

Supplemental Table S4. Primers used for qRT-PCR.

gene	5' primer	3' primer
<i>TIP41</i>	GTGAAAACGTGTTGGAGAGAAGCA	TCAACTGGATACCCTTTCGC
<i>ATPS1</i>	CACTCGGAGGTTTCATGAGAG	AGACGTAGCGAGTTAAAATGAAGAG
<i>ATPS2</i>	GATCTTGAGTGGGTTTCATGTGAT	CTCATCTTCTCTCATGAACCCTTT
<i>ATPS3</i>	TGGGTTTATGAGGGAATCTGAG	GACCCATCATCGAGATTCAAC
<i>ATPS4</i>	CAAAGGTTTCATGAGACAGTCAG	GAGCCGGAACGAGTTAAAATG
<i>APR1</i>	CGATCAAGTATCCGTCGTAGAAG	GGACAAGATTCAAGAACGAAGTC
<i>APR2</i>	AAAAGAGCTCCACGGGCTAT	CGACATGAGTGAATCAACATCTC
<i>APR3</i>	CCAATCAAGTATCCATCAGAGAAG	CCGAACAAGATTCAAGAAAGATG
<i>APK1</i>	CCTTACGAGCCACCATTGAACTG	GCCATTTTCGATAGGAGAAGTTCCT
<i>APK2</i>	CAAATCAAAGGCTTCACTGGAATC	TGTTTCAGCACTACCTCGCAATT
<i>APK3</i>	GTTGAAAGAGAAAGAGGGAGAGTGTC	AGAGATCACTTCCTCAGCCATAGC
<i>APK4</i>	TCTTCTTCTCTGTGTGAAATGGCAG	TTCTTCAGGTATCCATTTTGGTCC
<i>SULTR2;1</i>	CAGAGAGTTTTGAATCTCTCTCACATC	CCATCTGGATCATGTGTGTTG
<i>LS5</i> (At5g26220)	TCCACCGGAGCTATTTGC	CGTTCAGTACTCCATTGCT
<i>LS2</i> (At5g48850)	TCCCTGTGGAGACACTCCTT	CCATCTCCGGGTTCTTCTCT
<i>SOT17</i>	GGAATCCAAAACCATAAACGACG	CGGATCTTTTGGTCTCCAGCC
<i>SOT18</i>	CCCTACCGAGTCACGACGAGA	GGTAGCCACCAGTAACCACCATACT
<i>MAM-L</i>	TTCGTTACTTCTCACATCGTCGAG	GGAGCAACATGAGACGAACAGAGT
<i>SUR1</i>	GGATTCTCCCCGCAAGAC	CATCCAGCGGTCAGAAAA
<i>TSB</i>	ACGAAGAAGCGTTGGAAGC	GGTAAGCTAGTGCGTGTGAGG
<i>LOX2</i>	CTTACCCGCGGATCTCATC	ACTCCATGTTCTGCGGTCTT
<i>LOX3</i>	CGCCAATCAACAGTTTCTGA	CTCGTCTCGTGGCACATACA
<i>FRY1</i>	CTGAAGGTGGTCCAAATGGT	TGATCTCCCCTCAGAAATCC