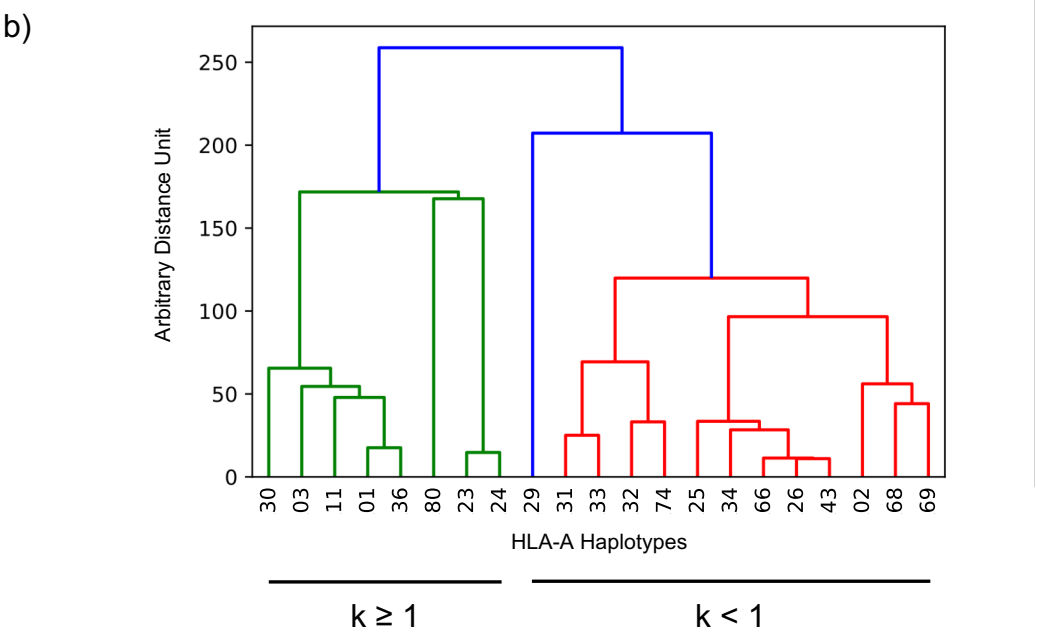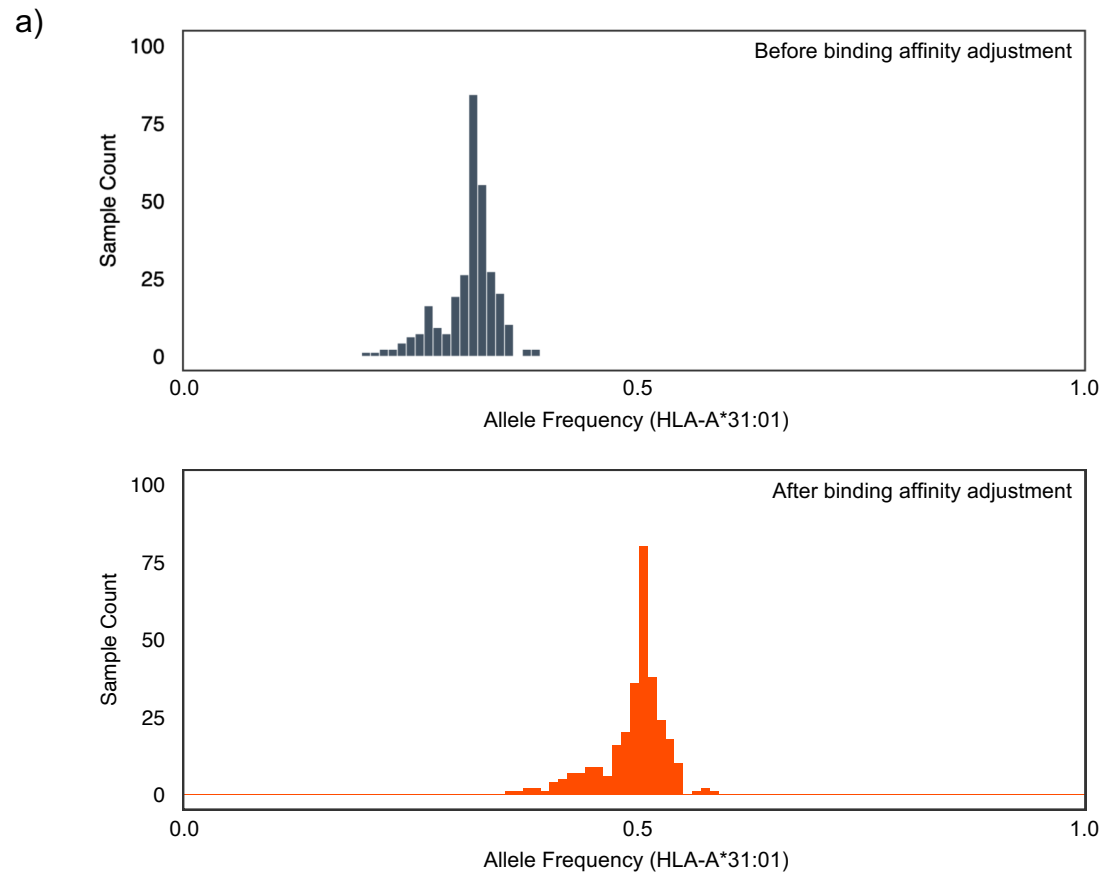**Supplementary Data Figure S5. Effects of hybridization on HLA baiting efficiency.**

Supplementary Data Figure S5. Effects of hybridization on HLA baiting efficiency. a) Example of how hybrid-capture can pull down HLA target sequences with different efficiency. Allele frequency (AF) of the HLA-A*31:01 allele before (top, median AF = 0.3) and after (bottom, median AF = 0.5) adjusting for hybrid-capture binding affinity bias in samples with HLA-A*31:01 and HLA-A*11:01 alleles. b) Dendrogram of representative sequences for each known two-digit haplotype of HLA-A. A matrix of all pairwise sequence distances was used to cluster the haplotypes. The k affinity constants for haplotypes on the left were all greater than or equal to 1 while the k constant for sequences on the right were all less than 1.