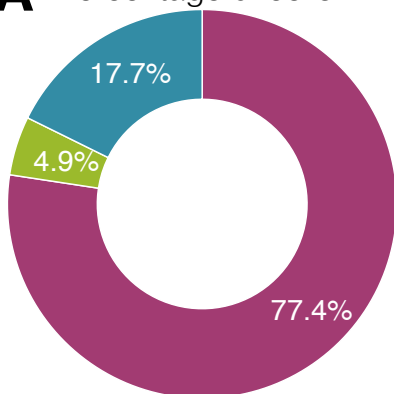
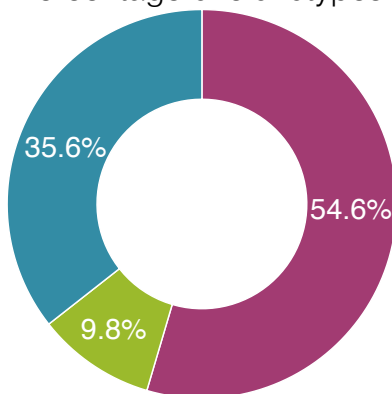
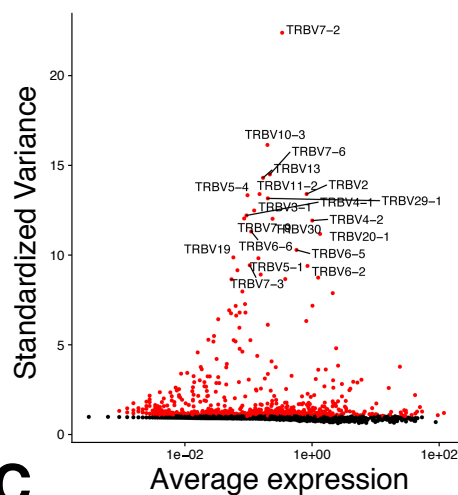


**A** Percentage of cells

Percentage of clonotypes

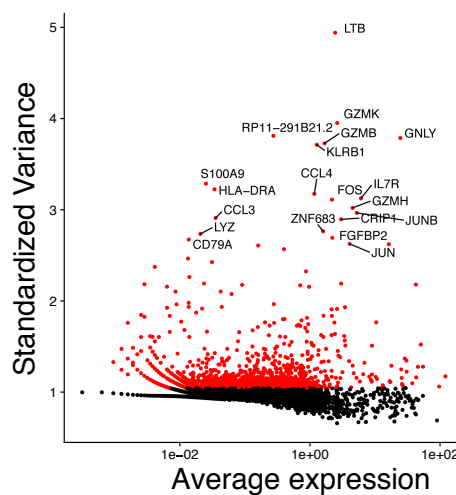


multiple TRA, multiple TRB  
no pair  
one TRA, one TRB

**B** Before TCR genes filtration

• Non-variable count: 12635  
• Variable count: 2000

After TCR genes filtration



• Non-variable count: 12503  
• Variable count: 2000

**C**