

Figure S1. Transfection efficiency of miR-199a-5p mimic and inhibitor. (A) VSMCs transfected with FAM-labeled miR-199a-5p mimic. (B) VSMCs transfected with FAM-labeled miR-199a-5p inhibitor. (C) Expression of FOXC2 was determined by western blotting. \*P<0.05; #P<0.05. FOXC2, forkhead box C2; miR-199a-5p, microRNA-1992a-5p; NC, negative control; VSMC, vascular smooth muscle cell.

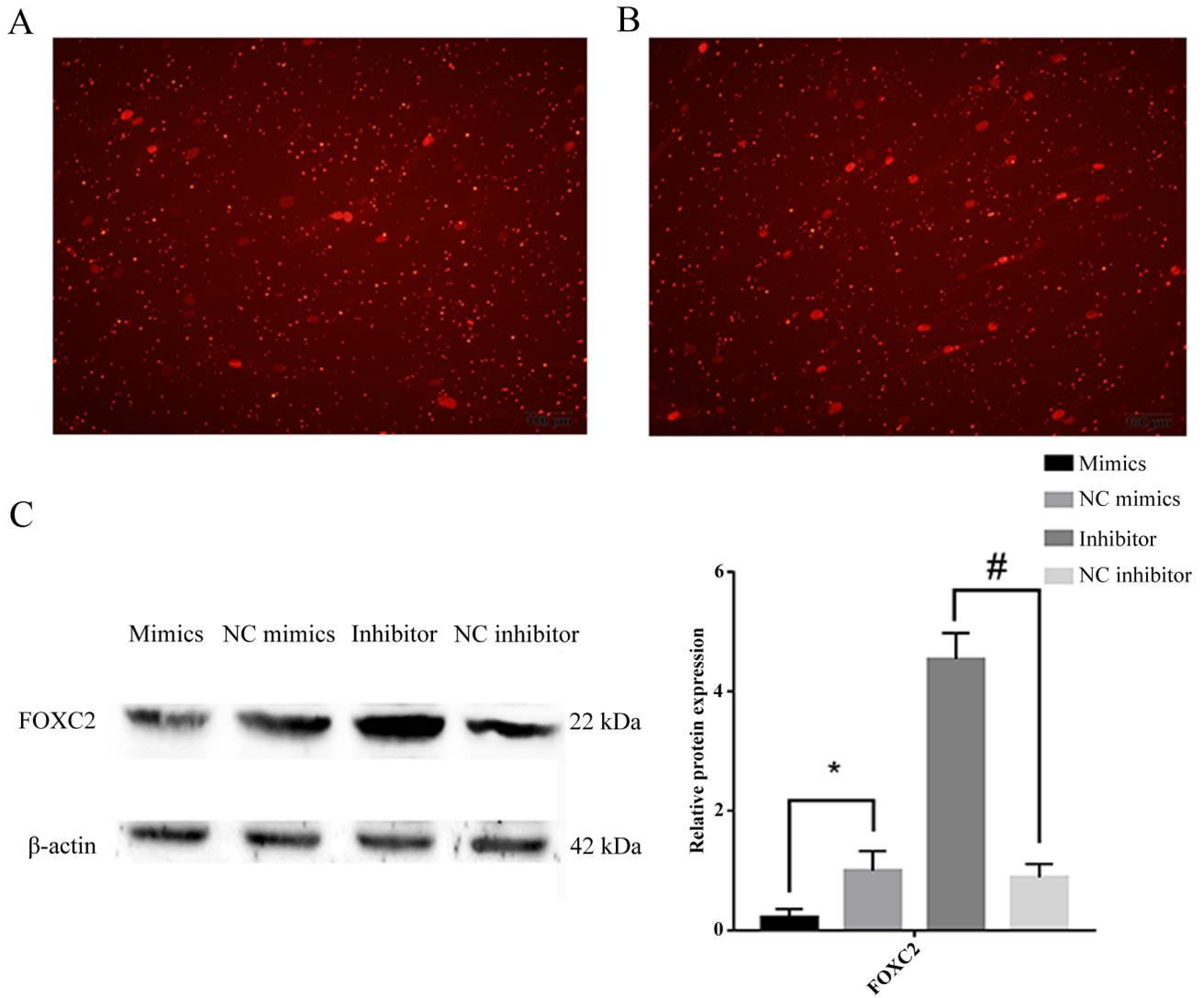


Figure S2. Transfection efficiency of pcDNA3.1-FOXC2 vector and si-FOXC2 assessed by western blotting. In addition, the protein expression levels of SMA, calponin, SM22 $\alpha$  and MYH11 were detected in cells transfected with pcDNA3.1-FOXC2 vector and si-FOXC2. \*P<0.05; #P<0.05. FOXC2, forkhead box C2; MYH11, myosin heavy chain 11; NC, negative control; si, small interfering RNA; SM22 $\alpha$ , smooth muscle 22 $\alpha$ ; SMA, smooth muscle actin.

