



Supplementary Figure S7. The expression levels of sphingolipid biosynthetic genes.

(a) The expression of *Gm8DES* genes during seed germination detected by Quantitative real-time PCR. (b) The expression of *GmSBH2* genes during seed germination detected by Quantitative real-time PCR. (c) The expression of *GmSPHK* genes during seed germination detected by Quantitative real-time PCR. *Gm8DES-14* indicates the *Gm8DES* gene is on chromosome 14. *GmTUB4* was used as an internal control.