

Table 2 Selected strategies using epigenetic tools for leukemia diagnostic as proposed in the International Database for Patents of Inventions.

Patent document	Target gene	Method based on
WO2006060429	HDAC1 gene	Detection of five point mutations in HDAC1: M51L, Q111K, T114A, V157G and a premature stop codon at R34
WO2012078288	DNMT3A	Detection of one or more mutations, mainly at Arg-882
WO2009150229	TET2	Detection of expression levels or mutations in this putative suppressor gene
US2009317801	Genes located on the long arm of chromosome 17 (17q25.3)	Analysis of methylation state of a target gene in this chromosomal region
US2011281270	CEBPA	Detection of bi allelic mutations in CCAAT-enhancer binding protein gene