



**Figure 6-figure supplement 1. TRA J usage by naive CD4 T cells depends on the selecting MHCII allele and partner TCR $\beta$ .** Pairwise scatter plots of individual TRA J frequencies between all replicates of mature naïve CD4 T cells from mice expressing different MHCII alleles. Each point is a TRA J. Data are plotted as log2 transformed TRAV counts per  $1 \times 10^4$  total TCR $\alpha$  sequences in each mouse noted on the x axis versus each mouse noted on the y axis. Values distributed along the diagonal are equivalent between the two mice compared in the plot. Individual mice of each genotype were numbered m1-m3, numbers for each mouse are used consistently throughout.