

Supplementary Table 4. List of the primers for the qRT-PCR analysis to valid the transcriptome results.

Gene Name	Gene ID	Primer Sequences	
		(F/R)	Product Length
<i>ATFRO2</i>	AT1G01580	CTCATCAATCCTCGGACCA/ TGCGGCTATGTTGTGGAAC	189
/	AT1G21400	AATGGGTGAGGCTCCGTTA/ GGACCTCATAAGTTGCGGTT	178
<i>ASN1</i>	AT3G47340	AGAACTCTGCGAGACTAACGG/ TGGGTCAAGGAGTTGTGATTC	183
<i>LAX3</i>	AT1G77690	TGGGTCAAGGAGTTGTGATTC/ GGGTATTTCGTAGTTGGGTT	201
<i>GH3.17</i>	AT1G28130	TACCAAGTTACGACCCAA/ CGTAAAGCCTTTCATTCA	188
<i>ATCDPK2</i>	AT1G35670	TGGACCTGAAATAGATGTG/ TCCAGCAGTCTTATCTCG	196

<i>UBC5</i>	AT1G63800	TCAGTGGACCCAAAGAC/ TTTCTTCCGCAACTTCT	173
<i>ARR3</i>		TGCCTGGAATGACTGGA/ AAGAAGGTGCGGAGGAT	178
<i>ATNPR1</i>	AT1G64280	TTGCGGAGAAGACGACA/ CTCATCGTCGTCGGTGA	196
<i>ERS2</i>	AT1G04310	GATTGTTAAGGTGGTGGC/ GATTGTTAAGGTGGTGGC	182
<i>ACTIN2</i>	AT3G18780	AAGCTCTCCTTTGTTGCTGTT/ GACTTCTGGGCATCTGAATCT	178
