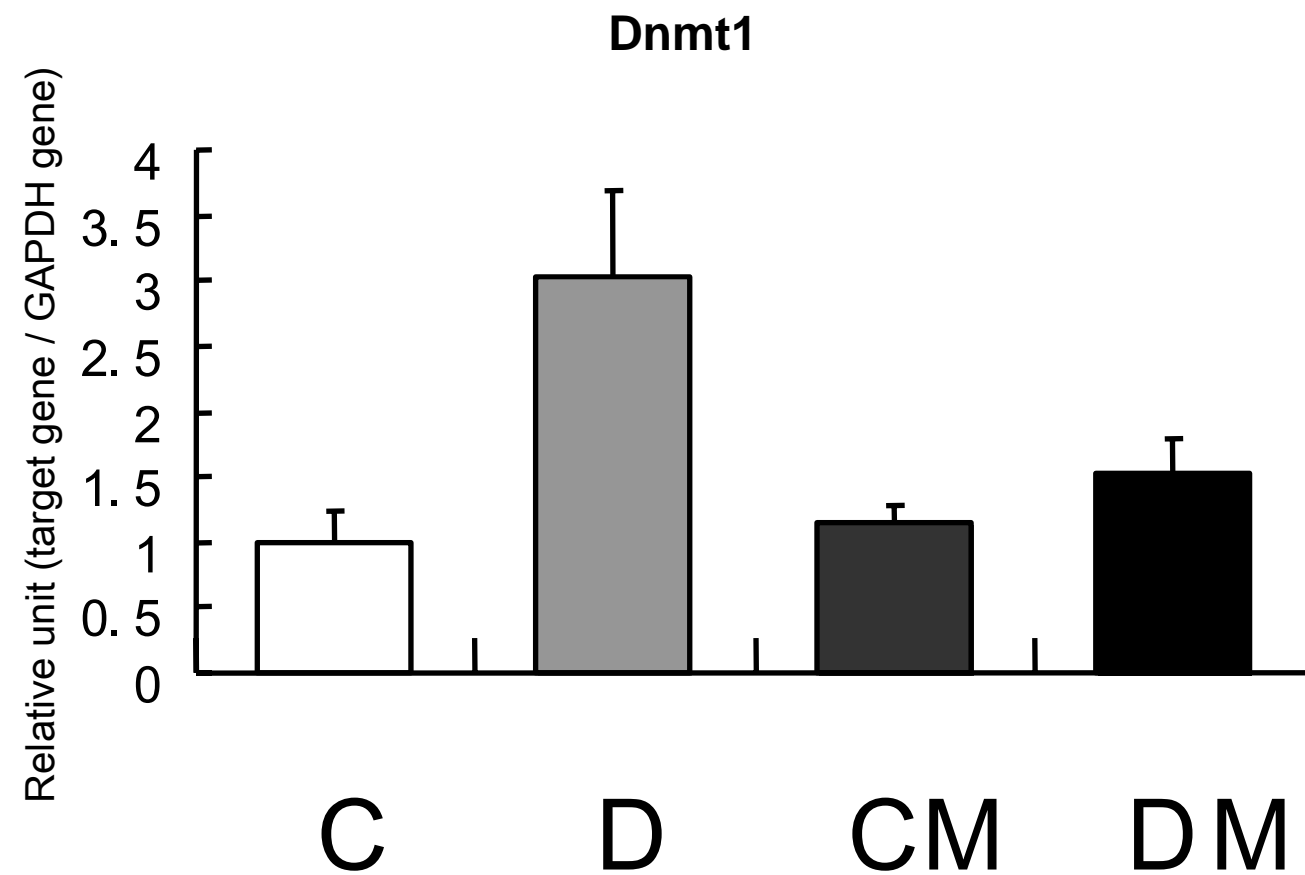
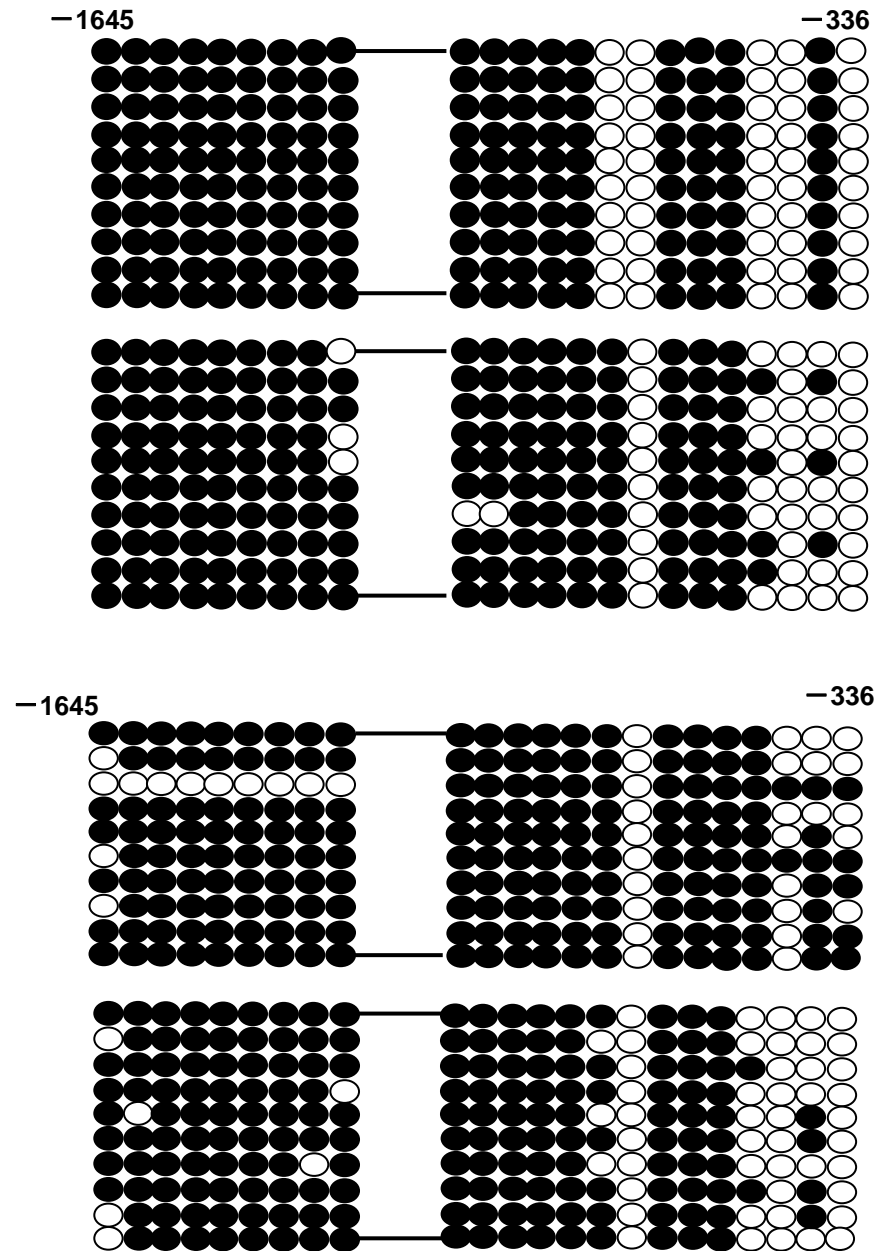


Supplemental Figure 1A



Supplemental Figure 1B



Control group

B-12 deficient group

Supplemental Figure 1

A Quantitative RT-PCR analysis of Dnmt1 gene expression in liver. Each group of rats was analyzed. Control (C), B-12-deficient (D), control + methionine (CM) and B-12-deficient + methionine (DM). Data are means \pm SD, n = 6. Bars with different letters are significantly different by 2-way ANOVA, $p < 0.05$. **B** The methylation status of individual CpG sites within the promoter CpG island of the Dnmt1 gene by the sodium bisulfite-sequencing assay. Pictorial representation of the methylation status at each CpG site of each of 10 subclones for control and B-12-deficient rat liver. Each row represents one subclone. Open circles represent unmethylated cytosines in CpG sites, whereas filled circles represent methylated cytosines in CpG sites.