

Third trimester phthalate exposure is associated with DNA methylation of growth-related genes in human placenta

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Gene	PCR primer	CpGs position
<i>IGF2</i>	Primer Forward (Bio): ATGAATGAGTATTTTTAGGGAAATTGTT Primer Reverse: TCCATATCCCCCCTAAATTAACTTCT Sequencing primer: CCTCCCTAACACAAAA	Pos1=2148430 Pos2=2148479
<i>AHRR</i>	Primer Forward: GGTAGTTATTTAGTTAAGTTTTTTTTT Primer Reverse (Bio): TTCACTCTAAATACTAAAACATTTC Sequencing primer: TAAGTTTTTTTTTTGA	Pos1=420093 Pos2=420109 Pos3=420119

Table S1. PCR and Pyrosequencing primers.

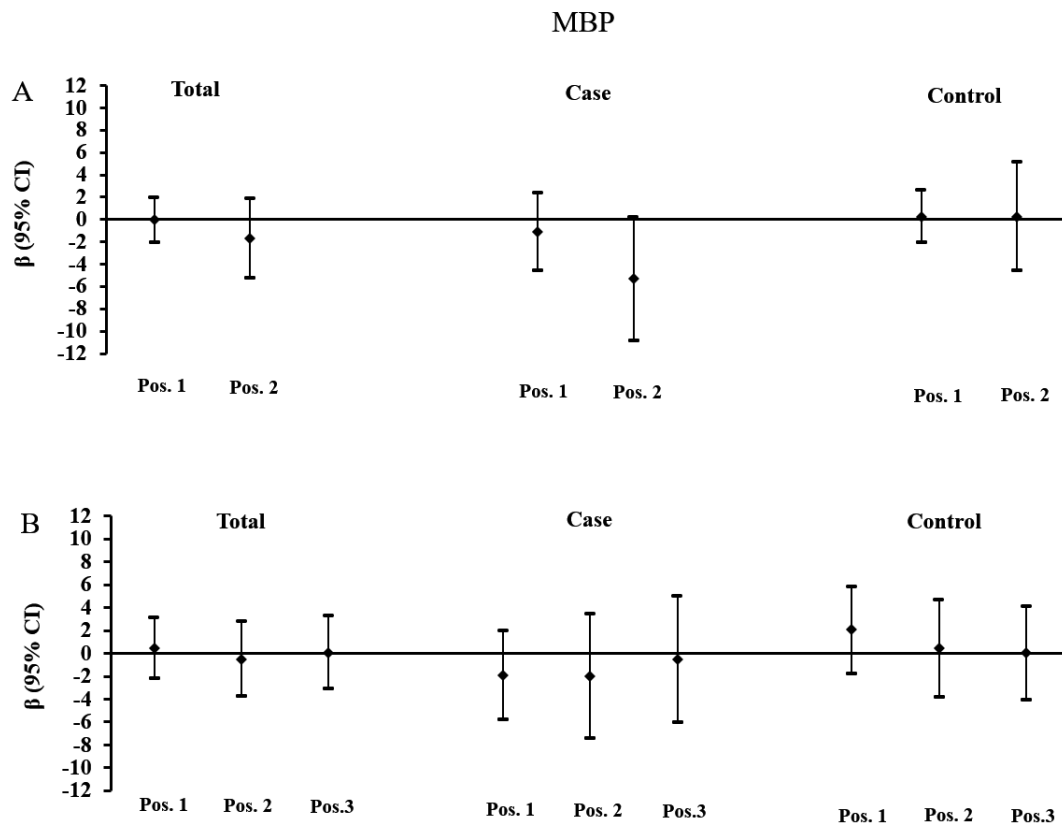


Figure S1. Associations of maternal urinary concentrations of MBP with placental DNA methylation of *IGF2* and *AHRR*. (A) Adjusted β and 95% CI for *IGF2* DNA methylation. (B) Adjusted β and 95% CI for *AHRR* DNA methylation. Adjusted for gestational age, ETB, maternal age, delivery type, and infant sex, infection, and other phthalate metabolites.

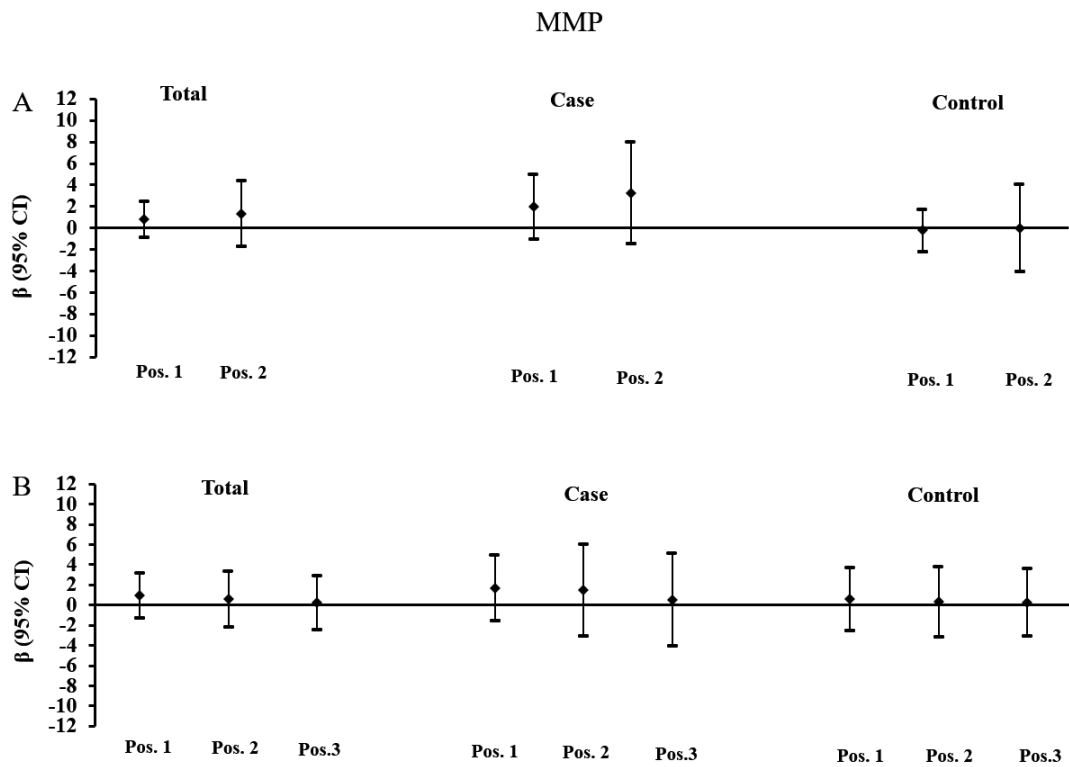


Figure S2. Associations of maternal urinary concentrations of MMP with placental DNA methylation of *IGF2* and *AHRR*. (A) Adjusted β and 95% CI for *IGF2* DNA methylation. (B) Adjusted β and 95% CI for *AHRR* DNA methylation. Adjusted for gestational age, ETB, maternal age, delivery type, and infant sex, infection and other phthalate metabolites.