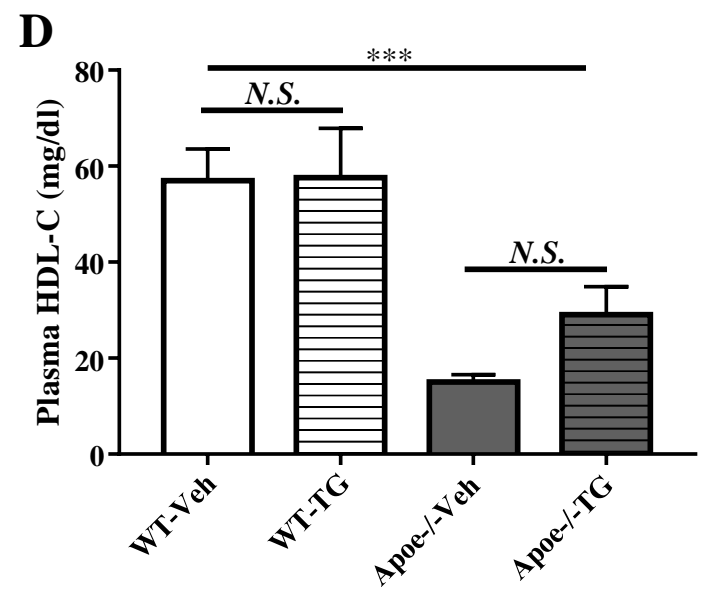
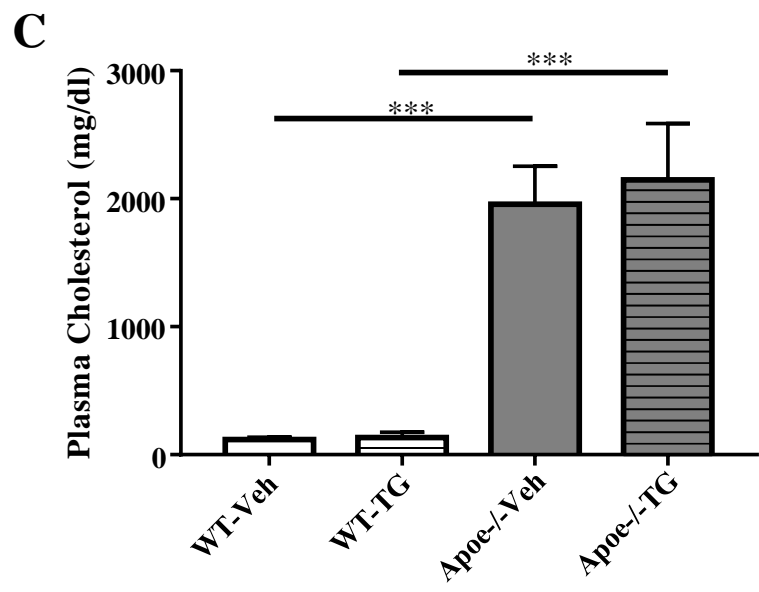
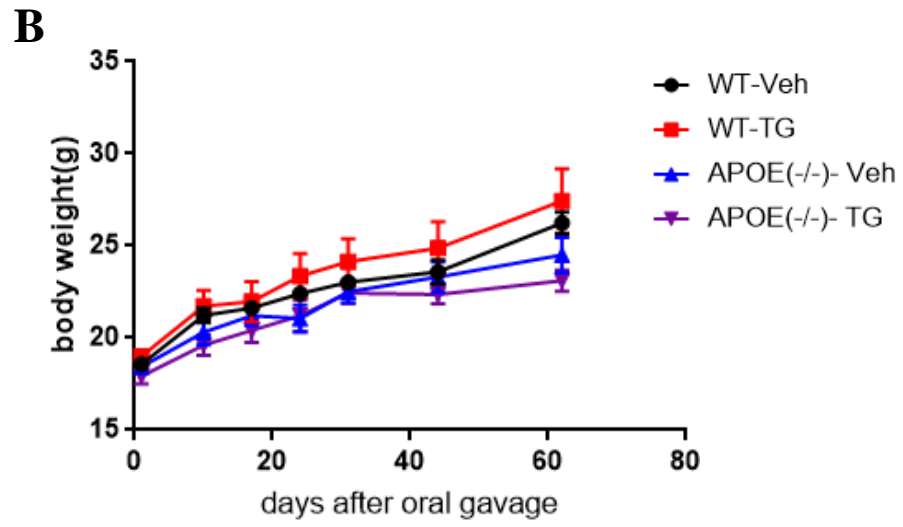
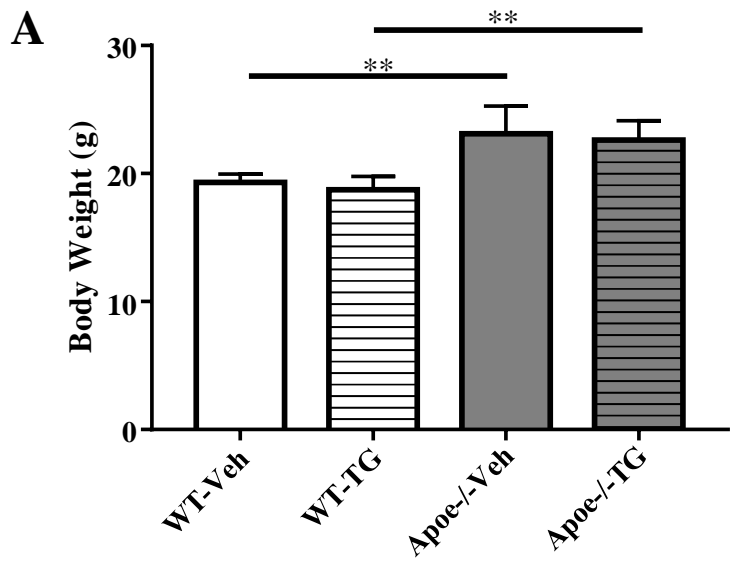
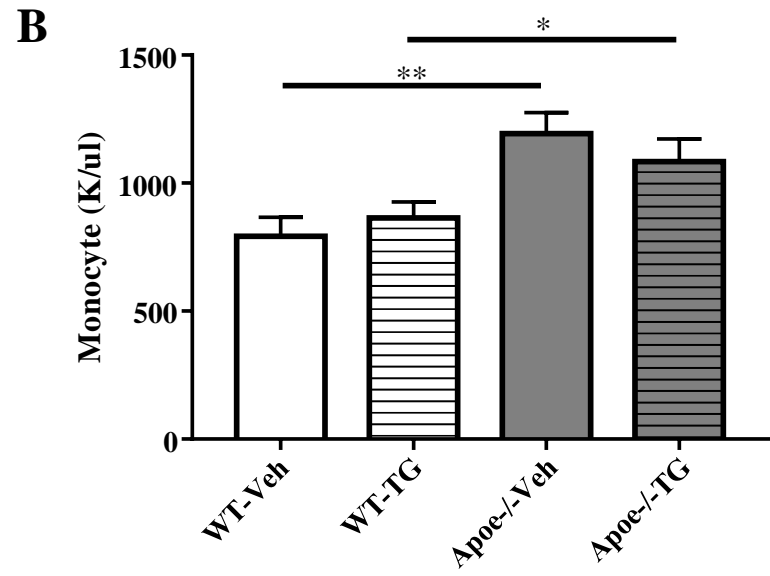
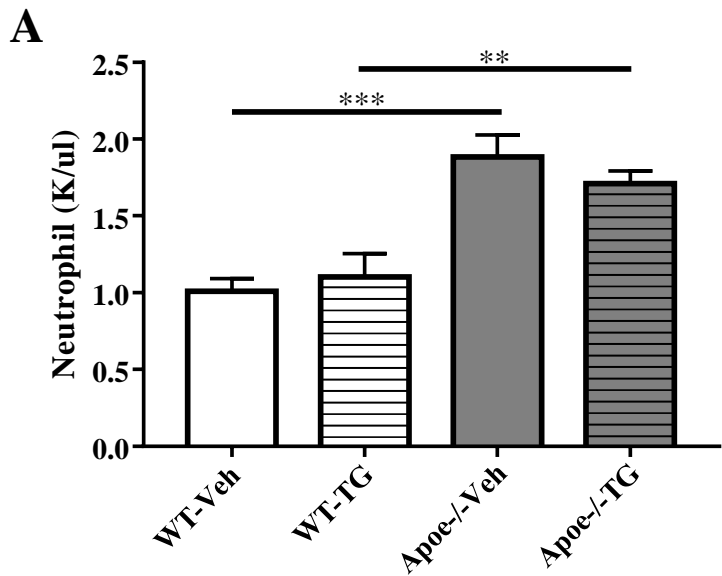


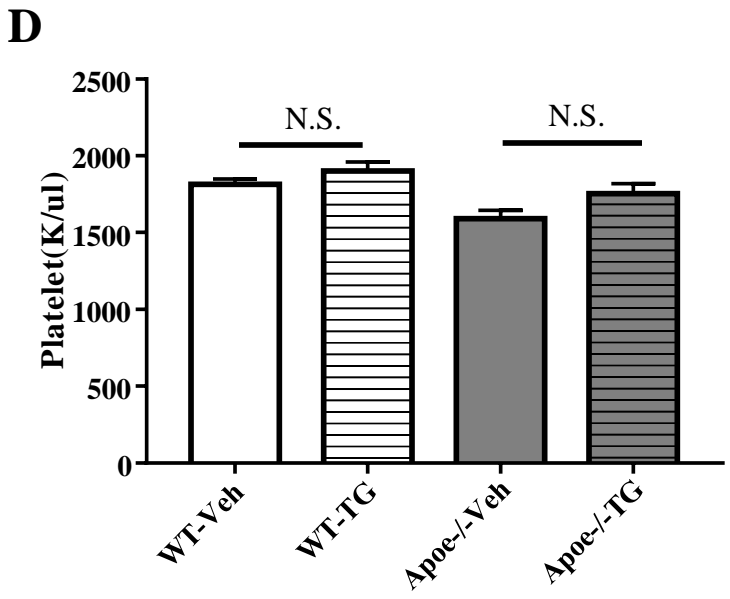
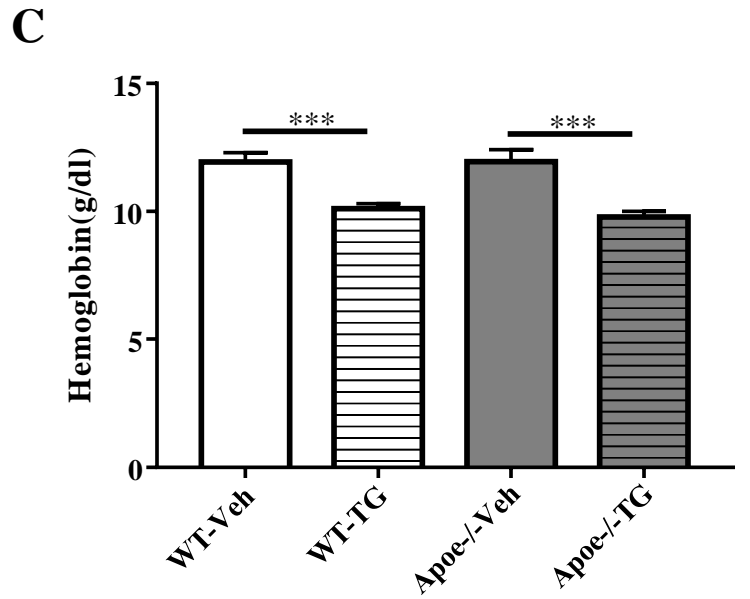
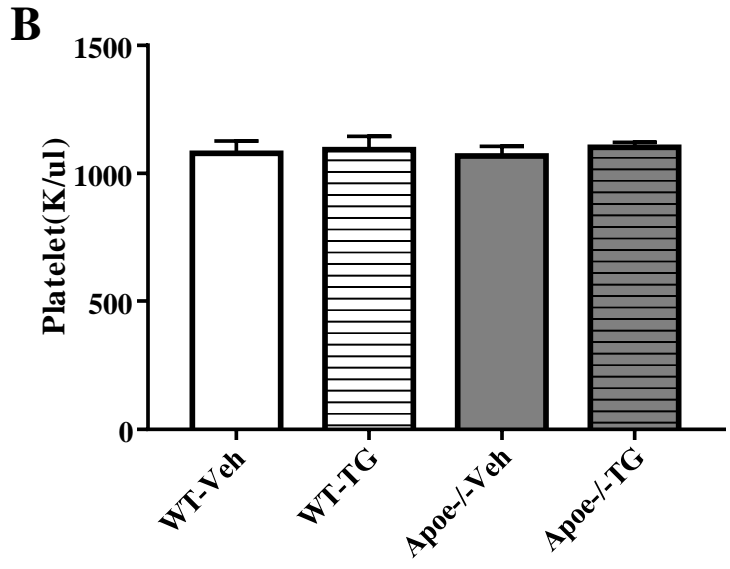
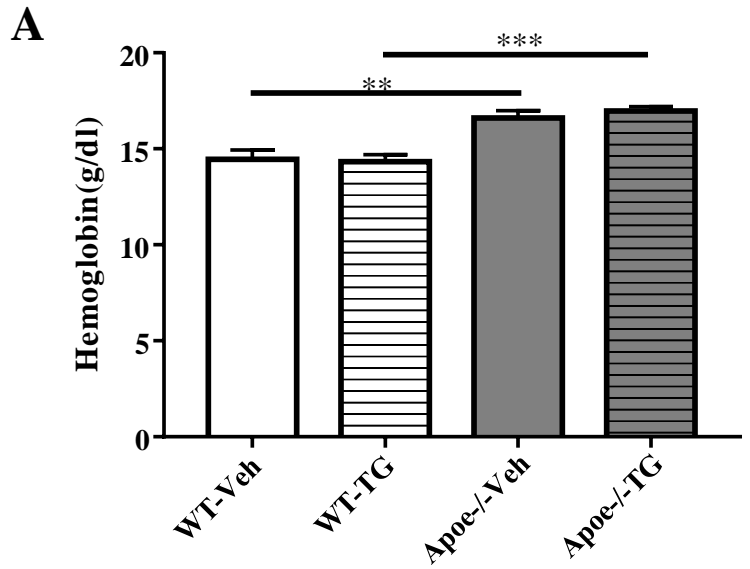
# Supplemental Figure 1



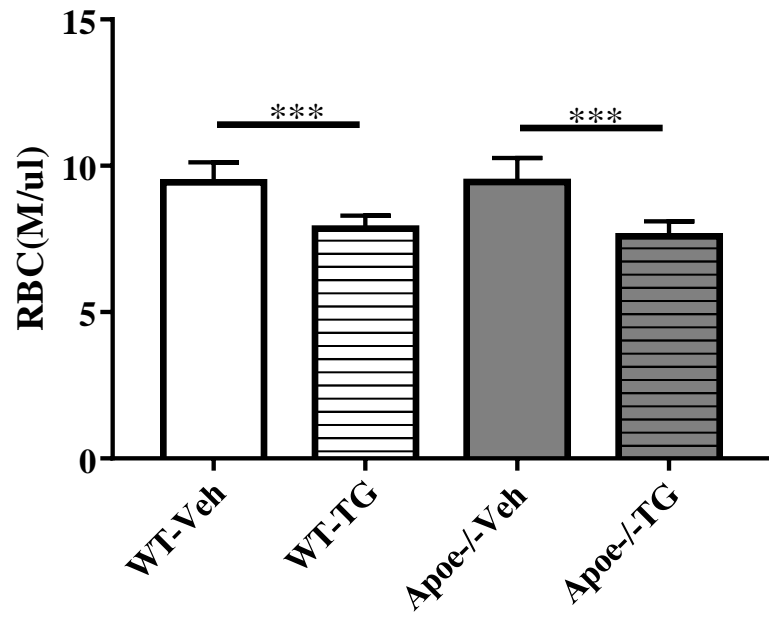
# Supplemental Figure 2



# Supplemental Figure 3

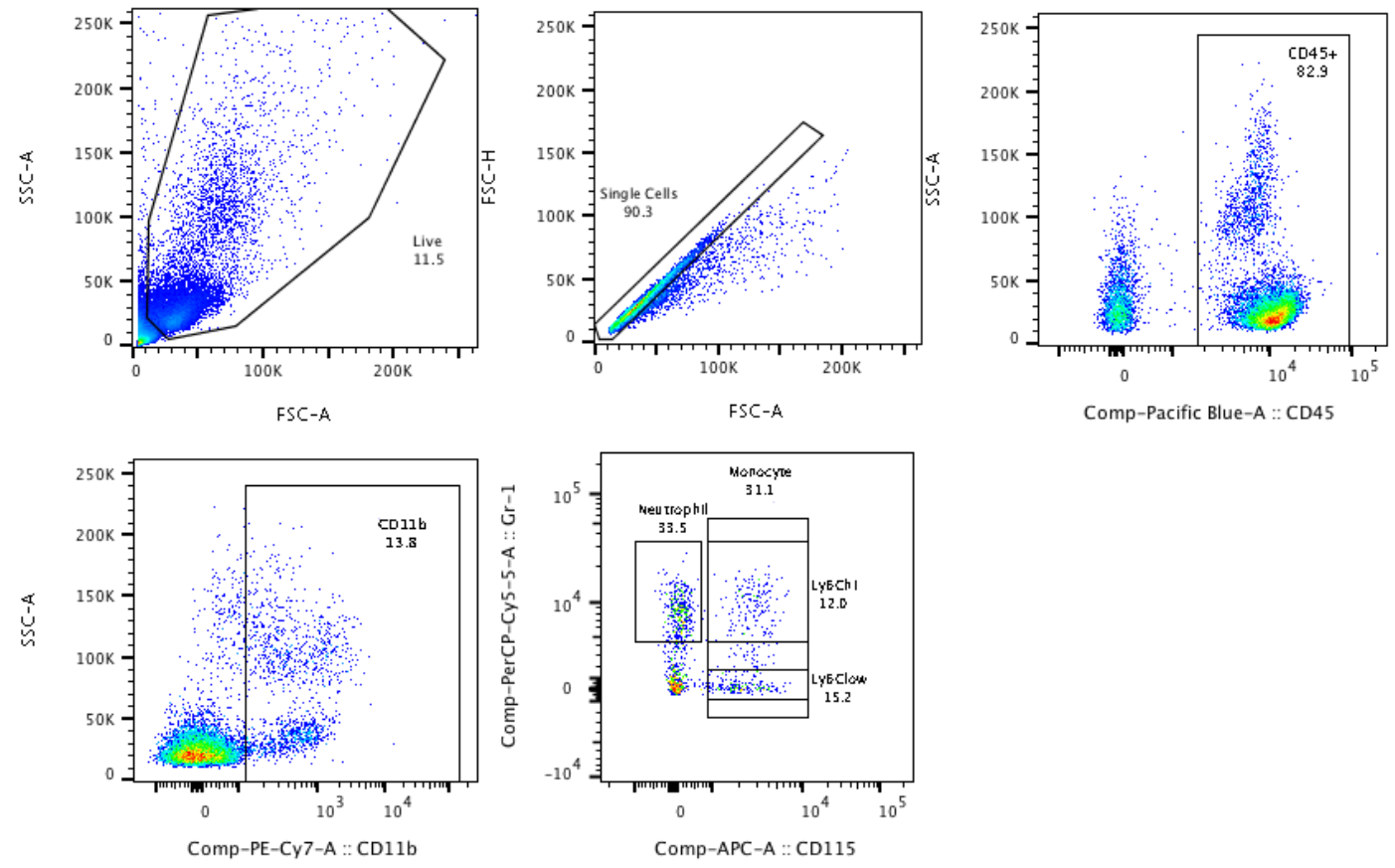


**Supplemental Figure 4**



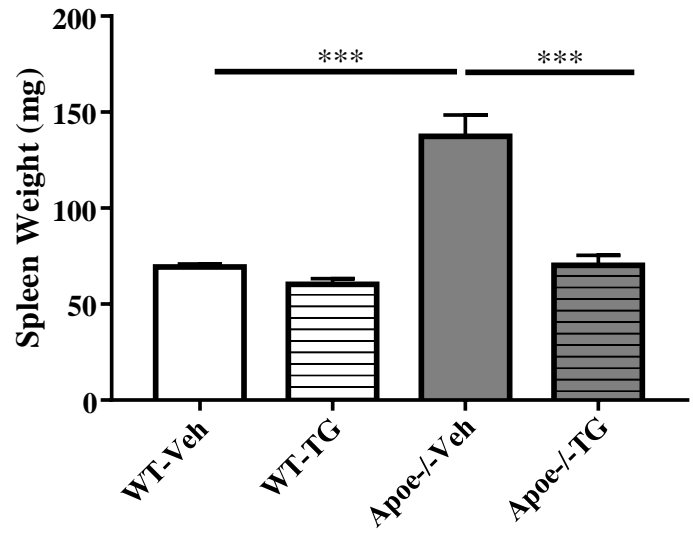
# Supplemental Figure 5

## Blood cells gating strategy

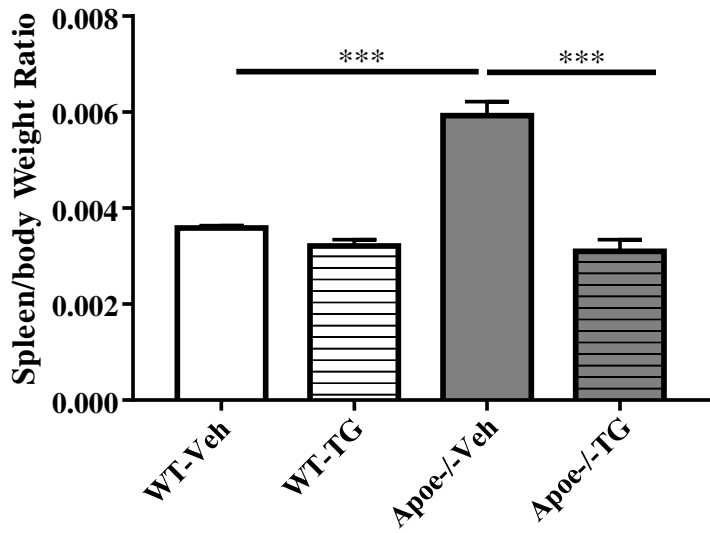


# Supplemental Figure 6

**A**



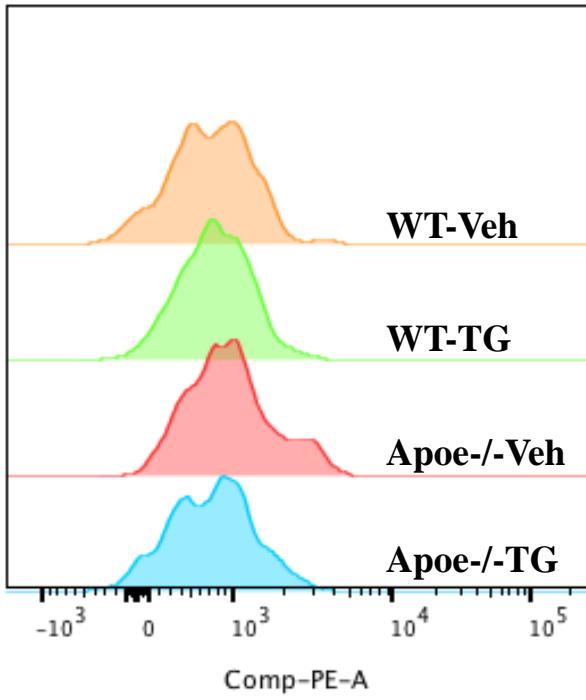
**B**



# Supplemental Figure 7

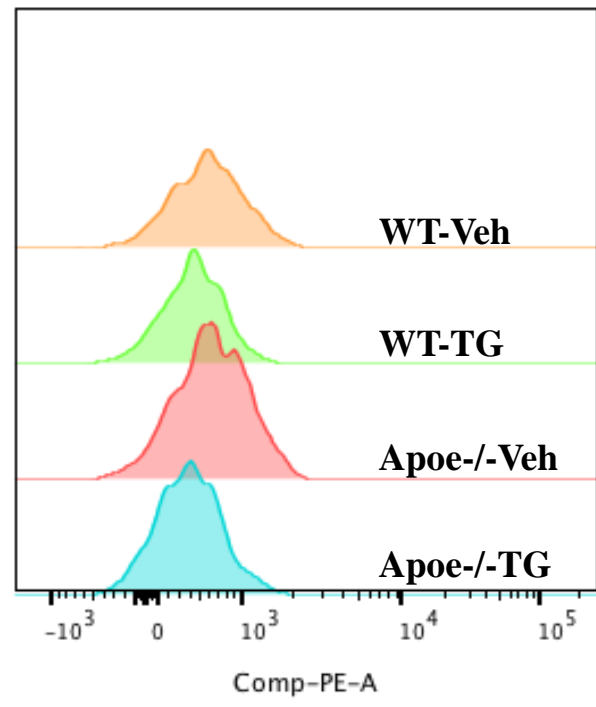
**A**

**HSPC\_p-STAT5**



**B**

**HSPC\_p-ERK1/2**



# Supplemental Figure 8

## Hematopoietic progenitors gating strategy

