Supplementary Figure 11. Manhattan and QQ-plots (right panel) estimated from BLUPs (mg mL^{-1})

using Blink, FarmCPU, and MLMM models adjusted for population structure (Q = 2) for quinate

(QUI), shikimate (SHK), galacturonate (GAL) and tartrate (TRT) content in fruit pulp (P) and skin (S)

in the apricot accession panel. The continuous horizontal line indicates the Bonferroni's

adjusted-threshold for a type one error rate of 0.05 based on the effective number of

independent tests (1.86e^{-06}), while dashed line corresponds to the permutation test (1.02E^{-05}).