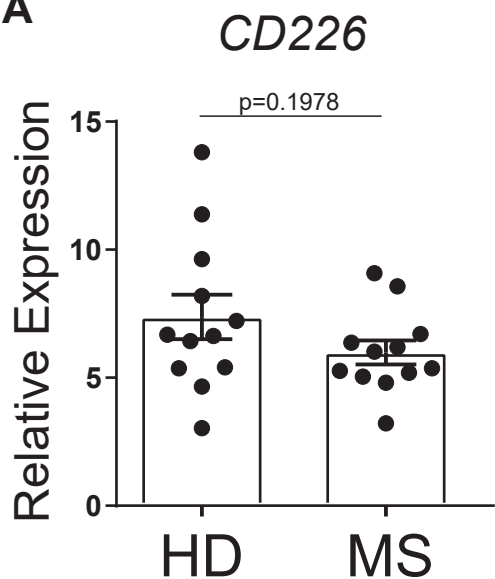
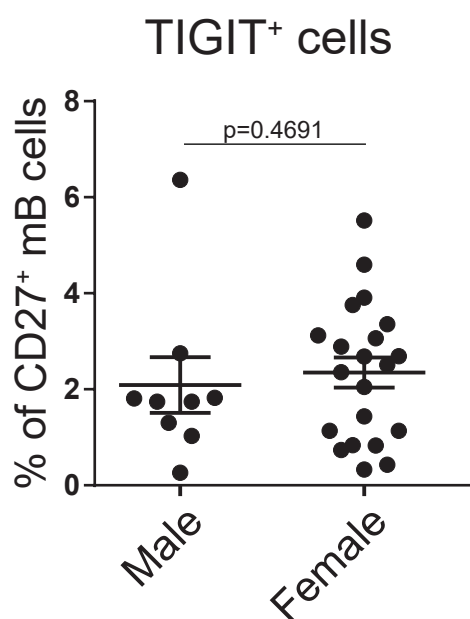


Supplemental Figure 1

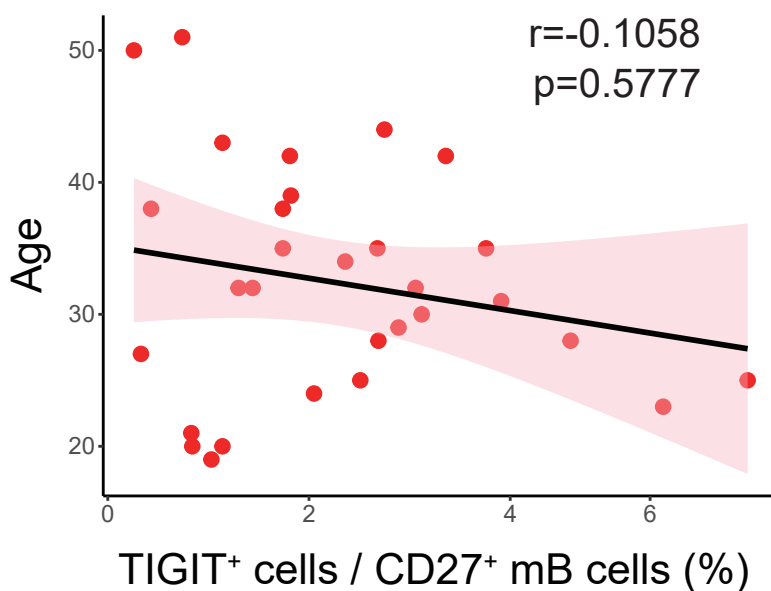
**A**



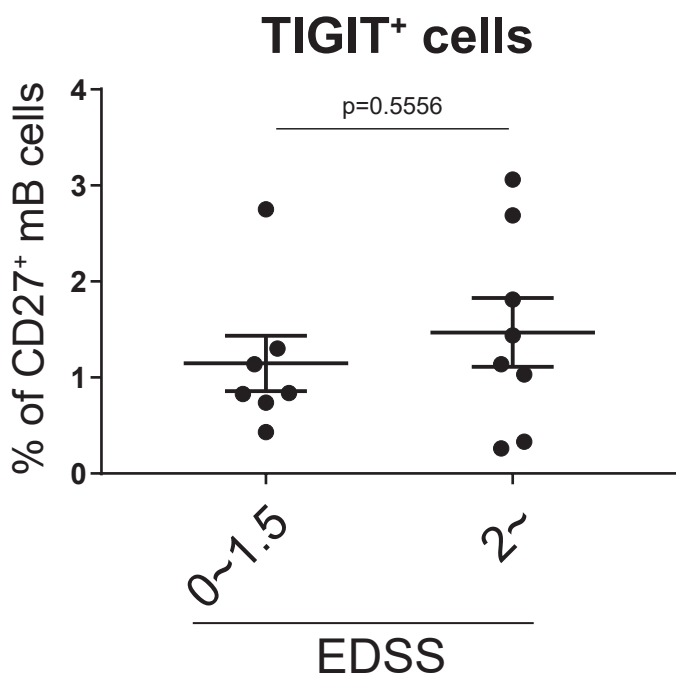
**B**



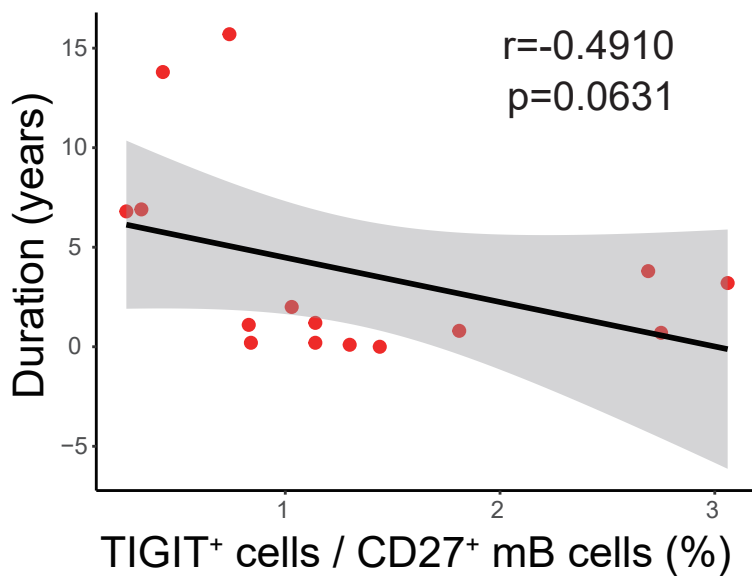
**C**



**D**

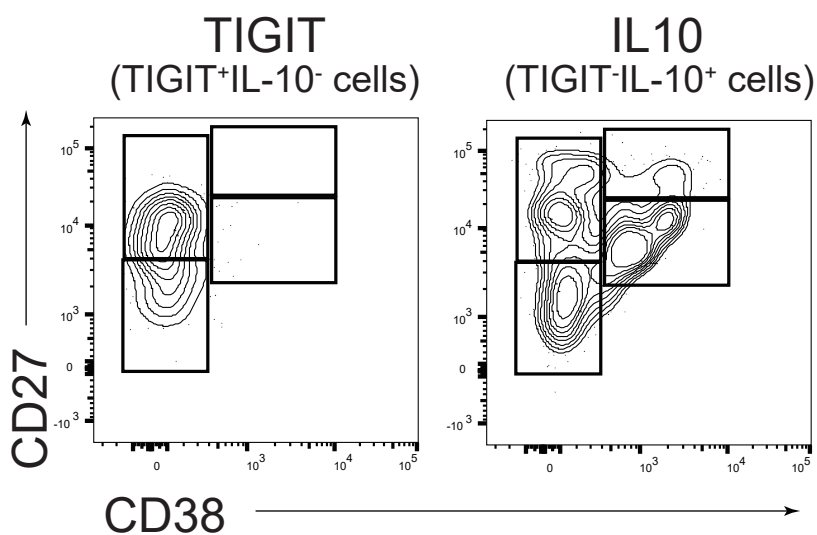


**E**

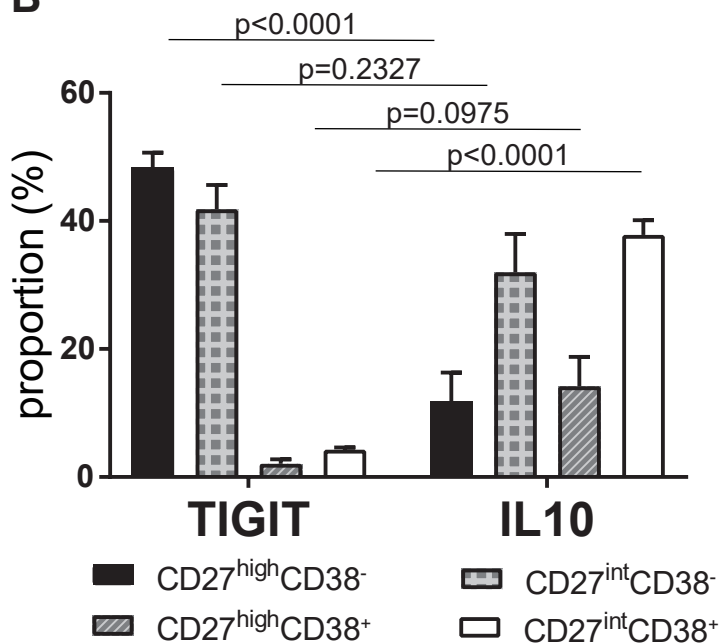


# Supplemental Figure 2

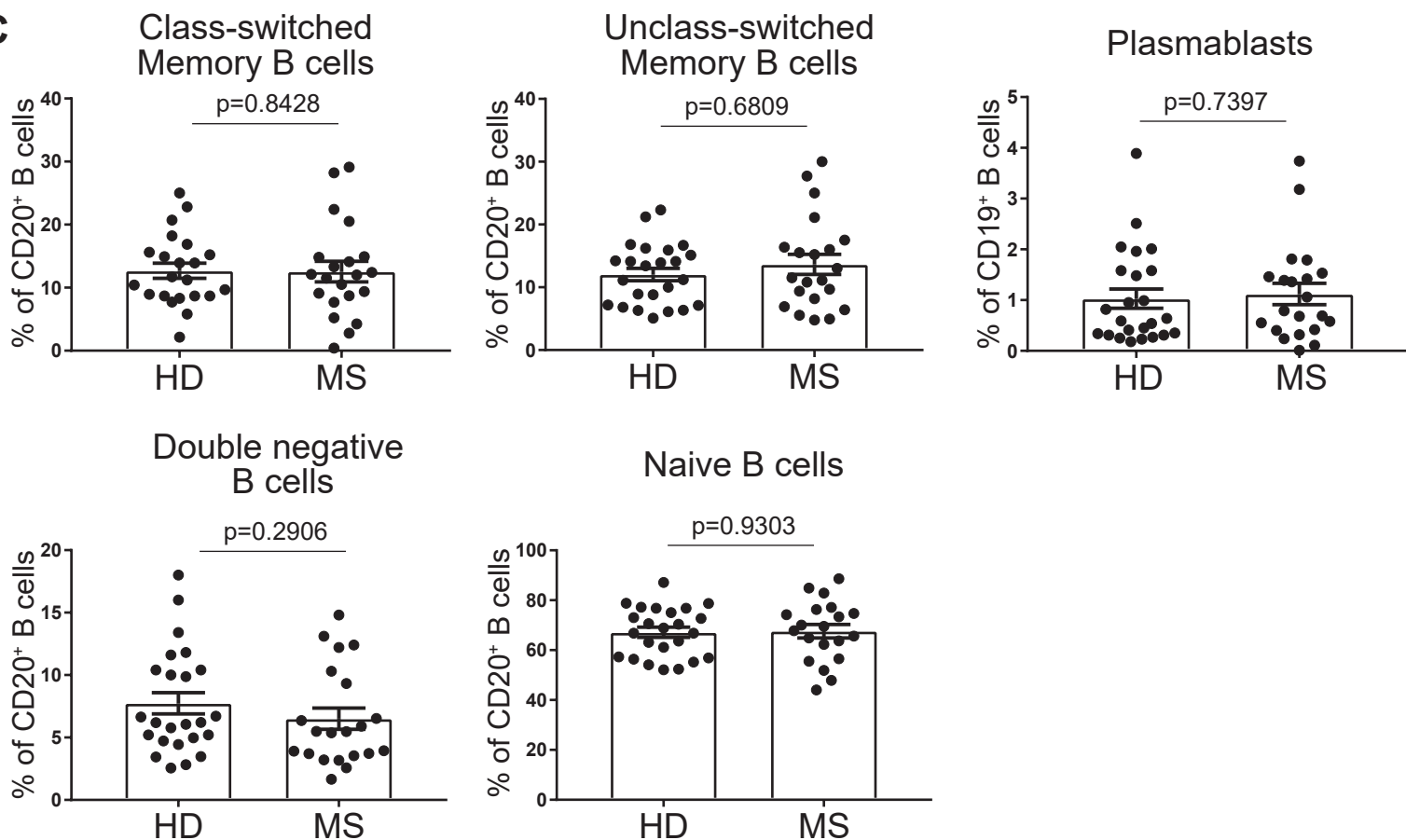
**A**



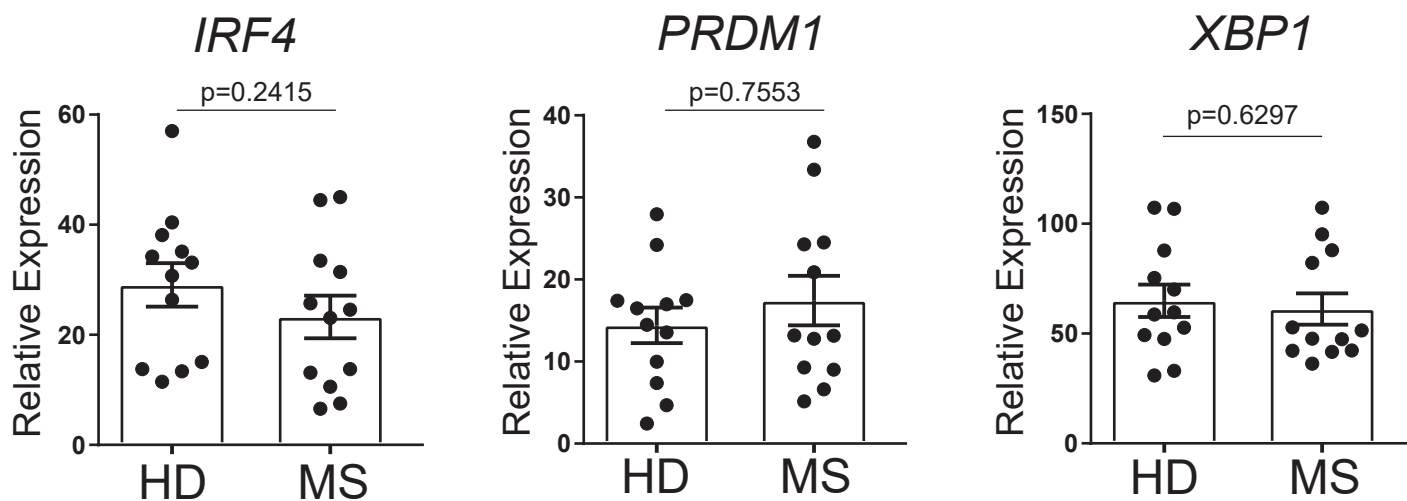
**B**



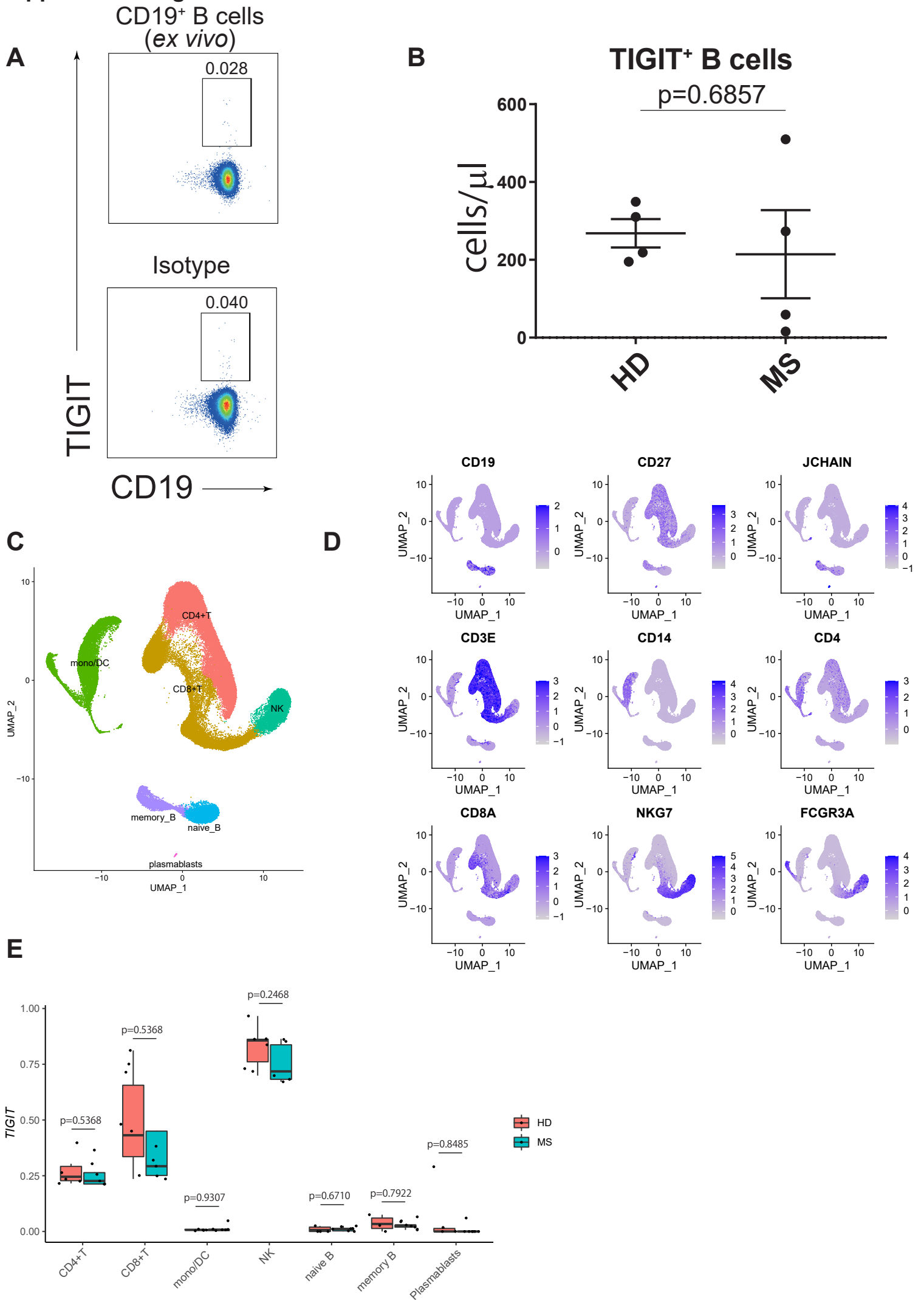
**C**



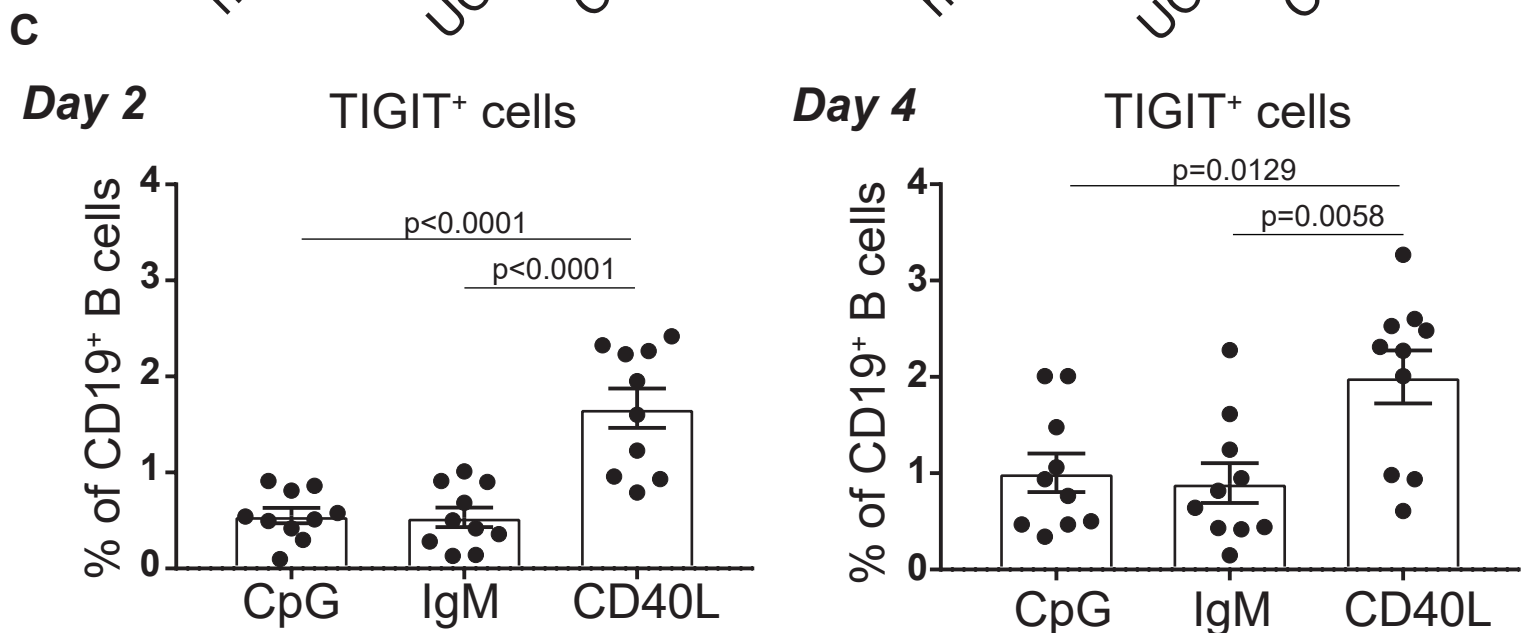
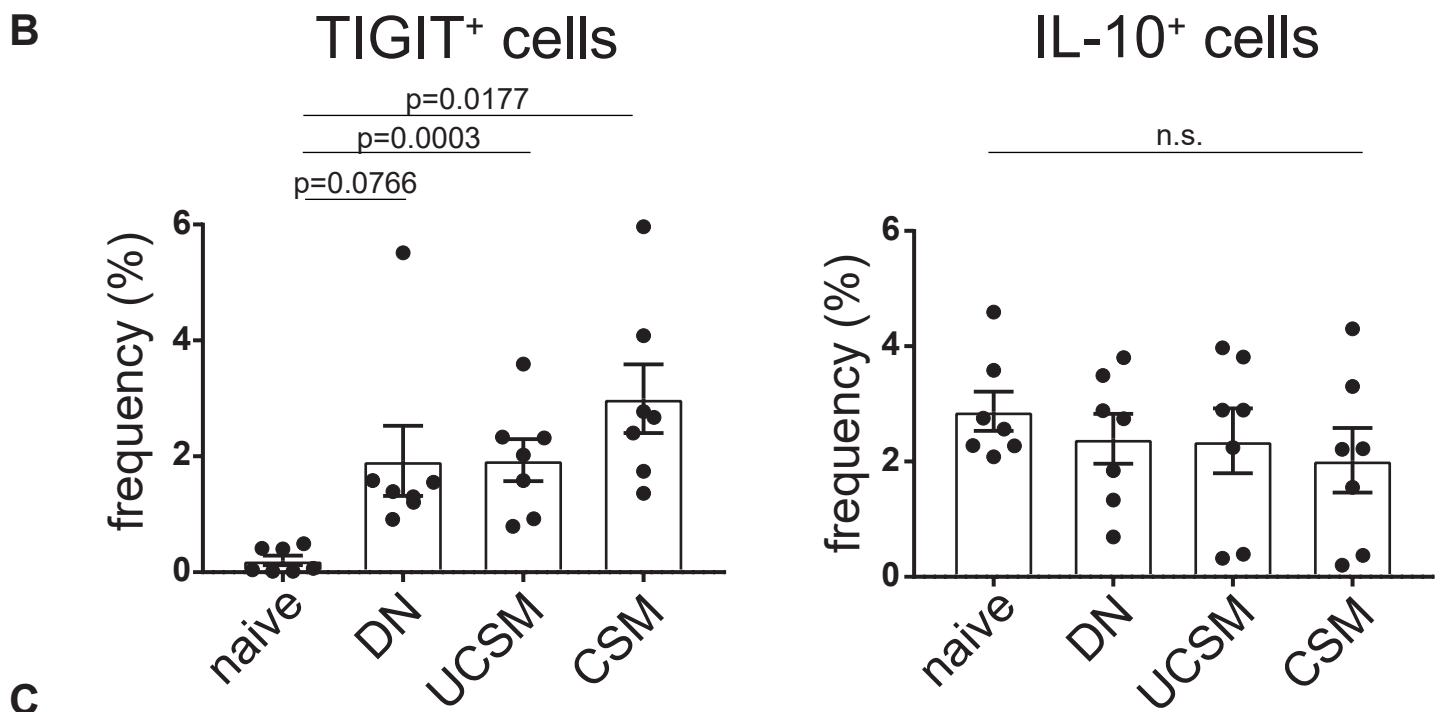
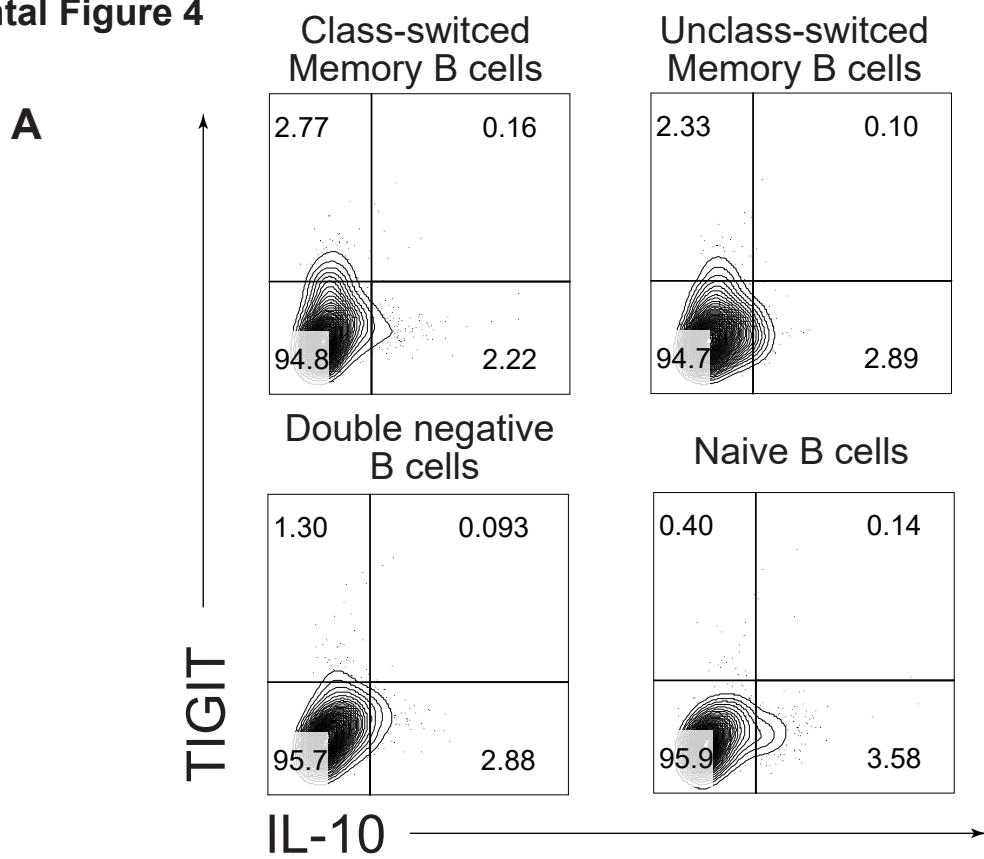
**D**



### Supplemental Figure 3

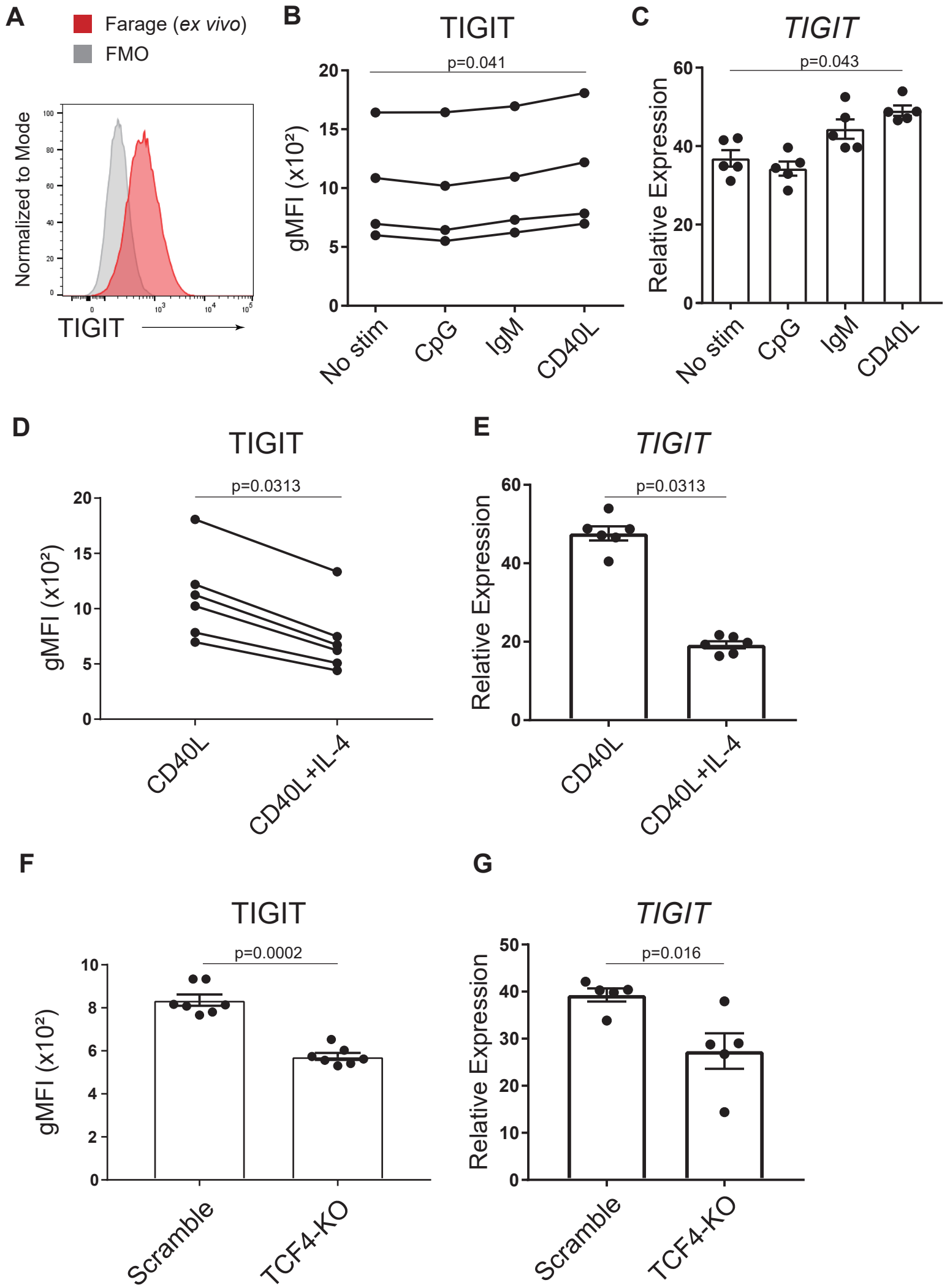


**Supplemental Figure 4**



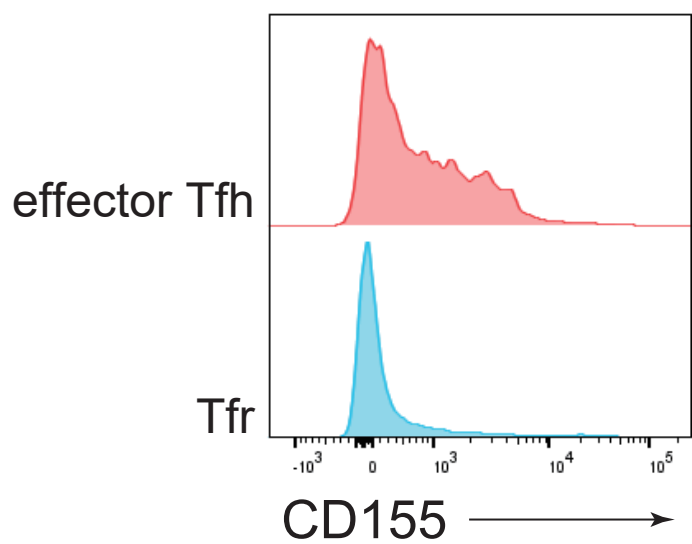


# Supplemental Figure 5

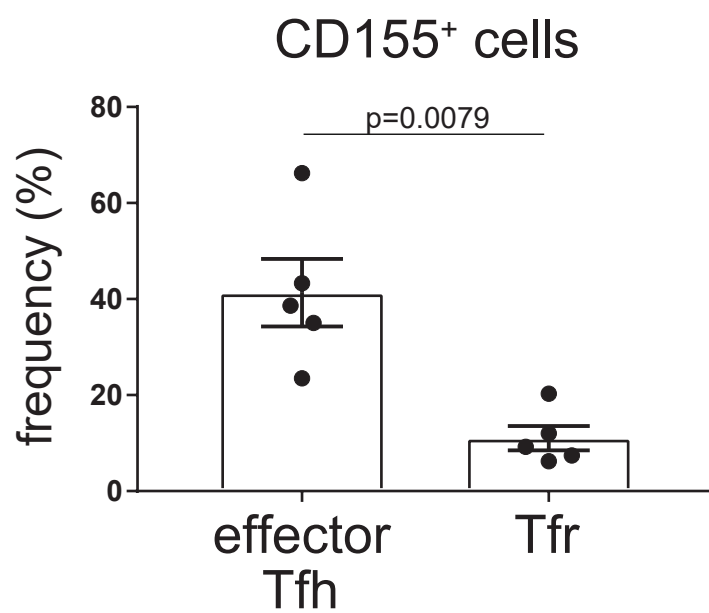


# Supplemental Figure 6

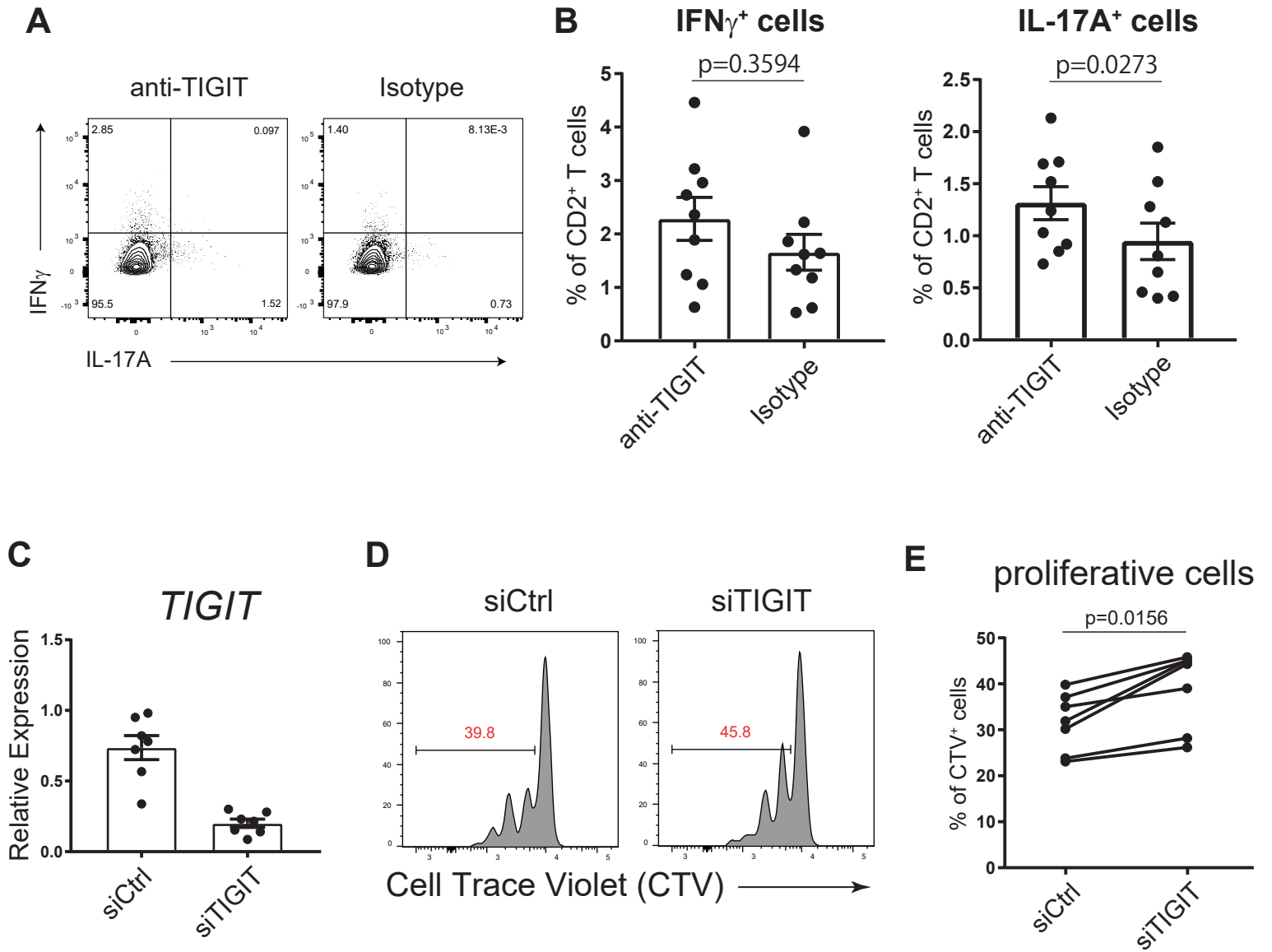
**A**



**B**



# Supplemental Figure 7

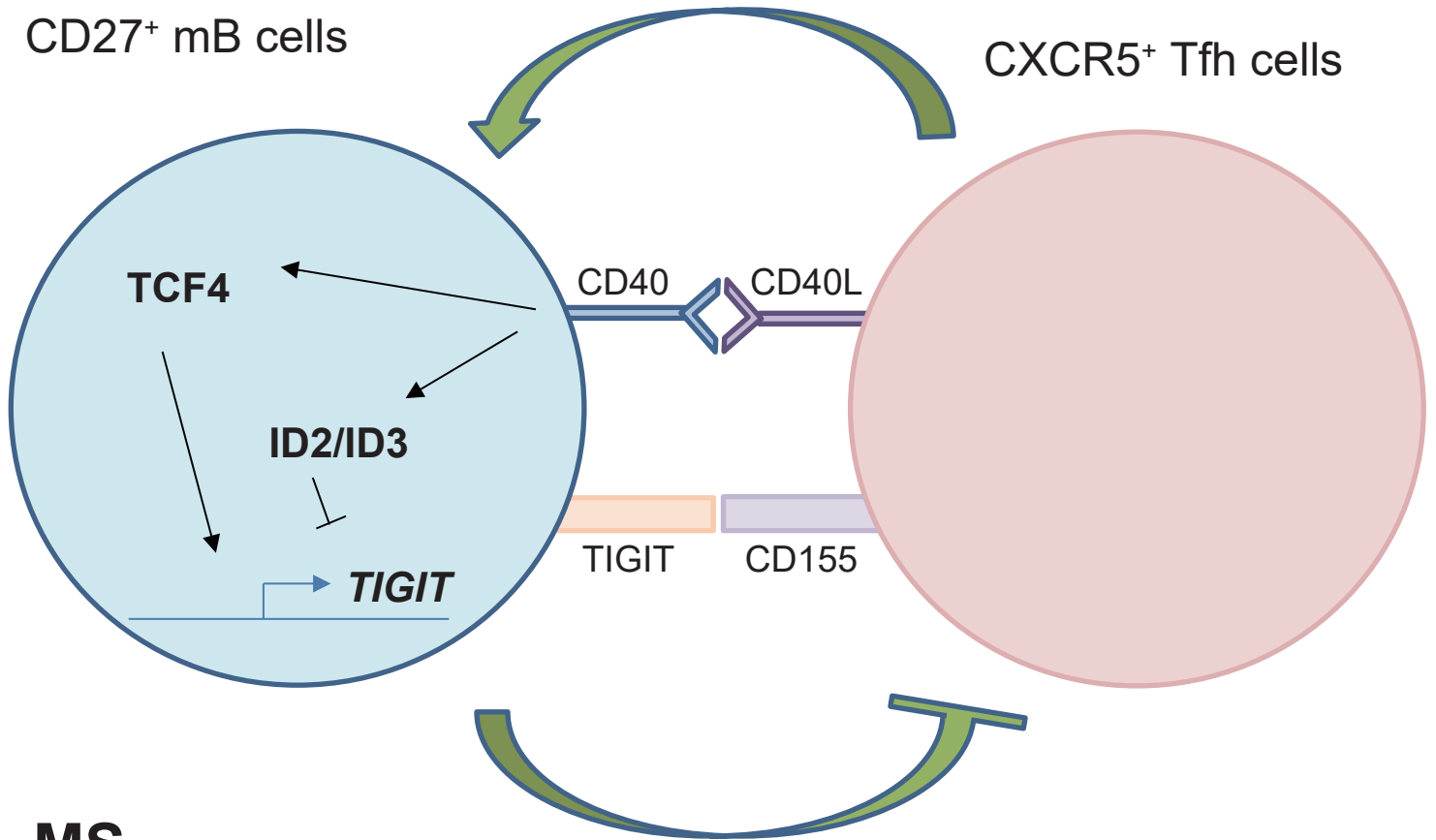


Supplemental Figure 8

## HD

CD27<sup>+</sup> mB cells

CXCR5<sup>+</sup> Tfh cells



## MS

CD27<sup>+</sup> mB cells

CXCR5<sup>+</sup> Tfh cells

