

Supplemental Figure S1. A boxplot showing the maternal energy intake at week 36-38, median (IQR). Mothers in the intervention group had a trend towards lower energy intake compared to controls, $p = 0.089$ (two-sided Mann-Whitney U test).

Supplemental Figure S2. Spearman correlations between CRP (mg/l) in week 28-30 of pregnancy and methylation (%). **A)** Methylation site cg17389519 shows a negative correlation with CRP levels, $\rho = -0.31$, $q = 0.017$ and **B)** methylation site cg27394563 shows a positive correlation with CRP levels, $\rho = 0.31$, $q = 0.017$.