



**Supplementary Figure S1. Immunohistochemical analyses.** (A) MAG-3A/A4 in transgender women. (B) MAG-3A/A4 positive control. (C) MAG-3A/A4 negative control. (D)  $\gamma$ H2AX in transgender women. (E)  $\gamma$ H2AX positive control. (F)  $\gamma$ H2AX negative control. (G) Acrosin in transgender women. (H) Acrosin positive control. (I) Acrosin negative control. Bar represents 20  $\mu$ m.