

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Source data for Figure 1 (menstrual blood volume, flow rate, cell counts, MenSC frequencies)

File name: Supplementary Data 2

Description: The 19-DMR signature with genomic coordinates and methylation values

File name: Supplementary Data 3

Description: GO over-representation analysis results

File name: Supplementary Data 4

Description: Machine learning model performance metrics

File name: Supplementary Data 5

Description: Differential gene expression analysis results

File name: Supplementary Data 6

Description: Integrated DMR-DGE correlation data