## SUPPLEMENTARY TABLE

Supplementary Table 1. Univariate cox regression of clinicopathological characteristics and selected features with overall survival in a TCGA-LAML cohort.

Characteristics	HR (95% CI)	p value
Age (≥60 years old)	2.947 (1.998–4.348)	5.083e-08***
WBC count ( $\geq 30 \times 10^9/L$ )	1.052 (0.718–1.542)	0.794
blast cell percentage (bone_marrow)	1.003 (0.995–1.011)	0.444
blast cell percentage (peripheral_blood)	1.001 (0.995–1.007)	0.796
RHOBTB2_exp	1.672 (1.285–2.176)	0.0001***
RHOBTB3_exp	0.741 (0.637–0.862)	0.0001***
adverse cytogenetic risk	1.622 (1.022–2.573)	$0.040^{*}$
FLT3_mutation	1.958 (0.925–4.143)	0.079
NPM1_mutation	0.752 (0.325–1.739)	0.505
DNMT3A_mutation	0.938 (0.496–1.774)	0.845
IDH2_mutation	1.403 (0.565–3.480)	0.465
IDH1_mutation	1.056 (0.426–2.613)	0.907
RUNX1_mutation	0.926 (0.462–1.854)	0.828
TET2_mutation	1.542 (0.376-6.330)	0.548
TP53_mutation	2.343 (1.193-4.602)	$0.013^{*}$
NRAS_mutation	0.618 (0.268–1.422)	0.258
CEBPA_mutation	0.756 (0.237–2.413)	0.636
WT1_mutation	1.801 (0.568–5.714)	0.318
PTPN11_mutation	1.202 (0.295–4.903)	0.797
KRAS_mutation	1.413 (0.515–3.874)	0.502

 $^{*}P < 0.05. * * * P < 0.001.$