



Pros	Cons
1. Focusing & extensively validating individual clones	Low throughput
2. High-throughput, analyzing the spectrum of TCR variants	Contamination due to poor signal/gating, sequencing errors, no TCR chain pairing, limited throughput in terms of antigens
3. High-throughput, paired TCR chains, allows assaying multiple specificities at once	Complex threshold selection (compared to FACS), cell doublets, high cost
4. High-throughput, multiple specificities and paired TCR chains via statistics, scales to large peptide pools	Sophisticated statistical inference, low confidence, problems with rare and expanded clones, indirect evidence for epitope and restricting MHC (some setups)
5. Rigorous validation of TCR variants in various immunoassays, potential cross-reactivity screening, high-throughput via robotics	Sophisticated setup, no commercial solutions yet available, limited throughput in terms of antigens