

## Appendix A Primers for quantitative real-time PCR (qRT-PCR)

Gene name	Forward primers	Reverse primers
T1_Unigene_BMK.25857 ( <i>PpNPR-1</i> )	TTCTCACTAAAGGAGCTCGTGCGT	GCAACTCCATGTGCAGATCATCAG
T4_Unigene_BMK.28220 ( <i>PpCOL9a</i> )	TCCTCAAAGCTTCTCATGGGAGAG	GTAGCTTCTGGTTCTGGCCTGGTT
T3_Unigene_BMK.26664 ( <i>PpCOL9b</i> )	CTTCCTCAATGCTTCTCATGGGAG	AGCTTTAATGAAGCGGCCCTTCAC
T3_Unigene_BMK.28469 ( <i>PpETR2</i> )	ACTATCGGTCTCTGGATCTTCA	ATGATCCCTTGCAGAAGAAGTGGT
T3_Unigene_BMK.29938 ( <i>PpEIN3b</i> ; Shi <i>et al.</i> 2019)	TTACCTCAGGTAAAGGGAGAGCTC	CCGGTATGGACAATTCAACTGATG
T2_Unigene_BMK.23830 ( <i>PpERF113</i> )	CCGTATTGTTAATCCTCAGACAGC	CGATGGTTGTGAATCATGTGATGC
T2_Unigene_BMK.26519 ( <i>PpMAPK16-L</i> )	ACAGACAGACAGGAGCAGTGGGAT	GCAGCAGGATATTGAGTTGGAGCA
T1_Unigene_BMK.24473 ( <i>PpTGA-2.1-L</i> )	GCTTCTGGTGAATCAATTGGAACC	CCATGGCCATTTGACCCATATAGT
T2_Unigene_BMK.19529 ( <i>PpCOL8</i> )	CACCACCACCACCACAAAGAACAA	ATCTGGTGGGCTTTCCTACTTCT
T1_Unigene_BMK.14783 ( <i>PpWRKY18</i> )	CCGGAGCCTGTAACCCTTGA	CCGCAGCTAAAGCCTGTGTG
T1_Unigene_BMK.19707 ( <i>PpP2</i> )	AGCGCGTTCGTATGGAAGGT	ACGAGCGATGCAGGACCATT
T3_Unigene_BMK.18258 ( <i>PpCYP7162</i> )	GCACGGTTGTTTGTGAGCCT	CCCGGGAAATCCAGAGGCAT
T3_Unigene_BMK.30443 ( <i>PpAKR1</i> )	TGGCGCTATGACGCTGAAAC	TTTCTCGCCGGCTACTTCGT
T2_Unigene_BMK.17090 ( <i>PpTIFY5A_1</i> )	ATGTGGTGTCTCCGCTGTGT	TGGAGATGTTGCTTGAGTCCGA

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T4_Unigene_BMK.21557	ATGTGGTGTCTCCGCTGTGT	TGGAGATGTTGCTTGAGTCCGA
( <i>PpTIFY5A_2</i> )		
T4_Unigene_BMK.22150	GCACCGTACCAAACGAGCAG	GGCAGCCAACCCTAACCAT
( <i>PpTIFY10A</i> )		

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