**Supplemental Figures**



**Supplemental Figure 1.** AOD of markers for endometrial cells and endometrial receptivity with immunohistochemistry. A, B, C, D represent for control group, BMSC group, VEGF-BMSC group, and sham operation group.



**Supplemental Figure 2.** Relative level of markers for endometrial cells and endometrial receptivity with Western Blotting. A, B, C, D represent for control group, BMSC group, VEGF-BMSC group, and sham operation group 4 days and 8 days after treatment.



**Supplemental Figure 3.** Amplification curves, Melting curves, and Standard curves of PCR.



**Supplemental Figure 4** Embryo implantation efficiency of control group, BMSC group, VEGF-BMSC group, and sham operation