Figure S1. Ishikawa and HEC-1B EC cell lines were transfected with a NC siRNA or a CCP110-specific siRNA (siCCP110) and lysed 24 h later. The expression levels of CCP110 and GAPDH were detected using western blotting. NC, negative control; EC, endometrial carcinoma/cancer; siRNA, short interfering; CCP110, centromere coiled-coil protein 110.

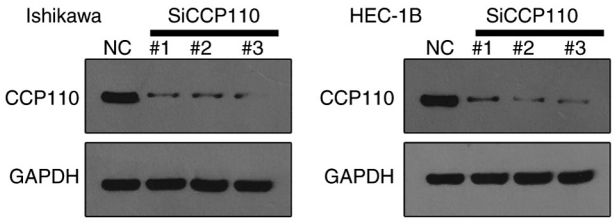

Figure S2. Ishikawa and HEC-1B EC cell lines were transfected with a miR-129-2-3p mimic or inhibitor or the NC control fragments. Reverse transcription-quantitative PCR was performed to determine the levels of miR-129-2-3p in these cell lines. *P<0.05 compared with the Mimic/inhibitor NC. EC, endometrial carcinoma/cancer; miR, microRNA; NC, negative control.

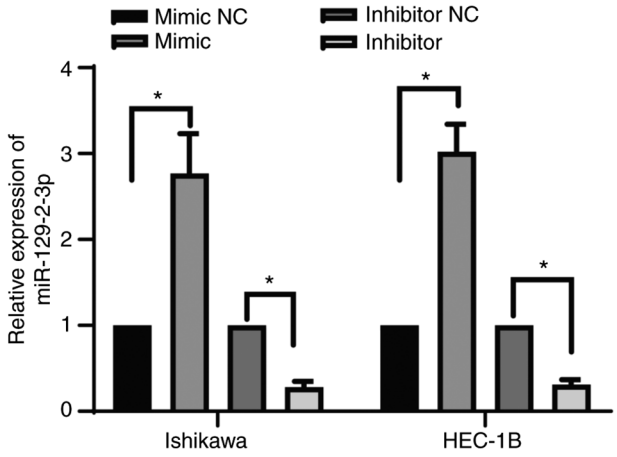

Figure S3. (A) Ishikawa and HEC-1B EC cell lines were transfected with pcDNA3.1 or pcDNA3.1-CCP110, the expression level of CCP110 was detected by western blotting and the quantified data were shown in (B). (C) Ishikawa and HEC-1B EC cell lines were transfected with indicated NC mimic, miR-129-2-3p mimic, miR-129-2-3p mimic + empty vector, or miR-129-2-3p mimic + CCP110-expressing vector. The representative images of cell invasion by Transwell assay are shown in each group (scale bar, 50 μm). ***P<0.001 compared with the vector. EC, endometrial carcinoma/cancer; CCP110, centromere coiled-coil protein 110; miR, microRNA; NC, negative control.

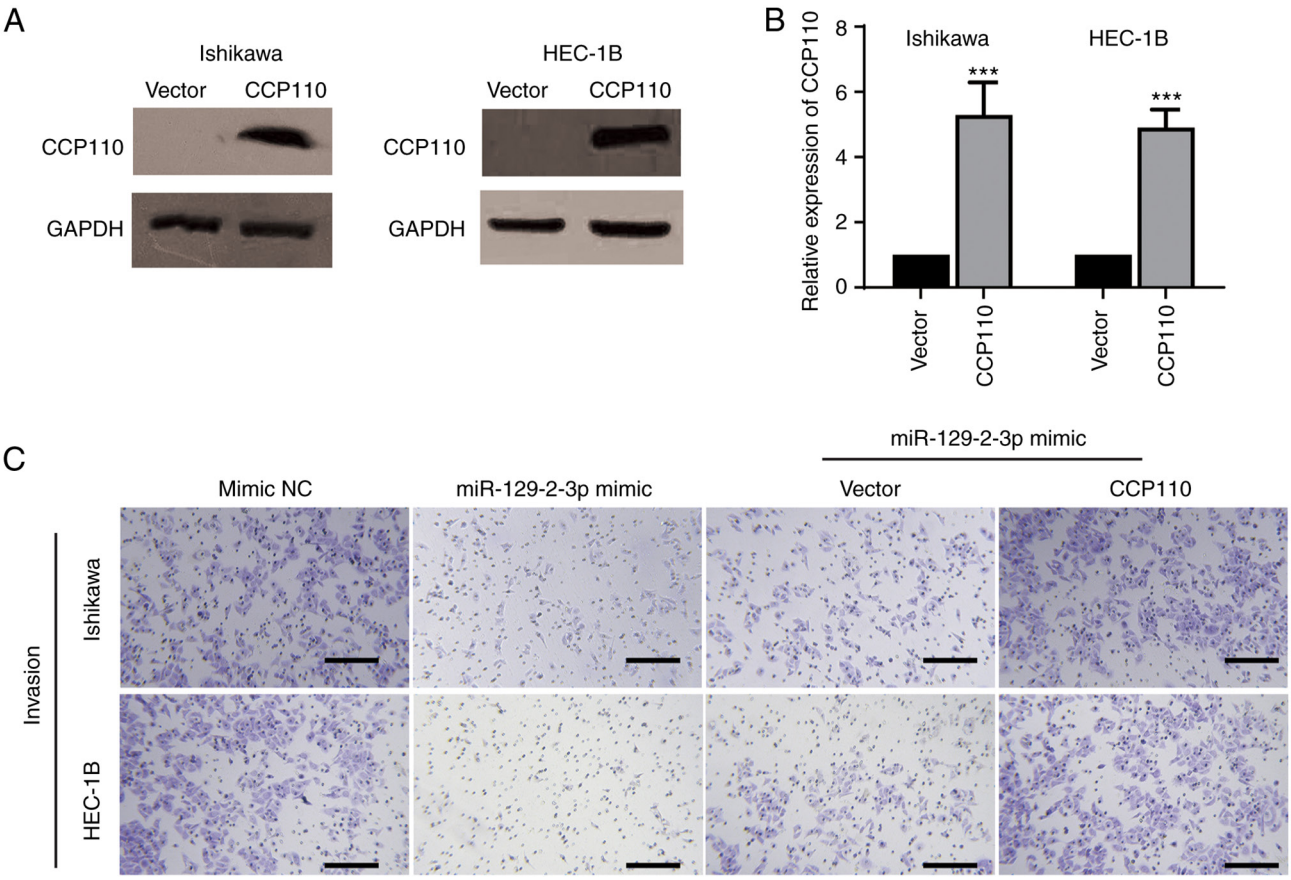

Figure S4. (A) Ishikawa and HEC-1B EC cell lines were transfected with pcDNA3.1 vector or the encoding plasmids of XIST, the expression level of XIST was verified using reverse transcription-quantitative PCR. (B) Ishikawa and HEC-1B EC cell lines were transfected with vector only, a NC mimic, a miR-129-2-3p mimic + vector or a miR-129-2-3p mimic + XIST vector. The representative images of cell invasion by Transwell assay were shown in each group (scale bar, 50 μm). ***P<0.001 compared with the vector. EC, endometrial carcinoma/cancer; XIST, X-inactive-specific transcript; NC, negative control; miR, microRNA.