

GENE LIST / LISTE DE GÈNES

Fusions - Actionable Genes / Gènes actionables									
ABL1	ALK	ATF1	AXL	BCL2	BCL6	BCR	BRAF	BRCA1	BRCA2
CBFB	CD74	EGFR	EIF3E	EML4	ERBB2	ERG	ESR1	ETV4	EWSR1
FGFR1	FGFR2	FGFR3	FGFR4	FIP1L1	FLI1	KMT2A	MAST1	MET	MYC
MYH11	NFKB2	NOTCH1	NRG1	NTRK1	NTRK2	NTRK3	PAX8	PDGFRA	PDGFRB
PML	PPARG	PTPRK	QKI	RAF1	RARA	RET	ROS1	RSPO2	RSPO3
RUNX1	TERT	TMPRSS2							

Fusions - Clinically relevant genes / Gènes cliniquement pertinents									
ABCC3	ABCC4	ABI1	ABL2	ABLIM1	ACACA	ACE	ACER1	ACKR3	ACSBG1
ACSL3	ACSL6	ACVR1B	ACVR1C	ACVR2A	ADD3	ADM	AFF1	AFF3	AFF4
AGR3	AHCYL1	AHI1	AHR	AHRR	AIP	AK2	AK5	AKAP12	AKAP6
AKAP9	AKR1C3	AKT1	AKT2	AKT3	ALDH1A1	ALDH2	ALDOC	AMER1	AMH
ANGPT1	ANKRD28	ANLN	APC	APH1A	APLP2	APOD	AR	ARAF	ARFRP1
ARHGAP20	ARHGAP26	ARHGEF12	ARHGEF7	ARID1A	ARID2	ARIH2	ARNT	ARRDC4	ASMTL
ASPH	ASPSCR1	ASTN2	ASXL1	ATF3	ATG13	ATG5	ATIC	ATL1	ATM
ATP1B4	ATP8A2	ATR	ATRN1	ATRX	ATXN1	AURKA	AURKB	AUTS2	AXIN1
BACH1	BACH2	BAG4	BAIAP2L1	BAP1	BARD1	BAX	BAZ2A	BCAS3	BCAS4
BCL10	BCL11A	BCL11B	BCL2A1	BCL2L1	BCL2L2	BCL3	BCL7A	BCL9	BCOR
BCORL1	BDNF	BHLHE22	BICC1	BIN1	BIRC3	BIRC6	BLM	BMP4	BMPR1A
BRD1	BRD3	BRD4	BRIP1	BRSK1	BRWD3	BTBD18	BTG1	BTG2	BTM
BTM	BUB1B	C11orf1	C11orf30	C11orf54	C11orf95	C2CD2L	C2orf44	C3orf27	CACNA1F
CACNA1G	CACNA2D3	CAD	CALR	CAMK2A	CAMK2B	CAMK2G	CAMTA1	CANT1	CAPRIN1
CAPZB	CARD11	CARM1	CARS	CASC5	CASP3	CASP7	CASP8	CAV1	CBFA2T3
CBL	CBLB	CBLC	CCAR2	CCDC28A	CCDC6	CCDC88C	CCK	CCL2	CCNA2
CCNB1IP1	CCNB3	CCND1	CCND2	CCND3	CCNE1	CCNG1	CCT6B	CD19	CD22
CD274	CD28	CD36	CD44	CD58	CD70	CD79A	CD79B	CD8A	CDC14A
CDC14B	CDC25A	CDC25C	CDC42	CDC73	CDH1	CDH11	CDK1	CDK12	CDK2
CDK4	CDK5RAP2	CDK6	CDK7	CDK8	CDK9	CDKL5	CDKN1A	CDKN1B	CDKN1C
CDKN2A	CDKN2B	CDKN2C	CDKN2D	CDX1	CDX2	CEBPA	CEBPB	CEBPD	CEBPE
CENPF	CENPU	CEP170B	CEP57	CEP85L	CHCHD7	CHD2	CHD6	CHEK1	CHEK2
CHIC2	CHL1	CHMP2B	CHN1	CHST11	CHUK	CIC	CIITA	CIRH1A	CIT
CKB	CKS1B	CLP1	CLTA	CLTC	CLTCL1	CMKLR1	CNBP	CNOT2	CNTN1
CNTRL	COG5	COL11A1	COL1A1	COL1A2	COL3A1	COL6A3	COL9A3	COMMD1	COX6C
CPNE1	CPS1	CPSF6	CRADD	CREB1	CREB3L1	CREB3L2	CREBBP	CRKL	CRLF2
CRTC1	CRTC3	CSF1	CSF1R	CSF3	CSF3R	CSNK1G2	CSNK2A1	CTCF	CTDSP2
CTLA4	CTNNA1	CTNNB1	CTNND2	CTRB1	CTSA	CUX1	CXCL8	CXCR4	CXXC4
CYFIP2	CYLD	CYP1B1	CYP2C19	DAB2IP	DACH1	DACH2	DAXX	DCLK2	DCN
DDB2	DDIT3	DDR2	DDX10	DDX20	DDX39B	DDX3X	DDX5	DDX6	DEK
DGKB	DGKI	DGKZ	DICER1	DIRAS3	DIS3L2	DKK1	DKK2	DKK4	DLEC1
DLL1	DLL3	DLL4	DMRT1	DMRTA2	DNAJB1	DNASE2	DNM1	DNM2	DNM3



DNMT1	DNMT3A	DOCK1	DOT1L	DPM1	DPYD	DST	DTX1	DTX4	DUSP2
DUSP22	DUSP26	DUSP9	DUX4	E2F1	EBF1	ECHDC1	ECT2L	EDIL3	EDNRB
EED	EEFSEC	EGF	EGR1	EGR2	EGR3	EGR4	EIF4A2	EIF4E	ELF4
ELK4	ELL	ELN	ELOVL2	ELP2	EML1	ENPP2	EP300	EP400	EPC1
EPCAM	EPHA10	EPHA2	EPHA3	EPHA5	EPHA7	EPHB1	EPHB6	EPO	EPOR
EPS15	ERBB3	ERBB4	ERC1	ERCC1	ERCC2	ERCC3	ERCC4	ERCC5	ERCC6
ERLIN2	ETS1	ETS2	ETV1	ETV5	ETV6	EXOSC6	EXT1	EXT2	EYA1
EYA2	EZH2	EZR	FAF1	FAM127C	FAM19A2	FAM19A5	FAM46C	FAM64A	FANCA
FANCB	FANCC	FANCD2	FANCE	FANCF	FANCG	FANCI	FANCL	FANCM	FAS
FASLG	FBN2	FBXO11	FBXO31	FBXW7	FCGBP	FCGR2B	FCRL4	FEN1	FEV
FGF1	FGF10	FGF13	FGF14	FGF19	FGF2	FGF23	FGF3	FGF4	FGF6
FGF8	FGF9	FGFR1OP	FGFR1OP2	FGR	FH	FHIT	FHL2	FIGF	FLCN
FLNA	FLNC	FLT1	FLT3	FLT3LG	FLT4	FLYWCH1	FNBP1	FOS	FOSB
FOSL1	FOXL2	FOXO1	FOXO3	FOXO4	FOXP1	FRK	FRMPD4	FRS2	FRYL
FSTL3	FUS	FUT1	FZD10	FZD2	FZD3	FZD6	FZD7	FZD8	GAB1
GABRG2	GADD45B	GANAB	GAS1	GAS5	GAS7	GATA1	GATA2	GATA3	GATA6
GATAD2A	GBP2	GDF6	GFAP	GHR	GID4	GIT2	GLI1	GLI3	GMPS
GNA11	GNA12	GNA13	GNAI1	GNAQ	GNAS	GNG4	GOLGA5	GOPC	GORASP2
GOSR1	GOT1	GPC3	GPHN	GPR107	GPR124	GPR128	GPR34	GRB10	GRB2
GRHPR	GRID1	GRIN2A	GRIN2B	GRM1	GRM3	GSK3B	GSN	GSTT1	GTF2I
GTSE1	H2AFX	H3F3A	HAS2	HDAC1	HDAC2	HDAC3	HDAC4	HDAC5	HDAC6
HDAC7	HECW1	HEPH	HERPUD1	HES1	HES5	HEY1	HGF	HHEX	HIF1A
HIP1	HIPK1	HIPK2	HIST1H1C	HIST1H1D	HIST1H1E	HIST1H2AC	HIST1H2AG	HIST1H2AL	HIST1H2AM
HIST1H2BC	HIST1H2BJ	HIST1H2BK	HIST1H2BO	HIST1H3B	HIST1H4I	HLF	HMGA1	HMGA2	HMGB1
HMG2N2P46	HNF1A	HNRNPA2B1	HOOK3	HOXA10	HOXA11	HOXA13	HOXA3	HOXA9	HOXC11
HOXC13	HOXD11	HOXD13	HOXD9	HRAS	HSP90AA1	HSP90AB1	HSPA1A	HSPA2	HSPA4
HSPA5	HTRA1	HUWE1	IBSP	ICAM1	ICK	ID1	ID3	ID4	IDH1
IDH2	IFNG	IFRD1	IGF1	IGF1R	IGFBP2	IGFBP3	IKBKB	IKBKE	IKZF1
IKZF2	IKZF3	IL12RB2	IL13	IL13RA2	IL15	IL1B	IL1R1	IL1RAP	IL2
IL21R	IL2RA	IL3	IL6	IL7R	INHBA	INPP4A	INPP4B	INPP5A	INPP5D
INSR	IQCG	IRF1	IRF2BP2	IRF4	IRF8	IRS1	IRS2	IRS4	ITGA5
ITGA7	ITGA8	ITGAV	ITGB3	ITK	ITPKA	JAG2	JAK1	JAK2	JAK3
JARID2	JAZF1	JUN	KALRN	KANK1	KAT2B	KAT6A	KAT6B	KCNB1	KDM1A
KDM2B	KDM4C	KDM5A	KDM5C	KDM6A	KDR	KDSR	KEAP1	KIAA0232	KIAA1524
KIAA1549	KIAA1598	KIF5B	KIT	KLF4	KLHL6	KLK2	KLK7	KMT2B	KMT2C
KMT2D	KPNB1	KRAS	KSR1	KTN1	LAMA1	LAMA5	LAMP2	LASP1	LCK
LCP1	LEF1	LEFTY2	LFNG	LGALS3	LGR5	LHFP	LHX2	LHX4	LIFR
LINC00598	LINC00982	LINGO2	LMBRD1	LMO1	LMO2	LMO7	LNP1	LOX	LPAR1
LPP	LPXN	LRIG3	LRMP	LRP1B	LRP5	LRPPRC	LRRC37B	LRRC59	LRRC7
LRRK2	LTBP1	LYL1	LYN	MACROD1	MAD2L1	MADD	MAF	MAFB	MAGED1
MAGEE1	MALAT1	MALT1	MAML1	MAML2	MAP2	MAP2K1	MAP2K2	MAP2K3	MAP2K4
MAP2K5	MAP2K6	MAP2K7	MAP3K1	MAP3K14	MAP3K6	MAP3K7	MAPK1	MAPK3	MAPK8
MAPK8IP2	MAPK9	MAPRE1	MAST2	MATK	MAX	MB21D2	MBNL1	MBTD1	MCL1



MDC1	MDH1	MDM2	MDM4	MDS2	MEAF6	MECOM	MED12	MEF2B	MEF2C
MEF2D	MELK	MEN1	METTL18	METTL7B	MFNG	MGEA5	MGMT	MIB1	MIPOL1
MITF	MKI67	MKL1	MKL2	MLF1	MLH1	MLLT1	MLLT10	MLLT11	MLLT3
MLLT4	MLLT6	MMP7	MMP9	MN1	MNAT1	MNX1	MPL	MRE11A	MSH2
MSH3	MSH6	MSI2	MSMB	MSN	MTCP1	MTHFD1L	MTOR	MTUS2	MUC1
MUSK	MUTYH	MYB	MYBL1	MYCL	MYCN	MYD88	MYH9	MYO18A	MYO1F
NAB2	NACA	NAPA	NAV3	NBEAP1	NBN	NBR1	NCAM1	NCKIPSD	NCOA1
NCOA2	NCOA3	NCOA4	NCOR2	NCSTN	NDC80	NDE1	NDRG1	NDUFAF1	NEDD4
NEURL1	NF1	NF2	NFATC1	NFATC2	NFE2L2	NFIB	NFKB1	NFKBIA	NGF
NGFR	NIN	NIPBL	NKX2-1	NKX2-5	NOD1	NODAL	NONO	NOS3	NOTCH2
NOTCH3	NOTCH4	NPM1	NPM2	NR3C1	NR4A3	NR6A1	NRAS	NSD1	NT5C2
NTF3	NTF4	NUMA1	NUMBL	NUP107	NUP214	NUP93	NUP98	NUTM1	NUTM2A
NUTM2B	OFD1	OLIG1	OLIG2	OLR1	OMD	P2RY8	PAFAH1B2	PAG1	PAK1
PAK3	PAK6	PAK7	PALB2	PAPPA	PASK	PATZ1	PAX3	PAX5	PAX7
PBRM1	PBX1	PC	PCBP1	PCLO	PCM1	PCNA	PCSK7	PDCD1	PDCD11
PDCD1LG2	PDE4DIP	PDGFA	PDGFB	PDGFD	PDK1	PEG3	PER1	PFDN5	PHB
PHF1	PHF23	PHF6	PHIP	PHOX2B	PI4KA	PICALM	PIK3CA	PIK3CB	PIK3CD
PIK3CG	PIK3R1	PIK3R2	PIM1	PKM	PKN1	PLA2G2A	PLA2G5	PLAG1	PLAT
PLAU	PLCB1	PLCB4	PLCG1	PLCG2	PLEKHM2	PMS1	PMS2	POFUT1	POLD1
POLD4	POLR2H	POM121	POMGNT1	POSTN	POT1	POU2AF1	POU5F1	PPAP2B	PPARGC1A
PPFIA2	PPFIBP1	PPM1D	PPP1CB	PPP1R13B	PPP1R13L	PPP2CB	PPP2R1A	PPP2R1B	PPP2R2B
PPP2R4	PPP3CA	PPP3CB	PPP3CC	PPP3R1	PPP3R2	PPP4C	PQLC3	PRCC	PRDM1
PRDM16	PRDM7	PRF1	PRG2	PRICKLE1	PRKACA	PRKACG	PRKAR1A	PRKCA	PRKCB
PRKCD	PRKCG	PRKDC	PRKG2	PRMT1	PRMT8	PROM1	PRRX1	PRRX2	PRSS8
PSD3	PSEN1	PSIP1	PSMD2	PTBP1	PTCH1	PTCRA	PTEN	PTGS2	PTK2
PTK2B	PTK7	PTPN11	PTPN2	PTPN6	PTPRA	PTPRO	PTPRR	PTTG1	PVT1
RABEP1	RAC1	RAC2	RAC3	RAD21	RAD50	RAD51	RAD51B	RAD51C	RAD51D
RAD52	RALGDS	RANBP17	RANBP2	RAP1GDS1	RASAL1	RASGEF1A	RASGRF1	RASGRF2	RASGRP1
RB1	RBM15	RBM6	RCHY1	RCOR1	RCSD1	RECQL4	REEP3	RELA	RELN
RERG	RGS7	RHBDF2	RHOA	RHOD	RHOH	RICTOR	RLTPR	RM12	RNF213
RNF43	ROBO1	ROBO2	RPA3	RPL22	RPN1	RPN2	RPS21	RPS6KA1	RPS6KA2
RPS6KA3	RPTOR	RREB1	RRM1	RRM2B	RTKL1	RTN3	RUNX1T1	RUNX2	RYS3
S1PR2	SARNP	SBDS	SCN8A	SDC4	SDHA	SDHAF2	SDHB	SDHC	SDHD
SEC31A	SEC31A	SEC31A	SEC31A	SEC31A	SERP2	SERPINE1	SERPINF1	SET	SETBP1
SETD2	SETD7	SF3B1	SFPQ	SFRP2	SFRP4	SGK1	SGPP2	SH2D5	SH3BP1
SH3D19	SH3GL1	SH3GL2	SHC1	SHC2	SIK3	SIN3A	SIRT1	SKP2	SLC1A2
SLC34A2	SLC45A3	SLC7A5	SLCO1B3	SLX4	SMAD2	SMAD3	SMAD4	SMAD6	SMAP1
SMARCA1	SMARCA4	SMARCA5	SMARCB1	SMC1A	SMC3	SMO	SNAPC3	SNCG	SNHG5
SNW1	SNX29	SNX9	SOCS1	SOCS2	SOCS3	SOD2	SORBS2	SORT1	SOS1
SOX10	SOX11	SOX2	SP1	SP3	SPDYE4	SPECC1	SPEN	SPOP	SPP1
SPRY2	SPRY4	SPTAN1	SPTBN1	SQSTM1	SRC	SRF	SRGAP3	SRRM3	SRSF2
SRSF3	SS18	SS18L1	SSBP2	SSX1	SSX2	SSX4	ST6GAL1	STAG2	STAT1
STAT3	STAT4	STAT5A	STAT5B	STAT6	STIL	STK11	STL	STRN	STX5



STYK1	SUFU	SUGP2	SULF1	SUV39H2	SUZ12	SYK	SYP	TACC1	TACC2
TACC3	TAF1	TAF15	TAF6L	TAL1	TAL2	TAOK1	TBL1XR1	TBX15	TCEA1
TCF12	TCF3	TCF7L2	TCL1A	TCL6	TCTA	TEAD1	TEAD2	TEAD3	TEAD4
TEC	TENM1	TERF1	TERF2	TET1	TET2	TFAP2A	TFDP1	TFE3	TFEB
TFG	TFPT	TFRC	TGFB2	TGFB3	TGFB1	TGFB2	TGFB3	THADA	THBS1
THRAP3	TIAM1	TIRAP	TLL2	TLR4	TLX1	TLX3	TMEM127	TMEM230	TMEM30A
TMEM66	TNC	TNF	TNFAIP3	TNFRSF10B	TNFRSF10D	TNFRSF11A	TNFRSF14	TNFRSF17	TNFRSF6B
TOP1	TOP2A	TOP2B	TP53	TP53BP1	TP63	TP73	TPD52L2	TPM3	TPM4
TPO	TPR	TRAF2	TRAF3	TRAF5	TRHDE	TRIM24	TRIM27	TRIM33	TRIP11
TRPS1	TSC1	TSC2	TSHR	TTK	TTL	TUSC3	TYK2	TYMS	U2AF1
U2AF2	UBE2B	UBE2C	UFC1	UFM1	USP16	USP42	USP5	USP6	USP7
VCAM1	VEGFA	VEGFC	VGLL3	VHL	VTI1A	WASF2	WDFY3	WDR1	WDR18
WDR70	WDR90	WEE1	WHSC1	WHSC1L1	WIF1	WISP3	WNT10A	WNT10B	WNT11
WNT16	WNT2B	WNT3	WNT4	WNT5B	WNT6	WNT7B	WNT8B	WRN	WSB1
WT1	WWOX	WWTR1	XBP1	XIAP	XKR3	XPA	XPC	XPO1	XRCC6
YAP1	YPEL5	YTHDF2	YWHAE	YY1AP1	ZBTB16	ZC3H7A	ZC3H7B	ZFP64	ZFPM2
ZFYVE19	ZIC2	ZMIZ1	ZMYM2	ZMYM3	ZMYND11	ZNF207	ZNF217	ZNF24	ZNF331
ZNF384	ZNF444	ZNF521	ZNF585B	ZNF687	ZNF703	ZRSR2			