	TCTA
BTG1	ETV4	KMT2C	PLAU	TEAD1
BTG2	ETV5	KMT2D	PLCB1	TEAD2
BTK	ETV6	KNL1	PLCB4	TEAD3
BTLA	EVI2A	KPNB1	PLCG1	TEAD4
BUB1B	EVI2B	KRAS	PLCG2	TEC
C10orf55	EWSR1	KRT1	PLEKHM2	TENM1
C11orf1	EXOSC6	KRT10	PLPP3	TENT5C
C11orf54	EXT1	KRT16	PML	TERF1
C2CD2L	EXT2	KRT17	PMS1	TERF2
CACNA1F	EYA1	KRT19	PMS2	TERT
CACNA1G	EYA2	KRT2	POFUT1	TET1
CACNA2D3	EZH2	KRT5	POLD1	TET2
CAD	EZR	KRT6A	POLD4	TFDP1
CALR	FAF1	KRT6B	POLR2H	TFE3
CAMK2A	FANCA	KRT8	POM121	TFEB
CAMK2B	FANCB	KSR1	POMGNT1	TFG
CAMK2G	FANCC	KTN1	POSTN	TFPT
CAMTA1	FANCD2	LAG3	POT1	TFRC
CANT1	FANCE	LAMA1	POU2AF1	TG
CAPRIN1	FANCF	LAMA5	POU5F1	TGFB2
CAPZB	FANCG	LAMP1	PPARG	TGFB3
CARD11	FANCI	LAMP2	PPARGC1A	TGFB1
CARM1	FANCL	LASP1	PPFIA2	TGFBR2
CARMIL2	FANCM	LCK	PPFIBP1	TGFBR3
CARS1	FAS	LCP1	PPM1D	THADA
CASP3	FASLG	LDHA	PPP1CB	THBS1
CASP7	FBN2	LDHB	PPP1R13B	THRA
CASP8	FBXO11	LDHC	PPP1R13L	THRAP3
CAV1	FBXO31	LEF1	PPP2CB	TIAM1
CBFA2T3	FBXW7	LEFTY2	PPP2R1A	TIRAP
CBFB	FCER2	LFNG	PPP2R1B	TLL2
CBL	FCGBP	LGALS3	PPP2R2B	TLR4
CBLB	FCGR1A	LGR5	PPP3CA	TLX1
CBLC	FCGR2B	LHFPL3	PPP3CB	TLX3
CCAR2	FCGR3A	LHFPL6	PPP3CC	TMEM127
CCDC28A	FCRL4	LHX2	PPP3R1	TMEM230
CCDC6	FEN1	LHX4	PPP3R2	TMEM30A
CCDC88C	FEV	LIFR	PPP4C	TMPRSS2
CCK	FGF1	LILRA4	PRCC	TNC
CCL2	FGF10	LINGO2	PRDM1	TNF

CCNA2	FGF13	LMBRD1	PRDM16	TNFAIP3
CCNB1IP1	FGF14	LMO1	PRDM7	TNFRSF10B
CCNB3	FGF19	LMO2	PRF1	TNFRSF10D
CCND1	FGF2	LMO7	PRG2	TNFRSF11A
CCND2	FGF23	LNP1	PRICKLE1	TNFRSF14
CCND3	FGF3	LOX	PRKACA	TNFRSF17
CCNE1	FGF4	LPAR1	PRKACG	TNFRSF4
CCNG1	FGF6	LPP	PRKAR1A	TNFRSF6B
CCT6B	FGF8	LPXN	PRKCA	TNFRSF8
CD14	FGF9	LRIG3	PRKCB	TNFRSF9
CD19	FGFR1	LRP1B	PRKCD	TOP1
CD1A	FGFR1OP	LRP5	PRKCG	TOP2A
CD2	FGFR1OP2	LRPPRC	PRKDC	TOP2B
CD200	FGFR2	LRRC37B	PRKG2	TP53
CD22	FGFR3	LRRC59	PRMT1	TP53BP1
CD24	FGFR4	LRRC7	PRMT8	TP63
CD247	FH	LRRK2	PROM1	TP73
CD274	FHIT	LTBP1	PRPF40B	TPD52L2
CD28	FHL2	LUC7L2	PRPF8	TPM3
CD33	FIP1L1	LYL1	PRRX1	TPM4
CD34	FLCN	LYN	PRRX2	TPO
CD36	FLI1	MACROD1	PRSS3	TPR
CD38	FLNA	MAD2L1	PRSS8	TRAF2
CD3D	FLNC	MADD	PSD3	TRAF3
CD3E	FLT1	MAF	PSEN1	TRAF5
CD3G	FLT3	MAFB	PSIP1	TRHDE
CD4	FLT3LG	MAGED1	PSMD2	TRIM24
CD40	FLT4	MAGEE1	PTBP1	TRIM27
CD40LG	FLYWCH1	MALT1	PTCH1	TRIM33
CD44	FNBP1	MAML1	PTCRA	TRIP11
CD47	FOS	MAML2	PTEN	TRPS1
CD5	FOSB	MAP2	PTGS2	TSC1
CD52	FOSL1	MAP2K1	PTK2	TSC2
CD58	FOXL2	MAP2K2	PTK2B	TSHR
CD59	FOXO1	MAP2K3	PTK7	TTF1
CD68	FOXO3	MAP2K4	PTPA	TTK
CD7	FOXO4	MAP2K5	PTPN11	TTL
CD70	FOXP1	MAP2K6	PTPN2	TUSC3
CD74	FOXP3	MAP2K7	PTPN6	TYK2
CD79A	FRK	MAP3K1	PTPRA	TYMS
CD79B	FRMPD4	MAP3K14	PTPRC	U2AF1
CD81	FRS2	MAP3K6	PTPRK	U2AF2
CD8A	FRYL	MAP3K7	PTPRO	UBE2B
CD8B	FSTL3	MAPK1	PTPRR	UBE2C

CD9	FUS	MAPK3	PTTG1	UFC1
CDC14A	FUT1	MAPK8	RABEP1	UFM1
CDC14B	FUT4	MAPK8IP2	RAC1	UPK3A
CDC25A	FZD10	MAPK9	RAC2	USP16
CDC25C	FZD2	MAPRE1	RAC3	USP42
CDC42	FZD3	MATK	RAD21	USP5
CDC73	FZD6	MAX	RAD50	USP6
CDH1	FZD7	MB21D2	RAD51	USP7
CDH11	FZD8	MBNL1	RAD51B	UTP4
CDK1	GAB1	MBTD1	RAD51C	VCAM1
CDK12	GABRG2	MCAM	RAD51D	VEGFA
CDK2	GADD45B	MCL1	RAD52	VEGFC
CDK4	GANAB	MCM3AP	RAF1	VEGFD
CDK5RAP2	GAS1	MDC1	RALGDS	VGLL3
CDK6	GAS7	MDH1	RANBP17	VHL
CDK7	GATA1	MDM2	RANBP2	VSIR
CDK8	GATA2	MDM4	RAP1GDS1	VTI1A
CDK9	GATA3	MDS2	RARA	WASF2
CDKL5	GATA6	MEAF6	RASAL1	WDCP
CDKN1A	GBP1	MECOM	RASGEF1A	WDFY3
CDKN1B	GBP2	MED12	RASGRF1	WDR1
CDKN1C	GDF6	MEF2B	RASGRF2	WDR18
CDKN2A	GFAP	MEF2C	RASGRP1	WDR70
CDKN2B	GHR	MEF2D	RB1	WDR90
CDKN2C	GID4	MELK	RBM15	WEE1
CDKN2D	GIT2	MEN1	RBM6	WIF1
CDX1	GLI1	MET	RCHY1	WNT10A
CDX2	GLI3	METTL18	RCOR1	WNT10B
CEACAM8	GMPS	METTL7B	RCSD1	WNT11
CEBPA	GNA11	MFNG	RECQL4	WNT16
CEBPB	GNA12	MGMT	REEP3	WNT2B
CEBPD	GNA13	MIB1	REG3A	WNT3
CEBPE	GNAI1	MIPOL1	RELA	WNT4
CENPF	GNAQ	MITF	RELN	WNT5B
CENPU	GNAS	MKI67	RERG	WNT6
CEP170B	GNG4	MLANA	RET	WNT7B
CEP57	GOLGA5	MLF1	RGS7	WNT8B
CEP85L	GOPC	MLH1	RHBDF2	WRN
CHCHD7	GOSR1	MLLT1	RHOA	WSB1
CHD2	GOT1	MLLT10	RHOD	WT1
CHD6	GPC3	MLLT11	RHOH	WWOX
CHEK1	GPHN	MLLT3	RICTOR	WWTR1
CHEK2	GPR34	MLLT6	RMI2	XBP1
CHIC2	GRB10	MME	RNF213	XIAP
CHL1	GRB2	MMP7	RNF217-AS1	XKR3
CHMP2B	GRHPR	MMP9	RNF43	XPA

CHN1	GRID1	MN1	ROBO1	XPC
CHST11	GRIN2A	MNAT1	ROBO2	XPO1
CHUK	GRIN2B	MNX1	ROS1	XRCC6
CIC	GRM1	MPL	RPA3	YAP1
CIITA	GRM3	MPO	RPL21	YPEL5
CILK1	GSK3B	MRE11	RPL22	YTHDF2
CIP2A	GSN	MRTFA	RPN1	YWHAE
CIT	GTF2I	MRTFB	RPN2	YY1AP1
CKB	GTSE1	MS4A1	RPS21	ZAP70
CKS1B	GYPA	MSH2	RPS6KA1	ZBTB16
CLP1	GZMA	MSH3	RPS6KA2	ZC3H7A
CLTA	GZMB	MSH6	RPS6KA3	ZC3H7B
CLTC	H1-2	MSI2	RPTOR	ZFP64
CLTCL1	H1-3	MSN	RREB1	ZFPM2
CMKLR1	H1-4	MTAP	RRM1	ZFTA
CNBP	H2AC11	MTCP1	RRM2B	ZFYVE19
CNOT2	H2AC16	MTOR	RTEL1	ZIC2
CNTN1	H2AC17	MTUS2	RTEL1-TNFRSF6B	ZMIZ1
CNTRL	H2AC6	MUC1	RTL8B	ZMYM2
COG5	H2AX	MUC16	RTN3	ZMYM3
COL11A1	H2BC11	MUTYH	RUNX1	ZMYND11
COL1A1	H2BC12	MYB	RUNX1T1	ZNF207
COL1A2	H2BC17	MYBL1	RUNX2	ZNF217
COL3A1	H2BC4	MYC	RYR3	ZNF24
COL6A3	H2BC5	MYCL	S1PR2	ZNF331
COL9A3	H3-3A	MYCN	SARNP	ZNF384
COMMD1	H3C2	MYD88	SATB2	ZNF444
COX6C	H4C9	MYH11	SBDS	ZNF521
CPNE1	HAS2	MYH9	SCGB2A2	ZNF585B
CPS1	HAVCR2	MYO18A	SCN8A	ZNF687
CPSF6	HDAC1	MYO1F	SDC1	ZNF703
CRADD	HDAC2	NAB2	SDC4	ZRSR2
CREB1	HDAC3	NACA	SDHA	
CREB3L1	HDAC4	NAMPT	SDHAF2	
CREB3L2	HDAC5	NAPA	SDHB	
CREBBP	HDAC6	NAPSA	SDHC	