

Supplementary Table 2: Genes Subjected to targeted sequencing

ABCA7	BTLA	DMD	IKZF3	NFKB2	PTPN11	TAL1
ABL1	CARD11	DNMT3A	IL7R	NFKBIA	RABGGTA	TET1
ACTB	CCDC80	DST	IRAK1	NFKBIL1	RAPGEF1	TP63
ALMS1	CCND1	EBF1	IRF4	NOTCH1	RB1	UGT1A7
ALPK2	CCND3	ECT2L	IRF8	NOTCH2	REL	WWOX
ANKRD11	CD200	EED	JAK1	NOTCH3	RELN	ZAP70
APC	CD36	EP300	JAK2	NPM1	RFTN1	ZNF295
ARID1A	CD58	EPHA7	JAK3	NR3C1	RFX7	TBL1XR1
ARID1B	CD70	ETS1	KDM4C	NRAS	RFXAP	TCF4
ARID2	CD79A	ETV6	KDM6A	NUP214	RNF213	TET2
ARID3A	CD79B	EZH2	KIF20B	OR6K3	RUNX1	TNFAIP3
ASXL1	CDH23	FAM40B	KIT	P2RY8	SAMD9	TMEM30A
ATM	CDKN2A	FAS	KLHL6	PARD3	SENP6	TNFRSF14
B2M	CDKN2B	FAT4	KRAS	PASD1	SETBP1	TNFSF9
BCAS3	CDKN3	FBXO11	LEF1	PASK	SETD2	TP53
BCL10	CELSR2	FBXW7	LMO2	PAX5	SF3B1	TRAF3
BCL11B	CHD1	FLT3	LRRK1	PBRM1	SGK1	TTC27
BCL2	CHD2	FOXO1	MALT1	PCLO	SH2B3	TYK2
BCL6	CHD8	FYB	MAP3K14	PDGFC	SIRT6	U2AF1
BCL7A	CIITA	G6PD	MAP4K1	PDGFRA	SLITRK6	UBE2A
BCL9	CMYA5	GATA1	MAPK1	PDGFRB	SMAD2	UGGT1
BCORL1	CNOT1	GATA2	MED12	PDS5B	SMARCA2	ULK4
BCR	COL4A2	GATA3	MEF2B	PHF6	SMARCA4	UNC13B
BLNK	COL6A3	GNA13	MEF2C	PHLPP1	SMARCB1	UNC5C
BRAF	CREBBP	GNAS	MIR155	PIK3CG	SOCS1	UNC5D
BRCA2	CRLF2	GNB1	MKI67	PIK3R1	SRSF2	VPS13A
BRD2	CTCF	HCK	MLL	PIM1	SRSF8	WT1
BRD4	CTSS	HDAC7	MLL2	PLCG1	STAT3	XPO1

BRD7	CUL9	HEATR1	MPDZ	PLCG2	STAT5B	ZFHX3
BRIP1	CXCR4	HUWE1	MUC16	POSTN	STAT6	ZMYM3
BTG1	DDX3X	IDH1	MYC	POU2F2	SUZ12	ZNF608
BTG2	DKK2	IDH2	MYCN	PRDM1	SYK	ZNF708
BTG3	DLEU1	IKZF1	MYD88	PRKDC	SYNE1	ZRSR2
BTK	DLEU2	IKZF2	NF1	PTEN	TAF1	