***Supplementary Figures***



**Supplementary Figure 1.** **The number of circRNAs identified in different groups and tissue types. (A)** The number of circRNAs identified by CIRIquant. **(B)** The number of circRNAs identified by CIRCexplorer2.



**Supplementary Figure 2.** **Relationships between DECs and classical immune inflammatory processes in different tissues. (A)** Maternal plasma. **(B)** Maternal monocytes. **(C)** Myometrium. (D) Chorion. **(E)** Placenta**. (F)** Cord blood. (The color of heatmap indicate correlation coefficient between GSVA score and DECs expression level; \* indicate p < 0.05; \*\* indicate p < 0.01; \*\*\* indicate p < 0.001)