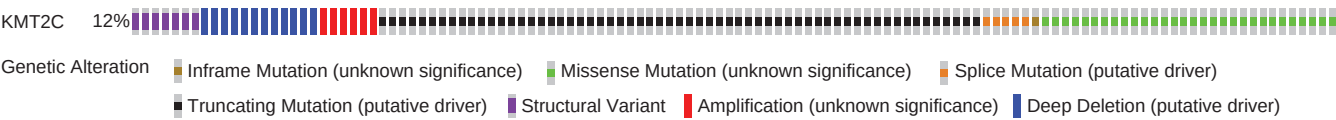
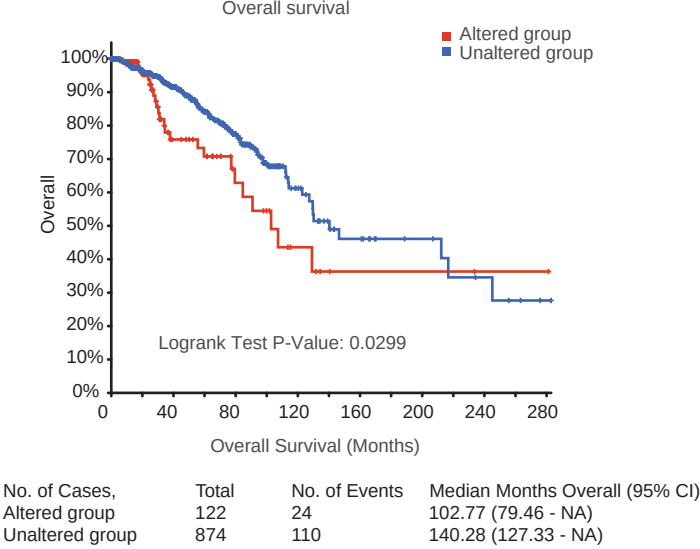
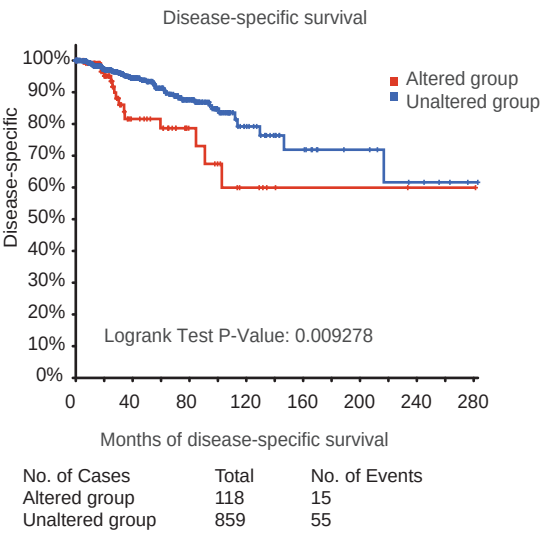


Supplementary Figure 1

A

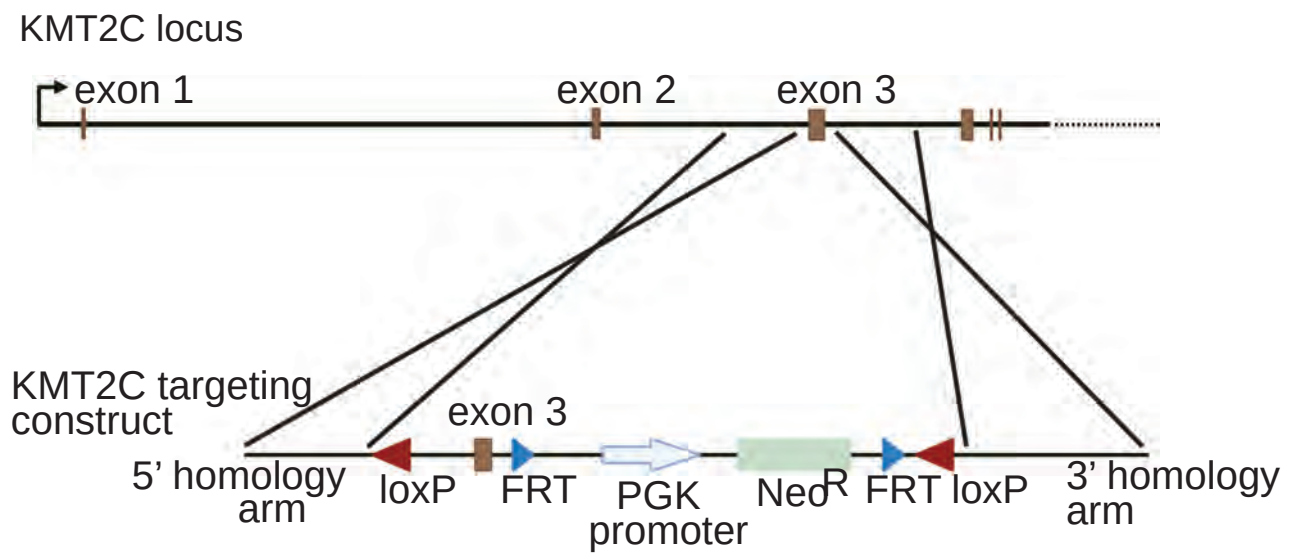


B

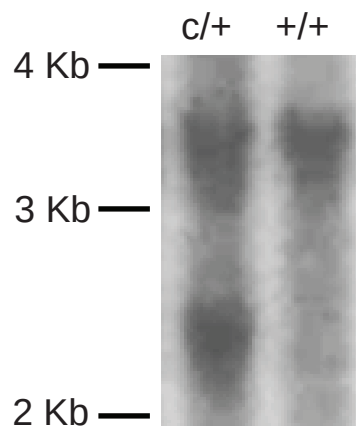


Supplementary Figure 2

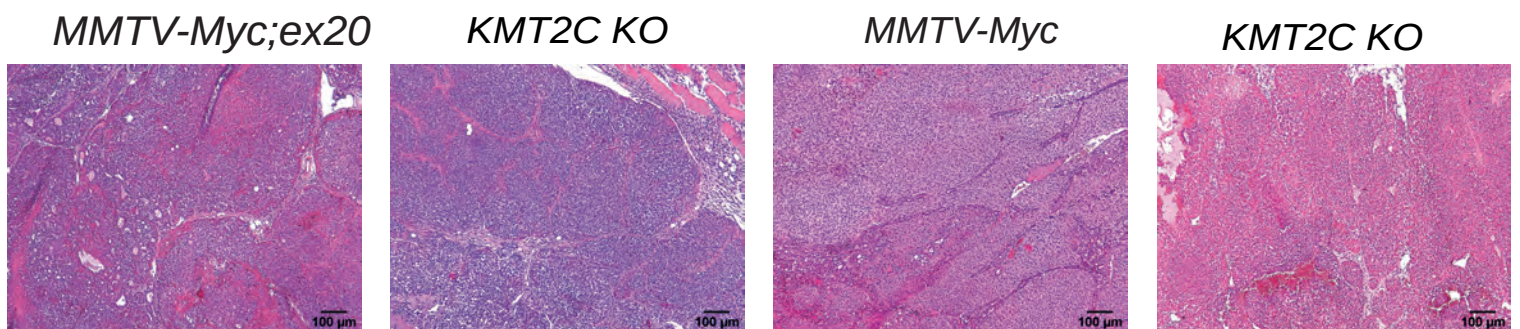
A



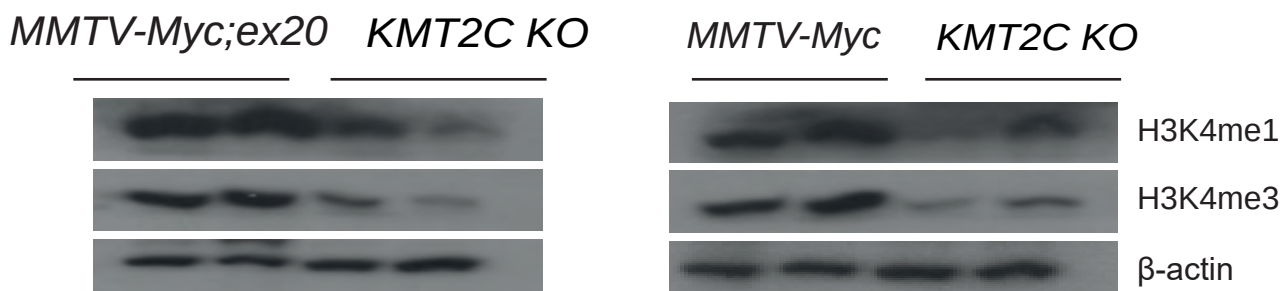
B



C



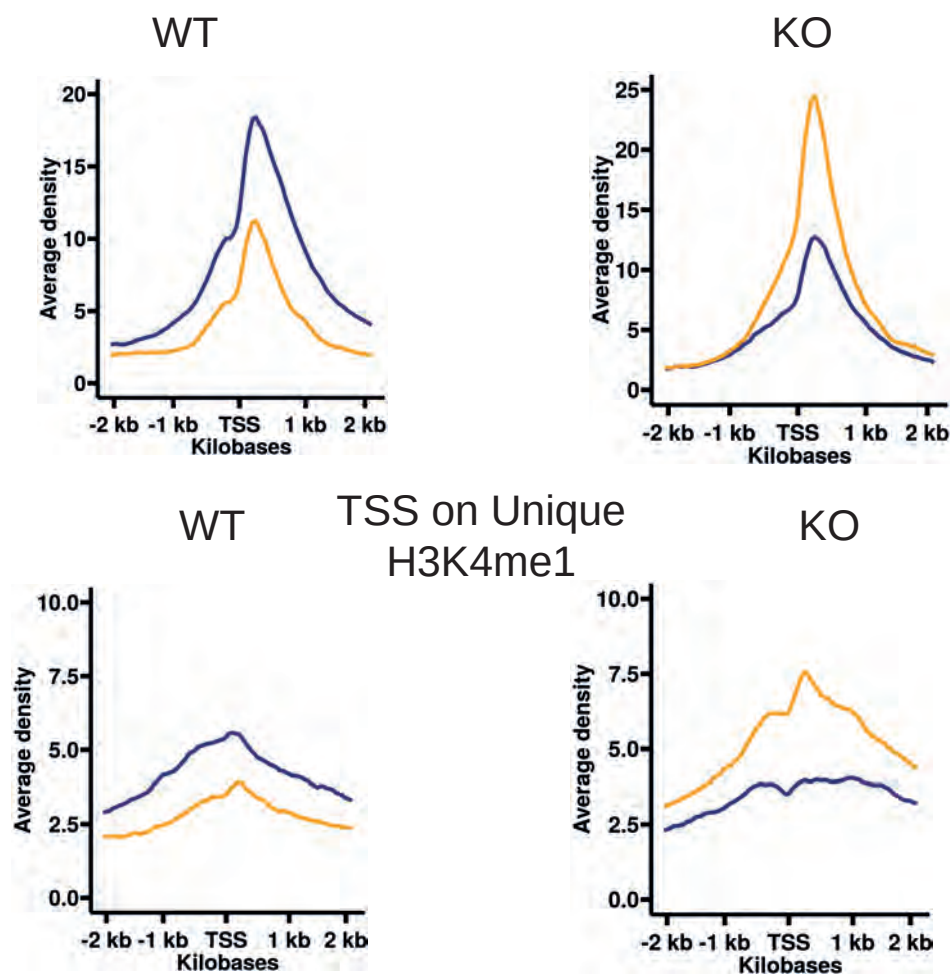
D



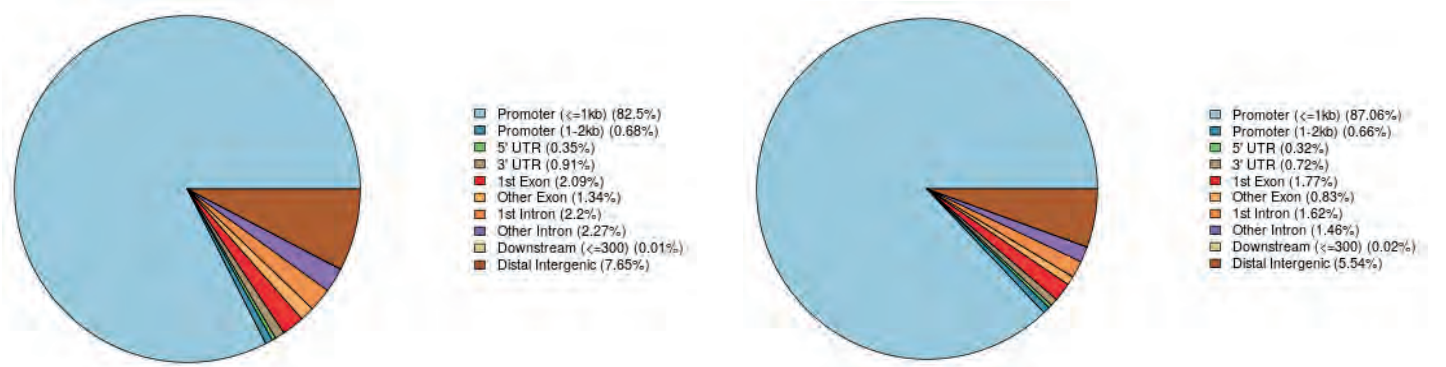
Supplementary Figure 3

A TSS on Unique H3K4me3

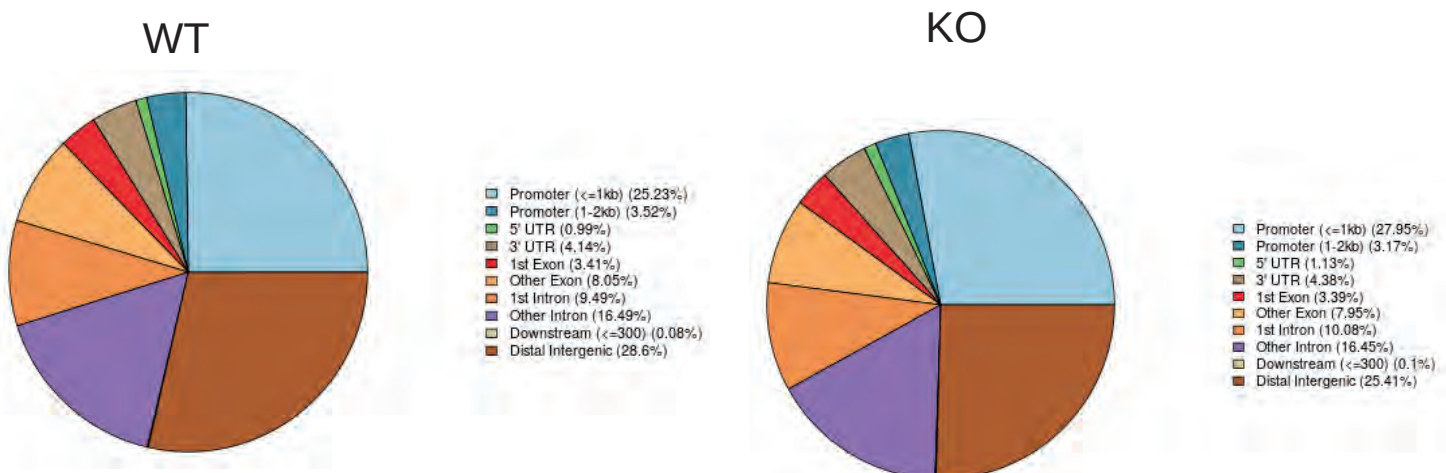
B eTSS on Unique H3K4me1



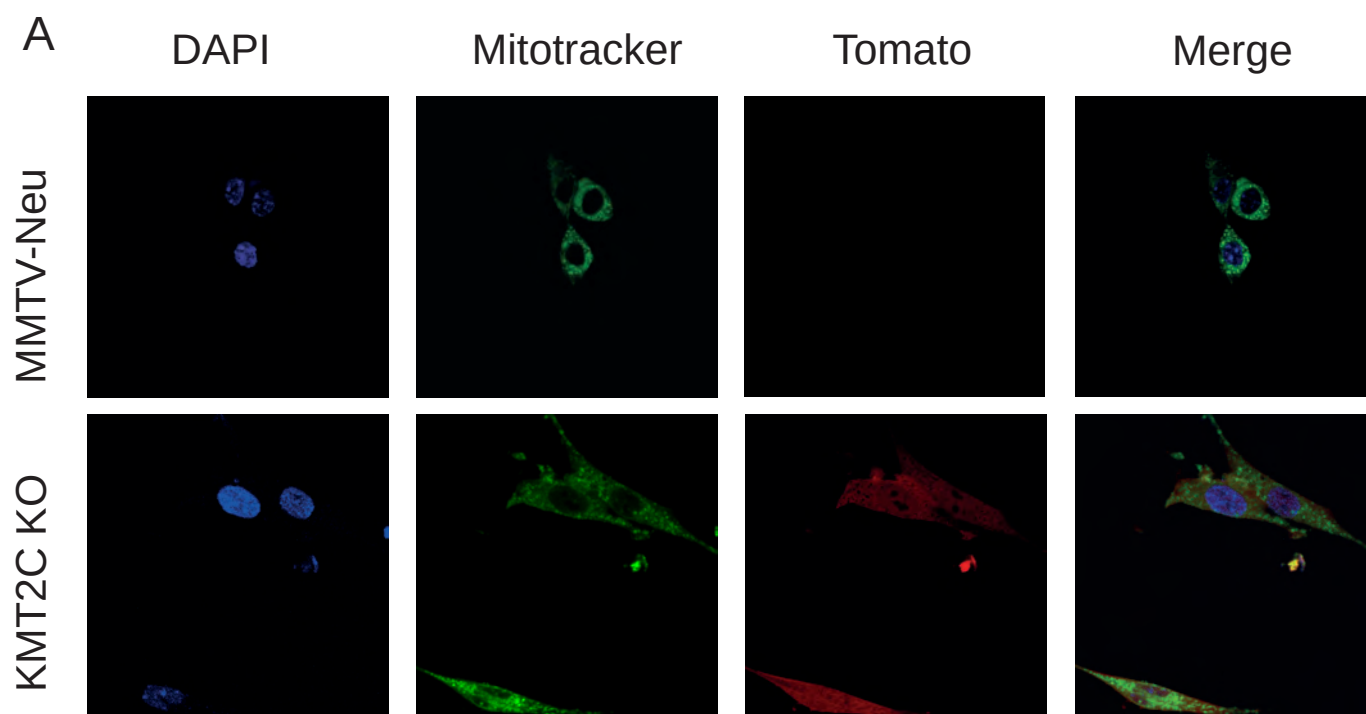
C H3K4me3 (all)



H3K4me1 (all)



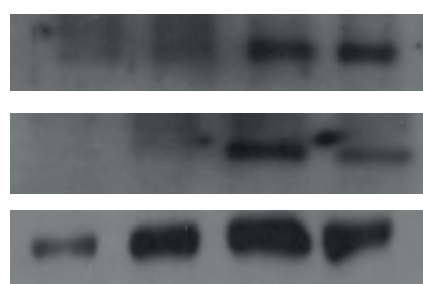
Supplementary Figure 4



B

MMTV-Neu
cells

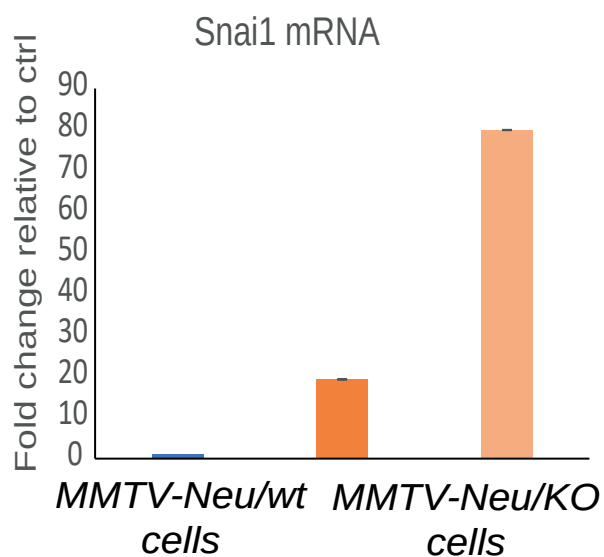
KMT2C KO
cells



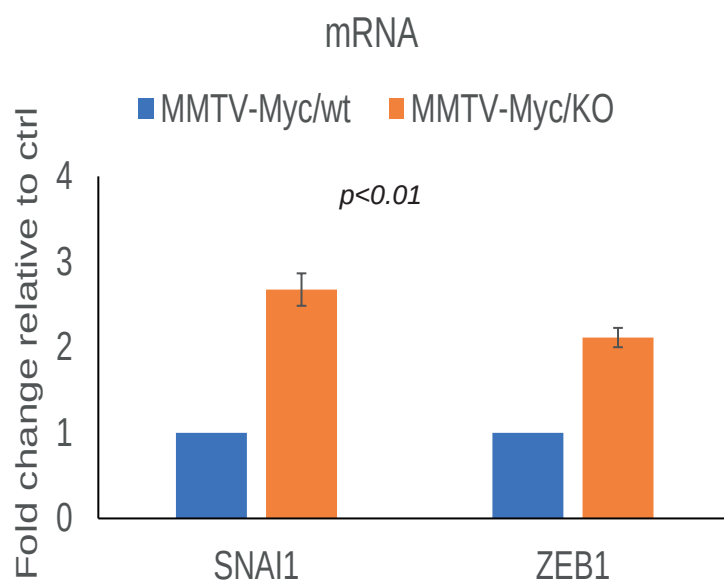
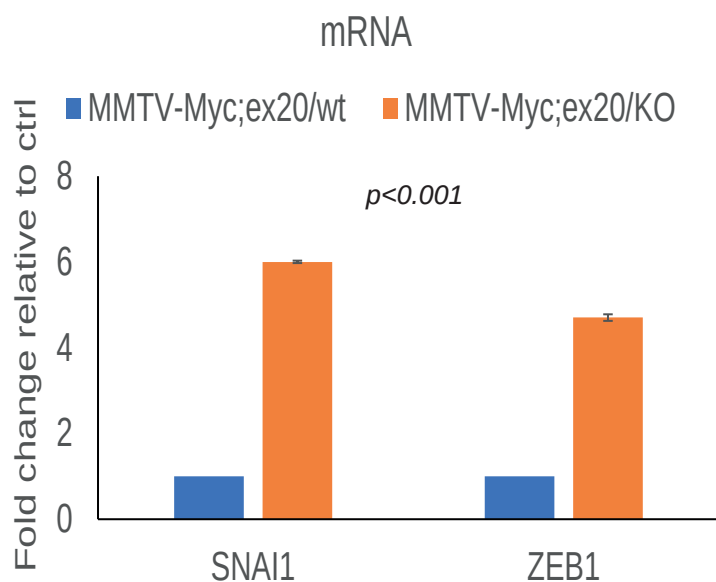
Snai1

Snai2

β-actin



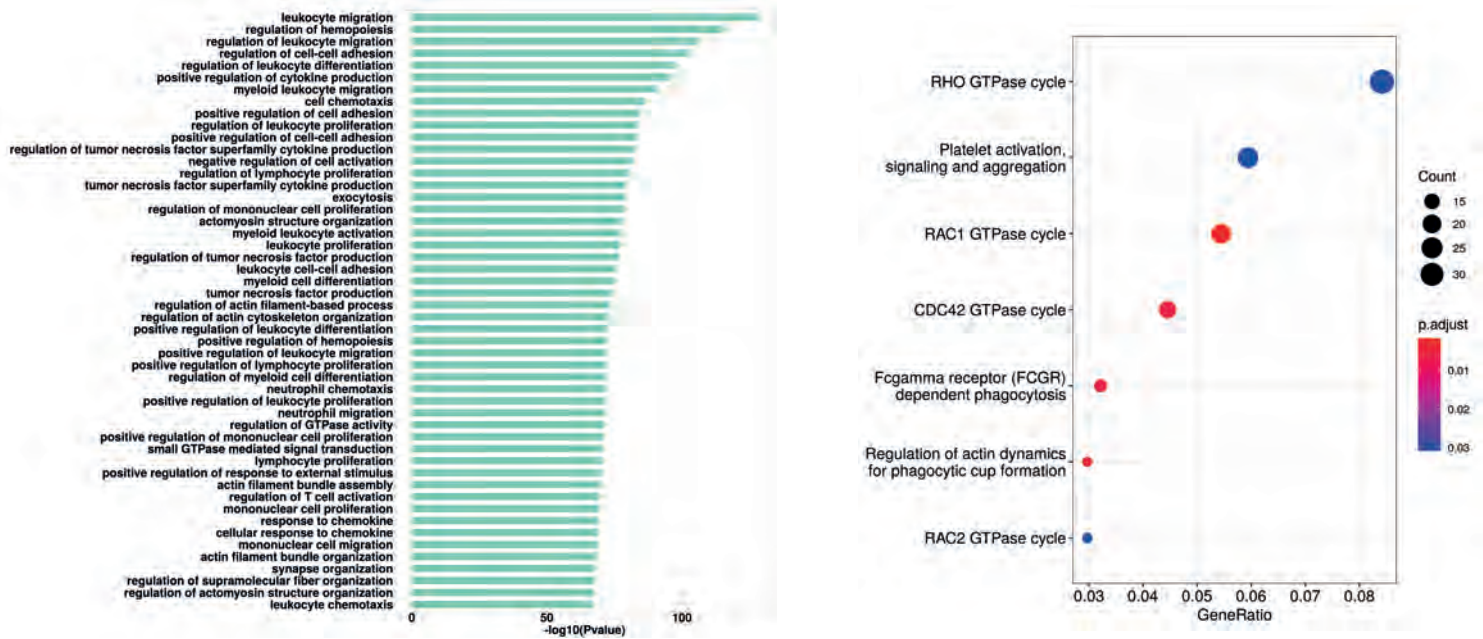
C



Supplementary Figure 5

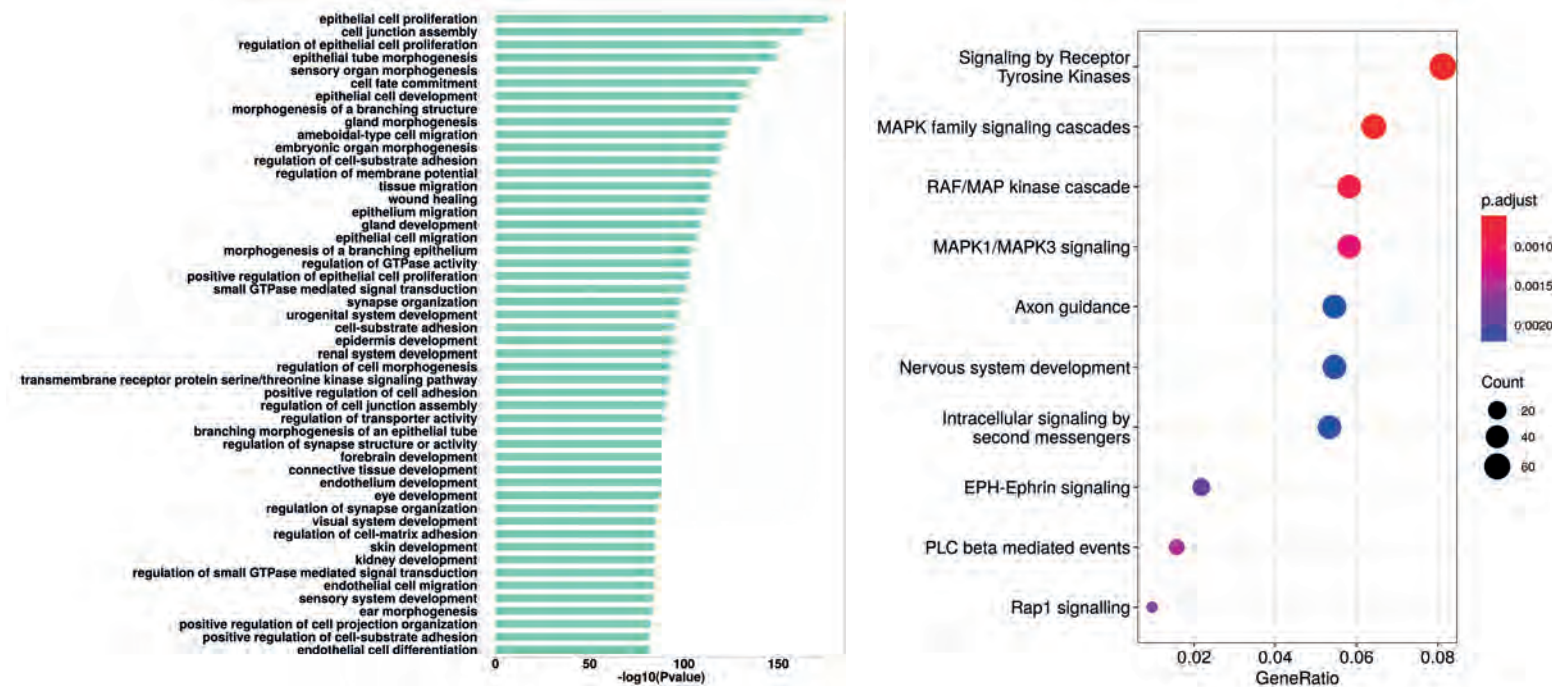
A

Pathways enriched in H3K4me3 KMT2C KO



B

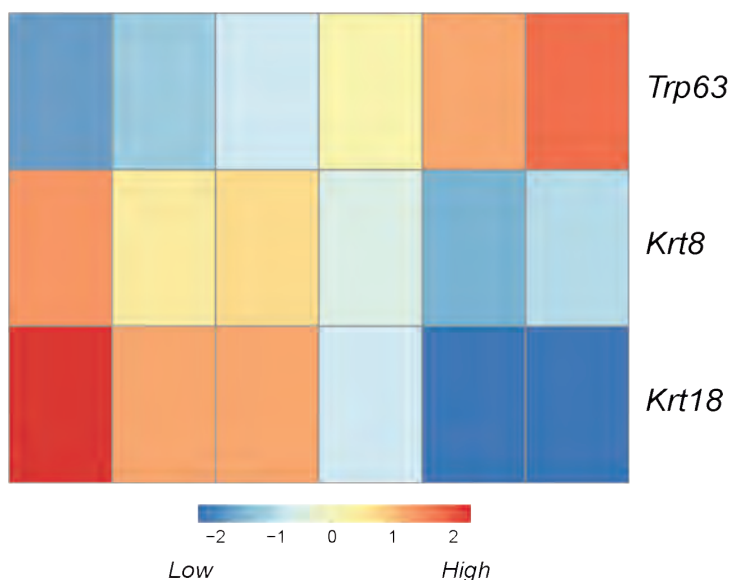
Pathways enriched in H3K4me3 MMTV-Neu controls



C

MMTV-Neu

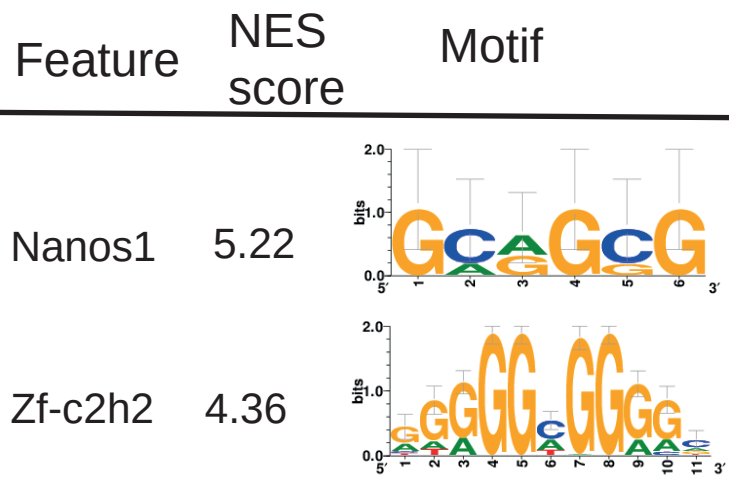
KMT2C KO



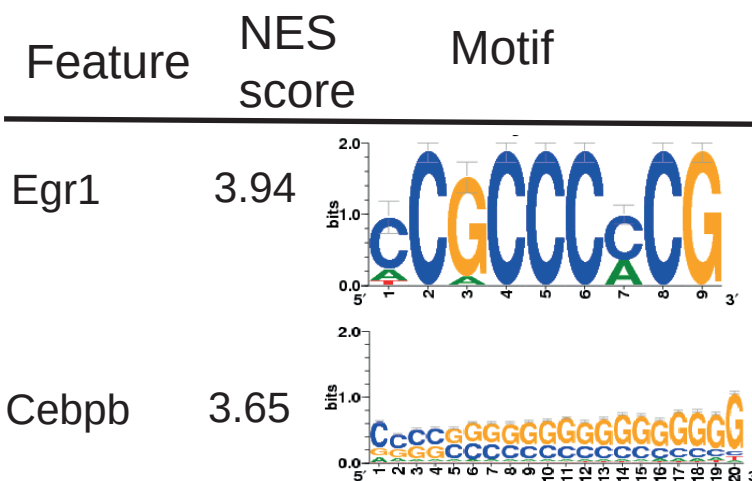
Enriched motifs on the unique identified peaks

A

Gained in H3K4me3 *KMT2C* KO

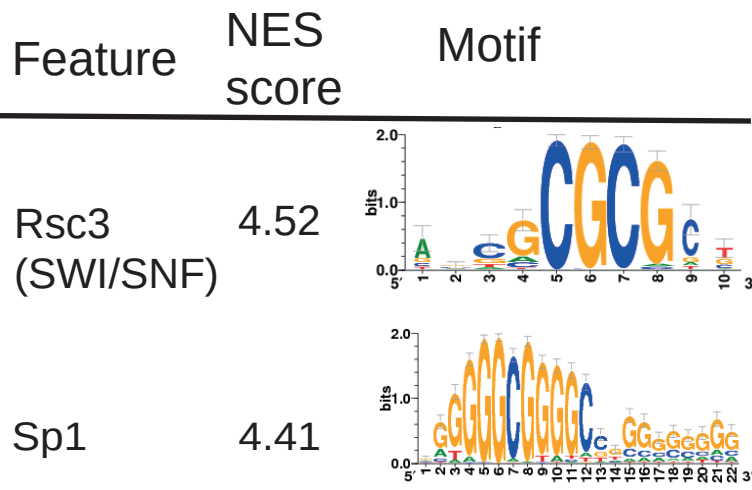


Lost in H3K4me3 *KMT2C* KO



B

Gained in H3K4me1 *KMT2C* KO



Lost in H3K4me1 *KMT2C* KO

