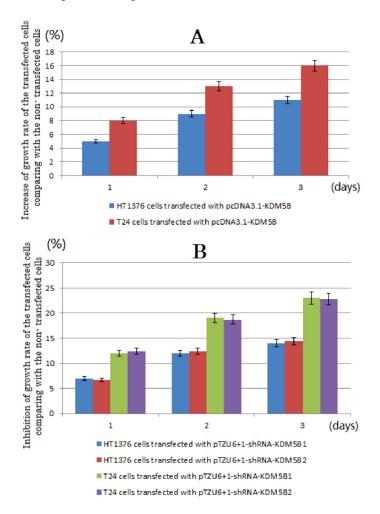
## **Supplementary Information**

**Figure S1.** The effects of KDM5B on the growth rate of HT1376 and T24 cells. The HT1376 and T24 cells transfected with pcDNA3.1-KDM5B, pTZU6+1-shRNA-KDM5B1 and pTZU6+1-shRNA-KDM5B2 were regarded as treatment groups. The HT1376 and T24 cells were regarded as control groups. All cells (2 × 10<sup>5</sup> per p-35 plate) were routinely grown in RPMI 1640 medium and incubated at 37 °C in a 50 mL/L CO<sub>2</sub> air incubator with saturated humidity. (**A**) The *in vitro* tests showed the inhibition of growth rate of the HT1376 and T24 cells transfected with pcDNA3.1-KDM5B comparing with corresponding non-transfected cell lines; (**B**) the *in vitro* tests showed the increase of growth rate of the HT1376 and T24 cells transfected with pTZU6+1-shRNA-KDM5B1 and pTZU6+1-shRNA-KDM5B2 comparing with corresponding non-transfected cell lines. Each bar represented the mean ± S.D. of three independent experiments.



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