

Online Supplementary Table S1. Genes under study.

ABL1	APC	ATM	ATRX
BRAF	RUNX1	CBFB	CBL
CDKN2A	CREBBP	CSF1R	CTNNB1
DNMT3A	EGFR	ETV6	EZH2
FLT3	GATA1	GATA2	GNAS
IDH1	IDH2	JAK1	JAK2
JAK3	KIT	K-RAS	SMAD4
MEIS1	MPL	NFIX	NOTCH1
NPM1	N-RAS	NTRK3	PDGFRA
PIK3CA	PTEN	PTPN11	SRSF2
TP53	U2AF1	KDM6A	WT1
ZRSR2	SOCS1	SOCS2	SOCS3
SH2B3	IKZF1	SF3B1	TET2
ASXL2	TET1	ASXL1	TET3