



1 Table S1. List of primers used in this study.

Target gene	Gene ID	Primer name	Sequence (5'→3')	Product size (bp)
<i>APX1</i>	AT1G07890	APX1qFor	GTCCATTCGGAACAATGAGG	162
		APX1qRev	CCAGTAACTTCAACGGCCAC	
<i>APX2</i>	AT3G09640	APX2qFor	TGGTCTTATTGCCGAGAAGC	115
		APX2qRev	GATGCCTTATCGTCCCAAAC	
<i>APX6</i>	AT4G32320	APX6qFor	GCGGTATTCGTTGCTTATCC	114
		APX6qRev	TGCGGAAGCATATGAGACAG	
<i>CAT1</i>	AT1G20630	CAT1qFor	TGTCTGCTCTGAAATCGTG	107
		CAT1qRev	ACGAATCGTTCTTGCCTGTC	
<i>DHAR1</i>	AT1G19570	DAHR1qFor	GTTCAGCCAACGGGCTCTTC	111
		DAHR1qRev	CCCTTGAGGACTAATCTCCAAG	
<i>PEX4</i>	AT5G25760	PEX4qFor	CTGCGACTCAGGGAATCTTCTAA	60
		PEX4qRev	TTGTGCCATTGAATTGAACC	
<i>PRX33</i>	AT3G49110	PRX33qFor	GGTCAGGTAATCCAGTGTTGC	93
		PRX33qRev	GCTCTCCGGGCTCAC	
<i>PRX34</i>	AT3G49120	PRX34qFor	CGCAGATATGCTCACCATTG	84
		PRX34qRev	TCTCTCCTTCCCAAAGGAAC	
<i>RbohD</i>	AT5G47910	RbohDqFor	TGATTCCAACGGCCTCTTAC	112
		RbohDqRev	GTTATTCGGCGAGCTAATG	
<i>RbohF</i>	AT1G64060	RbohFqFor	CGAGATCTCCGACGATGAAAC	166
		RbohFqRev	AGCGGCGGTACTAGTAGTGG	
<i>UBQ10</i>	AT4G05320	UBQ10qFor	GGCCTTGATAATCCCTGATGAATAAG	63
		UBQ10qRev	AAAGAGATAACAGGAACGAAACATAGT	

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