

Figure S1. Effect of miR-140-5p mimic/inhibitor and NC on the viability of AML12 cells under normal conditions. Cell Counting Kit-8 assay was used to detect cell viability 48 h after transfection with miR-140-5p mimics and mimics NC. miR, microRNA; NC, negative control.

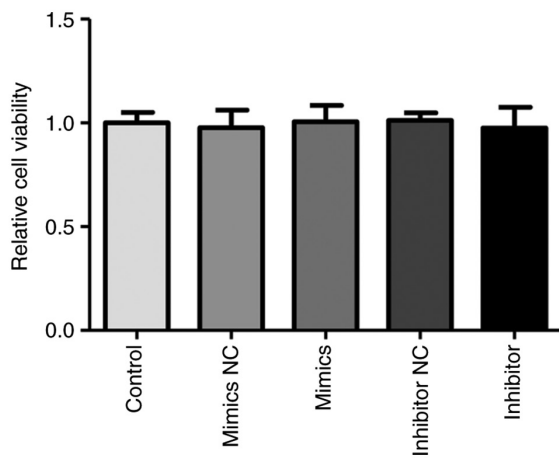


Figure S2. Prediction of miR-140-5p targets. (A) StarBase version 2.0, miRDB, and TargetScan version 7.2 were used to predict potential targets of miR-140-5p. (B) Common targets predicted by the three databases. (C-G) miR-140-5p and target gene mRNA expression detection after transfection with miR-140-5p mimic and NC. *P<0.05 and **P<0.01 vs. the mimics NC group. CAPN1, calpain 1; miR, microRNA; NC, negative control.

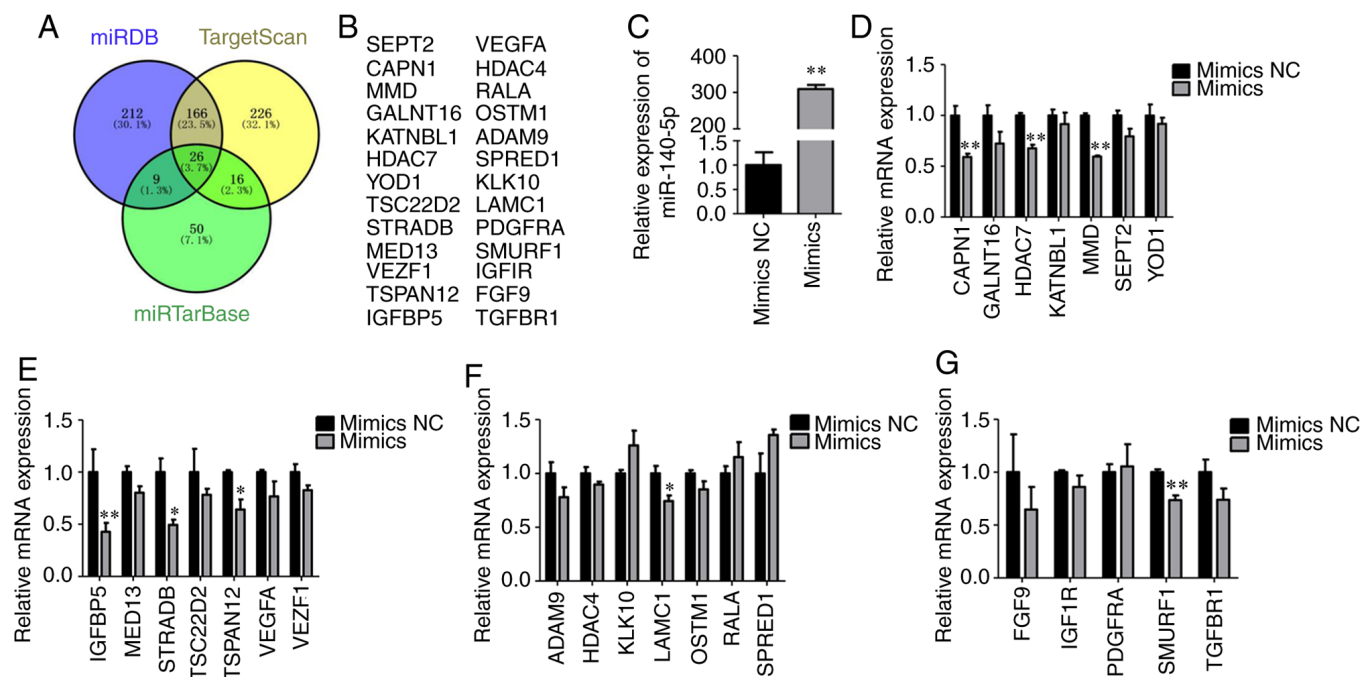


Figure S3. Detection of CAPN1 expression in AML12 cells after transfection with CAPN1 overexpressing plasmid or vector. **P<0.01 vs. the vector group. CAPN1, calpain 1.

