

### **Supplemental Figure Legends**

**Supplemental Figure 1.** Correlation analysis of the expression of 67 genes demonstrating differential DNA methylation and gene expression levels in the small airway epithelium of waterpipe smokers vs nonsmokers. Comparison of the waterpipe smokers vs nonsmokers  $\log_2$  mean ratio in HG-U133 Plus 2.0 array gene expression (n=3 waterpipe smokers and n=3 nonsmokers) with RNA Sequencing gene expression from a subset of the same samples (n=3 waterpipe smokers and n=3 nonsmokers).

