

Supplementary

Table S1 The amplification efficiency and correlation coefficient of PCR primers

Gene	E	R ²
<i>MEF2D</i>	99.80%	0.9938
<i>PIK3CB</i>	93.70%	0.9950
<i>AKT</i>	93.50%	0.9874
<i>BCL2</i>	100.90%	0.9941
<i>GAPDH</i>	102.10%	0.9915

PCR, polymerase chain reaction; E, PCR amplification efficiency; R², correlation coefficient; *MEF2D*, myocyte enhancer factor 2D; *PIK3CB*, phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta; *AKT*, protein kinase B; *BCL2*, B-cell lymphoma-2; *GAPDH*, glyceraldehyde-3-phosphate dehydrogenase.

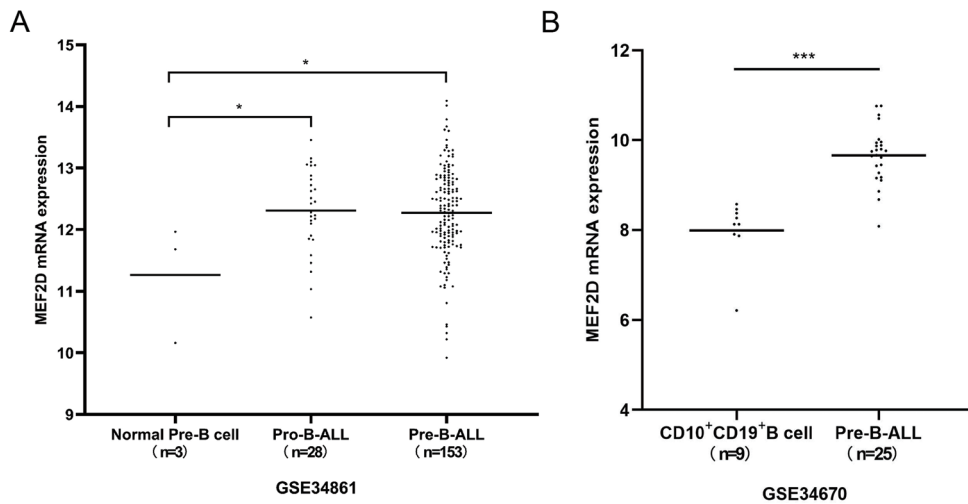


Figure S1 MEF2D is overexpressed in B-ALL compared to normal B cells. (A,B) Data on the MEF2D mRNA expression in B-ALL patients and normal B-cells from several study groups included in the GEO database. *, $P < 0.05$ and ***, $P < 0.001$. MEF2D, myocyte enhancer factor 2D; mRNA, messenger RNA; B-ALL, B-cell acute lymphoblastic leukemia; GEO, Gene Expression Omnibus.