

Supplementary Table 1 Detection rang of 16 genes

Gene	Nucleotide ID	Detection range
ASXL1	NM_015338.5	exon 13
CEBPA	NM_004364.4	exon 1 (p.1_176, p.212_358)
DNMT3A	NM_022552.4	exon 23
ETV6	NM_001987.4	exon 3-6
FLT3	NM_004119.2	exon 14, 15, 20
IDH1	NM_005896.3	exon 4
IDH2	NM_002168.3	exon 4
KIT	NM_000222.2	exon 8, 11, 17
KRAS	NM_033360.3	exon 2
NPM1	NM_002520.6	exon 11
NRAS	NM_002524.4	exon 2-3
PHF6	NM_032458.2	exon 6-10
PTPN11	NM_002834.3	exon 3, 13
RUNX1	NM_001754.4	exon 3-8
TET2	NM_001127208.2	exon 6-9, 11
TP53	NM_000546.5	exon 3-9