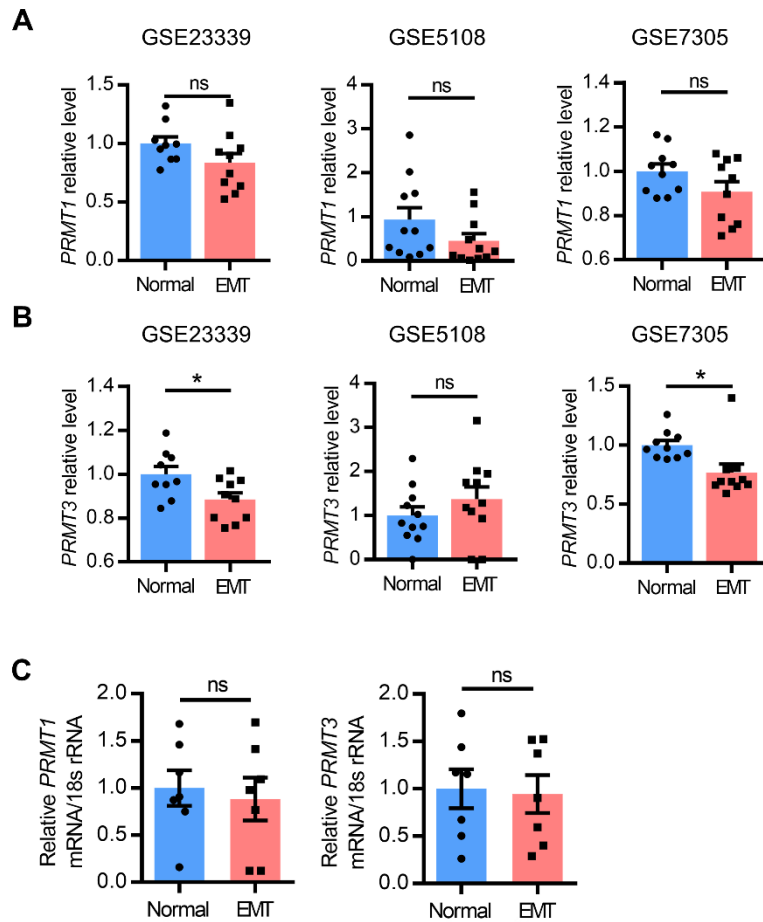
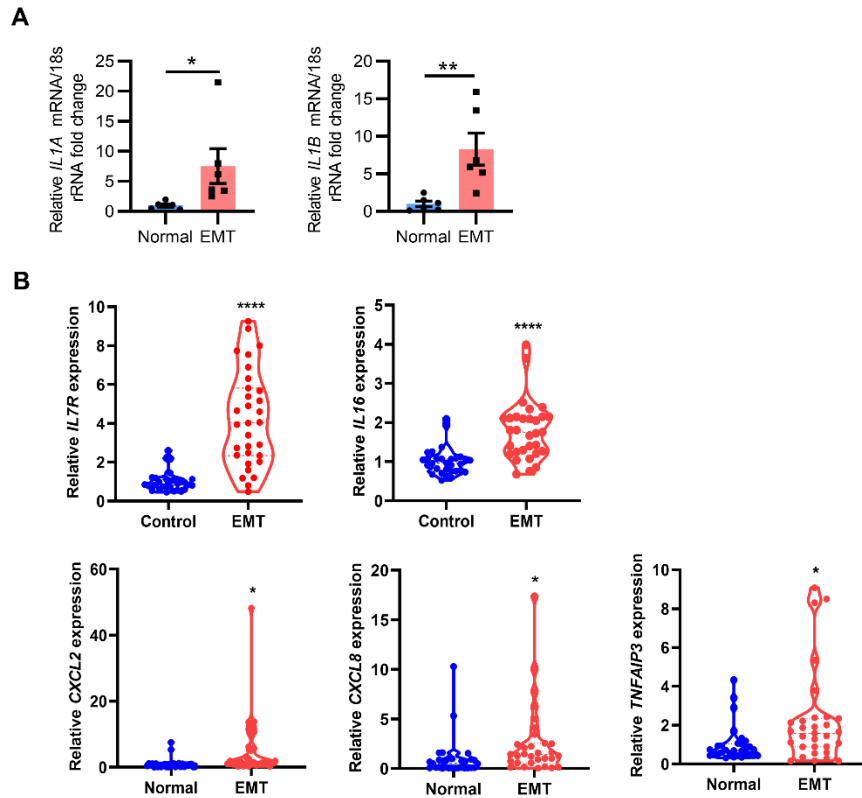


Supplementary Figures



Supplementary Figure 1. Expression of PRMT1 and PRMT3 in endometriosis patients.

(A) The mRNA levels of PRMT1 and PRMT3 in the ectopic endometrium from women with endometriosis (EMT) and endometrium of healthy controls from GSE23339, GSE5108 and GSE7305. (B) qRT-PCR analysis of PRMT1 and PRMT3 mRNA in the mid-secretory phase eutopic endometrium from women with (EMT: n=7) or without (Normal: n=7) endometriosis. Means $\pm$ SEM. * $P < 0.05$; ns, not significant; Student's t test.



Supplementary Figure 2. Increased inflammation in endometriosis patients..

(A) qRT-PCR analysis of *IL1A* and *IL1B* mRNA in the mid-secretory phase eutopic endometrium from women with (EMT: n=7) or without (Normal: n=7) endometriosis. Means $\pm$ SEM. * $P < 0.05$; ** $P < 0.05$; Student's t test. (B) The relative mRNA levels of *IL7R*, *IL16*, *CXCL2*, *CXCL8* and *TNFAIP3* in the ectopic endometrium from women with endometriosis (EMT) and endometrium of healthy controls from GSE23339, GSE5108 and GSE7305. Means $\pm$ SEM. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, Student's t test.