Supplemental Material

Lead Exposure during Early Human Development and DNA Methylation of Imprinted Gene Regulatory Elements in Adulthood

Yue Li, Changchun Xie, Susan K. Murphy, David Skaar, Monica Nye, Adriana C. Vidal, Kim M. Cecil, Kim N. Dietrich, Alvaro Puga, Randy L. Jirtle, and Cathrine Hoyo

Table of Contents

Table S1. Amplicon data of DMRs with methylation analyzed by MassArray

Table S2. PCR conditions for DNA methylation analysis for 22 DMRs

Table S3. Imprinted gene DMR methylation analysis for the 105 participants with varying levels of lead exposure

Table S4. Correlation coefficients and p-values for the relationship among lead levels from pre- and post-natal period, age 1-78 months

Table S5. Adjusted regression coefficients for the association between maximum lead exposure and PEG3, IGF2/H19, and PLAG1/HYMAI DMR methylation