

Probe Panel Gene List

Product Name		Chinese abbreviation		English abbreviation		Version number	
燃石OncoScreen Plus™		OncoScreen.520.v3		OncoScreen.520.v3		v3	
Gene	Type	Gene	Type	Gene	Type	Gene	Type
ABL1	wholeExons	MAGI2	selectedExons	RPTOR	wholeExons	MED12	wholeExons
AKT1	wholeExons	ERCC2	selectedExons	RUNX1	wholeExons	MEF2B	wholeExons
AKT2	wholeExons	HLA-A	selectedExons	SDHA	wholeExons	MEN1	wholeExons
AKT3	wholeExons	PGR	selectedExons	SDHB	wholeExons	MET	wholeExons
ALK	wholeExons&selectedIntrons	ACVR1B	selectedExons	SDHC	wholeExons	MITF	wholeExons
AMER1	wholeExons	CASP8	selectedExons	SDHD	wholeExons	MLH1	wholeExons
APC	wholeExons	HDAC2	selectedExons	SETD2	wholeExons	MLH3	wholeExons
AR	wholeExons	FGF23	selectedExons	SF3B1	wholeExons	MPL	wholeExons
ARAF	wholeExons	FGF6	selectedExons	SLX4	wholeExons	MRE11A	wholeExons
ARID1A	wholeExons	FGF7	selectedExons	SMAD2	wholeExons	MSH2	wholeExons
ARID1B	wholeExons	H3F3B	selectedExons	SMAD3	wholeExons	MSH3	wholeExons
ARID2	wholeExons	HIST1H3F	selectedExons	SMAD4	wholeExons	MSH6	wholeExons
ASXL1	wholeExons	HSD3B1	selectedExons	SMARCA4	wholeExons	MTOR	wholeExons
ATM	wholeExons	MYOD1	selectedExons	SMARCB1	wholeExons	MUTYH	wholeExons
ATR	wholeExons	PHOX2B	selectedExons	SMO	wholeExons	MYC	wholeExons
ATRX	wholeExons	SOX10	selectedExons	SOCS1	wholeExons	MYCL	wholeExons
AURKA	wholeExons	TMEM127	selectedExons	PARP2	selectedExons	MYCN	wholeExons
AURKB	wholeExons	BACH1	selectedExons	PIK3CD	selectedExons	MYD88	wholeExons
AXIN1	wholeExons	BBC3	selectedExons	NOTCH4	selectedExons	NBN	wholeExons
AXL	wholeExons	CENPA	selectedExons	LATS2	selectedExons	NF1	wholeExons
BAP1	wholeExons	CTLA4	selectedExons	PARP3	selectedExons	NF2	wholeExons
BARD1	wholeExons	GNA13	selectedExons	ASXL2	selectedExons	NFE2L2	wholeExons
BCL2	wholeExons	SDHAF2	selectedExons	MDC1	selectedExons	NFKBIA	wholeExons
BCL2L1	wholeExons	RYBP	selectedExons	MST1	selectedExons	NKX2-1	wholeExons
BCL6	wholeExons	SH2D1A	selectedExons	FGF12	selectedExons	NOTCH1	wholeExons
BCOR	wholeExons	APCDD1	selectedExons	QKI	selectedExons	SOX2	wholeExons
BLM	wholeExons	IL10	selectedExons	BMPR1A	selectedExons	SOX9	wholeExons
BRAF	wholeExons&selectedIntrons	KLF4	selectedExons	BCORL1	selectedExons	SPEN	wholeExons
BRCA1	wholeExons	PDCD1	selectedExons	PAK1	selectedExons	SPOP	wholeExons
BRCA2	wholeExons	TIPARP	selectedExons	RPS6KB2	selectedExons	SPTA1	wholeExons

BRD4	wholeExons	VTCN1	selectedExons	RPS6KA4	selectedExons	SRC	wholeExons
BRIP1	wholeExons	WISP3	selectedExons	FGF14	selectedExons	SRSF2	wholeExons
BTK	wholeExons	GATA4	selectedExons	PIM1	selectedExons	STAG2	wholeExons
CARD11	wholeExons	GATA6	selectedExons	SH2B3	selectedExons	STAT3	wholeExons
CBFB	wholeExons	GID4	selectedExons	MAPK3	selectedExons	STAT5B	wholeExons
CBL	wholeExons	PDCD1LG2	selectedExons	PAK7	selectedExons	STK11	wholeExons
FLCN	wholeExons	PPM1D	selectedExons	PPP6C	selectedExons	SUFU	wholeExons
FLT1	wholeExons	PRSS8	selectedExons	GABRA6	selectedExons	SYK	wholeExons
FLT3	wholeExons	RAB35	selectedExons	ZNRF3	selectedExons	TBX3	wholeExons
FLT4	wholeExons	RIT1	selectedExons	ARID5B	selectedExons	TERC	wholeExons
FOXL2	wholeExons	XIAP	selectedExons	HSP90AA1	selectedExons	TERT	wholeExons&promoter
FOXO1	wholeExons	BCR	selectedExons&intron	CYLD	selectedExons	TET2	wholeExons
FOXP1	wholeExons	EWSR1	selectedExons&intron	KEL	selectedExons	TGFBR2	wholeExons
FUBP1	wholeExons	CCND1	wholeExons	PARP4	selectedExons	TNFAIP3	wholeExons
GALNT12	wholeExons	CCND2	wholeExons	ZNF217	selectedExons	TNFRSF14	wholeExons
GATA1	wholeExons	CCND3	wholeExons	FRS2	selectedExons	TNFSF11	wholeExons
GATA2	wholeExons	CCNE1	wholeExons	BIRC3	selectedExons	TOP1	wholeExons
GATA3	wholeExons	CD274	wholeExons&3UTR	MAX	selectedExons	TP53	wholeExons
GLI1	wholeExons	CD79A	wholeExons	TRAF2	selectedExons	TP63	wholeExons
GNA11	wholeExons	CD79B	wholeExons	KAT6A	selectedExons	TSC1	wholeExons
GNAQ	wholeExons	CDC73	wholeExons	ARFRP1	selectedExons	TSC2	wholeExons
GNAS	wholeExons	CDH1	wholeExons	DCUN1D1	selectedExons	TSHR	wholeExons
GREM1	wholeExons	CDK12	wholeExons	IFNGR1	selectedExons	U2AF1	wholeExons
GRIN2A	wholeExons	CDK4	wholeExons	KLHL6	selectedExons	VEGFA	wholeExons
GRM3	wholeExons	CDK6	wholeExons	NEGR1	selectedExons	VHL	wholeExons
GSK3B	wholeExons	CDK8	wholeExons	VEGFB	selectedExons	WRN	wholeExons
GSTM1	wholeExons	CDKN1A	wholeExons	VEGFC	selectedExons	WT1	wholeExons
GSTT1	wholeExons	CDKN1B	wholeExons	XRCC3	selectedExons	XPO1	wholeExons
H3F3A	wholeExons	CDKN1C	wholeExons	EIF1AX	selectedExons	XRCC2	wholeExons
H3F3C	wholeExons	CDKN2A	wholeExons	CYP17A1	selectedExons	STAT5A	selectedExons
HGF	wholeExons	CDKN2B	wholeExons	E2F3	selectedExons	GPR124	selectedExons
HIST1H1C	wholeExons	CDKN2C	wholeExons	EGFL7	selectedExons	RECQL4	selectedExons
HIST1H2BD	wholeExons	CEBPA	wholeExons	ICOSLG	selectedExons	DNMT1	selectedExons
HIST1H3A	wholeExons	CHD1	wholeExons	MAPK1	selectedExons	ELOC	selectedExons
HIST1H3B	wholeExons	CHEK1	wholeExons	RHEB	selectedExons	B2M	selectedExons
HIST1H3C	wholeExons	CHEK2	wholeExons	CALR	selectedExons	RHOA	selectedExons
HIST1H3D	wholeExons	CIC	wholeExons	CD276	selectedExons	IGF1	selectedExons

HIST1H3E	wholeExons	CREBBP	wholeExons	EPCAM	selectedExons	IRF2	selectedExons
HIST1H3G	wholeExons	CRKL	wholeExons	FAS	selectedExons	ACVR1	selectedExons
HIST1H3H	wholeExons	CRLF2	wholeExons	TGFBF1	selectedExons	EIF4E	selectedExons
NOTCH2	wholeExons	CSF1R	wholeExons	YAP1	selectedExons	AXIN2	selectedExons
NOTCH3	wholeExons	CTCF	wholeExons	ZFH3	selectedExons	SMARCD1	selectedExons
NPM1	wholeExons	CTNNB1	wholeExons	GPS2	selectedExons	CUL4A	selectedExons
NRAS	wholeExons	CUL3	wholeExons	PIK3R3	selectedExons	TRAF7	selectedExons
NSD1	wholeExons	DAXX	wholeExons	ANKRD11	selectedExons	CHUK	selectedExons
NTHL1	wholeExons	DDR2	wholeExons	CRBN	selectedExons	SLIT2	selectedExons
NTRK1	wholeExons&selectedIntrons	DICER1	wholeExons	EIF4A2	selectedExons	BCL2L2	selectedExons
NTRK2	wholeExons&selectedIntrons	DNMT3A	wholeExons	ERCC4	selectedExons	BTG1	selectedExons
NTRK3	wholeExons&selectedIntrons	DOT1L	wholeExons	REL	selectedExons	CXCR4	selectedExons
NUP93	wholeExons	HIST1H3I	wholeExons	SHQ1	selectedExons	FOXA1	selectedExons
PALB2	wholeExons	HIST1H3J	wholeExons	TET1	selectedExons	HIST2H3C	selectedExons
PARK2	wholeExons	HIST2H3D	wholeExons	YES1	selectedExons	HOXB13	selectedExons
PAX5	wholeExons	HIST3H3	wholeExons	ZRSR2	selectedExons	ID3	selectedExons
PBRM1	wholeExons	HNF1A	wholeExons	EED	selectedExons	INHA	selectedExons
PDGFRA	wholeExons	HNF1B	wholeExons	NRG1	intronOnly	NKX3-1	selectedExons
PDGFRB	wholeExons	HRAS	wholeExons	BCL2L11	intronOnly	PMAIP1	selectedExons
PIK3CA	wholeExons	IDH1	wholeExons	EGFR	wholeExons	PNRC1	selectedExons
PIK3CB	wholeExons	IDH2	wholeExons	EMSY	wholeExons	SOX17	selectedExons
PIK3CG	wholeExons	IGF1R	wholeExons	EP300	wholeExons	ZBTB2	selectedExons
PIK3R1	wholeExons	IGF2	wholeExons	EPHA3	wholeExons	ZNF703	selectedExons
PIK3R2	wholeExons	IKBKE	wholeExons	EPHA5	wholeExons	BCL10	selectedExons
PLCG2	wholeExons	IKZF1	wholeExons	EPHA7	wholeExons	DNAJB1	selectedExons
PMS1	wholeExons	IL7R	wholeExons	EPHB1	wholeExons	FGF10	selectedExons
PMS2	wholeExons	INHBA	wholeExons	ERBB2	wholeExons	LYN	selectedExons
POLD1	wholeExons	INPP4B	wholeExons	ERBB3	wholeExons	PDK1	selectedExons
POLE	wholeExons	IRF4	wholeExons	ERBB4	wholeExons&selectedIntrons	RAD21	selectedExons
POM121L12	wholeExons	IRS1	wholeExons	ERCC1	wholeExons	PDPK1	selectedExons
PPP2R1A	wholeExons	IRS2	wholeExons	ERG	wholeExons	PLK2	selectedExons
PPP2R2A	wholeExons	JAK1	wholeExons	ERRFI1	wholeExons	ERCC3	selectedExons
PRDM1	wholeExons	JAK2	wholeExons	ESR1	wholeExons	ERCC5	selectedExons
PRKAR1A	wholeExons	JAK3	wholeExons	EZH2	wholeExons	TACC3	selectedExons
PRKDC	wholeExons	JUN	wholeExons	FAM175A	wholeExons	MAP3K14	selectedExons
PTCH1	wholeExons	KDM5A	wholeExons	FAM46C	wholeExons	SUZ12	selectedExons
PTEN	wholeExons	KDM5C	wholeExons	FANCA	wholeExons	CTNNA1	selectedExons

NEB	selectedExons	KDM6A	wholeExons	FANCC	wholeExons	MALT1	selectedExons
TRRAP	selectedExons	KDR	wholeExons	FANCD2	wholeExons	RPA1	selectedExons
CHD4	selectedExons	KEAP1	wholeExons	FANCE	wholeExons	PRKCI	selectedExons
PTPRT	selectedExons	KIT	wholeExons	FANCF	wholeExons	RFWD2	selectedExons
PREX2	selectedExons	KMT2A	wholeExons	FANCG	wholeExons	LZTR1	selectedExons
PIK3C2G	selectedExons	KMT2C	wholeExons	FANCI	wholeExons	NCOA3	selectedExons
PTPRS	selectedExons	KMT2D	wholeExons	FANCL	wholeExons	DIS3	selectedExons
TAF1	selectedExons	KRAS	wholeExons	FAT1	wholeExons	FANCM	selectedExons
CHD2	selectedExons	LATS1	wholeExons	FAT3	wholeExons	MGA	selectedExons
NCOR1	selectedExons	PTPN11	wholeExons	FBXW7	wholeExons	PARP1	selectedExons
INSR	selectedExons	PTPRD	wholeExons	FGF19	wholeExons	STAT4	selectedExons
RASA1	selectedExons	RAC1	wholeExons	FGF3	wholeExons	PIK3C3	selectedExons
INPP4A	selectedExons	RAD50	wholeExons	FGF4	wholeExons	RANBP2	selectedExons
DNMT3B	selectedExons	RAD51	wholeExons	FGFR1	wholeExons&selectedIntrons	PIK3C2B	selectedExons
CSF3R	selectedExons	RAD51B	wholeExons	FGFR2	wholeExons&selectedIntrons	TOP2A	selectedExons
TCF7L2	selectedExons	RAD51C	wholeExons	FGFR3	wholeExons&selectedIntrons	ATF1	selectedExons
RUNX1T1	selectedExons	RAD51D	wholeExons	FGFR4	wholeExons	EPHA2	selectedExons
MAP3K13	selectedExons	RAD52	wholeExons	FH	wholeExons	FCGR2B	selectedExons
PAK3	selectedExons	RAD54L	wholeExons	LMO1	wholeExons	HDAC1	selectedExons
MST1R	selectedExons	RAF1	wholeExons	LRP1B	wholeExons	HDAC4	selectedExons
CUL4B	selectedExons	RARA	wholeExons	MAP2K1	wholeExons	NR4A3	selectedExons
SNCAIP	selectedExons	RB1	wholeExons	MAP2K2	wholeExons	PTK2	selectedExons
FYN	selectedExons	RBM10	wholeExons	MAP2K4	wholeExons	TMPRSS2	selectedExons&introns
ABL2	selectedExons	RET	wholeExons&selectedIntrons	MAP3K1	wholeExons		
ALOX12B	selectedExons	RICTOR	wholeExons	MCL1	wholeExons		
STK40	selectedExons	RNF43	wholeExons	MDM2	wholeExons		
TCF3	selectedExons	ROS1	wholeExons&selectedIntrons	MDM4	wholeExons		