

**Table S1 List of primers used in the study**

No.	Gene ID	Description and gene name	Primer (5'-3')
1	AT3G56970	Basic helix-loop-helix protein 38, AtbHLH38	F: ATAGCTTGGGAGTATCTGTTTCGTC R: TAGCCTCTTCACTTGCTGTTGC
2	AT2G41240	Basic helix-loop-helix protein 100, AtbHLH100	F: TCTTGTCTTCCTCCCACCAATC R: AACCCCTTCCTCTGACTTACTGTTT
3	AT2G18300	Basic helix-loop-helix protein 64, AtbHLH64	F: GATGTGCCATTGTTTCCGTTAG R: TCGATAGATGTCGTTTGGTTCG
4	AT2G42380	Basic-leucine zipper transcription factor family protein, bZIP34	F: ATCCACGCCGTCCAATAGC R: CCGTACCATCTTCTGGCTCCAT
5	AT3G58120	Basic-leucine zipper transcription factor family protein, bZIP61	F: CGAAAATCCCAACCATGACG R: CGCTTATAGAACGACGGTGAGTC
6	AT5G28770	Basic-leucine zipper transcription factor family protein, bZIP63	F: ATCGTTTCATACAAGAATCCTCCG R: CATGGCGACAGCAGCACAA
7	AT3G03820	SAUR-like auxin-responsive protein family, AtSAUR29	F: GGTGGCTCAGTAGCAGGAACG R: TCCGAACCTCTTCTCAGCTTTGAT
8	AT4G34760	SAUR-like auxin-responsive protein family, AtSAUR50	F: GACACTTCCCTGTCTATGTCGGAG R: AATTCCTTCCTCGGCTCGTTGTA
9	AT1G77760	Nitrate reductase 1, AtNIA1	F: TCAACGCCGAAGCACCTCT R: AATTCGCTTTGGGAAGTCA
10	AT5G65010	Asparagine synthetase 2, AtASN2	F: TGTCTGGTTTGCTTCGGAGATG R: TCCTTGTTTACTTGAGTAGATGTGGC
11	AT4G27300	S-domain-1 (SD1) receptor kinase 1 (SD1-1), AtSD11	F: TTCCCTTGCGCATCTTCAGC R: GGGATAATCAAACTCTGCCACAAC
12	AT3G12580	Heat shock 70 kDa protein 4, HSP70-4	F: CCTTGGGTTTGAAACTGCC R: TTGTTGTCCTTTGTTCGTGCC
13	AT1G59860	17.6 kDa class I heat shock protein 1, HSP17.6A	F: TTCCCGTCATCGTCTTCGTC R: GTCCTGCTTCTCCTCTTTCTCAAC
14	AT1G69480	Phosphate transporter PHO1 homolog 10, PHO1-H10	F: AGAACTACGGTACTGAATACATGGC R: AAAACTTCTCGGTCAACCACTC
15		AtActin	F: GGTGGTTCCATTCTTGCTTCCC R: TCATACTCGGCCTTGAGATCC