

#### **Supplemental Figure 4. Aberrant methylation at the region distal from TSS.**

(a) Distribution of the distance from transcription start sites to differentially methylated sites in CpG islands. CpG density is shown as a black line. Dotted lines show the ratio of hyper- or hypomethylated CpGs to CpG density. (b) Correlation analysis between gene expression and methylation patterns of regions around TSS. The fraction of genes positively or negatively correlated (ppc: pearson's correlation constants  $> 0.6$  or  $< -0.6$ , respectively) was plotted.

Supplemental Figure 4

