



Figure 4 – figure supplement 1. Comparing defined library selection with algorithmic predictions: SARS-CoV-2 spike protein. 15mer peptides which enriched for binding to HLA-DR401 in both the doped and undoped libraries are indicated with horizontal lines above the enriched 15mer sequence (blue). NetMHCIIpan4.0 predicted binders (rank $\leq 10\%$) on yeast-formatted peptides are shown in red. Boxed sequences are tested in subsequent fluorescent polarization experiments, and colored as indicated in the legend.