



Additional file 1. Quantile-quantile (QQ) plots representing the observed (X-axis) and expected (Y-axis) F -test probabilities for the SNP markers tested for association in the traits of chip darkening, glucose, fructose, total sugars, and sucrose contents that showed significant markers in *Solanum tuberosum* Group Phureja. The grey area shows the 95% confidence interval for the QQ-plot under the null hypothesis of no association between the SNP and the trait.