



Supplementary Figure S8. Identification of *GmSLD1* overexpression lines.

(a) Schematic representation of the *GmSLD1*-overexpression vectors. LB and RB, T-DNA left and right border. 35S, CaMV35S promoter. NOS, terminator. Bar, herbicide-resistant gene. (b) The electrophoresis images of PCR identification for *GmSLD1*-overexpression soybean. Marker; P, positive plasmids; N, negative control; W, wild type; OE1-OE8, overexpression lines. (c) The expression levels of *GmSLD1* in its overexpression lines. Error bars, \pm SEM. Each analysis was repeated with three biological replicates.