



Figure S1: The expression of androgen and estrogen receptors in PSC and TM4 cells. Western blot detection of the proteins was performed as described in Material & methods section. The following primary antibodies were used: anti-AR (Cat. no. Ab74272, Sigma-Aldrich, 1:500); anti-ZIP9 (Cat. no. SAB3500599, Sigma-Aldrich, 1:1000); anti-ERα (Cat. no. Ab3575, Sigma-Aldrich, 1:1000); anti-ERβ (Cat. no. PA1-310B, Thermo Fisher Scientific, 1:1000); anti-GPER (Cat. no. Ab39742, Sigma-Aldrich, 1:1000) and anti-β-actin (Cat. no. A2228, Sigma-Aldrich, 1:3000). Electrophoretic separation of the standard proteins was carried out on the same gel as separation of the samples, but imaging of the protein ladders was performed independently after colorimetric detection.