

Figure S1. (A) Ten lncRNAs which can bind to miRNAs were predicted from LncBase v.2. (B) RT-qPCR revealed the relative expression of 9 candidate lncRNAs in CESC tissues and adjacent tissues. ANOVA was performed: p < 0.05 compared with adjacent tissues. N=53. (C) RT-qPCR revealed relative miR-1299 and KCNQ1OT1 expression by the indicated transfections in ME-180 cells. ANOVA was performed: p < 0.05 compared with NC mimics+pcDNA3.1; *p<0.05 compared with miR-1299 mimics+pcDNA3.1 or NC mimics+pcDNA3.1/KCNQ1OT1. N=3. (D) RT-qPCR revealed relative miR-1299 expression following infection with lenti-miR-1299 mimics in ME-180 cells. Student's t tests were performed, and *p < 0.05 compared with lenti-NC mimics. N=3. (E) Relative expression of KCNQ1OT1 and miR-1299 in xenograft tumors. ANOVA was performed, and *p<0.05 compared with lenti-NC mimics, *p<0.05 compared with pcDNA3.1, &p<0.05 compared with Lenti-miR-1299 mimics and pcDNA3.1/KCNQ1OT1. N=5. RT-qPCR: reverse-transcription quantitative polymerase chain reaction; KCNQ1OT1: potassium voltage-gated channel subfamily Q member 1 opposite strand/ antisense transcript 1; CESC: cervical squamous cell carcinoma and endocervical adenocarcinoma; ANOVA: analysis of variance; NC: negative control.