Supplementary TABLE 1 | Details of the genes and primer sequences used.

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| Gene name | Forward primer (5'-3') | Reverse primer (5'-3') |
| *Actin* | TGTAAGCAACTGGGATGA | CCTTCGTAGATTGGGACT |
| *PR1* | CAGGACTACGTGAGGCTCCA | CCTCTGCCGACGAAGTTGC  |
| *PR10* | ACCATCTACACCATGAAGCTTAAC | GTATTCCTCTTCATCTTAGGCGTA |
| *POC1* | CATTGCTAGGCAGAGATAAACG | ATGAGACGGTCTGATTGCACAC |
| *POX22.3* | TCGGCGACGTTCTATGACAC | CGYYGTCGATGACGCTGAAT |
| *LOC\_Os07g30330* | TCACCGACCAGCAGATCAAC | TCCATCGCCTCCCTTACCAT |
| *LOC\_Os07g30369* | ACCGAGGACCAGAACGACC | CGGAGCACCCAGAGGAAT |
| *LOC\_Os07g30410* | CAGCGGCAACTACACGG | AGAGGGTCAGGGCGAAC |
| *LOC\_Os07g30450* | AAGCGACGGGCAAGAC | AACGCCTCCAAGGAGATAA |
| *LOC\_Os07g30469* | ACCGAGGACCAGAACGACC | CGGAGCACCCAGAGGAAT |
| *LOC\_Os07g30510* | AAGCAGCGGCAACTACACG | AGAGGGTCAGGGCGAACAC |
| *LOC\_Os07g30540* | GGGTGGCGGCATACTTG | CCGTCCGTCCATCGACTT |
| *LOC\_Os07g30590* | TGCCCACGCTCTTGATG | TGGTGAAGGCACATTGCA |
| *LOC\_Os07g30600* | AAGGCAATGGGTGAGAT | CTTGGCGTAAGCAGAAA |
| *LOC\_Os07g30610* | GGGAGCCTCACCGTCATCT | TGCTGCGACAGAGCTTGTG |
| *LOC\_Os07g30620* | TTGCTCGCCTCGCTTGT | GACCTCGTTCACCGTTTGC |
| *LOC\_Os07g30630* | ACGCCAACAAGAAGATG | GCCAGTGTAAACCGAAA |