

Figure S1. shRNA-Smad7 knockdown efficiency and cell cycle analysis. (A) Effect of shRNA-Smad7 knockdown. (B) Cell cycle distribution in MDA-MB-231 and MDA-MB-468 cells was analyzed by flow cytometry. *P<0.05, **P<0.01 vs. Control; ##P<0.01 miR-96-5p mimics + OE-NC vs. miR-96-5p mimics + OE-Smad7; \$\$P<0.01 miR-96-5p inhibitor vs. miR-96-5p inhibitor + shRNA-Smad7. miR, microRNA; sh, short hairpin; OE, overexpression; NC, negative control.

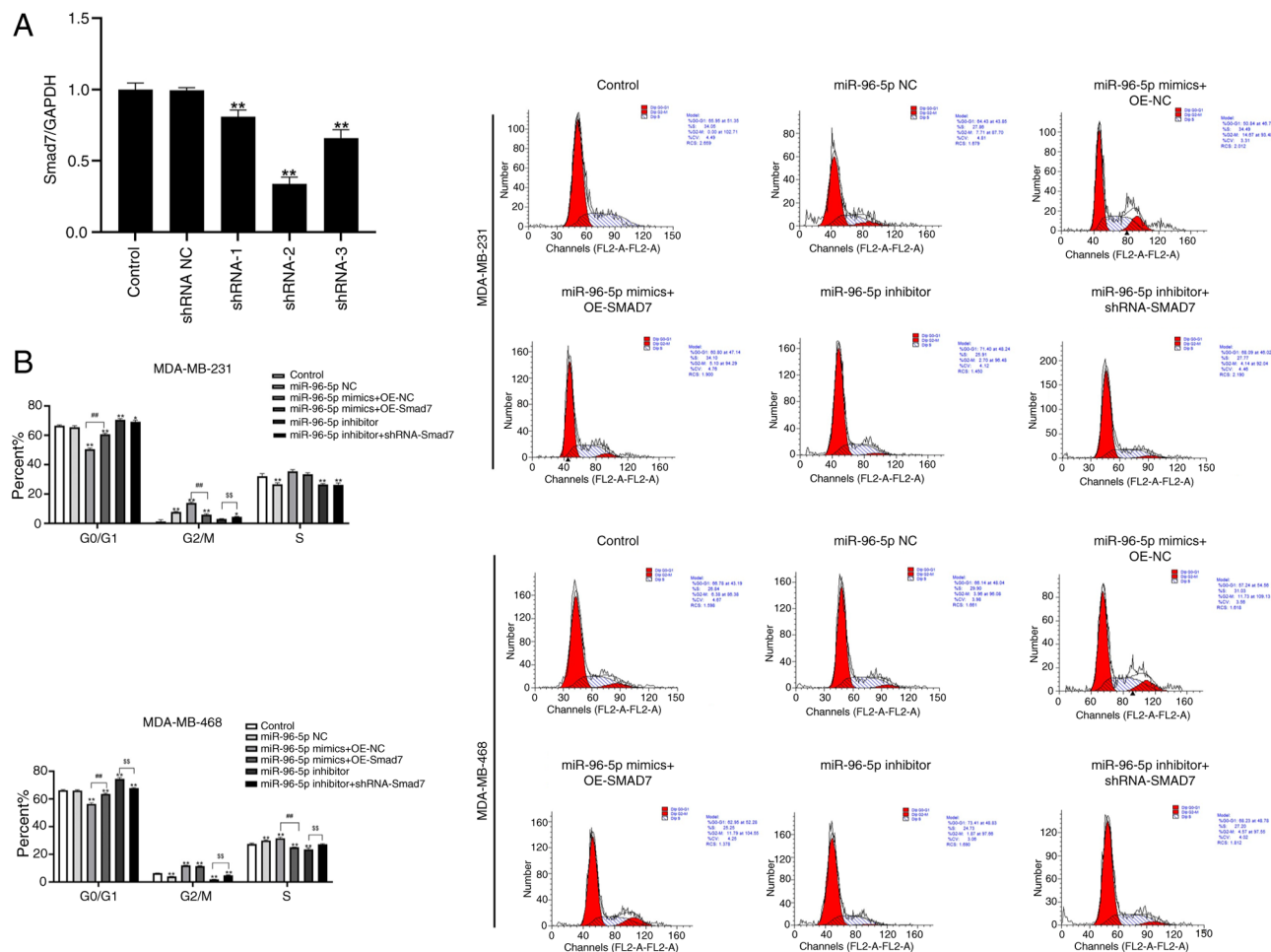


Figure S2. Comparison of transfection efficiencies of miR-96-5p mimics NC, miR-96-5p mimics, miR-96-5p inhibitor NC and miR-96-5p inhibitor. **P<0.01 vs. Control group; ##P<0.01 vs. mimics NC; &&P<0.01 vs. inhibitor NC. miR, microRNA; NC, negative control.

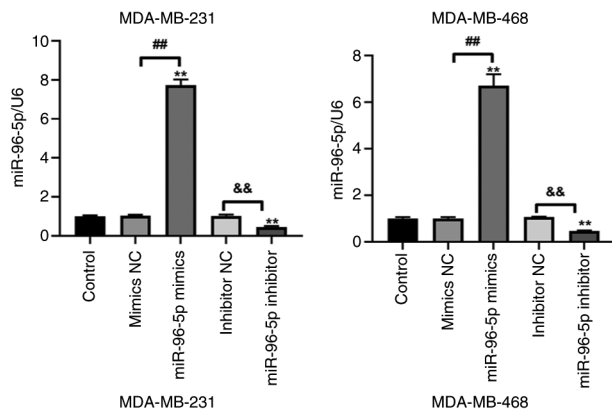


Figure S3. Comparison of transfection efficiencies of OE-Smad7, OE-NC, shRNA-Smad7 and shRNA-NC. **P<0.01 vs. Control group; ##P<0.01 vs. OE-NC; &&P<0.01 vs. shRNA-NC. miR, microRNA; sh, short hairpin; OE, overexpression; NC, negative control.

