Figure S1. Transfection efficiency of miR-27b-3p mimic, miR-27b-3p inhibitor, and pcDNA-TRIM14in DDP-resistant OSCC cells or sh-OIP5-AS1 in OSCC cells was shown. (A) miR-27b-3p expression levels were detected in SCC-9/DDP and HSC-3/DDP cells transfected with miR-NC, miR-27b-3p, anti-miR-NC oranti-miR-27b-3p. (B and C) TRIM14 expression was examined in SCC-9/DDP and HSC-3/DDP cells transfected with pcDNA and pcDNA-TRIM14 using reverse transcription-quantitative PCR or western blot analysis. (D) OIP5-AS1 expression was detected in SCC-9 cells transfected with sh-NC and sh-OIP5-AS1. \*P<0.05 vs. miR-NC, anti-miR-NC, miR, microRNA; TRIM14, tripartite motif-containing 14; shRNA, short hairpin RNA; DDP, cisplatin; NC, negative control.



Figure S2. Cell images of the migration and invasion assay results. (A) Migration and (B) invasion were measured by Transwell and Matrigel assays, respectively, in SCC-9/DDP and HSC-3/DDP cells transfected with si-NC, si-OIP5-AS1, si-OIP5-AS1 + anti-miR-27b-3p. (C) Migration and (D) invasion were measured by Transwell and Matrigel assays (magnification, x100), respectively, in SCC-9/DDP and HSC-3/DDP cells transfected with miR-NC, miR-27b-3p, miR-27b-3p + pcDNA or miR-27b-3p + pcDNA-TRIM14. DDP, cisplatin; miR, microRNA; NC, negative control; OIP5-AS1, opa-interacting protein 5 antisense RNA 1; TRIM14, tripartite motif-containing 14; siRNA, small interfering RNA.

