

Pan Cancer Panel																			
ABL1	ABL2	ABRAXAS1	ACVR1	ACVR1B	ADAM29	ADGRA2	AKT1	AKT2	AKT3	ALK	ALOX12B	AMER1	ANKRD11	ANKRD26	APC	APCDD1	APEX1	APOB	APOBEC1
APOBEC3A	APOBEC3B	AR	ARAF	ARFRP1	ARID1A	ARID1B	ARID2	ARID5B	ASXL1	ASXL2	ATM	ATP11B	ATR	ATRX	AURKA	AURKB	AXIN1	AXIN2	AXL
B2M	B3GAT1	BACH1	BAP1	BARD1	BBC3	BCL10	BCL2	BCL2A1	BCL2L1	BCL2L11	BCL2L2	BCL6	BCL9	BCOR	BCORL1	BCR	BIRC2	BIRC3	BLM
BMPR1A	BRAF	BRCA1	BRCA2	BRD2	BRD3	BRD4	BRIP1	BTG1	BTG2	BTK	BTLA	CALR	CARD11	CASP5	CASP8	CBFB	CBL	CCDC150	CCDC168
CCDC43	CCL2	CCL4	CCNE6	CCND1	CCND2	CCND3	CCNE1	CD22	CD27	CD274	CD276	CD28	CD3D	CD3E	CD3G	CD4	CD40	CD44	CD70
CD74	CD79A	CD79B	CD8A	CDC42	CDC73	CDH1	CDH2	CDH20	CDH5	CDK12	CDK4	CDK6	CDK8	CDKN1A	CDKN1B	CDKN2A	CDKN2B	CDKN2C	CDX2
CEBPA	CENPA	CHD1	CHD2	CHD4	CHEK1	CHEK2	CHUK	CIC	COP1	CRBN	CREBBP	CRKL	CRLF2	CSF1R	CSF2	CSF2RA	CSF2RB	CSF3R	CSNK1A1
CSNK2A1	CTCF	CTLA4	CTNNA1	CTNNB1	CUL3	CUL4A	CUL4B	CUX1	CXCL10	CXCL11	CXCL9	CXCR3	CXCR4	CYLD	CYP17A1	DAXX	DCUN1D1	DDR1	DDR2
DDX41	DHX15	DICER1	DIS3	DNAJB1	DNMT1	DNMT3A	DNMT3B	DOCK2	DOT1L	E2F3	EED	EGFL7	EGFR	EIF1AX	EIF4A2	EIF4E	ELMO1	ELOC	EMPL4
EMSY	EP300	EPCAM	EPHA3	EPHA5	EPHA6	EPHA7	EPHB1	EPHB4	EPHB6	ERBB2	ERBB3	ERBB4	ERCC1	ERCC2	ERCC3	ERCC4	ERCC5	ERG	ERRF1
ESR1	ETS1	ETV1	ETV4	ETV5	ETV6	EWSR1	EYA2	EZH2	FANCA	FANCC	FANCD2	FANCE	FANCF	FANCG	FANCI	FANCL	FANCM	FAS	FAT1
FAT3	FBXW7	FGF1	FGF10	FGF12	FGF14	FGF19	FGF2	FGF23	FGF3	FGF4	FGF5	FGF6	FGF7	FGF8	FGF9	FGFR1	FGFR2	FGFR3	FGFR4
FH	FLCN	FLI1	FLT1	FLT3	FLT4	FOXA1	FOXO1	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3	FOXO3
GATA4	GATA6	GEN1	GID4	GLI1	GNA11	GNA13	GNAQ	GNAS	GPS2	GREM1	GRIN2A	GRM3	GSK3B	GUCY1A2	GZMA	GZMB	GZMH	H1-2	H2BC5
H3-3A	H3-3B	H3-4	H3-5	H3C1	H3C12	H3C13	H3C12	H3C13	H3C14	H3C15	H3C2	H3C3	H3C4	H3C6	H3C7	H3C8	HDA1	HGF	HLA-A
HLA-B	HLA-C	HLA-DRA	HLA-E	HLA-F	HLA-G	HNF1A	HNRNP	HOXA3	HOXB13	HRAS	HSD3B1	HSP90AA1	ICOSLG	ID3	IDH1	IDH2	IDO1	IDO2	IFTM1
IFITM3	IFNA1	IFNB1	IFNG	IFNGR1	IGF1	IGF1R	IGF2	IGF2R	IKBKE	IKZF1	IL10	IL12A	IL12B	IL2	IL23A	IL6	IL7R	INHA	INHBA
INPP4A	INPP4B	INSR	IRF2	IRF4	IRS2	ITGAE	ITK	JAK1	JAK2	JAK3	JUN	KAT6A	KDM5A	KDM5C	KDM6A	KDR	KEAP1	KEL	
KIF5B	KIT	KLF4	KLHL6	KMT2A	KMT2B	KMT2C	KMT2D	KNSTRN	KRAS	LAG3	LAMP1	LATS1	LATS2	LMO1	LRP1B	LRP6	LTK	LYN	LZTR1
MAF	MAGI2	MAGOH	MALT1	MAML1	MAP2K1	MAP2K2	MAP2K4	MAP3K1	MAP3K13	MAP3K14	MAP3K4	MAPK1	MAPK3	MAX	MCL1	MDC1	MDM2	MDM4	MED12
MEF2B	MEN1	MERTK	MET	MGA	MGMT	MITF	MKNK1	MLH1	MLH3	MLL2	MPL	MRE11	MSH2	MSH3	MSH6	MST1	MST1R	MTAP	MTOR
MUTYH	MYB	MYC	MYCL	MYCN	MYD88	MYO18A	MYO18A	NAB2	NBN	NCOA3	NCOR1	NEGR1	NF1	NF2	NFE2L2	NFKBIA	NKX2-1	NKX2-8	NKX3-1
NOTCH1	NOTCH2	NOTCH3	NOTCH4	NPM1	NRAS	NRG1	NSD1	NSD2	NSD3	NT5C2	NTKR1	NTRK2	NTRK3	NUP93	NUTM1	P2RY8	PAK3	PAK5	
PALB2	PARP1	PARP2	PARP3	PARP4	PAX3	PAX5	PAX7	PAX8	PBRM1	PDCD1	PDCD1LG2	PDGFRA	PDGFRB	PDK1	PDPK1	PGR	PHF6	PHLPP2	PHOX2B
PIK3C2B	PIK3C2G	PIK3C3	PIK3CA	PIK3CB	PIK3CD	PIK3CG	PIK3R1	PIK3R2	PIK3R3	PIM1	PKHD1	PLCG1	PLCG2	PLK2	PMAIP1	PMS1	PMS2	PNP	PNRC1
POLD1	POLE	PPARG	PPM1D	PPP2R1A	PPP2R2A	PPP6C	PRDM1	PREX2	PRF1	PRKAR1A	PRKCI	PRKDC	PRKN	PRPF40B	PRSS8	PTCH1	PTCH2	PTEN	PTK2
PTPN11	PTPRC	PTPRD	PTPRO	PTPRS	PTPRT	QKI	RAB35	RAC1	RAC2	RAD17	RAD21	RAD50	RAD51	RAD51B	RAD51C	RAD51D	RAD52	RAD54L	RAF1
RANBP2	RARA	RASA1	RB1	RBM10	RECQL4	REL	RET	RHEB	RHOA	RHOB	RICTOR	RIT1	RNF43	ROBO1	ROBO2	ROS1	RPA1	RPS6KA4	RPS6KB1
RPS6KB2	RPTOR	RUNX1	RUNX1T1	RUNX3	RYBP	SDHA	SDHAF2	SDHB	SDHC	SDHD	SEMA3A	SEMA3E	SET	SETBP1	SETD2	SF3A1	SF3B1	SGK1	SH2B3
SH2D1A	SHQ1	SKP2	SLIT2	SLX4	SMAD2	SMAD3	SMAD4	SMARCA1	SMARCA4	SMARCB1	SMARCD1	SMC1A	SMC3	SMO	SNCAIP	SOC1	SOX10	SOX17	SOX2
SOX9	SPEN	SPOP	SPTA1	SRC	SRSF1	SRSF2	SRSF7	STAG1	STAG2	STAT3	STAT4	STAT5A	STAT5B	STK11	STK40	SUFU	SUZ12	SYK	TACC3
TAF1	TBX22	TBX3	TCF3	TCF7L2	TEK	TENT5C	TERC	TERT	TET1	TET2	TFE3	TFRC	TGFB1	TGFB2	TIGIT	TIPARP	TMEM127	TMPPRSS2	TNF
TNFAIP3	TNFRSF14	TNFRSF18	TNFRSF4	TNFRSF13B	TNKS	TNKS2	TOP1	TOP2A	TP53	TP63	TRAF2	TRAF7	TRRAP	TSC1	TSC2	TSHR	TYRO3	U2AF1	U2AF2
USP9X	VEGFA	VHL	VSIR	VTGN1	WNT1	WT1	WWP1	XBP1	XIAP	XPO1	XRCC2	XRCC3	YAP1	YES1	ZBTB2	ZBTB7A	ZFXH3	ZNF217	ZNF703
ZRSR2																			
DNA & RNA Fusion Genes																			
ABL1	ALK	BCR	BRAF	CD74	ERG	ETV4	ETV5	EWSR1	EZR	FGFR1	FGFR3	FLI1	JAK2	KIF5B	KMT2A	MLL2	MYB	NOTCH1	NRG1
NTRK1	NTRK2	NTRK3	PAX3	PAX7	PDGFRB	PPARG	RAF1	RARA	RET	ROS1	SDC4	SLC34A2	TMPPRSS2	AKT3	AXL	BCL2	BRCA1	BRCA2	CDK4
CSF1R	EGFR	ERBB2	ESR1	ETS1	ETV1	FGFR2	FGFR4	FLT1	FLT3	KIT	MET	MSH2	MYC	NOTCH2	NOTCH3	NUTM1	PDGFRA	PIK3CA	RPS6KB1
TERT	NPM1	KIAA1549	TACC1	TACC3	SSBP2	AFF3	NFIB	GABBR2	TPM3	QKI	ETV6	FOXO1	PAX8	HACL1	PML	NCOA4	GOPC	ADSS2	FAM168B
DHRS12	BECN1	ATP8A2	ANO5	GDPD5	ACADM	ABI3	ASPH	UBE2V2	BTBD9	AP1M1	CTNND1	ANKRD28	DNAJB14	CAV1	EPS15	CCDC57	ZFP36	ADAM30	BRD4
EFNB3	YLP1M	EFCAB3	ADAMTS16	ABL2	ARHGAP26	BCOR	BRD3	CAMTA1	CCNB3	CCND1	CIC	COL6A3	DNAJB1	EMIL4	EPC1	FGR	FOSB	FUS	GLI1
HMG2A	INSR	JAK3	JAZF1	MAML2	MAST1	MAST2	MEAF6	MSMB	MUSK	NCOA1	NCOA2	NR4A3	NUMBL	PDGFB	PHF1	PKN1	PLAG1	PRKACA	PRKCA
PRKCB	RELA	RSPO2	RSPO3	SS18	STAT6	TAF15	TCF12	TCF3	TFE3	TFEB	TFG	THADA	TP53	USP6	YWHA				
Virus Genes																			
EBNA2	HPV1																		
Microsatellite Biomarkers																			
D2S123	D5S346	D17S250	BAT25	BAT26	NR21	NR24	NR27	MONO-27	MSH2	MLH1	PMS1	PMS2	MSH6	MSH3					