Figure S1. Downregulation of HSulf-1 promotes retinoblasma-positive triple-negative breast cancer cell proliferation, migration and invasion. (A) Western blotting was performed to measure HSulf-1 protein levels in Hs578T and MDA-MB-231 cells after transfection with the indicated plasmid psi-H1-vector or HSulf-1-shRNA. β-actin was used as the internal control. (B) Cell Counting Kit-8 and (C) colony formation assays were performed to evaluate cell proliferation 48 h after transfection with the psi-H1-vector or HSulf-1-shRNA. (D) Transwell and (E) wound healing assays were performed to evaluate cell invasion and migration 48 h after transfection with the psi-H1-vector or HSulf-1-shRNA. The results were derived from three independent experiments. Magnification, x100. Data are presented as the mean ± SD. *P<0.05. sh, short-hairpin RNA; NC, negative control; HSulf-1, human sulfatase 1; OD, optical density.