

Figure S6. Results of methylation analysis. Histograms show the distribution by chromosome of CpG sites of (A) the 1,505 CpG sites represented on Illumina's GoldenGate Methylation Cancer Panel I array; (B) the 97 differentially methylated CpG sites for the sex effect at $P < 0.05$ (ANOVA); (C) the 69 differentially methylated CpG sites between locations at $P < 0.05$, and (D) the 24 differentially methylated CpG sites for the sex and location interaction effect at $P < 0.05$. The X chromosome is shown in dark green. Panel B can be considered a positive control for the success of the analysis since methylation is known to preferentially mark X-linked loci.

