



Additional file 4: Expression of (A) *YUC2*, (B) *GH3-1*, and (C) *GH3-2* in the pericarp of low- and high-SB berries. Gene expression was measured by qRT-PCR and expression levels are presented relative to those of low-SB berries at 2-wk PV. All data represent means of five replicates and error bars indicate \pm SEM. Pre-véraison stages were two- and one-week before véraison (2-wk PV and 1-wk PV), and mid-véraison (MV). Significant differences between low and high SB groups at each cluster stage are indicated by asterisks (t-Test, $p < 0.05$). Significant differences of each SB group between the ripening stages are denoted by different letters (lower and upper case letters are used for low- and high-SB berries, respectively (Tukey's HSD, $p < 0.05$)).