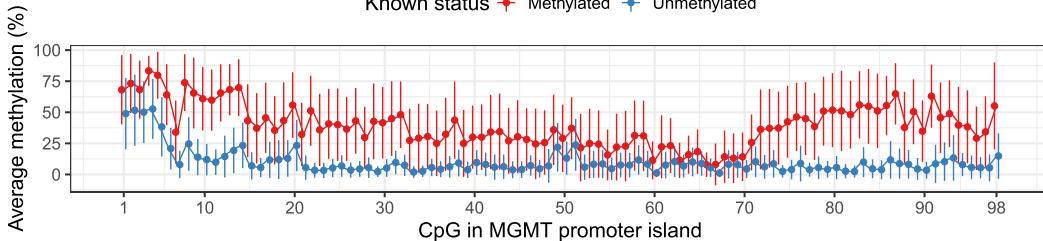
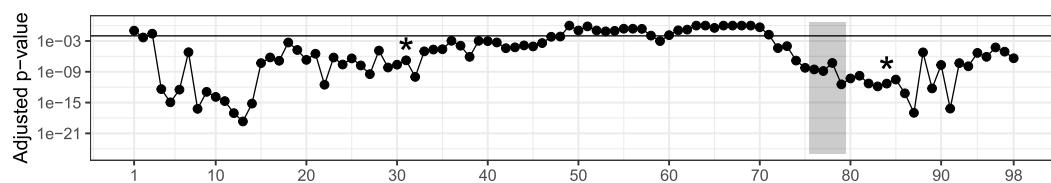


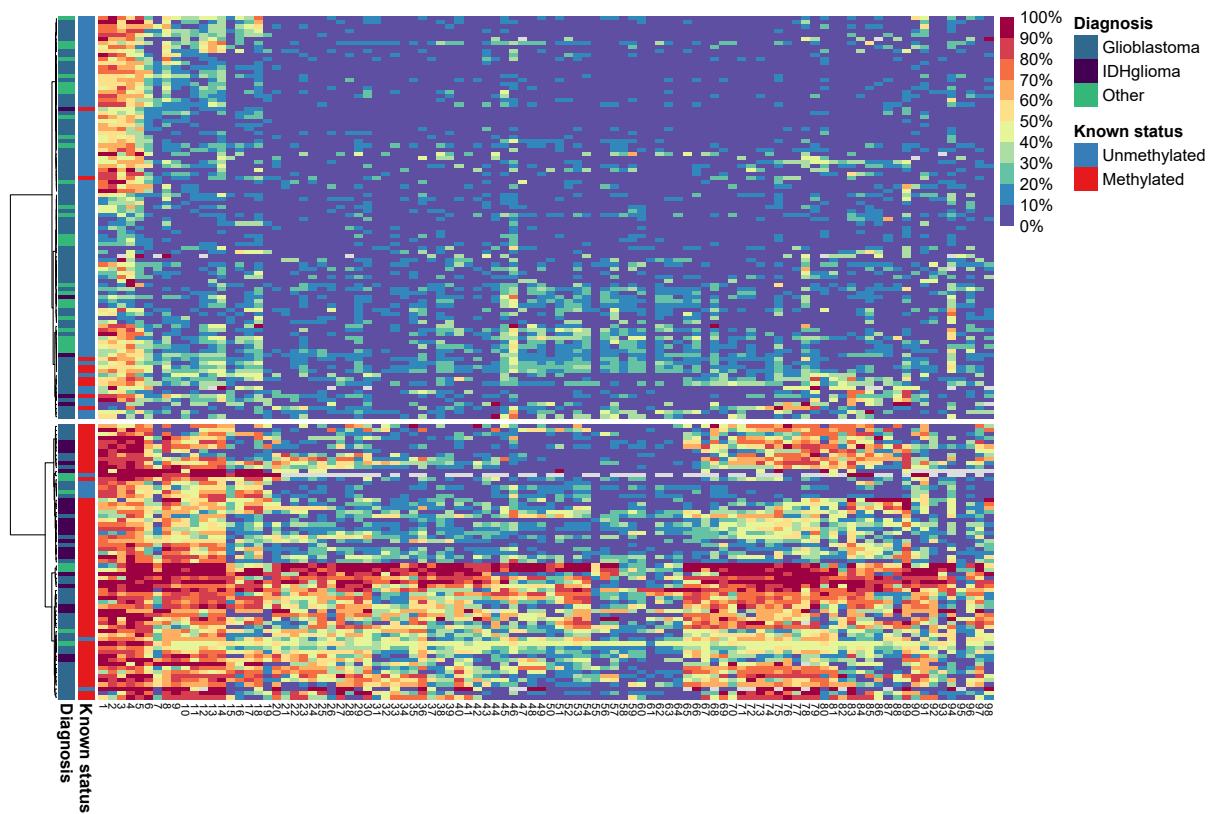
Known status ♦ Methylated ♦ Unmethylated



(a)



(b)



(c)

Figure 4: (a) Dotplot showing average methylation percentage of each CpG site in the *MGMT* CpG-island. Error bars represent standard deviation. (b) Dotplot showing Bonferroni adjusted p-values of Welch's two-sided t-test between methylated and unmethylated samples for each CpG site. Grey vertical bar shows the location of CpG sites analyzed by the *MGMT* pyro kit, asterisks show the location of probes included in the *MGMT*-STP27 classifier. Horizontal line depicts adjusted p-value of 0.01. (c) Unsupervised hierarchical clustering of all samples based on nanopore sequencing of 98 CpG sites of the *MGMT* CpG-island ($n = 165$).