

Low-High

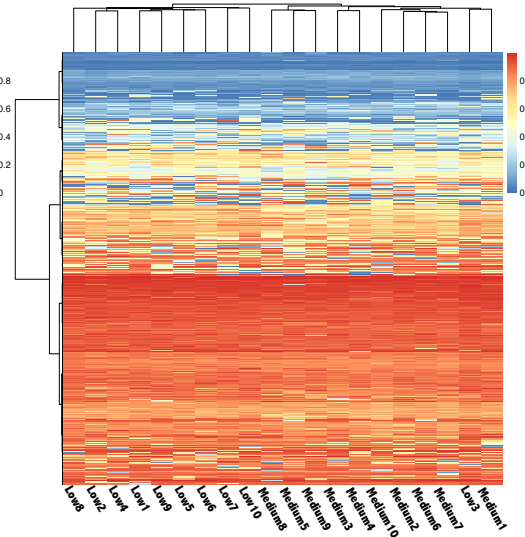
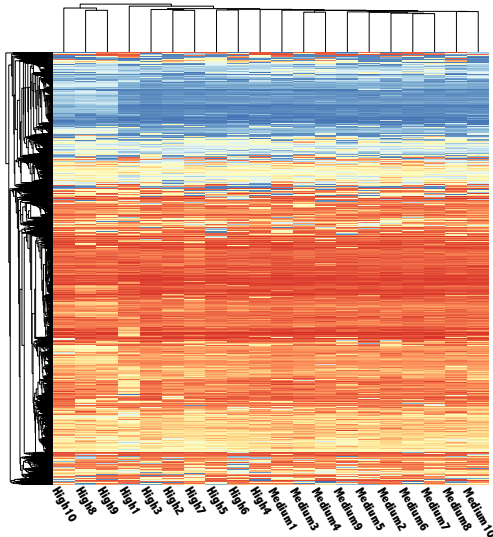
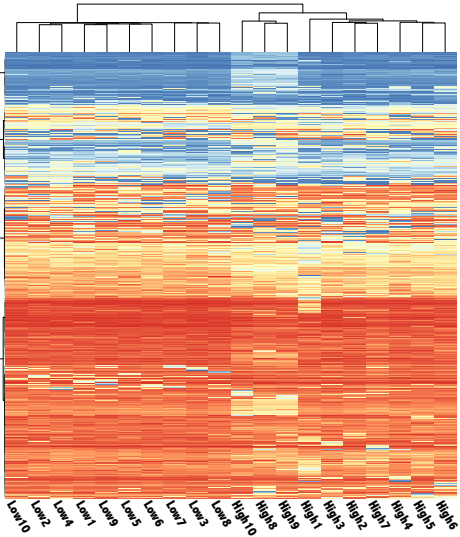
1a

Medum-High

1b

Low-Medium

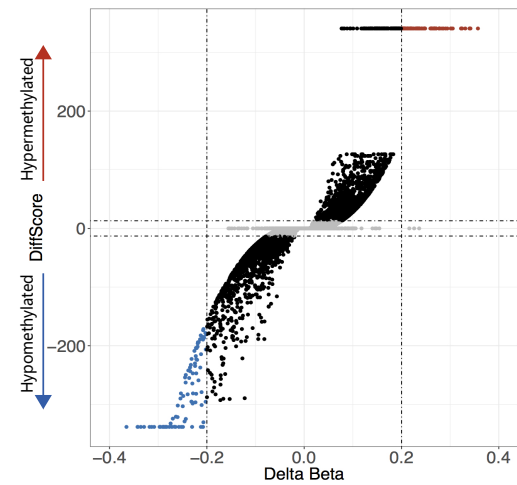
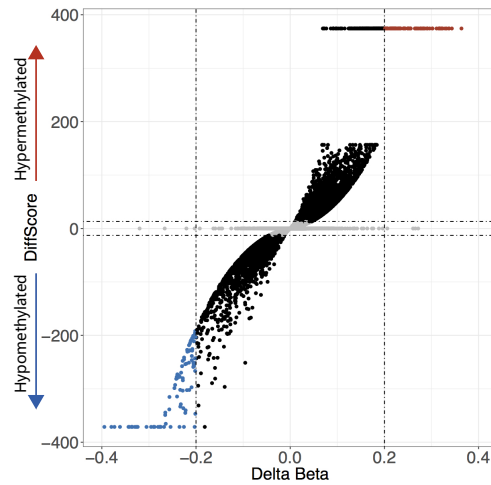
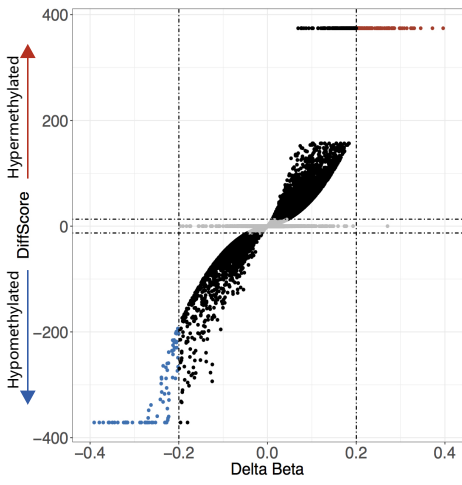
1c



2a

2b

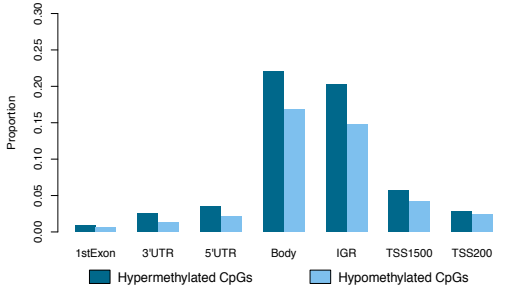
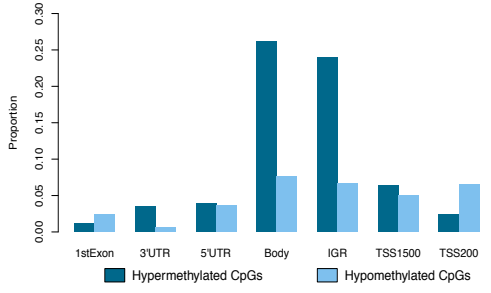
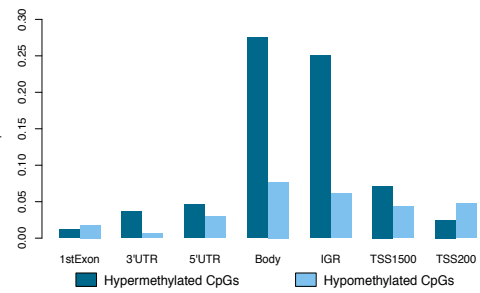
2c



3a

3b

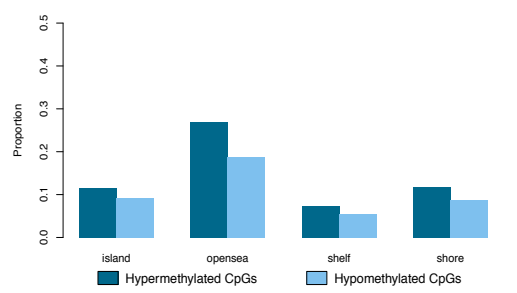
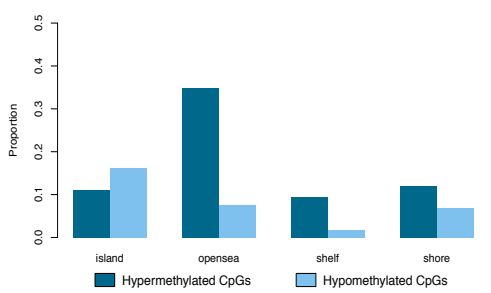
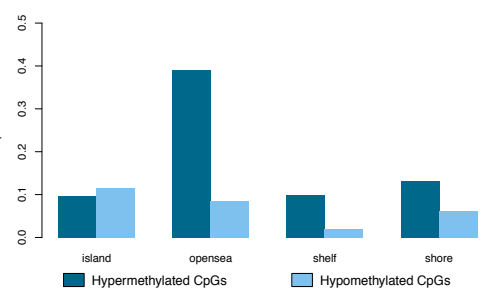
3c



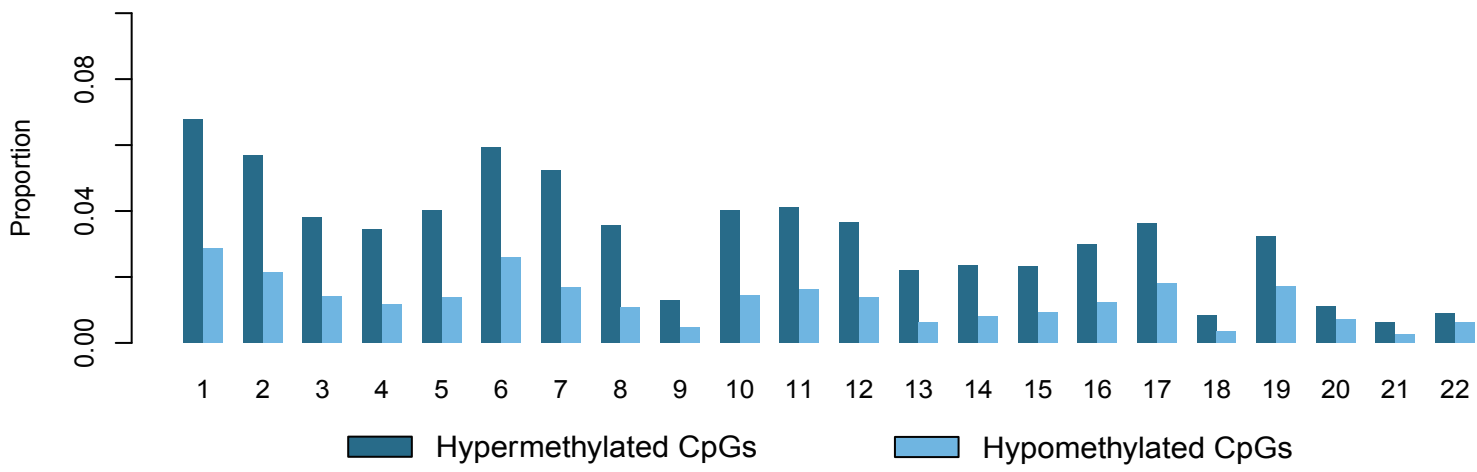
4a

4b

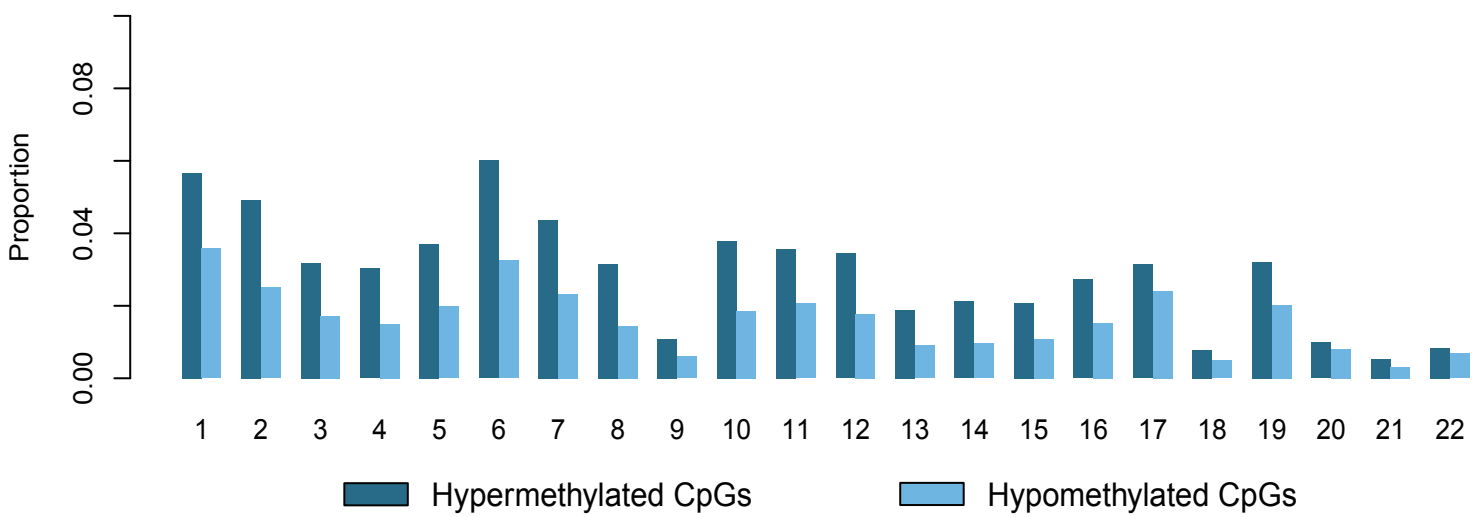
4c



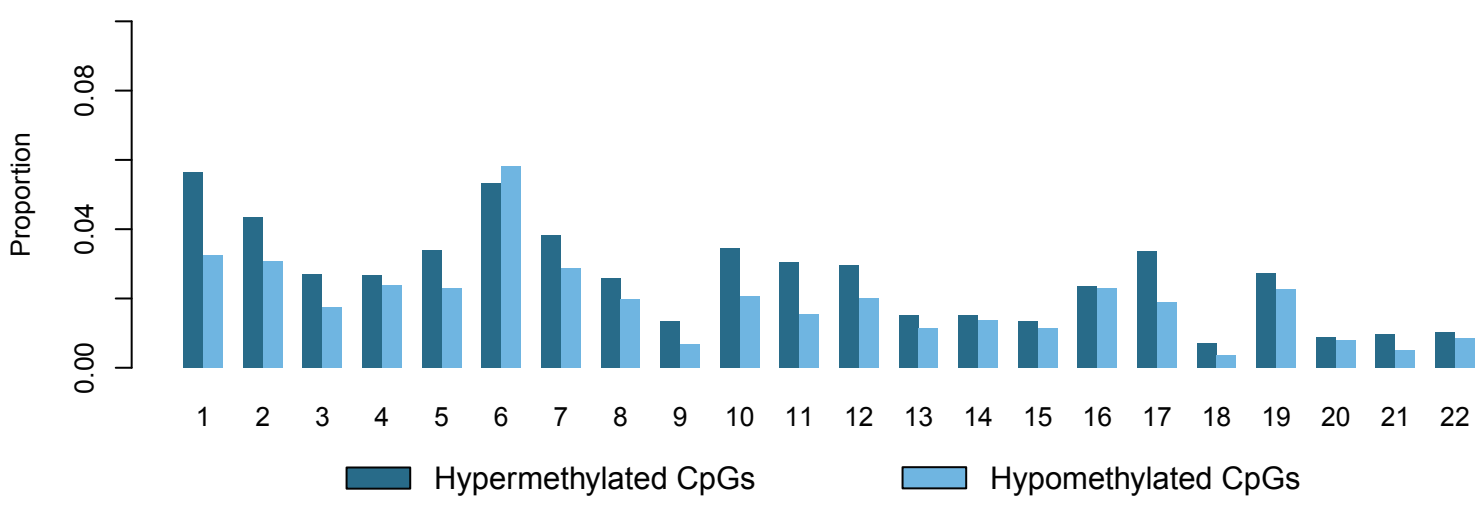
5a



5b



5c



1a, 1b and 1c: the heatmap of hierarchical clustering for samples and CpGs (Low-High, Medium-High, and Low-Medium).

2a, 2b and 2c: the Volcano plot depicts the genome-wide distribution of hypo- and hypermethylated CpGs based on their $\Delta\beta$ and DiffScore (Low-High, Medium-High, and Low-Medium).

3a, 3b and 3c: the bar chart represents the distribution of the differential CpGs of the genomic region (Low-High, Medium-High, and Low-Medium).

4a, 4b and 4c: the bar chart represents the distribution of the differential CpGs of the CpG island region (Low-High, Medium-High, and Low-Medium).

5a, 5b and 5c: the bar chart represents the distribution of the differential CpGs of the chromosomes (Low-High, Medium-High, and Low-Medium).

