

Gene list somatic:

ABCB1	CCR4	DDR1	FGF2	IGF1R	MET	PAK4	PTPRK	SMARCE1	VHL
ABCB5	CCR5	DDR2	FGF3	IKZF1	MITF	PALB2	RAB35	SMO	VSIR
ABL1	CD19	DICER1	FGF4	IL21R	MLH1	PARP1	RAD18	SOCS1	WIF1
ABL2	CD27	DIS3L2	FGFR1	IL6	MLH3	PARP2	RAD50	SOX10	WNK2
ABRAXAS1	CD274	DLEU1	FGFR2	IL6R	MLLT1	PARP3	RAD51	SPTA1	WRN
ADORA2A	CD276	DLL3	FGFR3	IL6ST	MMS19	PAX3	RAD51AP1	SRC	WT1
AIP	CD40	DNMT3A	FGFR4	IL7R	MN1	PAX5	RAD51B	SRSF2	WWTR1
AKT1	CD5	DOT1L	FH	IRF4	MPL	PAX7	RAD51C	SS18	XAB2
AKT2	CD70	DUX4	FLCN	IRS2	MRE11	PBRM1	RAD51D	SSRP1	XPA
AKT3	CD79B	EGF	FLI1	JAK1	MS4A1	PDCD1	RAD54B	SSTR1	XPC
ALK	CD99	EGFL7	FLT1	JAK2	MSH2	PDCD1LG2	RAD54L	SSTR2	XPO1
APC	CDC73	EGFR	FLT3	JAK3	MSH6	PDGFA	RAF1	SSTR3	XRCC1
AR	CDH1	EGLN1	FLT4	JAZF1	MSLN	PDGFB	RAP1B	SSTR4	XRCC2
ARAF	CDH17	EGLN2	FOLH1	JUN	MST1R	PDGFRA	RARA	SSTR5	XRCC3
ARHGAP26	CDK1	EHBP1	FOXL2	KDM5A	MTOR	PDGFRB	RASA1	SSX1	YAP1
ARHGAP6	CDK12	EP300	FOXO1	KDM5C	MUTYH	PELP1	RASA2	SSX2	YWHAE
ARHGGEF12	CDK2	EPAS1	FOXP1	KDM6A	MYB	PHF1	RB1	STAT3	ZNF217
ARID1A	CDK4	EPCAM	FUS	KDR	MYC	PHF6	RECQL	STAT5B	
ASCL1	CDK5	EPHA3	FYN	KIF1B	MYCL1	PHLPP1	RECQL4	STAT6	
ASPSCR1	CDK6	EPHA5	GAK	KIR2DL1	MYCN	PHOX2B	RET	STK11	
ATM	CDK9	EPHB2	GAS6	KIR2DL2	MYCT1	PIK3C2G	RHBDF2	STK36	
ATR	CDKN1A	ERBB2	GATA2	KIR2DL3	MYD88	PIK3CA	RHEB	SUFU	
ATRX	CDKN1B	ERBB3	GLI1	KIT	MYEOV	PIK3CD	RHOA	SUZ12	
AURKA	CDKN1C	ERBB4	GLI2	KITLG	MYOD1	PIK3R1	RICTOR	SYK	
AURKC	CDKN2A	ERCC1	GLI3	KLB	NAB2	PIK3R2	RINT1	TACSTD2	
AXL	CDKN2B	ERCC2	GNA11	KMT2A	NAMPT	PIK3R5	RIT1	TEAD1	
B2M	CDKN2C	ERCC3	GNAQ	KMT2B	NBN	PIM1	RNF2	TEK	
BAP1	CDKN2D	ERCC4	GNAS	KMT2C	NCOA2	PIM2	RNF43	TERT	
BARD1	CEBPA	ERCC5	GPC3	KMT2D	NDRG1	PLAG1	ROR1	TET1	
BCL2	CEP57	ERCC6	GPRC5A	KRAS	NF1	PLK1	ROS1	TET2	
BCL3	CHEK1	ERG	GRM1	KSR2	NF2	PLK2	RPA1	TFE3	
BCL6	CHEK2	ERRF1	GSTM1	LAG3	NFATC1	PLK3	RPTOR	TGFB1	
BCL9	CIC	ESR1	GSTT1	LATS1	NFIB	PMEL	RRAS2	TMEM127	
BCOR	CLDN18	ETS1	H3F3A	LCK	NFKBIA	PMS1	RSPO2	TMPRSS2	
BLM	CLDN6	EWSR1	HAVCR2	LIG1	NFKBIE	PMS2	RSPO3	TMSB4X	
BMPR1A	CREBBP	EXT1	HDAC2	LMTK3	NOTCH1	PNKP	RUNX1	TNFAIP3	
BRAF	CREBRF	EXT2	HEY1	LPP	NOTCH2	POLD1	SBDS	TNFRSF18	
BRCA1	CRKL	EZH2	HGF	LZTR1	NR4A3	POLE	SDHA	TNFRSF4	
BRCA2	CRTC1	FAM30A	HLA-A	MAGEA3	NRAS	PPM1D	SDHAF2	TNFRSF9	
BRD2	CSF1R	FANCA	HORMAD1	MALAT1	NRG1	PRAME	SDHB	TP53	
BRD3	CSF2RA	FANCB	HORMAD2	MAML2	NRG2	PRF1	SDHC	TPTE	
BRD4	CSF3R	FANCC	HPS1	MAP2K1	NRG3	PRKACA	SDHD	TRAP1	
BRIP1	CTAG1B	FANCD2	HRAS	MAP2K2	NRG4	PRKAR1A	SEM1	TRIM37	
BTK	CTLA4	FANCE	HSP90AA1	MAP3K1	NSD1	PTCH1	SETD2	TSC1	
BUB1B	CTNNB1	FANCF	HSP90AB1	MAP3K6	NT5E	PTCH2	SF3B1	TSC2	
CAMTA1	CXCL12	FANCG	HSP90B1	MAX	NTRK1	PTEN	SHH	TSHR	
CARD11	CXCR4	FANCI	ICOS	MCL1	NTRK2	PTGFR	SLC39A6	TSSK3	
CBL	CYLD	FANCL	ID2	MDH2	NTRK3	PTPN1	SLFN11	TYR	
CCND1	CYP3A5	FANCM	ID3	MDM2	NUDT1	PTPN11	SLX4	UBE2N	
CCND2	DAXX	FAS	IDH1	MDM4	NUTM1	PTPN12	SMAD4	USP11	
CCND3	DDB1	FASLG	IDH2	MED12	OSM	PTPN2	SMARCA4	USP6	
CCNE1	DDB2	FBXW7	IDO1	MEN1	OSMR	PTPRF	SMARCAL1	VEGFA	
CCR2	DDIT3	FGF1	IDO2	MERTK	P3H1	PTPRJ	SMARCB1	VEGFB	

Gene list germline:

APC
ATM
BAP1
BARD1
BRCA1
BRCA2
BRIP1
CDKN2A
CHEK2
DICER1
FH
FLCN
MLH1
MSH2
MSH6
MUTYH
NF1
PALB2
PMS2
POLD1
POLE
PTCH1
PTEN
RAD51C
RAD51D
RB1
RET
SDHA
SDHAF2
SDHB
SDHC
SDHD
SMAD3
SMARCA4
SMARCB1
SUFU
TMEM127
TP53
TSC2
VHL