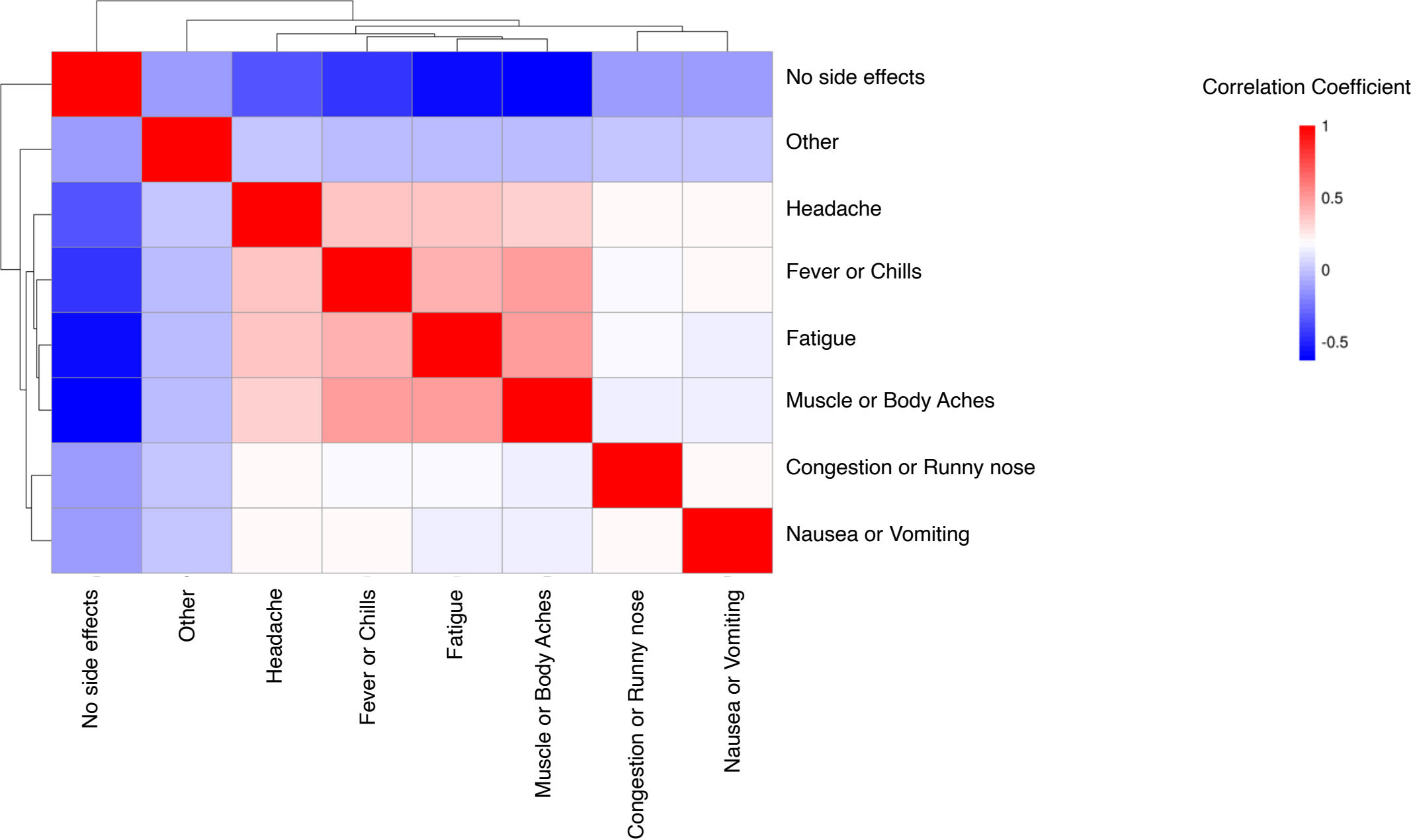
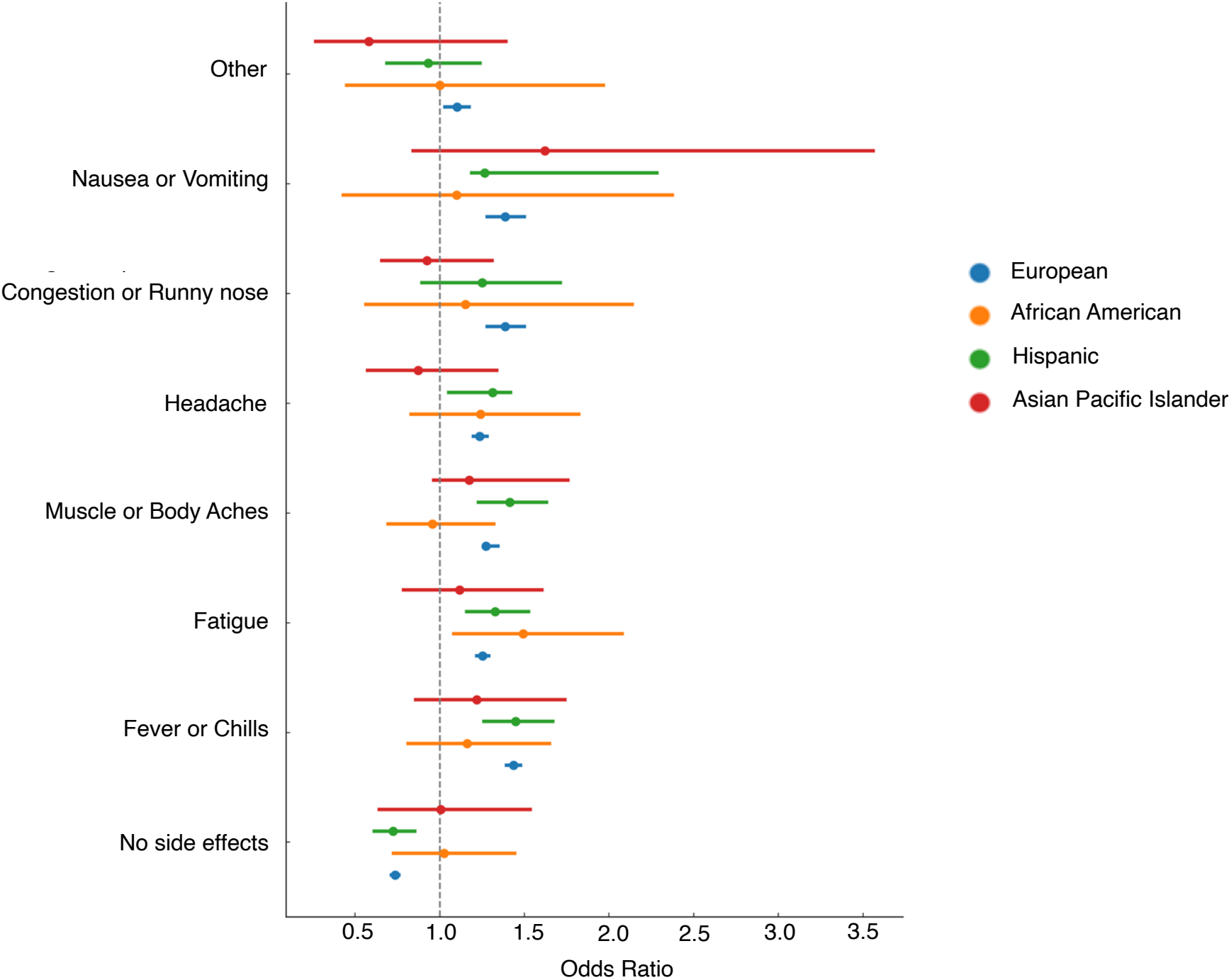


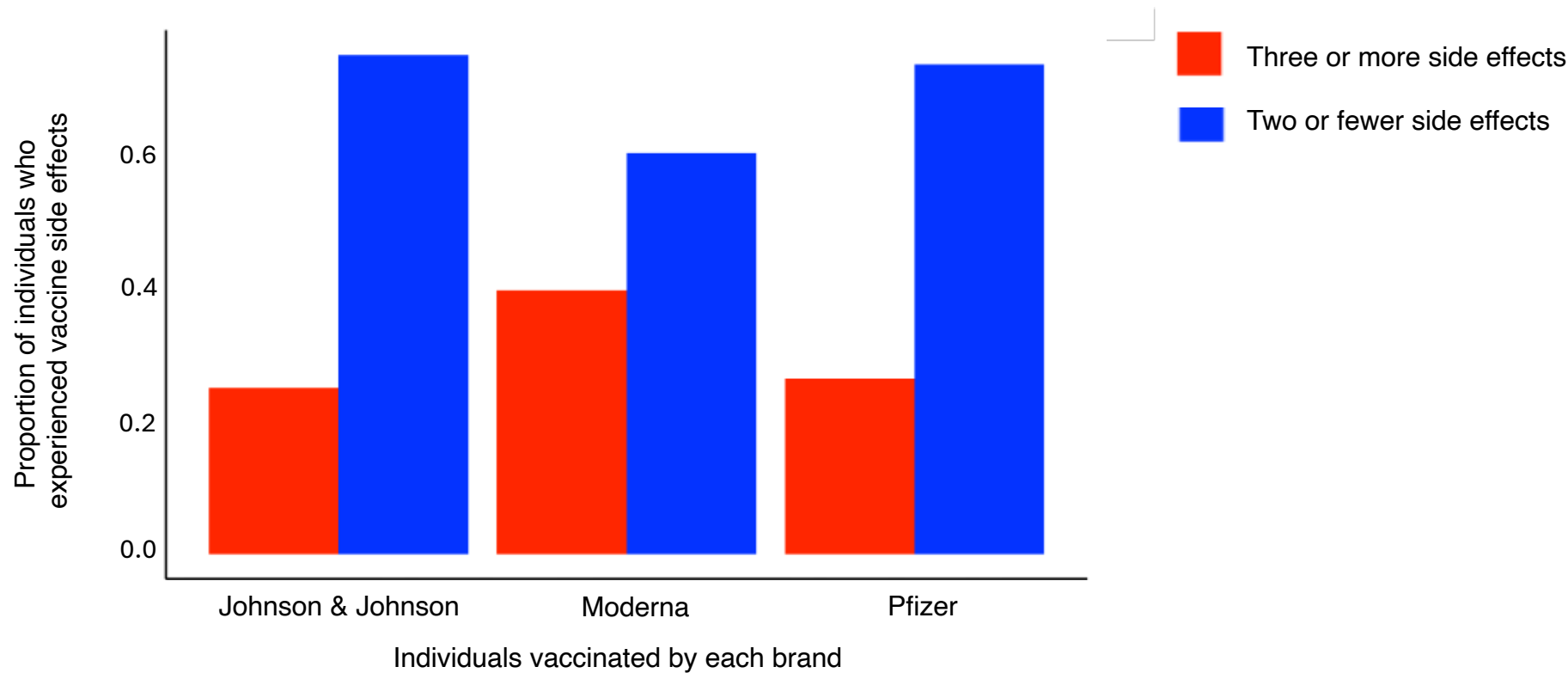
Supplementary Figure 1



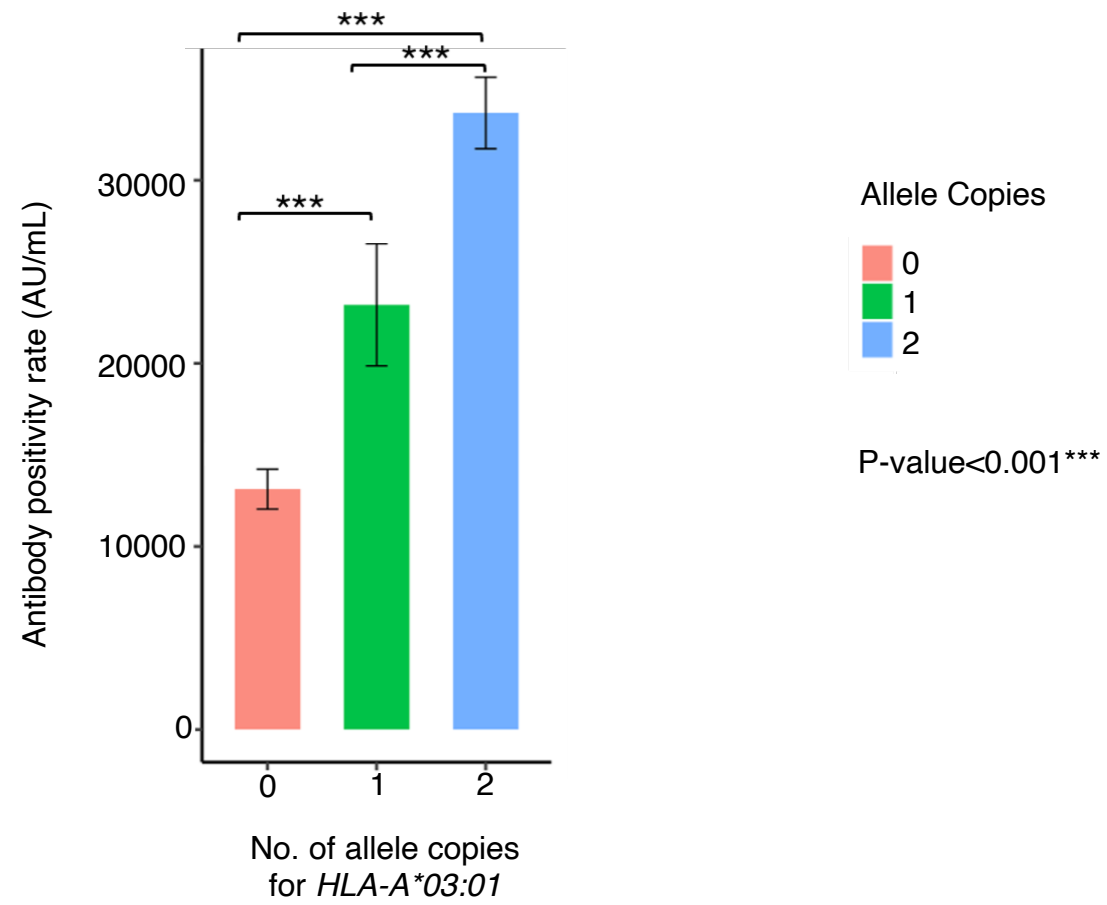
Supplementary Figure 2



Supplementary Figure 3

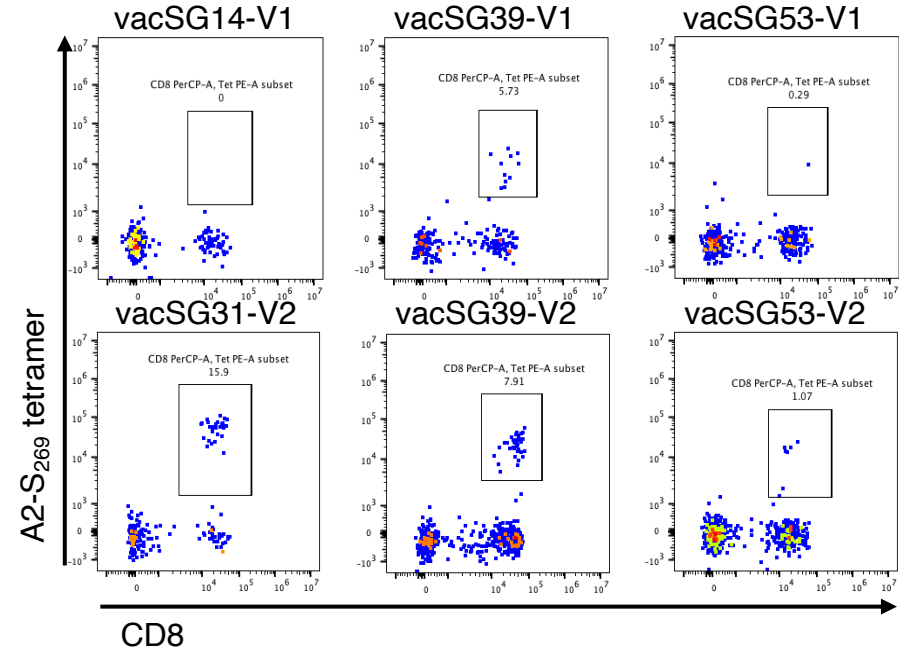


Supplementary Figure 4

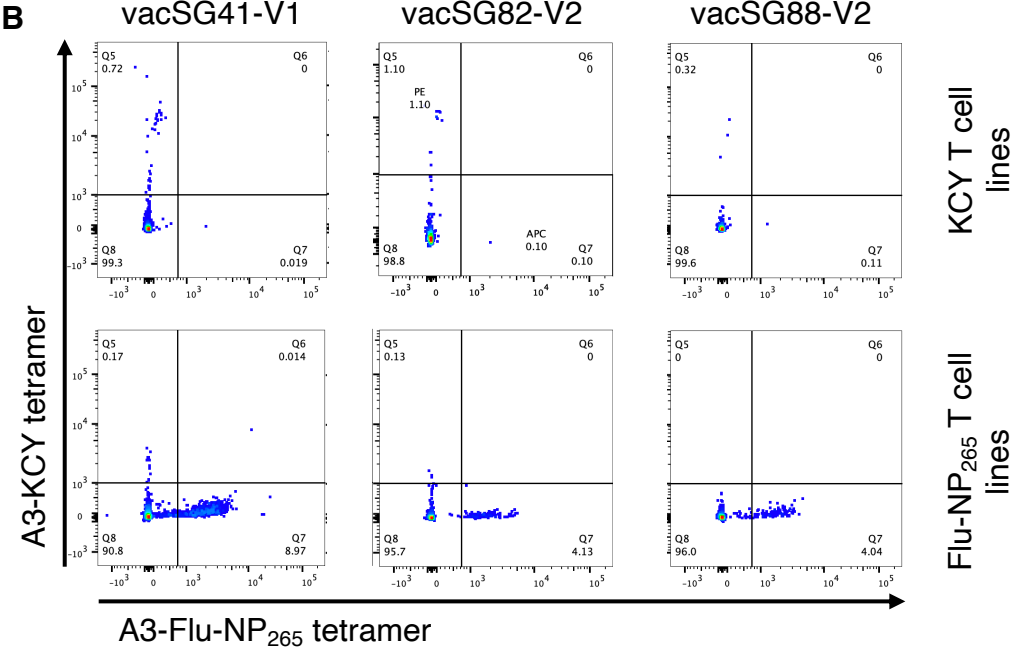


Supplementary Figure 5

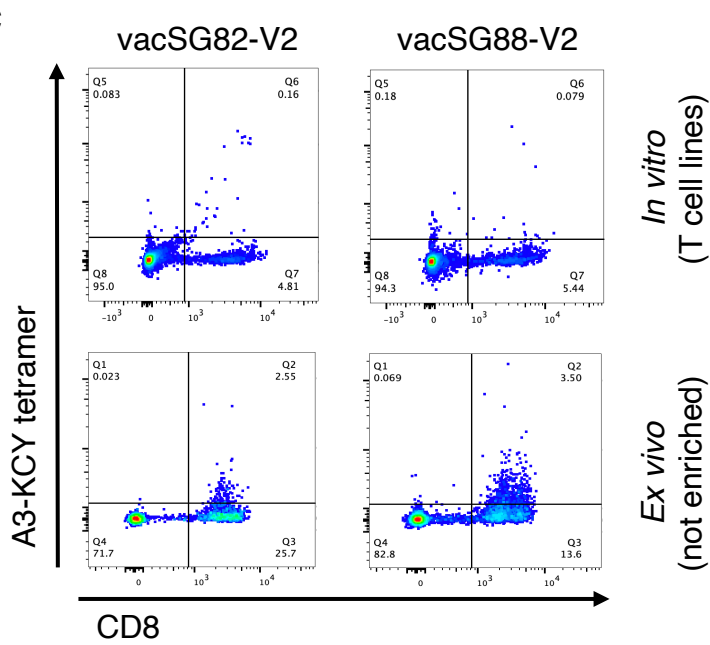
A



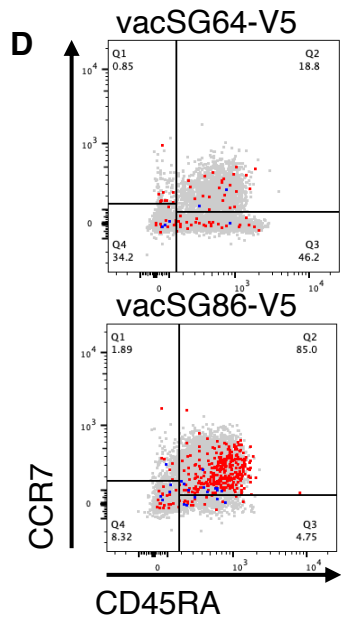
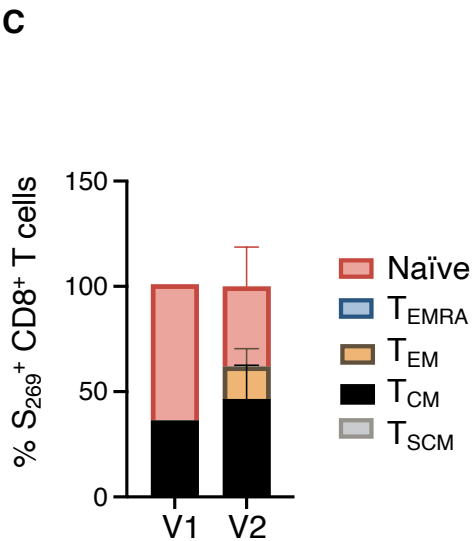
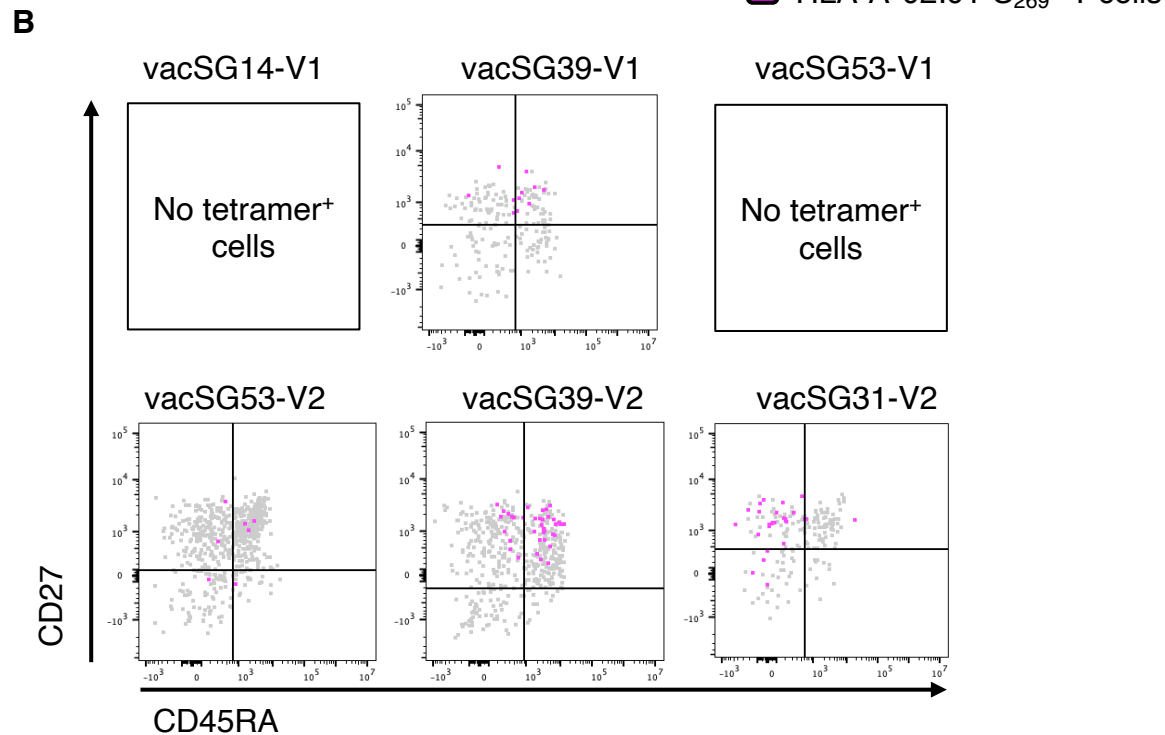
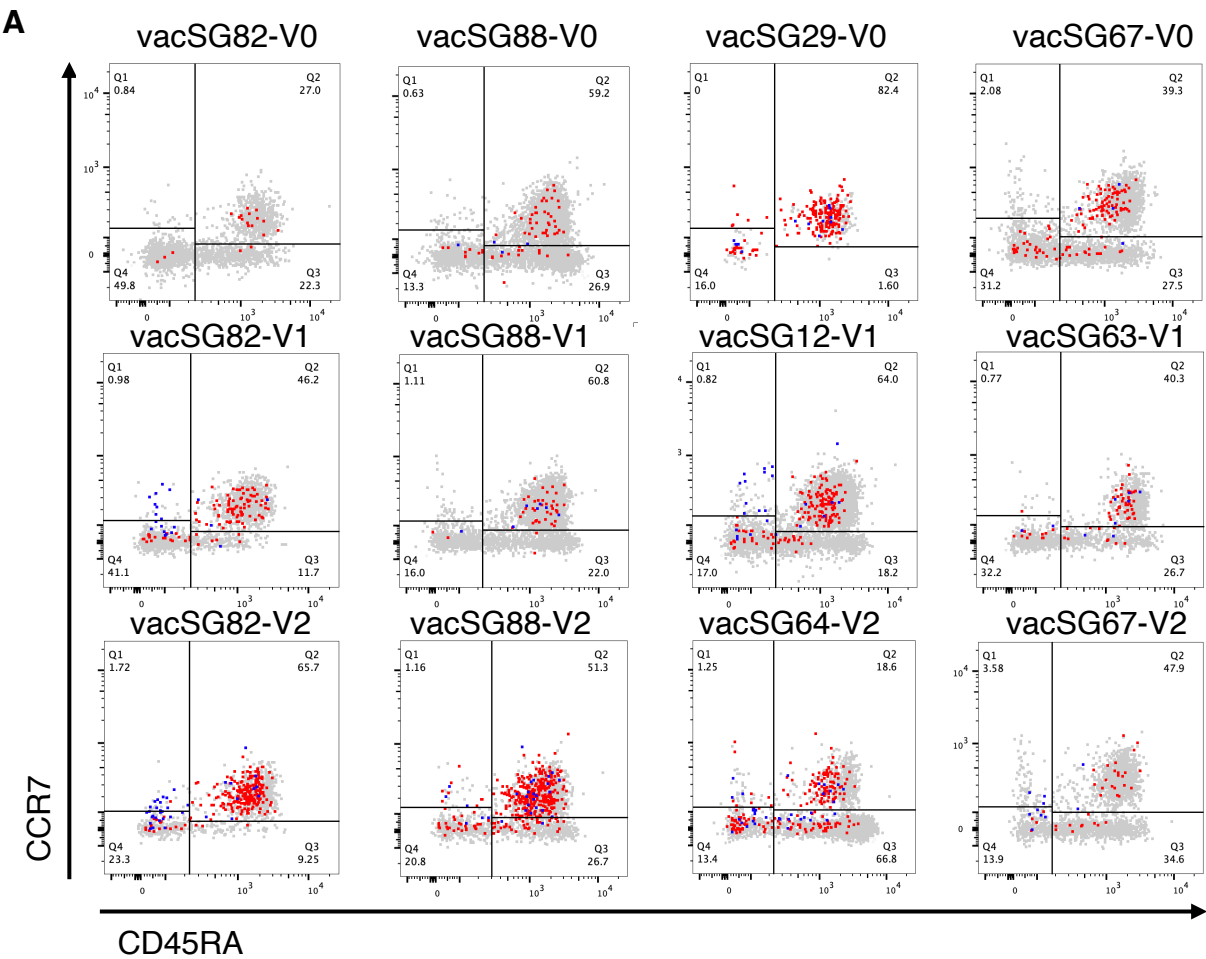
B



C

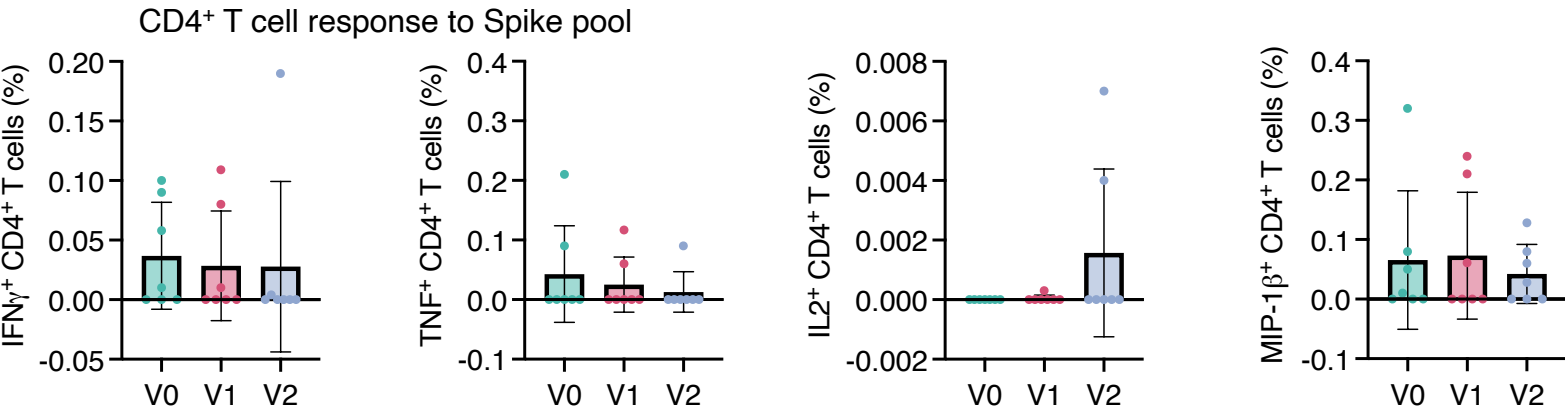


Supplementary Figure 6

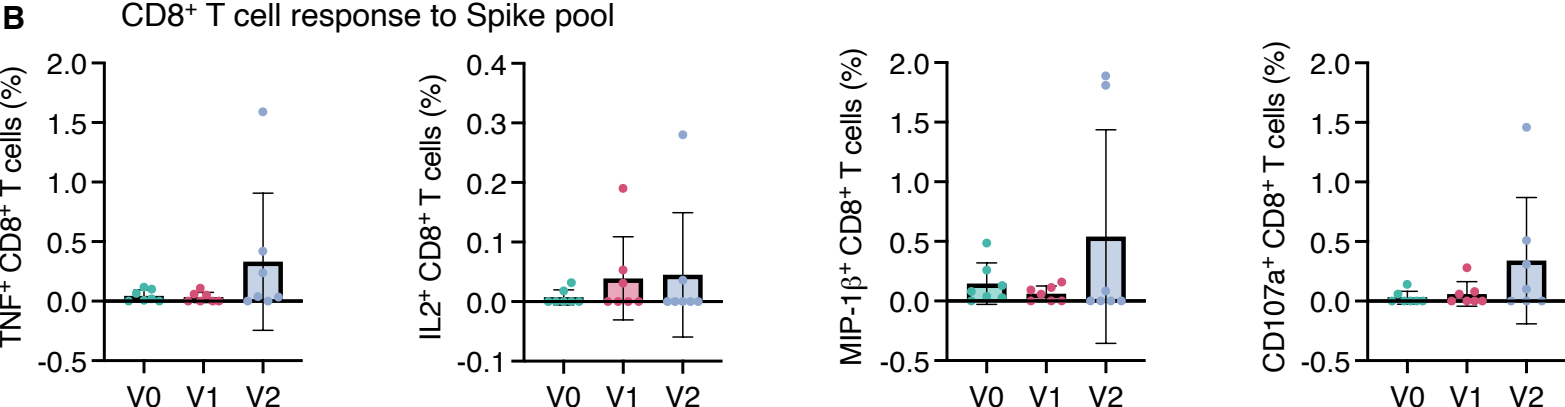


Supplementary Figure 10

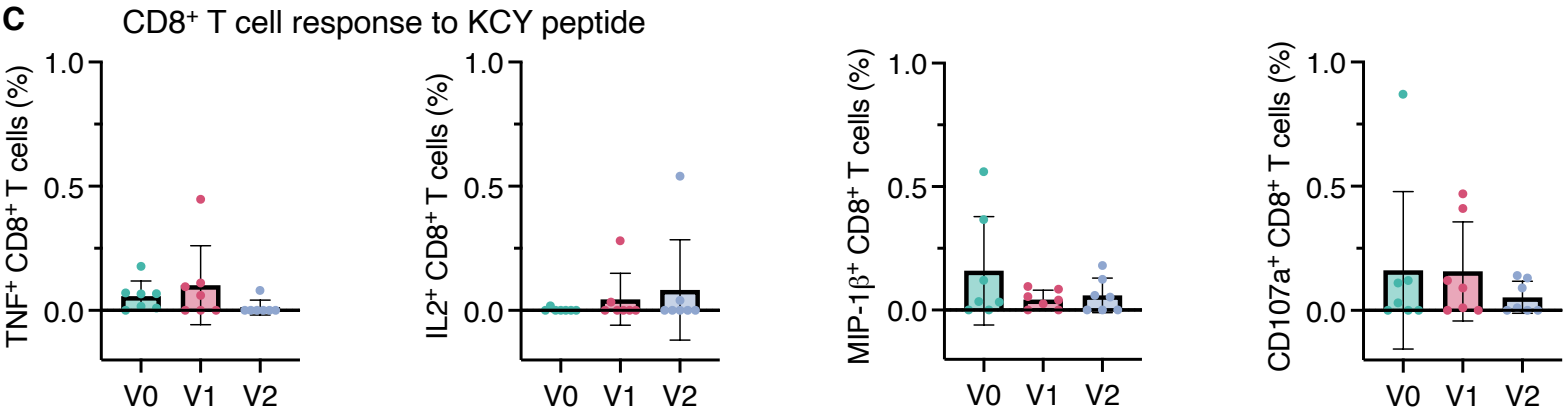
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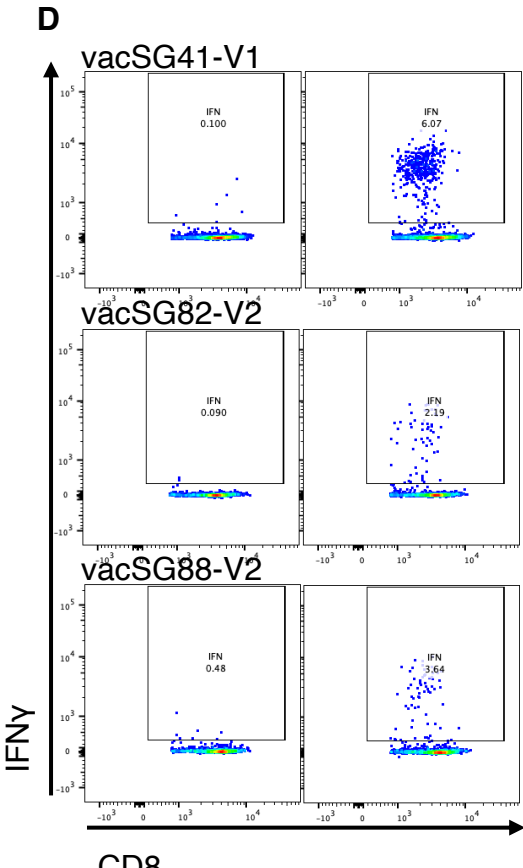
B



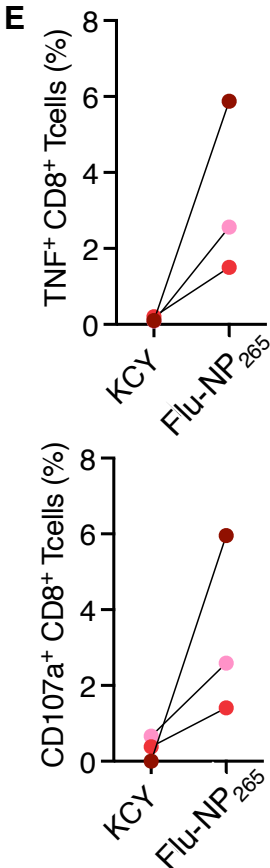
C



D

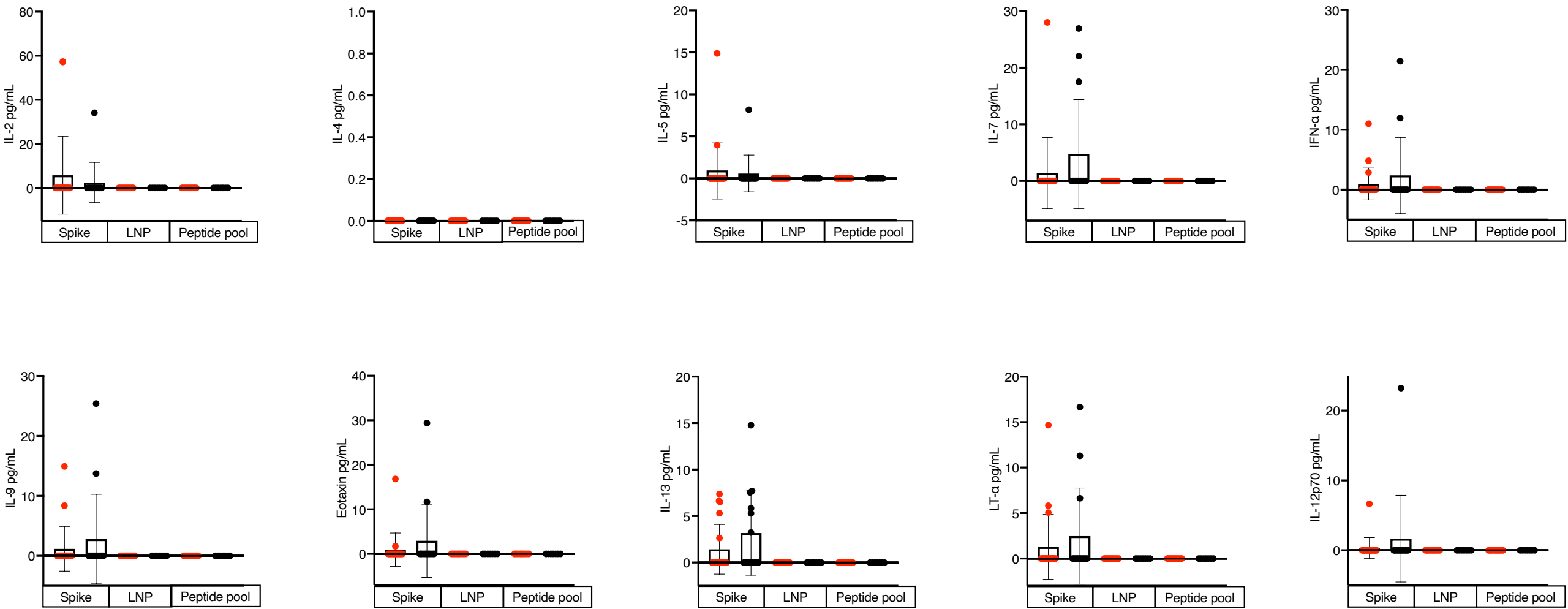


E

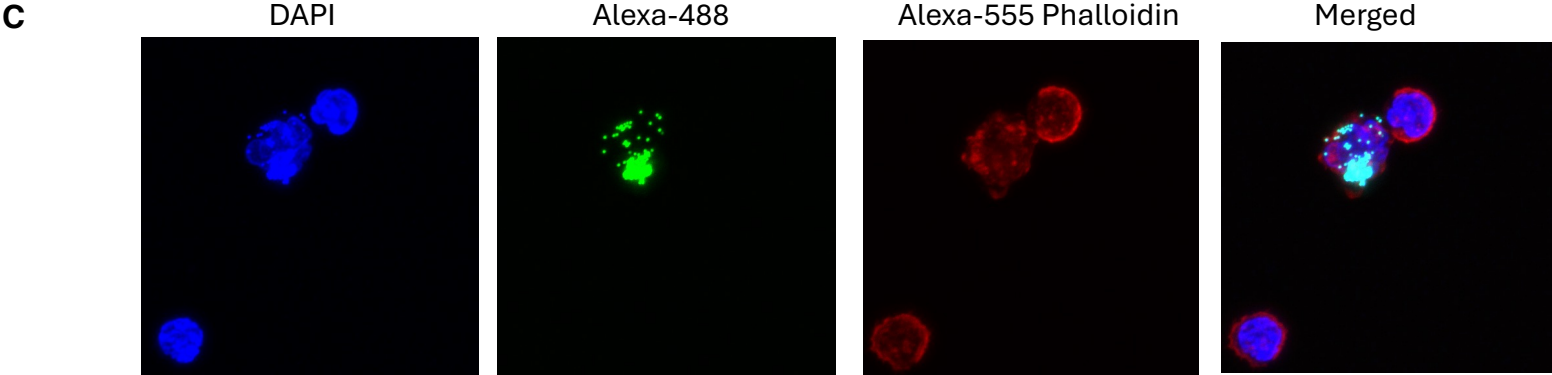
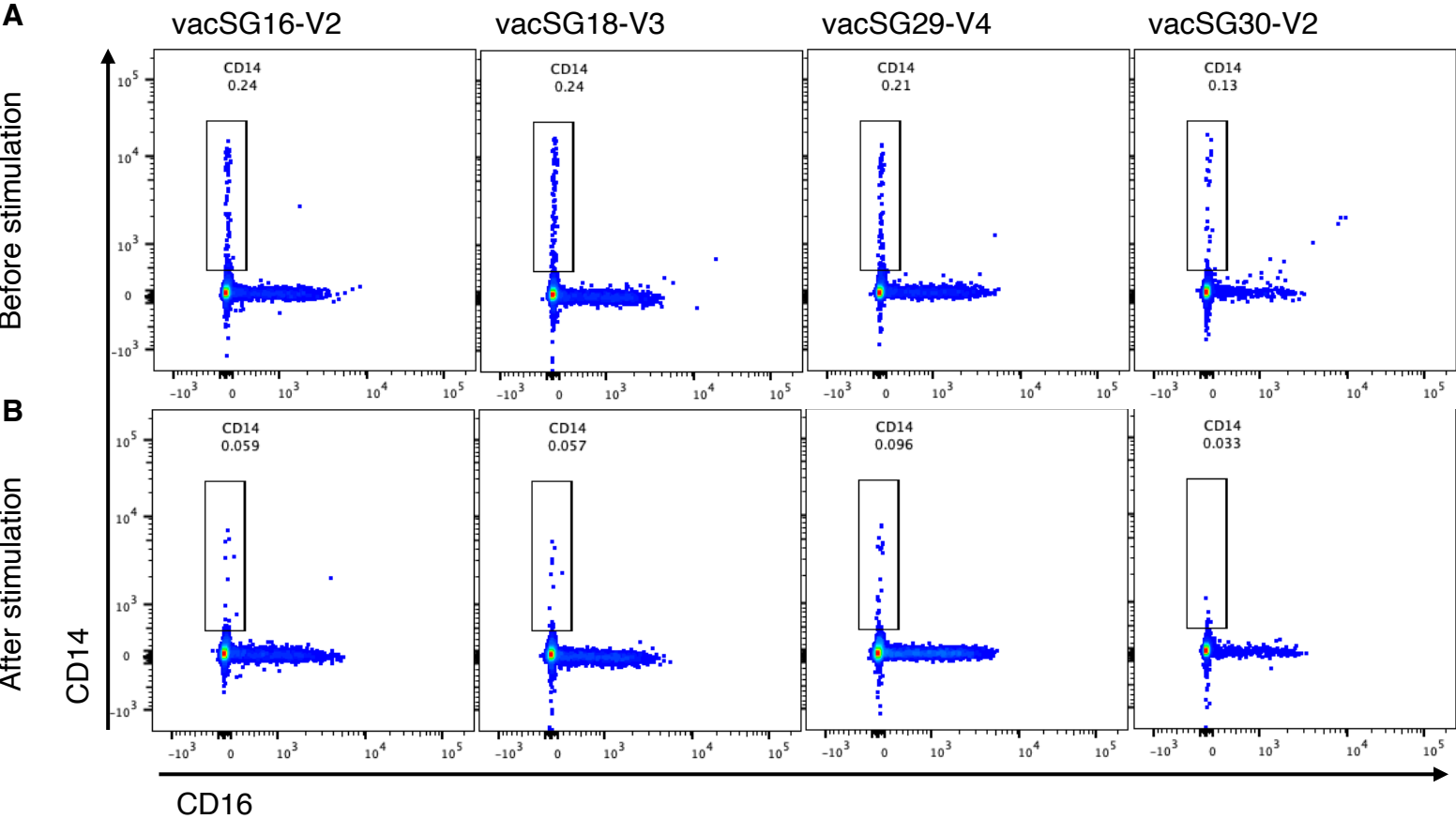


Supplementary Figure 11

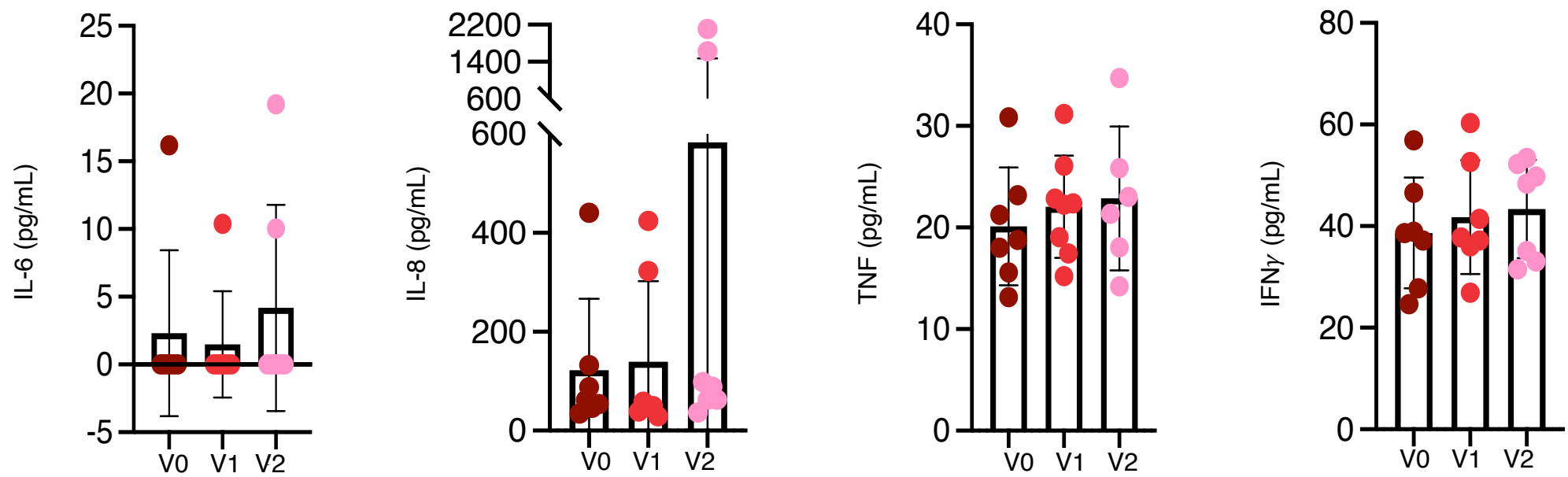
● HLA-A*03:01⁺ samples
● Non-HLA-A*03:01 samples



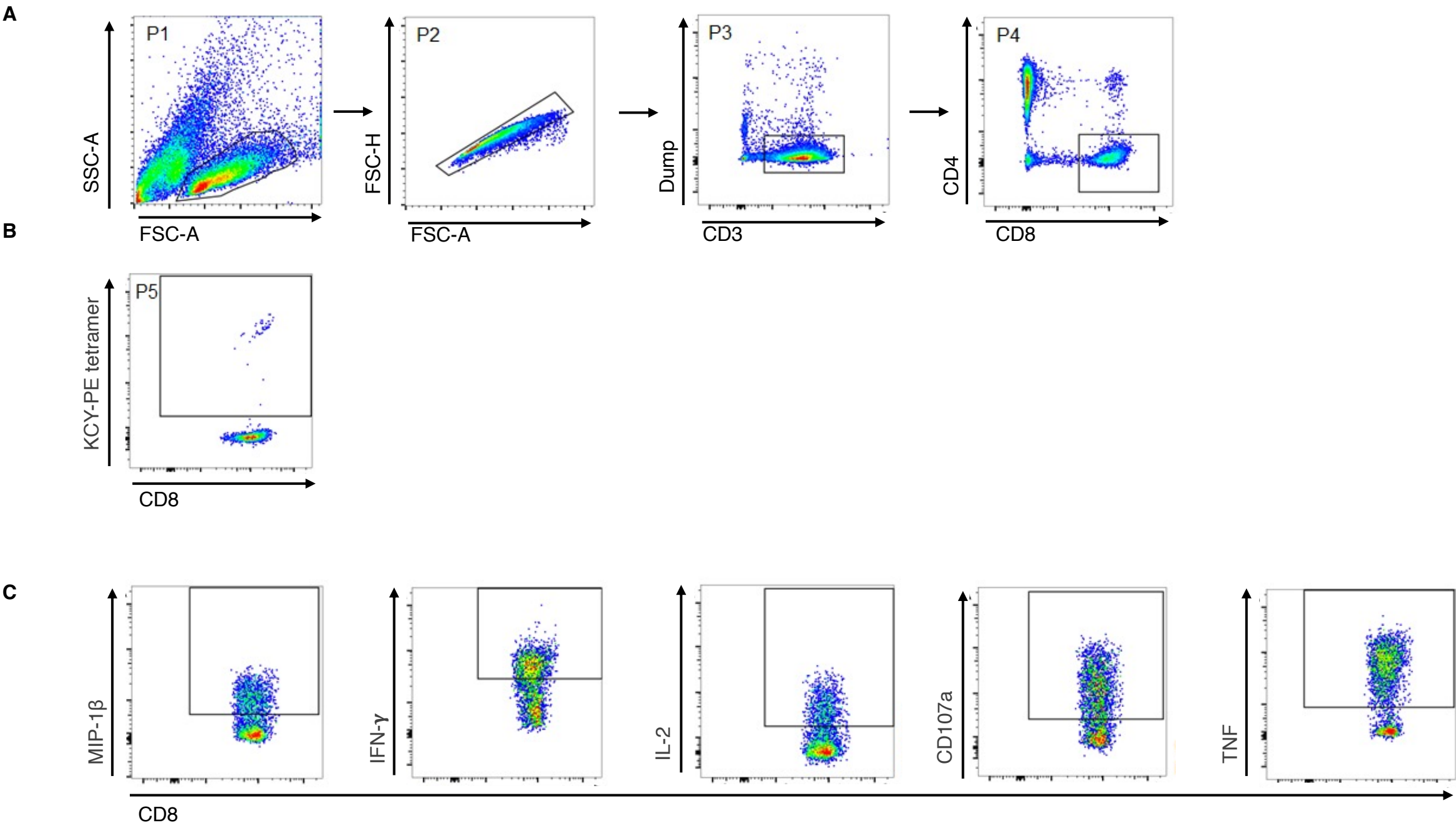
Supplementary Figure 12



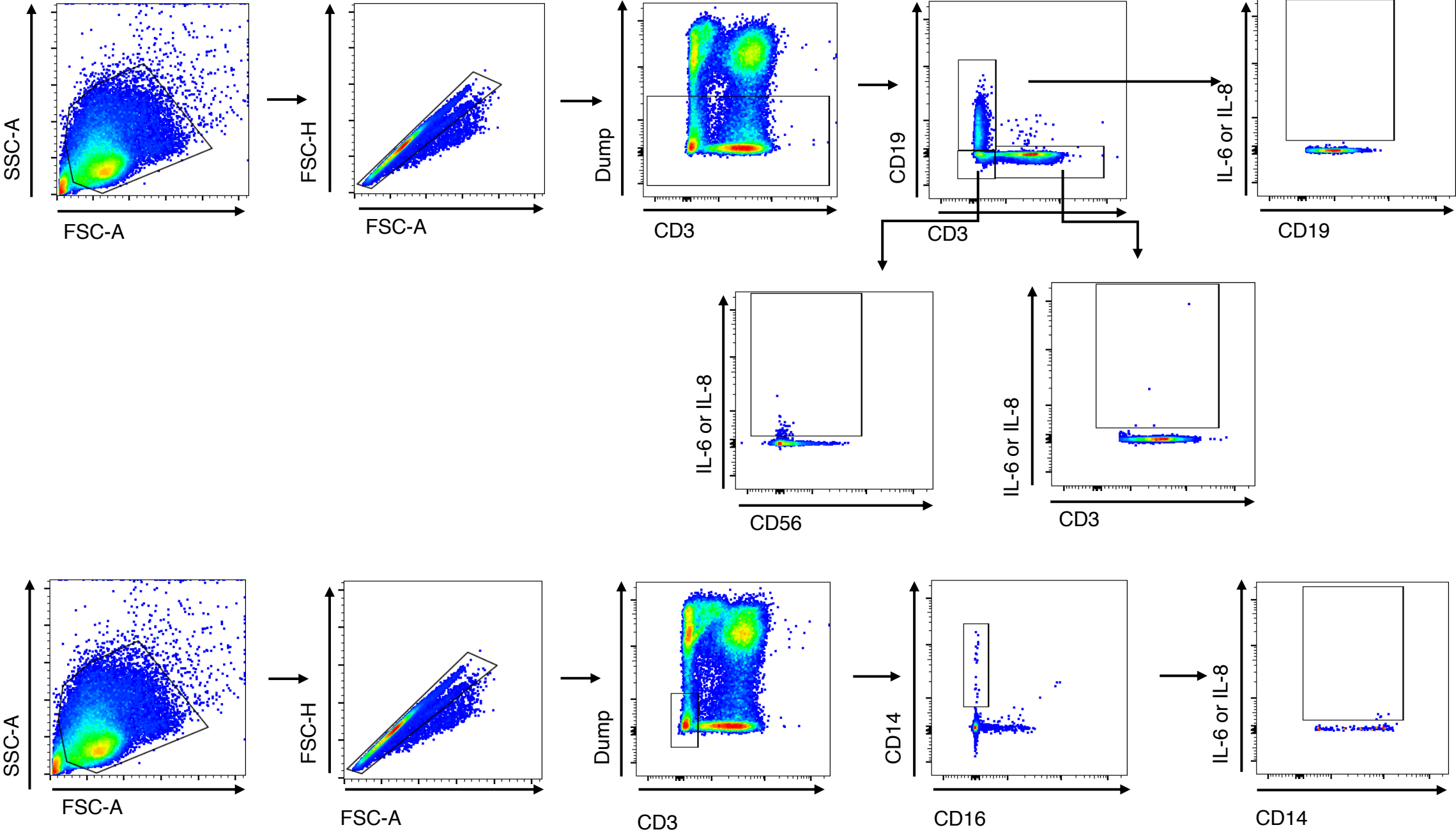
Supplementary Figure 13



Supplementary Figure 14

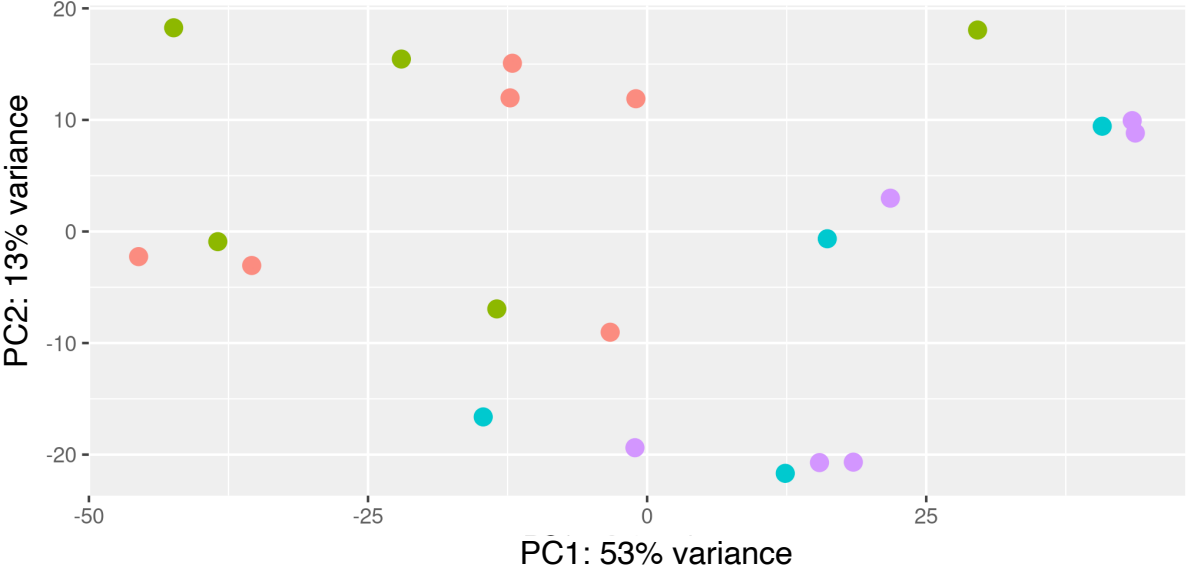


Supplementary Figure 15



Supplementary Figure 16

Before batch correction



After batch correction

