



PANEL GENE LIST

Reporting Genes with DNA Copy Number Variant (459)									
ABL1	ABL2	ACSL3	ACVR1B	ADGRA2	AFDN	AGO2	AKAP9	AKT1	AKT2
AKT3	ALK	AMER1	APC	AR	ARAF	ARFRP1	ARID1A	ARID1B	ARID2
ASXL1	ASXL2	ATF1	ATM	ATP1A1	ATR	ATRX	AURKA	AURKB	AXIN1
AXIN2	AXL	B2M	BAP1	BARD1	BCL10	BCL2	BCL2L1	BCL2L11	BCL2L2
BCL6	BCOR	BCORL1	BCR	BIRC3	BLM	BMPR1A	BRAF	BRCA1	BRCA2
BRD4	BRIP1	BTG1	BTK	CALR	CAMTA1	CANX	CARD11	CASP8	CBFB
CBL	CCND1	CCND2	CCND3	CCNE1	CD274	CD74	CD79A	CD79B	CDC73
CDH1	CDK12	CDK4	CDK6	CDK8	CDKN1A	CDKN1B	CDKN2A	CDKN2B	CDKN2C
CDX2	CEBPA	CHD2	CHD4	CHEK1	CHEK2	CHIC2	CIC	CLP1	CLTC
CLTCL1	COL1A1	CREBBP	CRKL	CRTC1	CSF1R	CSF3R	CTCF	CTCFL	CTLA4
CTNNA1	CTNNB1	CUL3	CUX1	CXCR4	CYLD	DAXX	DDIT3	DDR2	DDX5
DEK	DICER1	DNM2	DNMT3A	DNMT3B	DROSHA	E2F3	EBF1	EED	EGFR
EML4	EP300	EPCAM	EPHA3	EPHA7	ERBB2	ERBB3	ERBB4	ERCC1	ERCC2
ERCC3	ERCC4	ERCC5	ERG	ERRF1	ESR1	ETNK1	ETS1	ETV1	ETV4
ETV5	ETV6	EWSR1	EXT1	EZH2	FANCA	FANCC	FANCD2	FANCE	FANCF
FANCG	FANCL	FAS	FAT1	FBXW7	FGF1	FGF10	FGF14	FGF19	FGF2
FGF23	FGF3	FGF4	FGF5	FGF6	FGF7	FGF8	FGF9	FGFR1	FGFR2
FGFR3	FGFR4	FH	FHIT	FIP1L1	FLCN	FLI1	FLT1	FLT3	FLT4
FOXA1	FOXL2	FOXO1	FOXP1	FRS2	FUBP1	GATA1	GATA2	GATA3	GATA4
GATA6	GLI1	GNA11	GNAQ	GNAS	GRIN2A	GRM3	H3-3A	H3-3B	H3C2
HGF	HIF1A	HMGA2	HNF1A	HNRNPK	HRAS	HSD3B1	HSP90AA1	IDH1	IDH2
IFNGR1	IFNGR2	IGF1R	IGF2	IKBKE	IKZF1	IKZF3	IL10	IL7R	INPP4B
IRF4	IRS2	JAK1	JAK2	JAK3	JUN	KAT6A	KAT6B	KDM5A	KDM5C
KDM6A	KDR	KEAP1	KEL	KIF5B	KIT	KLF4	KLHL6	KMT2A	KMT2C
KMT2D	KRAS	LAMP1	LATS1	LATS2	LIFR	LMO1	LRIG3	LRP1B	LYN
LZTR1	MALT1	MAP2K1	MAP2K2	MAP2K4	MAP3K1	MAP3K13	MAPK1	MAX	MCL1
MDM2	MDM4	MECOM	MED12	MEF2B	MEN1	MET	MGMT	MITF	MLH1
MLLT3	MN1	MPL	MSH2	MSH6	MST1R	MTOR	MUC1	MUTYH	MYB
MYC	MYCL	MYCN	MYD88	MYOD1	NAB2	NBN	NCOA3	NCOR1	NDRG1
NF1	NF2	NFATC2	NFE2L2	NKX2-1	NKX3-1	NLRC5	NOTCH1	NOTCH2	NOTCH3
NOTCH4	NPM1	NRAS	NRG1	NSD1	NSD2	NSD3	NTRK1	NTRK2	NTRK3
NUP93	NUTM1	PAK1	PALB2	PARP1	PAX3	PAX5	PBRM1	PCM1	PDCD1
PDCD1LG2	PDE4DIP	PDGFRA	PDGFRB	PDIA3	PHF6	PHOX2B	PIK3C2B	PIK3CA	PIK3CB
PIK3CG	PIK3R1	PIK3R2	PIM1	PLCG2	PML	PMS1	PMS2	POLD1	POLE
POT1	PPARG	PPM1D	PPP2R1A	PPP2R2A	PPP6C	PRDM1	PREX2	PRKAR1A	PRKCI
PRKDC	PTCH1	PTEN	PTPN11	PTPRB	PTPRD	PTPRT	QKI	RAC1	RAD21
RAD50	RAD51	RAD51B	RAD51C	RAD51D	RAF1	RANBP2	RARA	RB1	RBM10



<i>RECQL4</i>	<i>REL</i>	<i>RET</i>	<i>RHOA</i>	<i>RICTOR</i>	<i>RIT1</i>	<i>RNF43</i>	<i>ROS1</i>	<i>RPS6KB1</i>	<i>RPTOR</i>
<i>RUNX1</i>	<i>RUNX1T1</i>	<i>SDHA</i>	<i>SDHAF2</i>	<i>SDHB</i>	<i>SDHC</i>	<i>SDHD</i>	<i>SEPTIN9</i>	<i>SETBP1</i>	<i>SETD2</i>
<i>SF3B1</i>	<i>SH2B3</i>	<i>SMAD2</i>	<i>SMAD3</i>	<i>SMAD4</i>	<i>SMARCA4</i>	<i>SMARCB1</i>	<i>SMARCD1</i>	<i>SMC1A</i>	<i>SMC3</i>
<i>SMO</i>	<i>SOCS1</i>	<i>SOX10</i>	<i>SOX2</i>	<i>SOX9</i>	<i>SPEN</i>	<i>SPOP</i>	<i>SRC</i>	<i>SRSF2</i>	<i>SS18</i>
<i>STAG1</i>	<i>STAG2</i>	<i>STAT1</i>	<i>STAT3</i>	<i>STAT5B</i>	<i>STK11</i>	<i>SUFU</i>	<i>SUZ12</i>	<i>SYK</i>	<i>TAP1</i>
<i>TAP2</i>	<i>TAPBP</i>	<i>TBX3</i>	<i>TCF3</i>	<i>TCF7L2</i>	<i>TENT5C</i>	<i>TERT</i>	<i>TET1</i>	<i>TET2</i>	<i>TFE3</i>
<i>TFRC</i>	<i>TGFBR2</i>	<i>TMEM127</i>	<i>TNFAIP3</i>	<i>TNFRSF14</i>	<i>TOP1</i>	<i>TOP2A</i>	<i>TP53</i>	<i>TP63</i>	<i>TPM3</i>
<i>TRAF7</i>	<i>TSC1</i>	<i>TSC2</i>	<i>TSHR</i>	<i>U2AF2</i>	<i>UBR5</i>	<i>VEGFA</i>	<i>VHL</i>	<i>WRN</i>	<i>WT1</i>
<i>XPA</i>	<i>XPO1</i>	<i>YES1</i>	<i>ZFHX3</i>	<i>ZNF217</i>	<i>ZNF384</i>	<i>ZNF521</i>	<i>ZNF703</i>	<i>ZRSR2</i>	