



PANEL GENE LIST

Reporting Genes with RNA Fusion (648)									
ABI1	ABL1	ABL2	ACACA	ACAD10	ACE	ACER1	ACKR3	ACSL6	ADD3
ADGRF5	ADGRG7	AFDN	AFF1	AFF3	AFF4	AGBL4	AGR3	AHI1	AHRR
AKT3	ALK	ANKRD28	AR	ARHGAP20	ARHGAP26	ARHGEF2	ARID1A	ARID1B	ARNT
ASPSCR1	ASTN2	ATF1	ATIC	ATP1B4	ATXN1	AUTS2	AXL	BACH2	BAG4
BAIAP2L1	BAP1	BAZ2A	BCAN	BCAS3	BCAS4	BCL2	BCL2L1	BCL3	BCL6
BCL9	BCL10	BCL11A	BCL11B	BCOR	BCORL1	BCR	BDNF	BEND2	BEND5
BICC1	BIRC3	BIRC6	BRAF	BRAP	BRCA1	BRCA2	BRD1	BRD3	BRD4
BRWD3	BTBD1	BTBD18	BTG1	C2CD2L	C11orf1	CAMTA1	CAPRIN1	CAPZA2	CARS1
CASP7	CBFA2T3	CBFB	CBL	CCAR2	CCDC6	CCDC28A	CCDC88A	CCDC88C	CCNB1IP1
CCNB3	CCND1	CCND2	CCND3	CD28	CD63	CD74	CD274	CDH11	CDK4
CDK5RAP2	CDK6	CDKN2A	CDKN2B	CDKN2D	CDX1	CDX2	CEBPA	CEBPB	CEBPD
CEBPE	CEP43	CEP85L	CEP170B	CHCHD3	CHD6	CHD7	CHIC2	CHMP2B	CHST11
CHTOP	CIC	CIITA	CIP2A	CLCN6	CLIP2	CLP1	CLTC	CLTCL1	CMKLR1
CNBP	CNOT2	CNTRL	COG5	COL1A1	COL1A2	COL6A3	COX6C	CPSF6	CRADD
CREB1	CREB3L1	CREB3L2	CREBBP	CREM	CRLF2	CRTC1	CSF1	CSF1R	CTDSP2
CTNNA3	CTNNB1	CUX1	CXXC5	DAB2IP	DACH1	DACH2	DDIT3	DDX10	DDX20
DEK	DHH	DLGAP1	DMRT1	DNAJB1	DPM1	DUSP22	DUX4	EBF1	EEFSEC
EGFR	EGR1	EGR2	EGR3	EGR4	EIF3E	EIF3K	EIF4A2	ELF4	ELK4
ELL	ELN	ELOC	EML1	EML4	EP300	EP400	EPC1	EPHB1	EPOR
EPS15	ERBB2	ERBB3	ERC1	ERCC1	ERG	ERLIN2	ESR1	ETS1	ETV1
ETV4	ETV5	ETV6	EWSR1	EZR	FAM118B	FAM131B	FCGR2B	FCRL4	FEN1
FEV	FGF8	FGFR1	FGFR1OP2	FGFR2	FGFR3	FGFR4	FH	FHIT	FIP1L1
FLI1	FLNA	FLT1	FLT3	FLT3LG	FNBP1	FOS	FOSB	FOSL1	FOXO1
FOXO4	FOXP1	FOXR1	FOXR2	FRK	FRYL	FUS	FXR1	GAS7	GATA1
GIGYF2	GIT2	GLI1	GNA11	GOPC	GOSR1	GOT1	GPBP1L1	GPR34	GRHPR
GRID1	GRM1	GTF2I	H2AX	H4C9	HAS2	HEY1	HHEX	HIP1	HIPK1
HLF	HMGA2	HNF1A	HOXA9	HOXA10	HOXA11	HOXA13	HOXC11	HOXC13	HOXD11
HOXD13	HSP90AA1	ID4	IKZF1	IL2	IL3	IL21R	INPP5D	IQCG	IRAG2
IRF4	IRF2BP2	IRS4	ITK	JAK1	JAK2	JAZF1	JMJD1C	JPX	KANK1
KAT6A	KAT6B	KCTD8	KCTD16	KDM5A	KDR	KIAA1549	KIF5B	KIT	KLHL14
KMT2A	KNL1	KPNB1	KRAS	KSR1	LAMTOR1	LASP1	LCK	LCP1	LEUTX
LGR5	LHFPL6	LHX2	LHX4	LMBRD1	LMNA	LMO1	LMO2	LNP1	LPP
LPXN	LRRC37B	LTBP1	LYL1	MACF1	MACROD1	MAD1L1	MAF	MAFB	MALT1
MAML2	MAMLD1	MAP2	MAP3K8	MAPKAPK5	MAPRE1	MAST2	MBNL1	MBTD1	MEAF6
MECOM	MEN1	MET	MKRN1	MLF1	MLLT1	MLLT3	MLLT6	MLLT10	MLLT11
MN1	MNX1	MRTFA	MRTFB	MSH2	MSI2	MSN	MUC1	MUTYH	MYB
MYBL1	MYC	MYH9	MYH11	MYO1F	MYO18A	NAB2	NACC2	NAPA	NBR1



NCOA1	NCOA2	NCOA3	NCOA4	NDE1	NF1	NF2	NFASC	NFATC2	NFIB
NGF	NGFR	NIN	NIPBL	NKX2-5	NONO	NOS1AP	NOTCH1	NOTCH2	NOTCH3
NPM1	NR4A3	NR6A1	NRG1	NSD1	NSD2	NSD3	NT5C2	NTF3	NTF4
NTRK1	NTRK2	NTRK3	NUMA1	NUP98	NUP107	NUP214	NUTM1	NUTM2A	NUTM2B
OFD1	OGA	OGT	OLIG2	OLR1	OMD	P2RY8	PAPPA	PATZ1	PAX3
PAX5	PAX7	PAX8	PBX1	PCDHGA1	PCM1	PDCD1LG2	PDE4DIP	PDGFB	PDGFD
PDGFRA	PDGFRB	PDPN	PER1	PHF1	PHF23	PICALM	PIK3CA	PIM1	PLAG1
PLAGL1	PLPP3	PLXNA1	PML	POM121	POU2AF1	POU5F1	PPARG	PPARGC1A	PPFIBP1
PPP1CB	PPP1R12A	PPP2R1B	PRCC	PRDM10	PRDM16	PRKACA	PRKAR1A	PRKAR2A	PRKCA
PRKCB	PRKCD	PRKG2	PRRX2	PSIP1	PSMD2	PSPH	PTPRK	PTPRR	PTPRZ1
QKI	RAB3IP	RABEP1	RAD51B	RAF1	RANBP2	RAP1GDS1	RARA	RASGRF1	RASGRF2
RB1	RBM6	RBM10	RBM15	RCOR1	RCSD1	RELA	RET	RGL3	RHEBL1
RHOH	RNF130	RNF213	ROS1	RPL22	RPN1	RPS6KB1	RREB1	RRM1	RSP02
RSP03	RTEL1	RUNX1	RUNX1T1	SARNP	SART3	SASH1	SEC31A	SEPTIN2	SEPTIN5
SEPTIN6	SEPTIN9	SEPTIN14	SERPINE1	SERPINF1	SET	SETBP1	SFPQ	SH3D19	SH3GL1
SIK3	SLC34A2	SLC44A1	SLC45A3	SLCO1B3	SMAP1	SMARCA2	SMARCA5	SMARCB1	SORBS2
SORT1	SP3	SPECC1	SPECC1L	SPTBN1	SQSTM1	SRF	SRGAP3	SRSF3	SS18
SS18L1	SSBP2	SSX1	SSX2	SSX4	ST6GAL1	ST7	STAT5B	STAT6	STRN
SUGP2	SUZ12	SYK	SYNDIG1L	TACC1	TACC2	TACC3	TAF15	TAF12	TAL1
TAL2	TAOK1	TBC1D2	TBL1XR1	TBX15	TCF3	TCF12	TCF7L2	TCL1A	TCTA
TEAD1	TEAD2	TEAD3	TEAD4	TEC	TENM1	TERT	TET1	TET2	TFE3
TFG	TFPT	TFRC	TGFBR3	THADA	THBS1	THRAP3	TIRAP	TLX1	TLX3
TMPRSS2	TNFRSF17	TOP1	TOP2B	TP53	TP63	TP53BP1	TPM3	TPM4	TPR
TRHDE	TRIM24	TRIP11	TRPS1	TTYH1	USP2	USP6	USP8	USP16	USP42
UST	VAV1	VGLL1	VGLL2	VGLL3	VGLL4	VHL	VMP1	VTI1A	VWC2
WASF2	WDFY2	WDR18	WDR70	WSB1	WT1	WWTR1	XIAP	YAP1	YTHDF2
YWHAE	ZBTB16	ZC3H7A	ZC3H7B	ZFP64	ZFPM2	ZFTA	ZFYVE19	ZMIZ1	ZMYM2
ZMYND11	ZNF207	ZNF384	ZNF444	ZNF521	ZNF585B	ZNF687	ZSCAN23		