

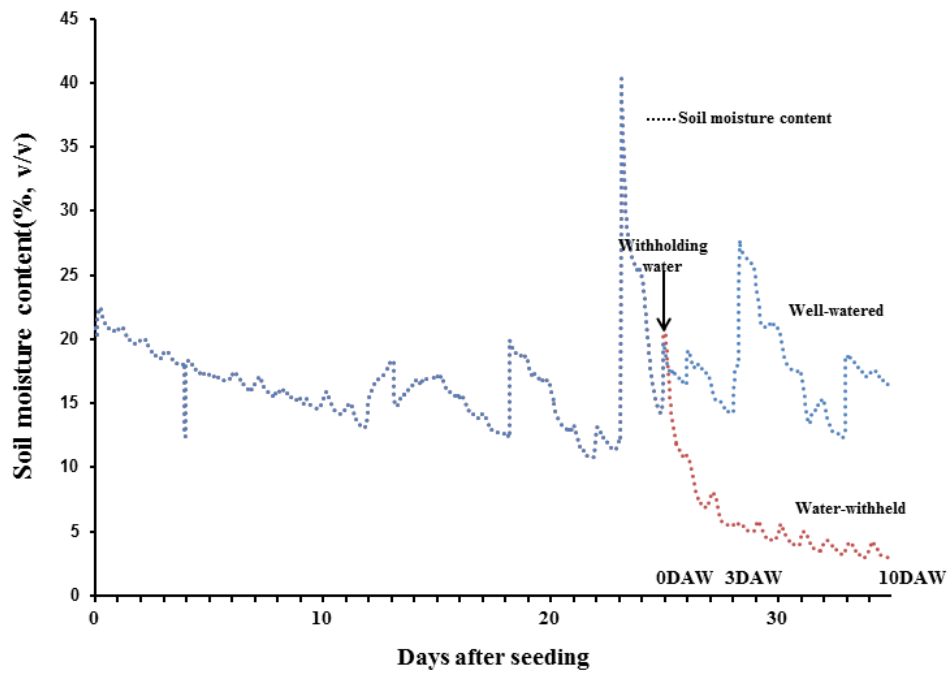
Supplementary data

Physiological and proteomic analysis of the response to drought stress in an inbred Korean maize line

Sang Gon Kim, Jin-Seok Lee, Jung-Tae Kim, Young Sang Kwon, Dong-Won Bae, Hwan Hee Bae, Beom-Young Son, Seong-Bum Baek, Young-Up Kwon, Mi-Ok Woo, and Seonghyu Shin*

Supplementary Table 1. Primer sets for RT-PCR analysis

Spot No.	Forward primer	Reverse primer	Expected size (bp)
Spot 2	GCTGAGGGCTTTATCGATCC	CAAGCCTGAGACGACTTGGA	363
Spot 4	AACAGCTGGACCCTCGAGAT	GGCAGCAGCTTGTAAGTGGA	365
Spot 5	CTCCACCAACAGCTGGACTG	GTGGACTTGCACTCGCACTT	252
Spot 6	ATGGAGAAGCGGAAGCTGAT	TGTTGTACTGGGATCCGTGG	367
Spot 8	TGAGGCAAGTTTTTGGCAAG	TCCGCAGCATATTTCTCGAC	259
Spot 12	CTGGACAACGTCGTGAGGAG	ATCTCCACACCGCTCAGACA	293
Spot 13	CAAGACCAACATGGTCACCC	ACCCCTTGACGTACAGGCTC	395
Spot 14	GCTAGTGACGTCGCCAAAAA	GAGATTCAGACCAGACGGTCC	255
Spot 15	TAGCCAGCTGAAACGATTGG	GCTTTGTTCAAGCCGGTGTA	255
Spot 17	AACAACGTCATGTTTCGAGGG	TCTTGAGGCAGGTGTTCTGC	274
Spot 19	GGGGTTGTCCTTACCCTTGA	TTCCCTTTTGCCTCGGTAT	294
Spot 23	GTTGGTCAAGGAGATCCGGT	AGCTTGAGCGCAACATCAAC	270
Spot 25	ACAACAAGGAGGACAACCCC	CCAGCATGTGTCCGTACTCC	393
Tubulin	TATGGAGGAGGGCGAGTTCT	CAAAGCGGGGAATAAAGTC	277



Suppl

plementary Fig. 1. Volumetric soil moisture content in water-withheld pots over the duration of the experiment. DAW, days after withholding water.