

Figure S1. Transfection efficiency measured under a fluorescence microscopy. (A) Transfection of Ishikawa cells with miR-NC, miR-20a-5p-mimic or inhibitor. (B) Transfection of Ishikawa cells with pcDNA3.1 or Jak1 pcDNA3.1. Magnification, x200. Scale bar=10  $\mu$ m. Jak, janus kinase 1; NC, negative control; miR, microRNA.

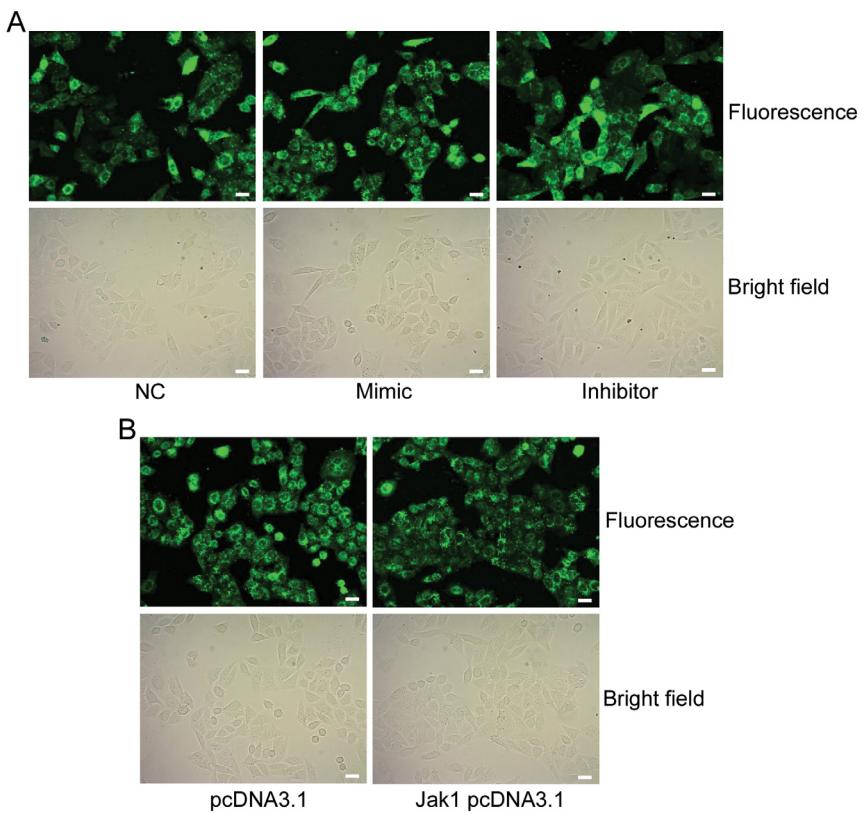


Figure S2. Effect of Jak1-pcDNA3.1 on Jak1 (A) mRNA and (B) protein expression in Ishikawa cells. \*P<0.05 and #P<0.01 vs. pcDNA3.1 group. Jak, janus kinase 1.

