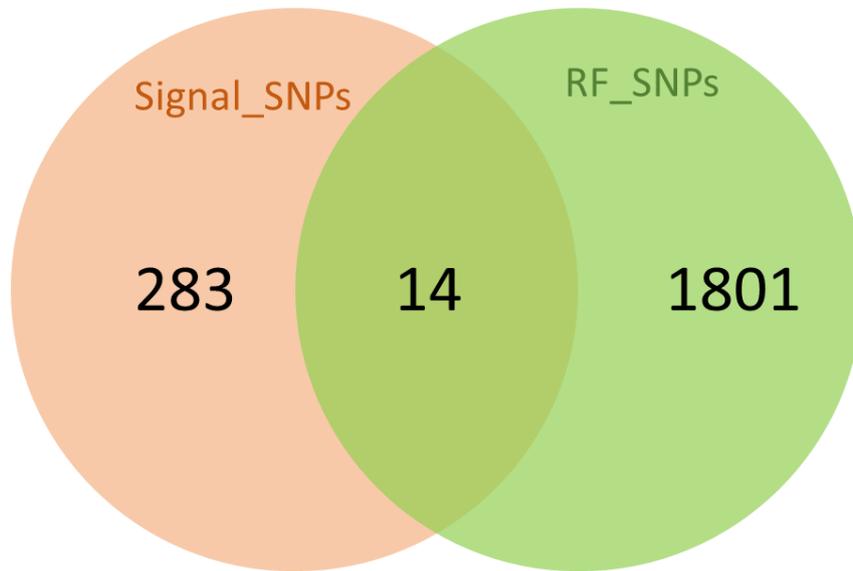
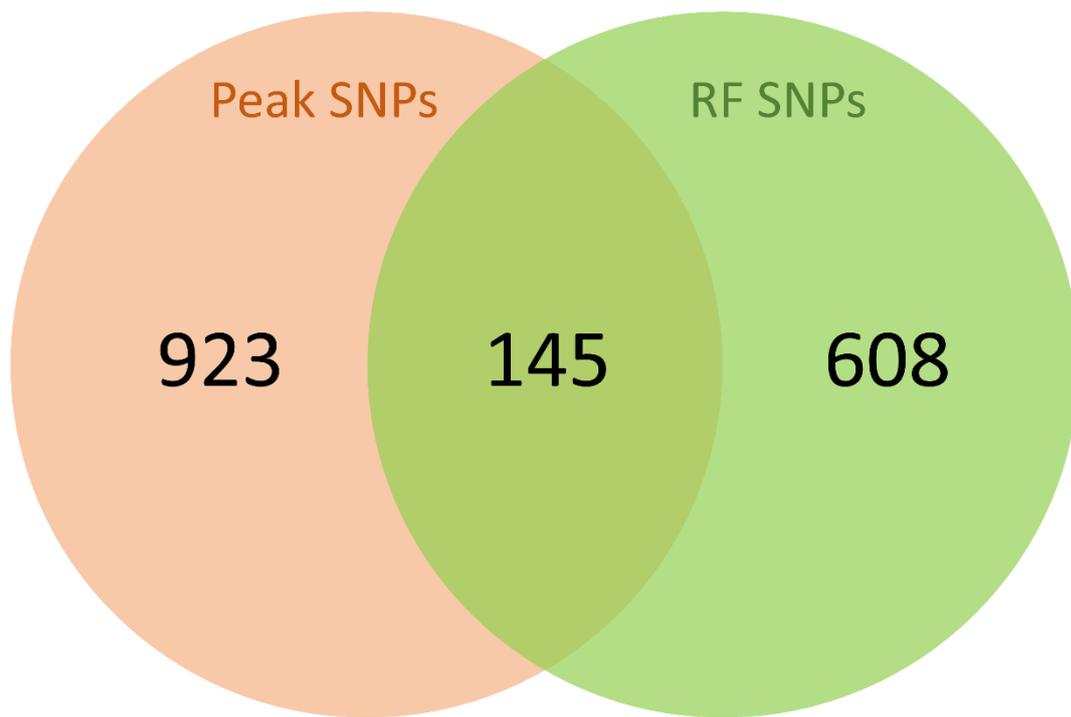


Supplementary Figure 1. Venn diagram showing the overlap between the SNPs identified for eggshell strength at time point 1 using our Signal Detection Approach (Signal_SNPs) and those identified as important by employing a Random Forests classifier (RF_SNPs).



Supplementary Figure 2. Venn diagram showing the overlap between the SNPs identified for eggshell strength at time point 2 using our Signal Detection Approach (Signal_SNPs) and those identified as important by employing a Random Forests classifier (RF_SNPs).



Supplementary Figure 3. Venn diagram showing the overlap between the SNPs identified for egg weight using our Signal Detection Approach (Signal_SNPs) and those identified as important by employing a Random Forests classifier (RF_SNPS).