

Supplemental Table S1 List of primers used in this study

Gene name (AGI N°)	Sequence 5' → 3' Forward	Sequence 5' → 3' Reverse
Act7 (AT5G09810)	ACATCGTTCTCAGTGGTGGTTC	ACCTGACTCATCGTACTCACTC
AHA2 (AT4G30190)	AGAGGCTCAATGGGCACTTGCT	TGGGAGTTTCAATGTCCAAGCCCT
AHA7 (AT3G60330)	TTGTGCTTGGAGCTTACTTGGCGA	TCAACGCTTGGCTGATCGTGCT
AtDUR3 (AT5G45380)	TGGTCGACGACGAGGGAGATCAA	TGCCACAATTGCCCAAACCAGAA
AtNRT2.5 (AT1G12940)	ACCGCT CCCGCCGTCTATTT	ATGGGCATGATCAGCTGCGTCG
CCH (AT3G56240)	TGCGTTGGTGCCGTCAATAGAGT	ATCAGCCTCGGCTTTTGGCTCA
FIT1 (AT2G28160)	AAGCTCTCCTTCTCCGGACACA	TGCAGAACCGGATTTGACTCACGT
FRO2 (AT1G01580)	TCGTGCAACGCACCAATCTGC	ACGCAATCACCAGCTGAAACTGAT
IRT1 (AT4G19690)	AGTCAGCGAACCCGTGCGTC	CCAAGGATGATCCCGGAGGCCGA
MATE (AT1G33110)	CCGTTCTCTCTGGAGTTGCCGTC	GCATTCCGATCCATACGCCTTTTAC
NRAMP1 (AT1G80830)	GTCAACCCAATGGCGATTACAGCT	GCAATGCCTGCGAACCCAAGAA
PAP17 (AT3G17790)	TGCTCCAAGTCTTCAGAAACAGTGGT	TTGCGAGATGGAACTGCGCG
UGT73B4 (AT2G15490)	TGCAGAGAAAGCCGGAAGAGGGA	AACCAATCTTCATTTTCACCTGTCCC A
ZIP3 (AT2G32270)	TCAGTGATGGAGAAACCGGCCGA	AGCTTTTGCAGCATCTGGGCTC