

23 **Supplementary Material**

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25 **Table S1.** Sequences of primer pairs used in this study.

Gene	Gene ID*	Forward primer (5'-3')	Reverse primer (5'-3')
<i>60S</i>	ZX.01G0099290	AGGTGGGTAACAGGATTATC	TGGCTGTCTTTTGGTGCTG
<i>PePAL1</i>	ZX.01G0111220	ACTGTCCTACATCGCTGGGC	AGCCGGAACCAACAGCAGTA
<i>PePAL2</i>	ZX.01G0088100	TGCCAGCACTTCAGTCTTCCA	GCATCCCCGCTCTCAACTGC
<i>PePAL3</i>	ZX.04G0029600	CGAGAAAACGCTGTACCTGG	GCGCCGTCCCATTCTTTCAG
<i>PePAL4</i>	ZX.01G0129760	CCACTCATGTCCAAAGCGCC	CGCGTGCTTCAGGTTCTCTT
<i>PePAL5</i>	ZX.01G0143260	CGAAGGAAGGGTTAGCTCTGGT	GGTAAGTGGGTCCGTGAACCTCA
<i>PeC4H1</i>	ZX.03G0020420	TCACCGTGTATGGCGAGCAT	TGGTGGCAGACTCGGGATTTC
<i>Pe4CL1</i>	ZX.06G0017620	CCAGCAACAGTCCAGATTCCG	CAATGAAAGTTGGTCTCGATCAA
<i>Pe4CL2</i>	ZX.04G0028470	ACCAGCAGAACTAGAAAGGCC	TAAGTGAAGTGTCCGGTGAGC
<i>Pe4CL3</i>	ZX.04G0030360	GAGCAAGGGAGTGGTGTGA	TGGAACATGGGCAGGAAACA
<i>Pe4CL4</i>	ZX.01G0130010	CGCAAGCCTCTTCTCTCTAA	TCTCTGTGTGTATCCAACCC
<i>Pe4CL5</i>	ZX.06G0000500	TGGCAGGGGAATCGCATCTT	CACAACCCACAAGTGCCTCA
<i>Pe4CL6</i>	ZX.06G0016980	ACAGTGATCAGGAATGCGGA	CACGTATCCAATGTGCGCTG
<i>Pe4CL7</i>	ZX.07G0017100	TGATCATCACCCAGGCTGCA	AGGCCACCACATCGTTAGGG
<i>PeCHS1</i>	ZX.04G0021390	TTGTGCTACTACTGGGGCGG	GCACACGAGCGCTCTATTG
<i>PeCHS2</i>	ZX.07G0016310	GGCCTCCGTCCATCTGTCAA	AGCACACCACCAAGACACGA
<i>PeCHS3</i>	ZX.01G0142510	GCCACAGTTCTTGCCATCGG	CTCAGTGTGTGCTCGCTCT
<i>PeUFGT1</i>	ZX.06G0024720	GAAGCAATTACCGCCGCCAT	ATGCCATGCCTTCCTTCCCA
<i>PeUFGT2</i>	ZX.01G0106770	GGAGCCTGCAAACGGACAAG	CCGCAGTGAGTCAAGAACGC
<i>PeGST1</i>	ZX.01G0030990	GGGGACTGATTTGCTGGGGA	GGTCTGGCTCAAACCCCATG
<i>PeGST2</i>	ZX.07G0009010	TGATCGTATGTCACAGCCATCA	TCCATCAACTATAGCTGGCACT
<i>PeGST3</i>	ZX.01G0115250	GGTGCTTGTTTCATGGCGGAA	GCTCGAATGCTTTACCACGGG
<i>PeGST4</i>	ZX.01G0034450	GCTGGTTTGGCTGGAGTTG	GCTCCTCGATAACAGCTGCA
<i>PeGST5</i>	ZX.01G0110720	CCTCCGCTAGATCCCCAAACA	GGGCTGGTGAAGAGTCTCT
<i>PeGST6</i>	ZX.01G0095820	TTTTGGACAAGAGCGTGCCG	GCTCGCTGAGAAAATGGGCC
<i>PeGST7</i>	ZX.01G0115940	AGCATTGGGTTTCGTGGACAT	AATCCTGTTAGCCCACTCGC

26 \* <http://ftp.cngb.org/pub/CNSA/data3/CNP0001287/CNS0275691/CNA0017758/>