



**Supplementary Figure 14.** A) Linkage mapping for citrate (CIT, in mg mL<sup>-1</sup>) and titratable acidity (TA, in g L<sup>-1</sup> of malic acid) in fruit pulp of B2 x H segregating progenies. Significance of QTL analysis was calculated using LOD score; markers position on apricot V1 genome are also indicated; B) Box-plot of marker-trait association of LOD peak SNP10508 (at 5.8 Mb), CIT and TA levels. Letters and asterisks indicate significant differences between classes ( $p < 0.01$ ) as inferred by one-way ANOVA and SNK test for multiple comparisons.