Figure S1. Multidimensional scaling plot of DNA methylation data from all samples and all 347,789 probes
Beta distribution from birth and 18 year longitudinal samples

Figure S2. Beta distribution plots coloured by sample age
Figure S3. Sequenom validation of VWF gene body enhancer birth-DMP
**Figure S4.** Sequenom validation of candidate long-term preterm-DMPs flanking tandem EGR1 consensus sites and genomic landmark context.
Figure S5. Sequenom validation of TINAGL 3’UTR candidate long term preterm-DMP

A

HM450
Cg06730678 (CpG7)

Sequenom
CpG8_9

B

CCACGCGGGGTCCCGGCTGGGATCCAGCTAAGGGCCGCAGGAAAGGCCCAGAATGGGGGCGTGACCAGCTCCTGCCGAGA