Chart, scatter chart

Description automatically generated

**Figure S1.** Principal Component Analysis (PCA) of global DNA methylations in *P. persica* fruits.The analysis was performed considering all methylated cytosines from normal and mealy fruits at E1 and E3 stages*.*

Chart, diagram

Description automatically generated

**Figure S2.** Expression levels of four differentially expressed genes between normal and mealy fruits, and between E1 and E3 stages. **(A)** Auxin responsive protein SAUR50(Prupe.3G035000), **(B)** ethylene-responsive transcription factor *ERF5* (Prupe.5G062000) **(C)** Xyloglucanendohydrolase XET (Prupe.3G172000), **(D)** ethylene-responsive transcription factor *ERF4* (Prupe.4G176200)*.* Transcripts were analyzed by Real-Time qPCR using three biological and three technical replicates. Error bars represent standard deviation (SD).