



Figure S1: Violin plots (H to M) show the distribution patterns of Log_{10} BLV proviral load (PVL) for each *BoLA-DRB3* allele combination. Y axis shows the log_{10} BLV PVL and the X axis shows the *BoLA-DRB3* allele combinations. H: *BoLA-DRB3.2*3* allele combinations, I: *BoLA-DRB3.2*24* allele combinations, J: *BoLA-DRB3.2*41* allele combinations, K: *BoLA-DRB3.2*22* allele combinations, L: *BoLA-DRB3.2*1* allele combinations, and M: *BoLA-DRB3.2*23* allele combinations. The green dot represents the median, the thick light blue bar in the center represents the interquartile range, and the thin light blue line represents the rest of the distribution, except for the red points determined to be “outliers” using a method that is a function of the interquartile range. The colored area on each side of the light blue line is a kernel density estimation to show the distribution shape of the data.