

Supplementary Table1. Primer sets for qRT-PCR and genotyping analysis

Gene name	Primer sequence
qRT-PCR	
ORE1 (Arabidopsis)	F 5'-CTTACCATGGAAGGCTAAGATGGG -3' R 5'-TCGGGTATTTCCGGTCTCTCAC -3'
ORE1 (Pak Choi)	F 5'-CGATGCATCAAGAATCGGTGA -3' R 5'- CGGTGGCAGAGAAGAAAGTG-3'
ORE1 (Choy Sum)	F 5'- GGAAGTCACTTGTGGGTATG -3' R 5'- CTTTGTACCATCGGCACGTT -3'
NRT2.1(Arabidopsis)	F 5'- TGAGCAGGAGAAGCAGAAGA-3' R 5'- TTGTTGGGTGTGTTCTCAGG-3'
NRT2.2 (Arabidopsis)	F 5'-GCTATGCTTTCTCGGTAGATGGTAG-3' R 5'-AATGTCATGTTTGGTGAGGTTAAGA-3'
ACT2 (Arabidopsis)	F 5'-AGTGGTCGTACAACCGGTATTGT-3' R 5'-GATGGCATGAGGAAGAGAGAAAC -3'
ACT2 (Pak Choi)	F 5'- TGCTGGATTCTGGTGATGGT-3' R 5'- GGCGTGTGGAAGAGAGAAAC-3'
ACT2 (Choy Sum)	F 5'- TGCTGGATTCTGGTGATGGT-3' R 5'- GGCGTGTGGAAGAGAGAAAC-3'
Genotyping	
LBb1.3	5'-ATTTTGCCGATTTCCGGAAC -3'
LP (<i>nrt2.1-2</i>)	5'-GTTCTCCATGAGCTTCGTGAG -3'
RP (<i>nrt2.1-2</i>)	5'-CTTACCATGGAAGGCTAAGATGGG -3'