

LucenceINSIGHT® 5* / LucenceINSIGHT® Women’s 7# / LucenceINSIGHT® 12

Genes	ACVR2A*#	ADGRG6	AKT1#	ALK**	AMER1*#	APC**	AR	ARID1A*#
	ATM*#	B2M*#	BCOR	BMPR2*#	BRAF*#	BRCA1#	BRCA2#	CASP8
	CBFB#	CCND1	CCR4	CDC27	CDH1#	CDKN1A	CDKN1B*#	CDKN2A*#
	CREBBP	CTCF	CTNNB1*#	DICER1	EGFR*#	EP300	ERBB2*#(HER2)	ERBB3*#
	ERCC2	ESR1#	FBXW7*#	FGFR2	FGFR3	FOXA1#	GATA3#	GNAS*#
	HRAS	JAK1	KEAP1*#	KIT	KRAS*#	MAP2K1(MEK1)	MAPK1(ERK2)	MED12
	MEN1*#	MET*#	MSH6*#	MTOR	NF1*#	NFE2L2*#	NOTCH1	NRAS*#
	PCBP1*#	PDGFRA	PIK3CA*#	PIK3R1	POLE	PPP2R1A#	PTEN**	RET**
	RHOA	RIT1*#	RNF43*#	RPL22*#	SMAD4*#	SPOP	STK11*#	TCF7L2*#
	TERT*# Promoter	TGFBR2*#	TP53*#	U2AF1				

*Genes tested in LucenceINSIGHT® 5
#Genes tested in LucenceINSIGHT® Women’s 7

LucenceINSIGHT® 50

Genes	ABL1	ACVR2A	ADGRG6	AKT1	ALK	AMER1	APC	AR
	ARID1A	ASXL1	ATM	B2M	BCOR	BMPR2	BRAF	BRCA1
	BRCA2	BTG1	BTG2	CALR	CASP8	CBFB	CCND1	CCR4
	CD79B	CDC27	CDH1	CDKN1A	CDKN1B	CDKN2A	CIC	CREBBP
	CTCF	CTNNB1	CXCR4	DICER1	DNMT3A	DROSHA	EGFR	EP300
	ERBB2(HER2)	ERBB3	ERCC2	ESR1	EZH2	FBXW7	FGFR1	FGFR2
	FGFR3	FGFR4	FLT3	FOXA1	FOXL2	FOXO1	GATA2	GATA3
	GNA11	GNAQ	GNAS	HRAS	ID3	IDH1	IDH2	IKZF3
	JAK1	JAK2	JAK3	KEAP1	KIT	KRAS	MAP2K1(MEK1)	MAPK1(ERK2)
	MED12	MEN1	MET	MPL	MRPS31	MSH6	MTOR	MYC
	MYCN	MYD88	MYOD1	NF1	NFE2L2	NOTCH1	NOTCH2	NPM1
	NRAS	PCBP1	PDGFRA	PIK3CA	PIK3R1	PLCG1	POLE	PPM1D
	PPP2R1A	PTEN	PTPN11	RAC1	RET	RHOA	RIT1	RNF43
	RPL22	RPS27	RUNX1	SETBP1	SF3B1	SGK1	SMAD4	SMARCB1
	SMO	SOCS1	SPOP	SRSF2	STAG2	STAT3	STAT5B	STK11
	TCF7L2	TERT Promoter	TGFBR2	TP53	U2AF1	VHL	WT1	

Additional fusions for LucenceINSIGHT® 50 / 12 / Women’s 7 / 5 with ctRNA tumor marker boost

Fusions*	ABL1	ALK	AR(AR-V3/4/7/9 splice variants)	AXL	BRAF	CUX1	EGFR
	ERBB4	ERG	ESR1	ETV1	ETV4	ETV5	ETV6
	EWSR1	FGFR1	FGFR2	FGFR3	FLI1	FUS	JAK2
	KAT6A	KMT2A	LTK	MAML2	MET(including exon 14 skipping)	MLLT10	MYB
	MYH11	NRG1	NTRK1	NTRK2	NTRK3	NUP214	NUTM1
	PAX3	PAX7	PDGFRA	PDGFRB	PLAG1	PPARG	PRKACA
	RARA	RET	ROS1	RSPO2	RSPO3	RUNX1	SLC45A3
	SSX1	SSX2	STAT6	TAL1	TCF3	TFE3	THADA
	TMPRSS2						

Viruses screened in LucenceINSIGHT®

Epstein–Barr Virus (EBV)	Covered in LucenceINSIGHT® 50 & LucenceINSIGHT® Men/Women’s 12
Human Papillomavirus (HPV) 20 Genotypes including 16 and 18	Covered in LucenceINSIGHT® 50 & LucenceINSIGHT® Women’s 12

CardioHemeRISK™

Genes	ASXL1	DNMT3A	FLT3	IDH2	JAK2	PPM1D	RUNX1	SF3B1
	SRSF2	TET2	TP53					