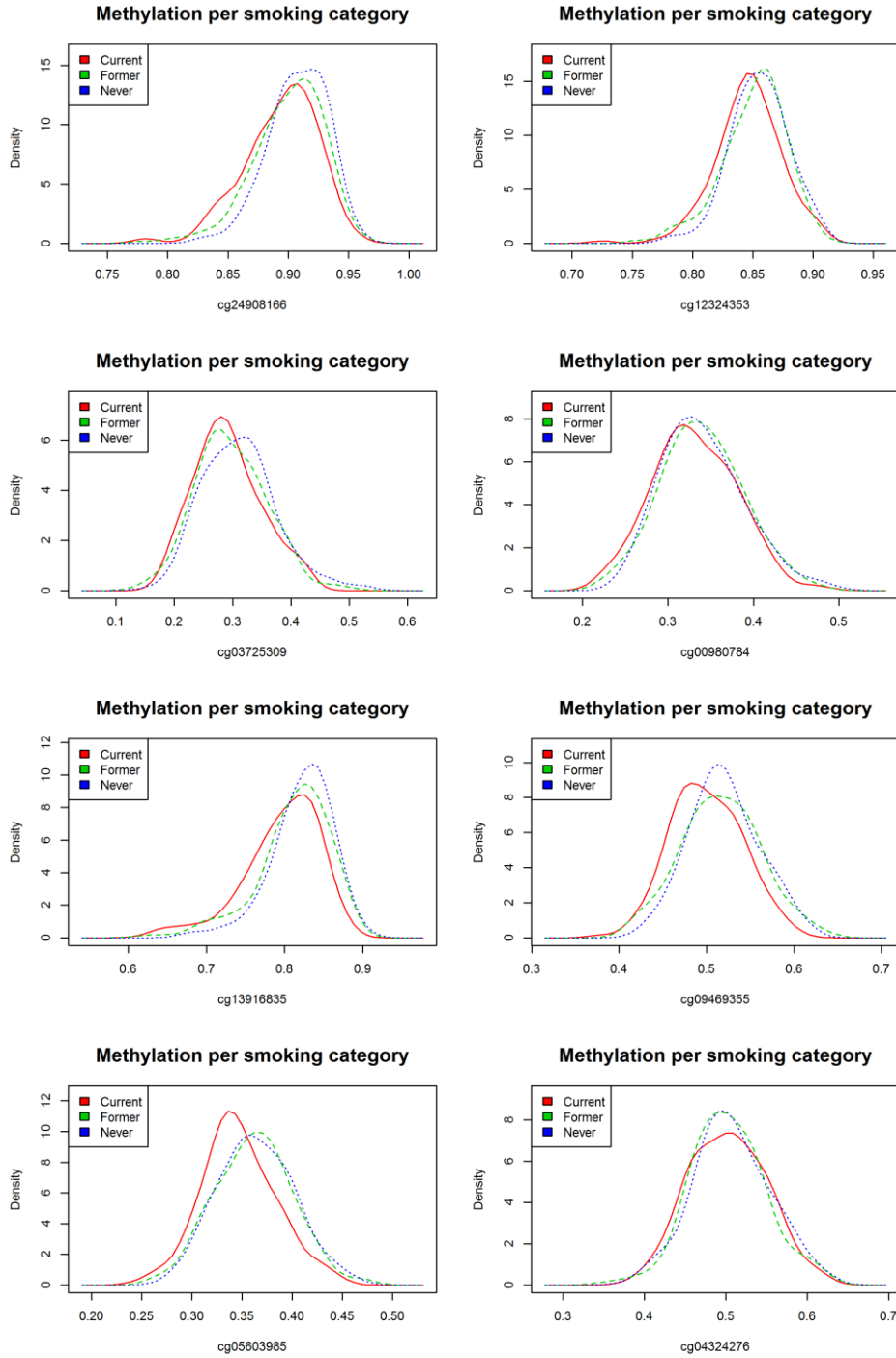


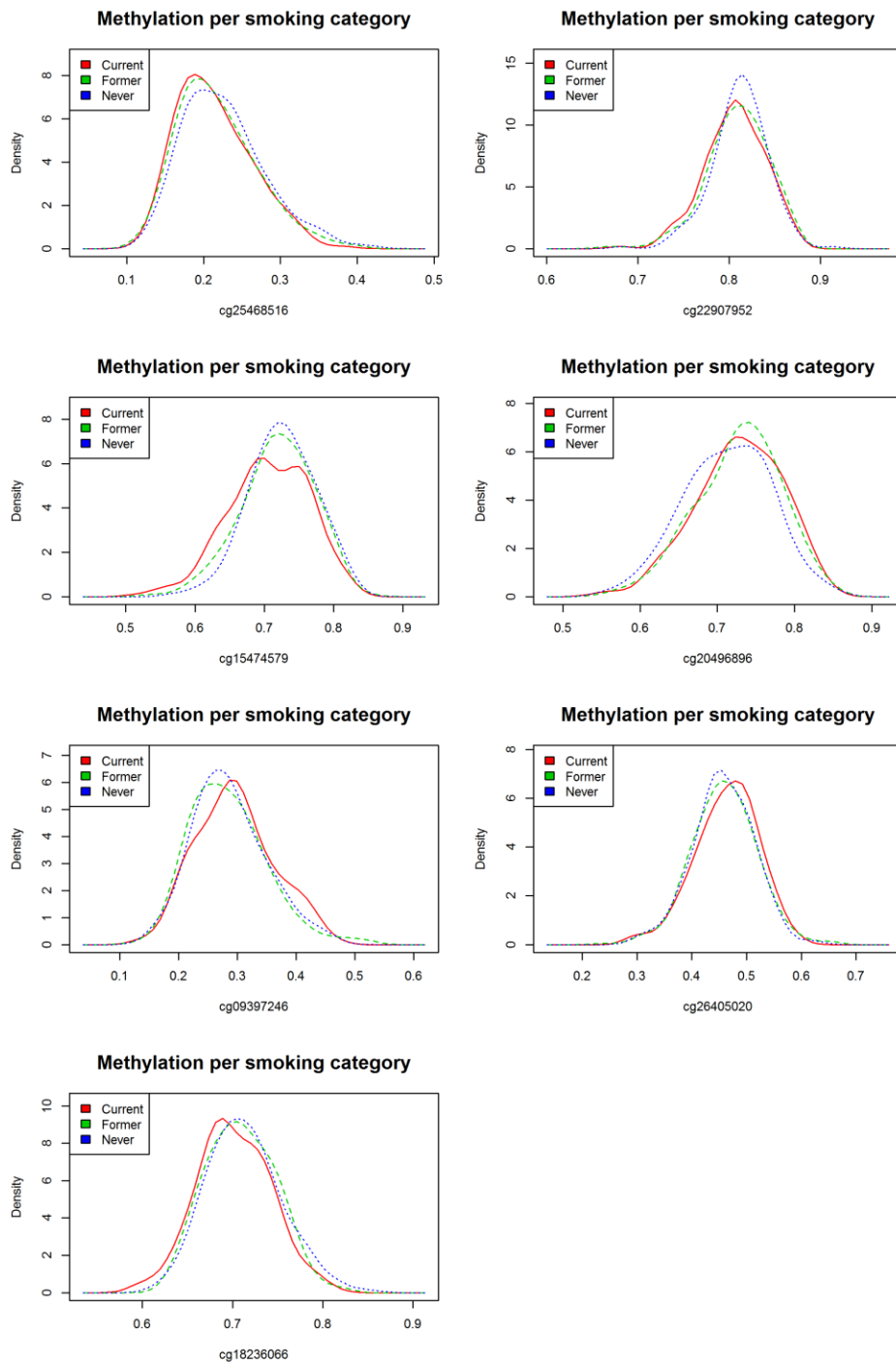
## Additional file 2

Figure S1 – Beta-value distributions of significant CpG sites per smoking category



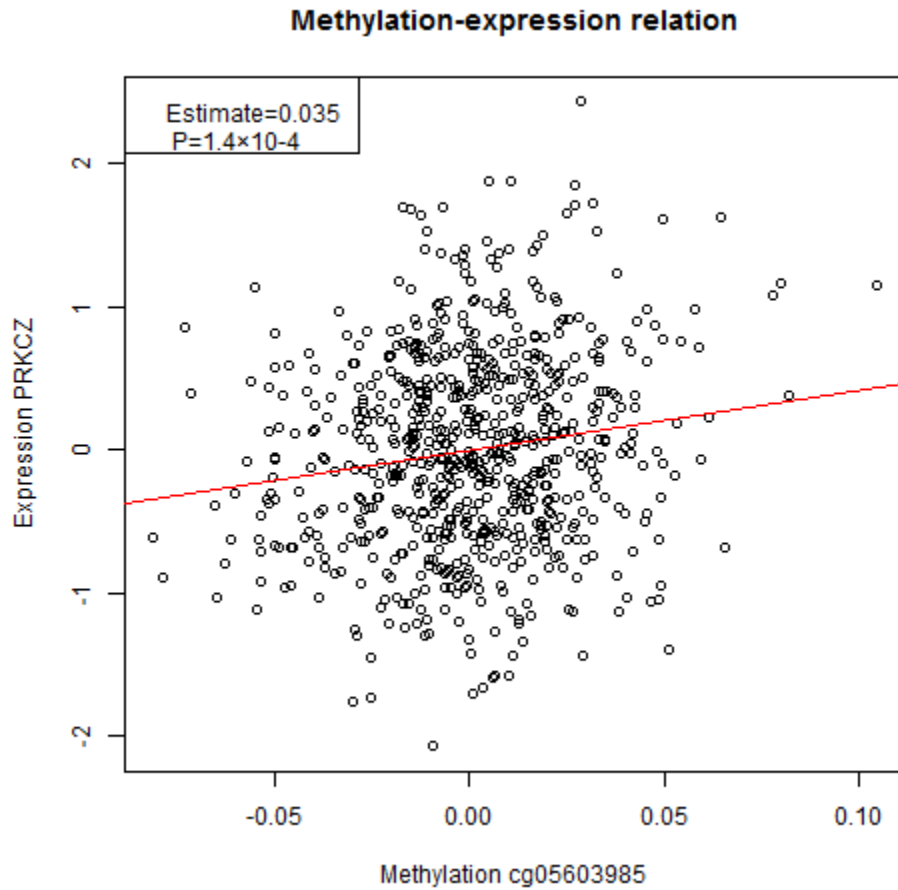
Kernel density plots of the methylation beta-values of the significant CpG sites stratified by smoking category.

**Figure S1 Continued – Beta-value distributions of significant CpG sites per smoking category**



Kernel density plots of the methylation beta-values the significant CpG sites stratified by smoking category.

Figure S2 - Relation between methylation of cg05603985 and expression of *PRKCZ*



*PRKCZ* expression is quantile-normalized to the median distribution and subsequently log<sub>2</sub>-transformed, after which residuals were created by regressing out age, sex, batch effects, houseman estimated white blood cell proportions, erythrocytes and platelet cell counts, fasting state and RNA quality score. Cg05603985 methylation are residual Dasen normalized beta-values after regressing out age, sex, houseman estimated white blood cell proportions and batch effects. Estimate is change in residual expression per percentage residual methylation increase.