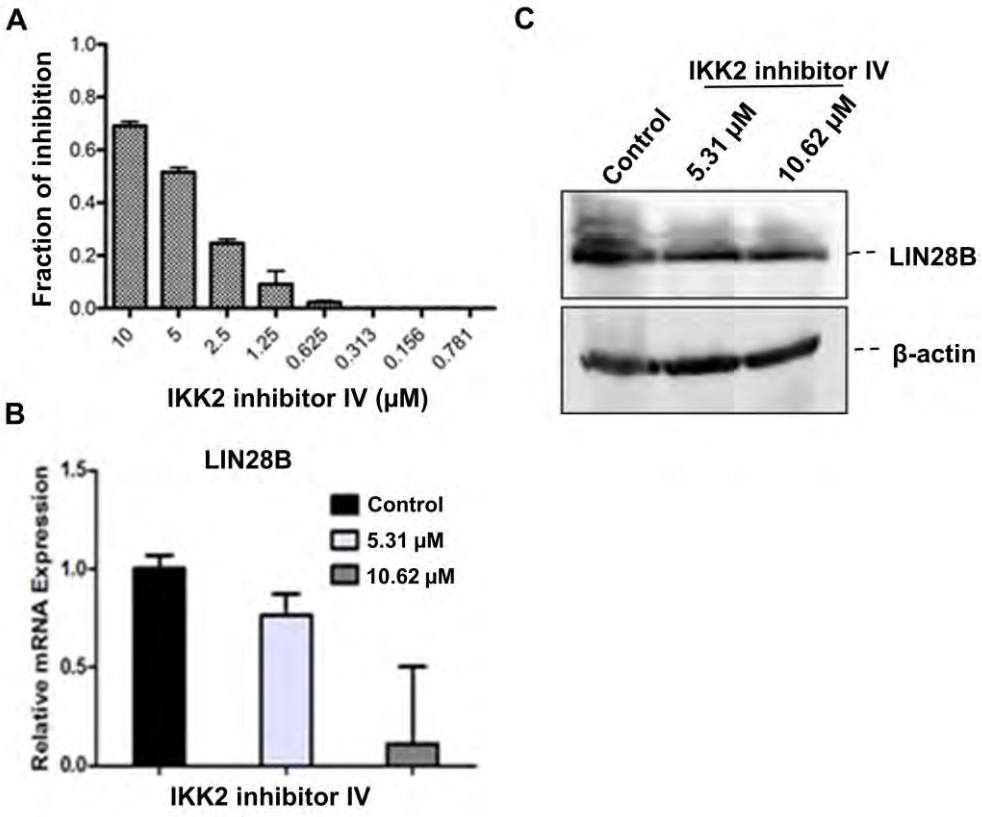

Supplementary Figure S1. The effects of IKK2 inhibitor IV on AML cell viability and LIN28 mRNA and protein expression. TF-1a cells were treated with DMSO control, different doses of IKK2 inhibitor IV as indicated, followed by CTG assays **(A)** or RNA extraction for qRT-PCR **(B)** and protein extraction for Western blot analysis **(C)**. For CTG assays, luminescence of each drug concentration and their controls were quantified. The relative inhibition induced by drug treatment was calculated relative to DMSO controls. For qRT-PCR analysis, the LIN28B mRNA level in DMSO control samples was set as 1 and the relative fold changes of LIN28B in drug treated samples were normalized to DMSO control samples. The experiments were triplicated (n=3, mean ± SD). For Western blot analysis, β-actin was used as loading control