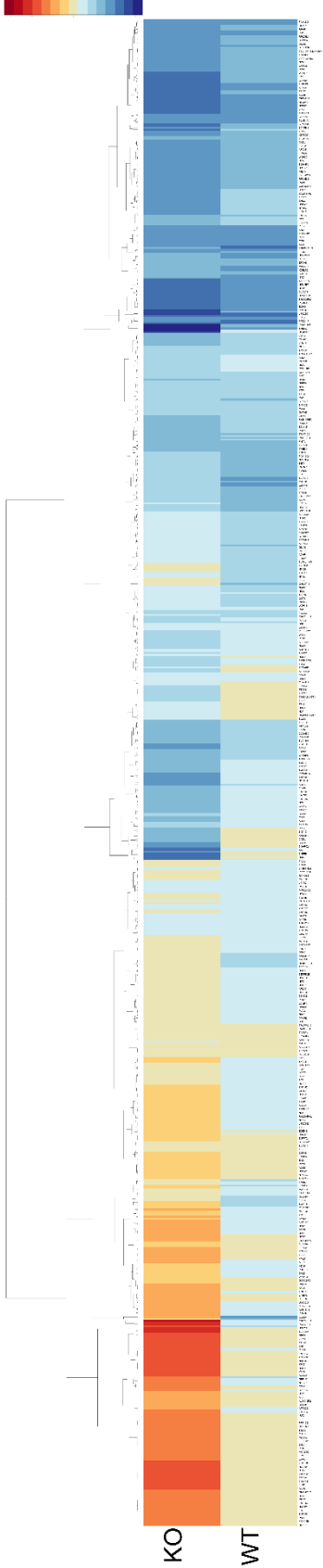


Supplementary Figure 1.



Legend:

Heatmap of genes showing different levels of methylation at the promoter regions and different levels of expression between WT and SUV39H1_KO cells. The methylation profile was compared with the RNASeq data from the WT and SUV39H1_KO cells and 980 genes were showing differences both in the levels of methylation at the promoter regions and the levels of expression between WT and KO cells.