Figure S1. Propofol inhibits the invasion of bladder cancer cells by regulating miR-145-5p expression. (A) J82 and (B) T24 cells were transduced with anti-miR-145-5p, anti-miR-NC or miR-145-5p and exposed to 10 μg/ml propofol, then cells were used for Transwell cell invasion assays. Scale bar, 100 μm. Each assay was performed in triplicate and data are presented as the mean ± SD. *P<0.05. miR, microRNA; NC, negative control.

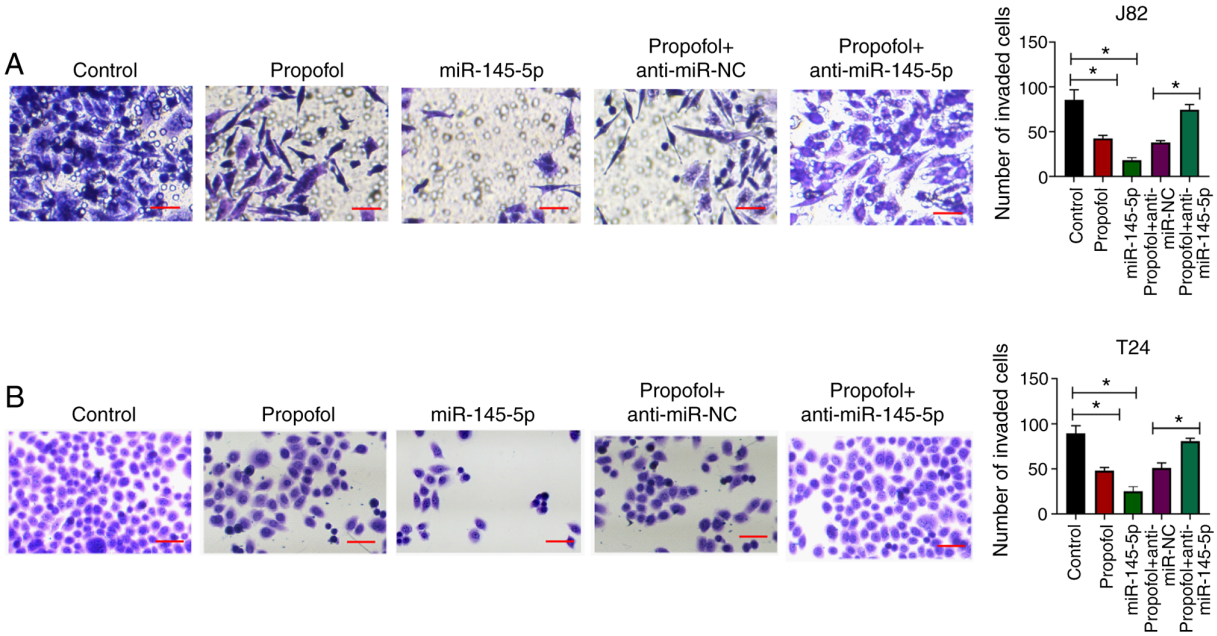

Figure S2. Propofol suppresses the migration and invasion of bladder cancer cells via the miR-145-5p/TOP2A axis. J82 and T24 cells were transduced with anti-miR-NC, anti-miR-145-5p, si-NC or si-TOP2A, then treated with 10 μg/ml propofol or an equal volume of DMSO as control. (A) J82 and (B) T24 cells were used for wound-healing assays (scale bar, 500 μm), or (C) J82 and (D) T24 cells were used for Transwell cell invasion assays (scale bar, 100 μm). Each assay was performed in triplicate and data are presented as the mean ± SD. *P<0.05. miR, microRNA; NC, negative control; si, small interfering RNA; TOP2A, topoisomerase II α.