



**Figure S1. ADMIXTURE based population structure is consistent between SNP marker sets.** The optimal predicted population number ( $K$ ) (X-axis) estimated with the CV error (Y-axis) (A) and membership coefficient plots of the 76 isolates (X-axis) from ADMIXTURE for  $K=4$  (B) using 59,433 SNPs. The CV error plot (C) and membership coefficient plots for  $K=4$  (D) using 6,324 SNPs (with at least 3.5 kb distance between SNPs). The CV error plot (E) and membership coefficient plots for  $K=4$  (F) using 756 SNPs (with at least 35 kb distance between SNPs). Population 1, 2, 3 and 4 are colored as blue, red, yellow, and gray, respectively.