

Lumera™ Heme NGS Profile Gene List

DNA													
ABL1	BCL2A1	CCND2	CTC1	ELANE	FGFR2	IDH2	LIMD1	MSH6	NUDT3	PRDM16	RPN1	SMC1A	TNFRSF14
ABL2	BCL2L1	CCND3	CTCF	ENTPD1	FGFR3	IGF1R	LMO2	MUC1	NUP98	PRKAR2B	RPS10	SMC3	TNFSF4
AICDA	BCL3	CD274	CTLA4	EP300	FLT1	IKBKB	LOC100505585	MYBL1	P2RY8	PRPF40B	RPS15	SMO	TP53
AKT1	BCL6	CD33	CTNNB1	EPHA7	FLT3	IKZF1	LRMP	MYC	PAICS	PRPF8	RPS17	SOC51	TP63
AKT2	BCOR	CD44	CUX1	EPOR	FOXO1	IKZF3	LUC7L2	MYCN	PALB2	PRP51	RPS26	SPEN	TRAF2
AKT3	BCORL1	CD79A	CXCR4	ERBB2	FOXP1	IL15	LZTS1	MYCNOS	PAX5	PTEN	RPS7	SRP72	TRAF3
ALK	BCR	CD79B	CYB5R2	ERBB3	FUT8	IL2RB	MAF	MYD88	PBX1	PTK2B	RTEL1	SRSF2	TRMT2A
ANKRD26	BIRC3	CDC25A	CYLD	ERCC4	G6PC3	IL3	MAFB	NBN	PCLAF	PTPN1	RUNX1	STAG2	TSC1
APC	BLM	CDC25C	DAXX	ETNK1	GAB2	IL7R	MAL	NCAPH	PDCC1	PTPN11	RUNX1T1	STAT3	TSC2
ARAF	BLNK	CDK2	DCK	ETV6	GATA1	INSRR	MALT1	NEK6	PDCC1LG2	PYCR1	SIPR2	STAT5B	TYK2
ARHGEF1	BMF	CDK6	DDX3X	EXOC2	GATA2	IRAK4	MAML3	NF1	PDGFRA	RAB29	SAMD9	STAT6	U2AF1
ARID1A	BMP7	CDKN1B	DDX41	EZH2	GATA3	IRF4	MAP2K1	NFKB1	PDGFRB	RAD21	SAMD9L	STIL	U2AF2
ARID1B	BORCS8-MEF2B	CDKN2A	DEK	FAM216A	GFI1	IRF8	MAP3K1	NFKB2	PHF6	RAG1	SAMHD1	STRBP	UBR5
ARID2	BRAF	CDKN2B	DENND3	FANCA	GNA13	ITPKB	MAP3K14	NFKBIE	PIGA	RAG2	SBDS	SUZ12	VHL
ASB13	BRCA1	CEBPA	DIS3	FANCB	GNAI2	JAK1	MAPK1	NHP2	PIK3CA	RANBP1	SDCCAG8	TAL1	WAS
ASXL1	BRCA2	CEBPD	DKC1	FANCC	GNAI3	JAK2	MBD4	NME1	PIK3CD	RARA	SERPINA9	TBL1XR1	WRAP53
ASXL2	BRINP3	CEBPE	DLEU1	FANCD2	GNAQ	JAK3	MECOM	NME2	PIK3R1	RB1	SETBP1	TCF3	WT1
ATG2B	BRIP1	CEBPG	DNMT3A	FANCE	GNAS	KDM6A	MED12	NOPI0	PIM1	RBBP6	SETD2	TENT5C	XPO1
ATM	BTM	CHEK2	DNMT3B	FANCF	GNB1	KDR	MEF2B	NOTCH1	PIM2	REL	SF1	TERC	ZFH4
ATRX	CALR	CHIC2	DNTT	FANCG	GSKIP	KEAP1	MEF2D	NOTCH2	PLCG1	RHEB	SF3A1	TERT	ZMYM3
AXL	CARD11	CIC	DUSP22	FANCI	HAX1	KIT	MKL1	NOTCH3	PLCG2	RHOA	SF3B1	TET2	ZNF384
B2M	CBFB	CIITA	E2F2	FANCL	HBZ	KLF2	MLF1	NPM1	PML	RICTOR	SGK1	TINF2	ZRSR2
BACH1	CBL	CREB3L2	EBF1	FANCM	HIST1H1E	KLHL6	MLH1	NRAS	PMS2	RIPK1	SH2B3	TLR2	
BAP1	CBLB	CREBBP	EED	FAS	HNRNPK	KMT2A	MLL10	NT5C2	POT1	RIT1	SH3BP5	TLX1	
BATF3	CBLC	CRLF2	EGFR	FAT1	HRAS	KMT2C	MME	NTRK1	PPAT	RPL11	SLX4	TLX3	
BCL10	CCDC50	CSF1R	EGR1	FBXW7	ID3	KMT2D	MPL	NTRK2	PPM1D	RPL35A	SMAD4	TNFAIP3	
BCL2	CCND1	CSF3R	EIF4A1	FGFR1	IDH1	KRAS	MSH2	NTRK3	PRDM1	RPL5	SMARCB1	TNFRSF13B	

RNA													
ABCA6	ATM	CCDC88C	CDC25A	DAXX	FGFR3	HOXC13	KIF5B	MEF2D	NFKB2	PLCG1	RPL22	SRSF2	TRIP11
ABCB1	ATXN2L	CCNA1	CDK6	DCTN1	FIPL1	HOXD13	KIT	MEI51	NFKBIE	PLEKHA6	RPN1	SSBP2	TRRAP
ABI1	AURKA	CCND1	CDKN2A	DDX10	FLNA	HRAS	KLF2	MET	NKX2-5	PML	RUNX1	STAT3	TTN
ABI2	AURKB	CCND2	CDKN2B	DDX3X	FLT3	ID3	KLF4	MKL1	NOTCH1	POT1	RUNX1T1	STAT5B	TYK2
ABL1	AUTS2	CCND3	CEBPA	DEK	FNBP1	ID4	KMT2A	MLF1	NOTCH2	POU5F1	S100A7	STAT6	U2AF1
ABL2	B2M	CD19	CEBPD	DHH	FOXM1	IDH1	KMT2D	MLH1	NPM1	PPARG	SALL2	STIL	UBA2
ACSL6	BAALC	CD1A	CEBPD	DIAPH2	FOXO3	IDH2	KMT2E	MLL1	NRAS	PPM1D	SARNP	STMN1	UBE3C
ACTN4	BNAIP2L1	CD2	CEBPE	DNM2	FOXO4	IGF2BP1	KNL1	MLL10	NSD1	PRDM16	SEC31A	SYK	UGT2B17
ADGRE5	BAX	CD200	CEBPG	DNMT3A	FOXP1	IGLL5	KRAS	MLL11	NSD2	PRKG2	SEMA6A	TACC3	USP42
ADGRG1	BCL10	CD22	CEP170B	DUSP22	FRYL	IKZF1	LAIR1	MLL13	NSD3	PRRX1	SEPT14	TAF15	USP9X
ADGRG7	BCL11A	CD24	CHD1	EBF1	FUS	IKZF2	LASP1	MLL16	NTRK1	PSIP1	SEPT2	TAL1	VAV1
AFDN	BCL11B	CD27	CHEK2	EGFR	GAS7	IKZF3	LCK	MME	NTRK3	PSMA2	SEPT5	TAL2	VEGFA
AFF1	BCL2	CD274	CHIC2	EIF4A1	GATA1	IL2RA	LEF1	MMP9	NUMA1	PTCH1	SEPT6	TBL1XR1	VPREB3
AFF3	BCL3	CD28	CIAO1	ELL	GATA2	IL3	LHX4	MN1	NUP214	PTEN	SEPT9	TCF3	WNT3
AFF4	BCL6	CD300A	CIITA	ELN	GLIS2	IL3RA	LIN28A	MNX1	NUP98	PTK2B	SERPINI1	TCF7	WT1
AGGF1	BCL9	CD33	CIP2A	EML1	GNAS	IL7	LMNA	MPL	OLIG2	PTPN11	SET	TCL1A	WTIP
AH1	BCOR	CD34	CLEC12A	EML4	GOT1	INPP5D	LMO1	MRPS14	P2RY8	PTPRC	SETBP1	TERT	XIAP
AIM2	BCR	CD38	CLTC	EP300	GPHN	IRF2BP2	LMO2	MS4A1	PAG1	PTPRR	SETD2	TET1	XPO1
AKT1	BIRC2	CD3D	CNOT3	EPOR	GPR34	IRF4	LNP1	MSN	PAN3	RAD21	SF3B1	TFG	ZAP70
ALK	BIRC3	CD4	CNTRL	EPS15	GTF2H3	IRS4	LPL	MTCP1	PAX5	RANBP17	SFPQ	THAP4	ZBTB16
AMER1	BIRC5	CD44	COPA	ERG	HAUS1	ITGA4	LPP	MUC1	PAX8	RANBP2	SH2B3	THBS1	ZCCHC7
ANGPT2	BMI1	CD47	CR2	ERVW-1	HAVCR2	ITGA6	LYL1	MYB	PBRM1	RAP1GDS1	SH3GL1	THY1	ZFH3
ANLN	BRAF	CD5	CREBBP	ESRRB	HGF	ITGAM	LYN	MYC	PBX1	RARA	SLC34A2	TLX1	ZFYVE19
ANPEP	BRD4	CD69	CRLF2	ETNK1	HLA-A	ITK	MAF	MYD88	PCM1	RB1	SLC45A3	TLX3	ZMIZ1
APC	BTBD18	CD7	CSF1R	ETV6	HLA-DRA	JAK1	MAFB	MYH11	PDCC1LG2	RBM15	SMARCA4	TMPRSS2	ZMYM2
ARHGAP26	BTG1	CD72	CSF3R	EWSR1	HLA-DRB1	JAK2	MALT1	MYOIF	PDGFRA	RCS1	SMARCB1	TNF	ZMYM3
ARHGEF12	BTM	CD74	CT45A2	EZH2	HLF	JAK3	MAML2	NBEAP1	PDGFRB	REL	SMO	TNIP1	ZNF384
ARID1A	CASP8AP2	CD79A	CTLA4	FBXW7	HNRNPUL1	JUN	MAP2K1	NCKIPSD	PDS5A	RET	SMYD2	TOMM40	ZNF479
ASNS	CBFA2T3	CD79B	CTNNB1	FCGR2A	HOXA1	KANK1	MAPK13	NCOA2	PHF23	RG57	SORBS2	TOP1	ZNF521
ASS1	CBFB	CD86	CUX1	FCGR2B	HOXA11	KAT6A	MAPRE1	NCOA4	PICALM	RHEBL1	SOX11	TOP3A	ZRSR2
ASXL1	CBL	CD8A	CXCL12	FCRL4	HOXA13	CNKN4	MCL1	NCOA1	PIK3CA	RHOA	SOX2	TP63	
ATF7IP	CBLB	CD96	CXCR4	FGFR1	HOXA9	KDM5A	MECOM	NDE1	PIK3R1	ROR1	SPI1	TPM3	
ATIC	CCDC6	CD99	DAB2IP	FGFR1OP	HOXC11	KDSR	MED12	NF1	PIM1	ROS1	SQSTM1	TPM4	