



Figure S4. Frequency distribution of major and minor alleles in the current avocado germplasm collection. Boxplots show that for the minor allele ( $F^M$ ), median frequency is low (~0.1 – 0.2) and the major allele frequency ( $F^E$ ) is high (~0.9) as expected. There are fewer outliers above the minor allele plot and a few below the major allele box suggesting population structure in the data.