

Figure S1. Images of flow cytometry and Transwell assay. (A) Flow cytometry images of 143B and MG-63 cells transfected with NC or miR-590-3p. (B) Flow cytometry image of 143B and MG-63 cells transfected with Scramble, si-MALAT1, si-MALAT1 + anti-NC and si-MALAT1 + anti-miR-590-3p. (C) Migration images of 143B and MG-63 cells transfected with NC or miR-590-3p. (D) Migration images of 143B and MG-63 cells transfected with Scramble, si-MALAT1, si-MALAT1 + anti-NC and si-MALAT1 + anti-miR-590-3p. (E) Invasion images of 143B and MG-63 cells transfected with NC or miR-590-3p. (F) Invasion images of 143B and MG-63 cells transfected with Scramble, si-MALAT1, si-MALAT1 + anti-NC and si-MALAT1 + anti-miR-590-3p (200x magnification). miR, microRNA; NC, negative control; si, small interfering.

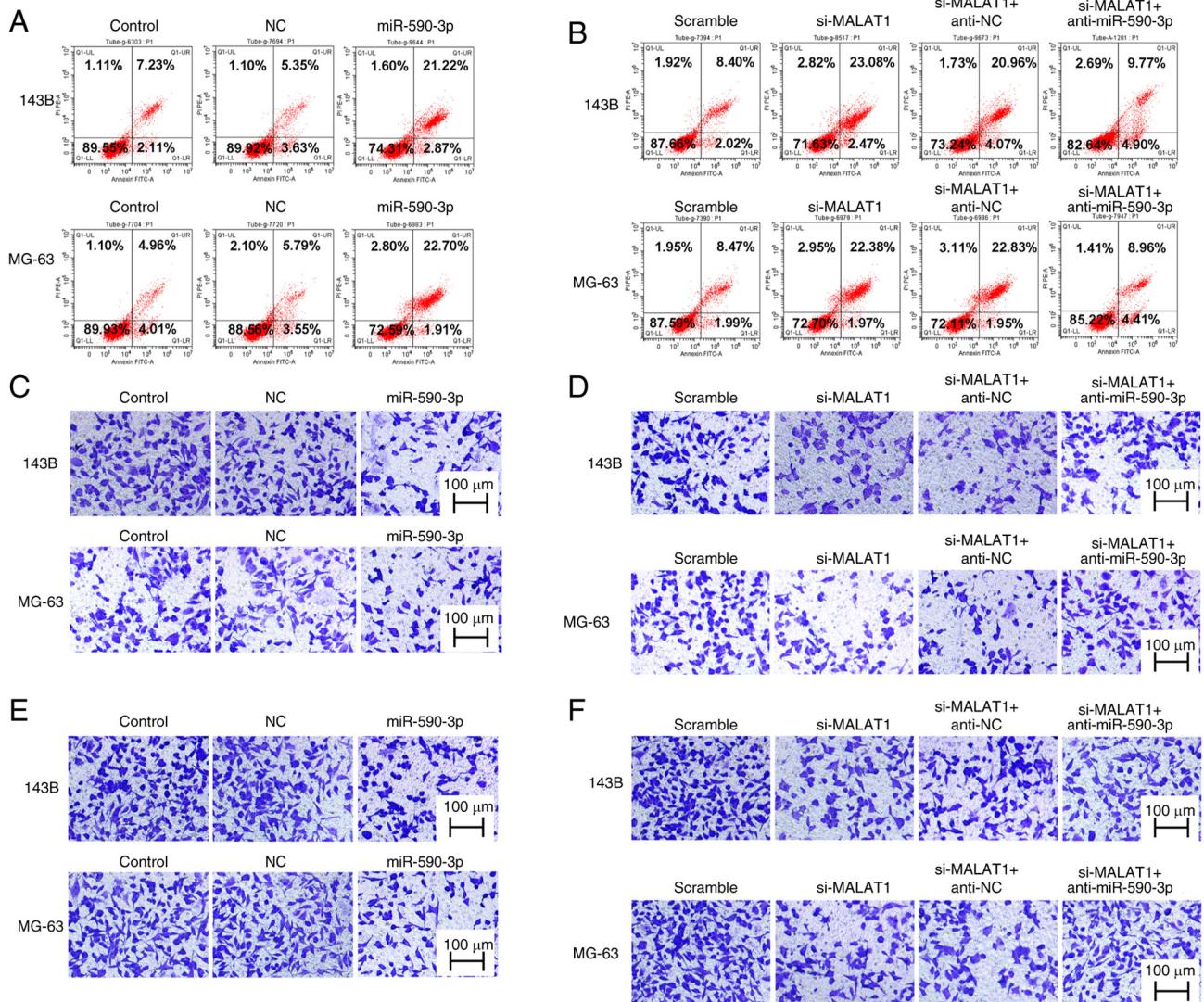


Figure S2. Transfection efficiency of MALAT1 overexpression and miR-590-3p knockdown. (A) MALAT1 level was measured in 143B and MG-63 cells transfected with Vector or MALAT1. (B) Expression of miR-590-3p was detected in 143B and MG-63 cells transfected with anti-NC or anti-miR-590-3p. *P<0.05. miR, microRNA; NC, negative control; lncRNA, long non-coding RNA.

