

Supplementary Materials

Table S1 Primers of key genes for qRT-PCR analysis

Gene Name	Forward (5'-3')	Reverse (5'-3')
<i>SOD2</i>	CAACAAGGCCCTCGAGCA	TGACCTCCGCCGTTGAAC
<i>SOD1</i>	TGTGGACAATCAGGTGCTCC	TGCAGACAGAAGGAGCAAGG
<i>POD</i>	GGCAGTTCAAGAGGCTGTCT	TGTTCCCTTGACCACGGATCA
<i>CAT9</i>	CTCGGCGTTCTCGACCTC	GTTACTCCAGGTCCGGCG
<i>CAT3</i>	ATGGGATGTTTACTGGGTCTG	TACCTCCTCAGCTGTACTGCT
<i>GST</i>	GGGGATGACACGTTTGGC	GCATCTCTTGACCCAAGCCA
<i>PsaA</i>	GCCCATTTTCGGCCAACTC	GGCCAAACCACCTGAGCA
<i>PsaH</i>	CCCTCTCGCCACACTGTC	AACCCCTCATCGTGCGTG
<i>PsaB</i>	TTGGATGCGCGTGGTTCT	TGCGTCCCAAGCCGAAAT
<i>PsbK</i>	GCGAAATTGCCCGAAGCC	ACAGCAGCTTGCCAAACA
<i>PsbA</i>	AGCTTGCTACATGGGGCG	GGCTGCAACAGGAGCTGA
<i>LHCA2</i>	TGAGGCTTGGAAGAGCA	TGGAGGACCAGAGAGGCC
<i>IAA</i>	GGCTTGGTCCACCTGGTG	GCCTTGCTCTGGAACCCA
<i>ABF</i>	GGGAATCTGCTGCCCCGT	GGAGGGGGTTACATGGC
<i>GA</i>	TCCCAAACGACGACGGG	CCCGCCCGAACTATCACC
<i>P5CS</i>	TGGAGGAGTAGCAGCTGGT	TGTTGTCCACCCGAGA

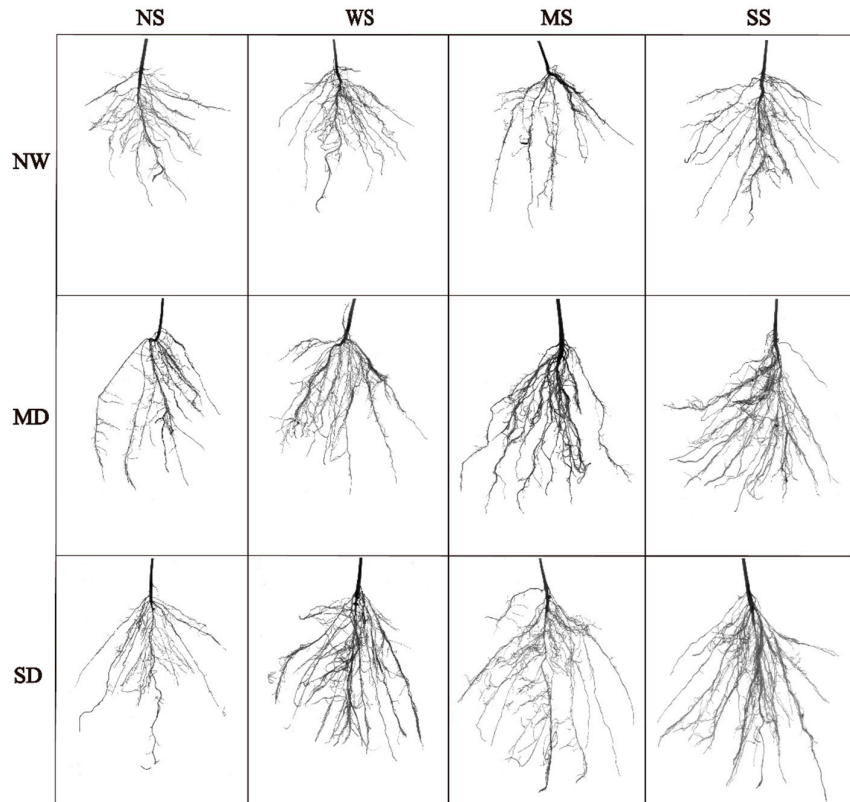


Figure S1. Effects of MT and SL on root morphology of fodder soybean under drought stress. NW: normal water supply; MD: moderate drought; SD: severe drought; NS: no spraying; WS: water spraying; MS: spraying MT; SS: SL spraying.

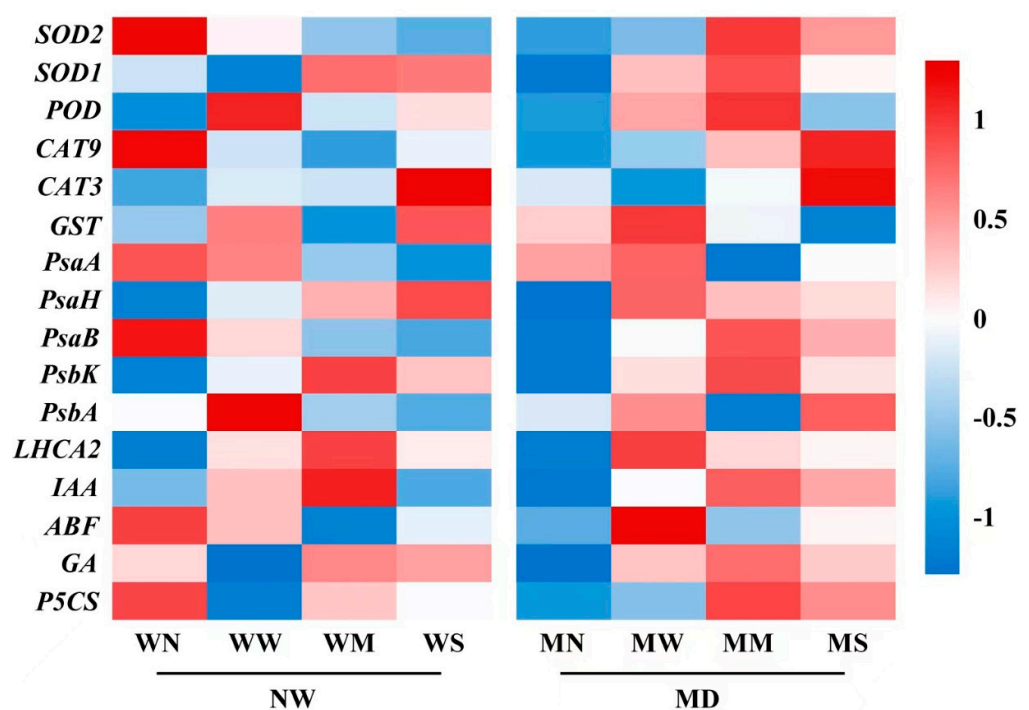


Figure S2. Changes of genes expression level in fodder soybean under NW and MD conditions.