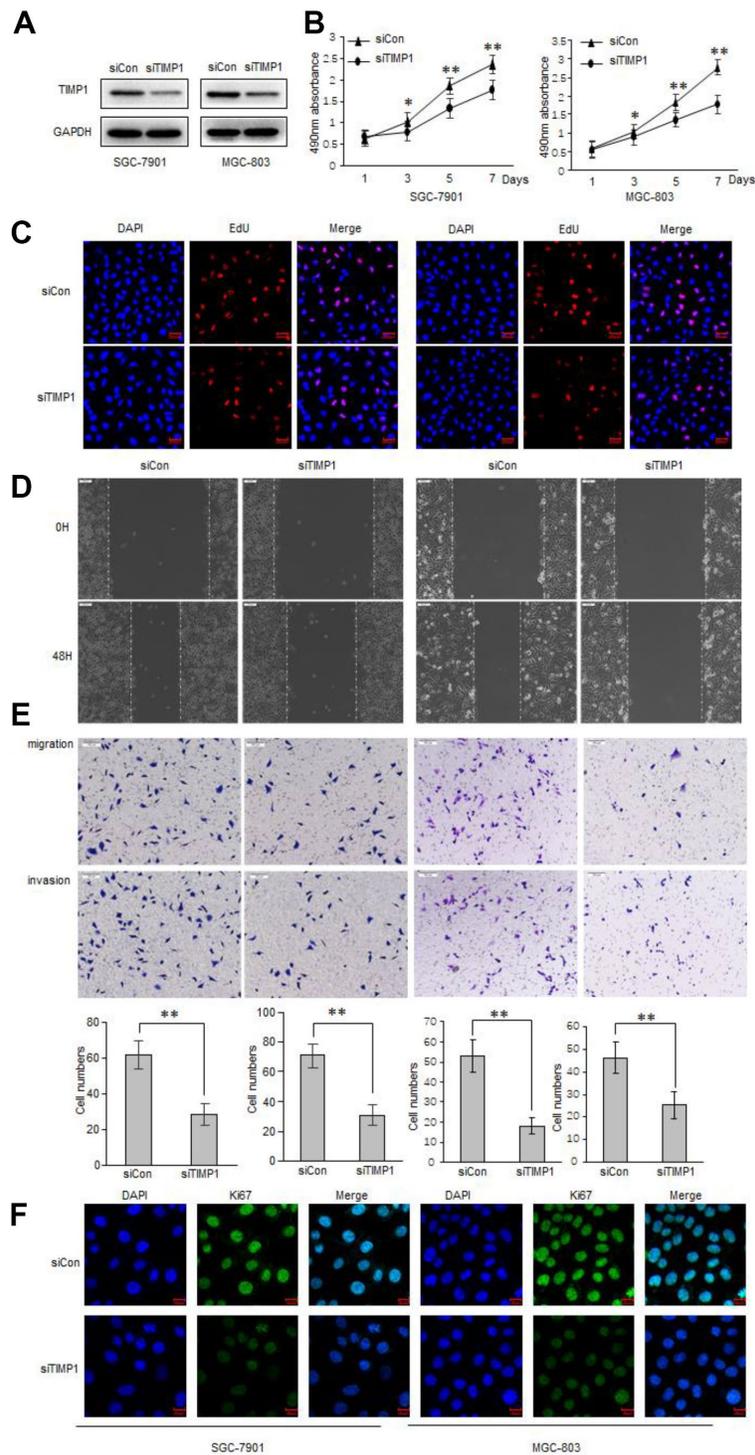
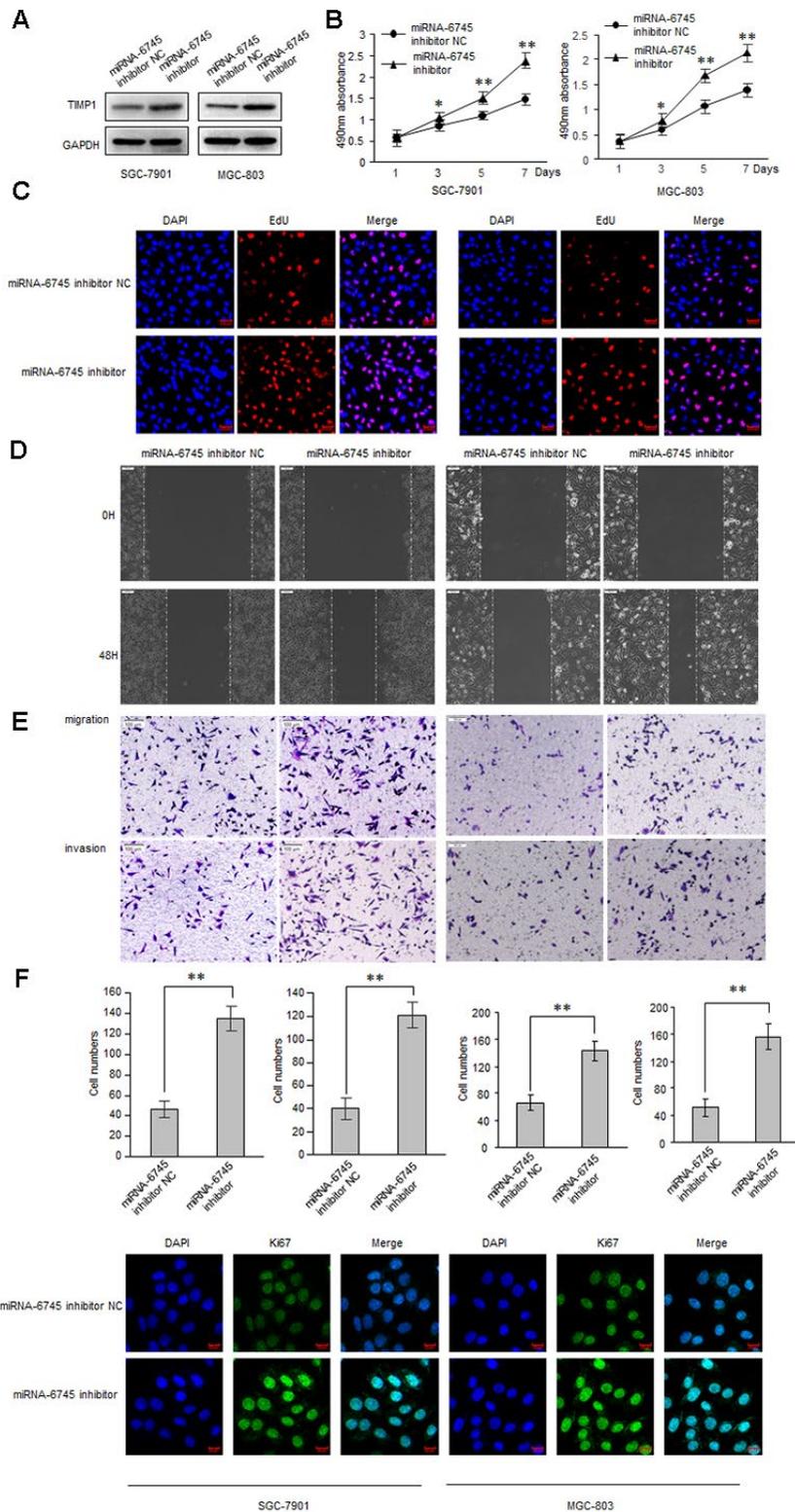


SUPPLEMENTARY FIGURES



Supplementary Figure 1. Silencing TIMP1 reduces proliferation, migration, and invasion of GC cells. SGC-7901 and MGC-803 cells were transfected with siTIMP1 or siCon. (A) Levels of TIMP1 were detected by western blot. (B) Cell proliferation was determined by MTS assay. (C) Effect of miR-6745 inhibitor on cell proliferative abilities was examined by EdU incorporation assay. (D, E) Cell metastasis was determined by Scratch wound assays (D) or Transwell migration and Matrigel invasion assays (E). (F) The expression levels of the cell proliferation marker Ki67 were detected by immunofluorescence. Data represent the means \pm SEM. ** $P < 0.01$.



Supplementary Figure 2. miR-6745 inhibitor promotes migratory and invasive ability of GC cells. SGC-7901 and MGC-803 cells were transfected with miRNA-6745 inhibitor NC or miRNA-6745 inhibitor. (A) Levels of TIMP1 were detected by western blot. (B) MTS assay indicated that miRNA-6745 inhibitor promoted ability of proliferation. (C) Effect of miR-6745 inhibitor on cell proliferative abilities was examined by EdU incorporation assay. (D) Cell wound healing ability was improved in miRNA-6745 inhibitor cells. (E) Chamber invasion ability was elevated in miRNA-6745 mimics cells. (F) The expression level of Ki67 was enhanced by immunofluorescence. Data represent the means \pm SEM. ** $P < 0.01$.