

**Supplementary Fig. S7** Contents of fructose, glucose, and sucrose of WT and *ven2* developing seeds. (a-c) Fructose content of WT and *ven2* at 6 DAP, 12 DAP, 18 DAP, and 24 DAP. (d-f) Glucose content of WT and *ven2* at 6 DAP, 12 DAP, 18 DAP, and 24 DAP. (g-i) Sucrose content of WT and *ven2* at 6 DAP, 12 DAP, 18 DAP, and 24 DAP. Values represent the mean and SD of three biological replicates.