**Supplementary Figure Legends**

**Supplementary Figure S1.** LINC00504 knockdown suppressed AML cell proliferation, but induced cell apoptosis. A) Cell proliferation of HL60 and THP-1 cells transfected with sh-NC or sh-LINC00504 was determined using BrdU staining. B) Cell apoptosis of HL60 and THP-1 cells transfected with sh-NC or sh-LINC00504 was determined using flow cytometry.

**Supplementary Figure S2.** MDM2 overexpression reversed the effect of LINC00504 knockdown on the proliferation and apoptosis of AML cells. A) Cell proliferation of HL60 and THP-1 cells co-transfected with sh-LINC00504 and/or MDM2 was determined using BrdU staining. B) Cell apoptosis of HL60 and THP-1 cells co-transfected with sh-LINC00504 and/or MDM2 was determined using flow cytometry.