

Table S1. PCR primers used in this study.

Gene name	AT number	Direction	Sequence	T _m (°C)	Amplicon size (bp)	Efficiency (%)
<i>UBC21</i>	At5G25760	forward	CTGCGACTCAGGGAATCTTCTAA	64.8	60	92.5
		reverse	TTGTGCCATTGAATTGAACCC	62.8		
<i>ACT2</i>	At3G18780	forward	TTCCAGCAGATGTGGATCTC	62.4	313	91.0
		reverse	TGTCACACACAAGTGCATCA	63.2		
<i>ACT7</i>	At5G09810	forward	TCCAACAGATGTGGATTTCAA	60.9	114	92.1
		reverse	AACAAACTCACCACCACGAA	63.2		
<i>ACT8</i>	At1G49240	forward	TTCCAGCAGATGTGGATCTC	62.4	232	93.0
		reverse	TTCAAACCTGCTCCTCCTT	62.5		

Table S2. Ct values of *UBC21* used in RT-qPCR analysis of actin gene expression in this study. Data shows mean Ct $\pm$ SE of *UBC21* expression in wild type, *act2-1* and *act7-1*.

0 h	48 h	96 h
26.4 $\pm$ 0.7	28.0 $\pm$ 0.3	27.8 $\pm$ 0.2