1. TCR sequence of a3a is recorded from Supplemental Fig. 3(a) of the paper “High-throughput T cell receptor engineering by functional screening identifies candidates with enhanced potency and specificity”, Vazquez-Lombardi et al., Immunity, Volume 55, Issue 10, 11 October 2022 (PMID: 36174557).
2. Mutational scan data for a3a TCR is based on Fig. 6b peptide fold enrichment data, sourced from the “Source Data” spreadsheet found online with the article. Note that we skip positions N1, N2, C1, C2 and only consider positions marked 1-9. We also minmax normalize the fold enrichment data to lie between [0,1].