



**Fig. S6 Down-regulated DEGs in transcripts of different treatment groups**

G\_L, the treatment with 250  $\mu$ M calcium chloride for 6 days. H\_L, the treatment with 1000  $\mu$ M phenobarbital for 8 days. I\_L, the treatment with 125  $\mu$ M methyl jasmonate for 4 days. J\_L, the treatment with 1000  $\mu$ M 5-azacytidine for 6 days. K\_L, the treatment with 400.00  $\mu$ M  $\text{CaCl}_2$ , 1087.96  $\mu$ M PB, 260.67  $\mu$ M MeJA, and 823.04  $\mu$ M 5-AC.  $\text{CaCl}_2$  and 5-AC are dissolved in water, PB in dimethyl sulfoxide, and MeJA in ethanol.