

Figure S1. Identification of PD-L1 transfection efficiency. Flag/pcDNA3.0 and Flag-PD-L1/pcDNA3.0 were transfected into A549 cells and H1299 cells respectively. The expression level of PD-L1 was detected by western blotting. PD-L1, programmed death-ligand 1.

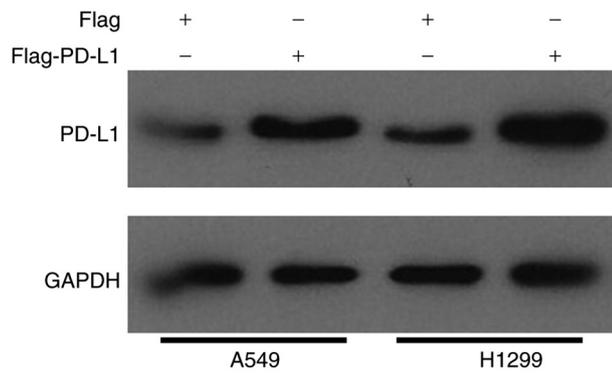


Figure S2. Identification of transfection efficiency of miR-20a mimic and anti-miR-20a mimic transfection efficiency in A549 cells. miR-20a mimic, miR-Con mimic, anti-miR-20a mimic and anti-miR-Con mimic were transfected into A549 cells respectively, and the expression level of miR-20a was detected. \*P<0.05. miR, microRNA.

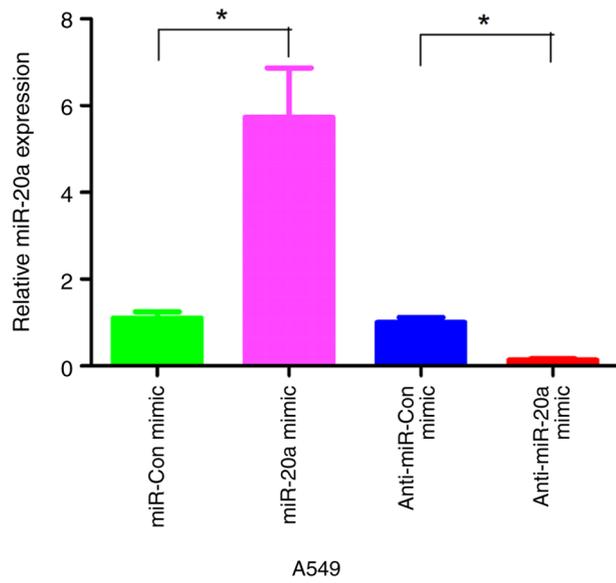


Figure S3. Identification of transfection efficiency of miR-20a mimic and anti-miR-20a mimic transfection efficiency in H1299 cells. MiR-20a mimic, miR-Con mimic, anti-miR-20a mimic and anti-miR-Con mimic were transfected into H1299 cells respectively and the expression level of miR-20a was detected. \*P<0.05. miR, microRNA.

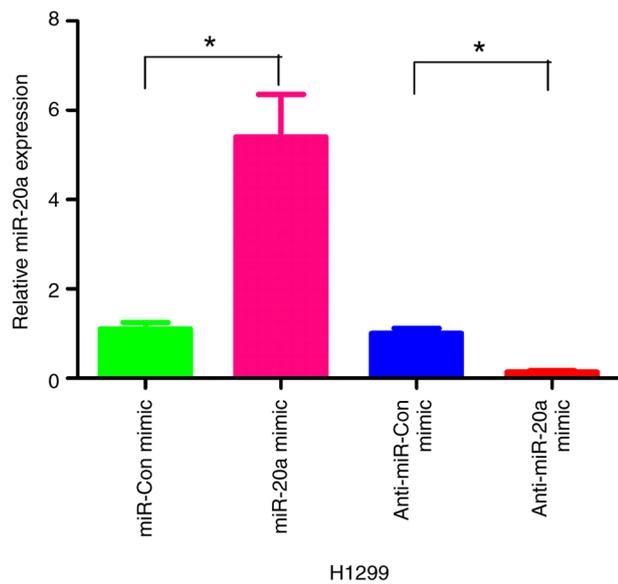


Figure S4. Identification of PTEN overexpression transfection efficiency and PTEN knock-down efficiency. Flag/pcDNA3.0, Flag-PD-L1/pcDNA3.0 or PTEN shRNA lentiviruses (KD-PTEN) were transfected into A549 cells and H1299 cells respectively. The expression level of PTEN was detected by western blotting. Sh, short hairpin.

