

Figure S1: Western blotting gray value statistics. (A) Protein levels of PPAR  $\gamma$  and ap2 of adipogenic markers in preadipocytes following miR-10a-5p mimics. (B) Protein levels of PPAR  $\gamma$  and ap2 of adipogenic markers in preadipocytes following miR-10a-5p inhibitor.

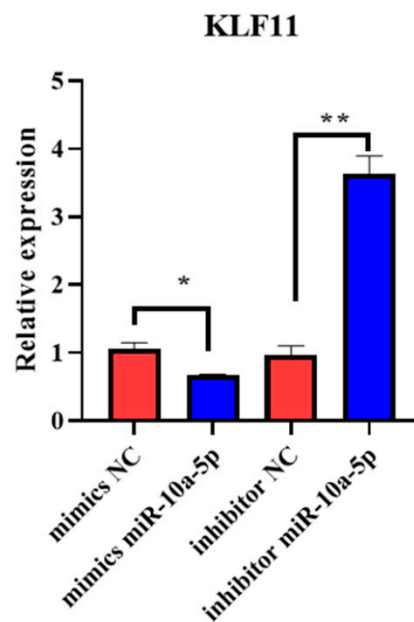


Figure S2: Western blotting gray value statistics of KLF11 protein expression in porcine preadipocytes following transfection with miR-10a-5p mimics or inhibitor.

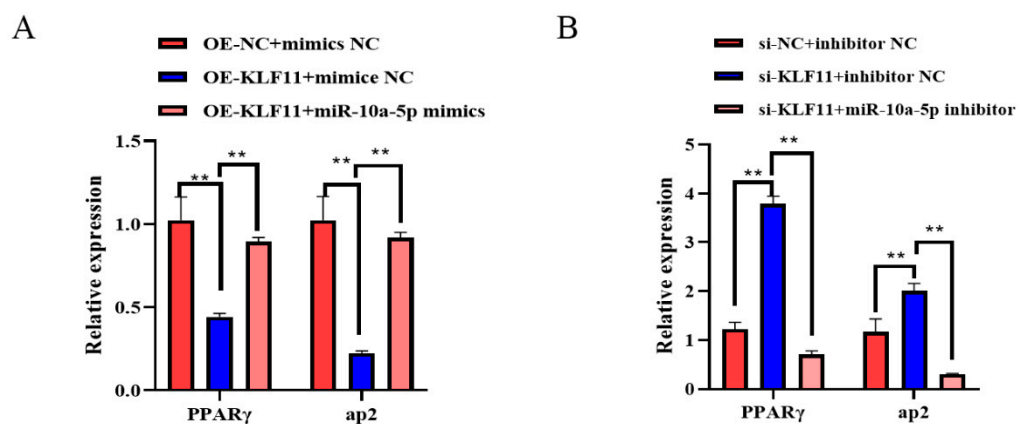


Figure S3: Western blotting gray value statistics. (A) Protein levels of PPAR  $\gamma$  and ap2 of adipogenic markers in preadipocytes following transfected with OE-KLF11 or miR-10a-5p mimic. (B) Protein levels of PPAR  $\gamma$  and ap2 of adipogenic markers in preadipocytes following transfected with si-

KLF11 or miR-10a-5p inhibitor.