**Table S1**: Nucleotide sequences of RT-qPCR primers used in this study.

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| **Name** | **Primer sequences (5′–3′)** | **References** |
| *VvUBI1* | F:TCTGAGGCTTCGTGGTGGTA  R:AGGCGTGCATAACATTTGCG | Downey *et al*., 2003 |
| *VvGPDH* | F:TTGGCATTGTGGAGGGTCTT  R:TTCCACCTCTCCAGTCCTTCA | Vega *et al*., 2011 |
| *VvPIN1* | F: GGTAGCGGGTGGGCGCAATT  R: ACATGCCTGGGTTGGGTGCC | This study |
| *VvPIN1a* | F: ACTCCATTTTCTCATCCGGGCGT  R: AACGACAGCCGTGAGGACGTG | This study |
| *VvPIN1b* | F: CCGCCGAGTGCCGGAATCTT  R: GACACTGGCGATGCGCTGGA | This study |
| *VvPIN2* | F: TGCGGCCATTGTGCCACTCT  R: GGAACGGCGAAAACCGCCAC | This study |
| *VvPIN4* | F: ACGCCTCGCCCCTCCAATCT  R: CGGAAACCCTGGGACCCCCA | This study |
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