

**S1 Table. Primers used for the qRT-PCR gene expression analysis.**

<b>Gene name</b>	<b>Poplar Gene ID (v 3.0)</b>	<b>Primer sequence</b>
<i>PtaJAZ3</i>	Potri.010G108 200	F;TAAGTGCAGACGCATGTGATCC R;GCGACCGGAAACATCTGGATTTC
<i>PtaRAP2.6</i>	Potri.001G067 600	F;ACCGACAATAACGTCCCAACGG R;TGACGACGGATTGATGGAGAGC
<i>PtaNRAMP1</i>	Potri.005G181 100	F;TGCACTGGTTGTAGCACTCTGC R;ACAGCTCTAGCTTCCTCACACC
<i>PtaNAS4</i>	Potri.004G193 400	F;ACTGCCTTGCCTGAAGAAGTGC R;CCTCGGCATGGCCACATAAATTG
<i>PtaXTR6</i>	Potri.006G170 100	F;TCTTGGTCAAGAGTGCTACCGAAG R;GCTTGTGGAAGATCCCAGTGAAAC
<i>PtaUGT71B2</i>	Potri.016G014 500	F;CAATGGCAATGGTCTGAGCC R;ATCTCATCGTGGTATGGCCC
<i>PtaMIPS</i>	Potri.005G078 700	F;GTGCGTTTGTGTGCGATTGTGG R;GCCATGTTACAACAGGCACACC
<i>PtaTIP1;3</i>	Potri.009G027 200	F;CCTCACAAAGGCTCCTCTTGTTC R;TTGCACGTTGCTTTGACAGTGC
<i>PtaCCR</i>	Potri.001G045 000	F;ACTTCCATGCCAAGGCCAAAC R;AATTCTTGGGATCAGCTGGGTTTC
<i>PtaB12D</i>	Potri.017G098 800	F;GCGTTGGATGAAACCAGAGGTC R;CAAACCTTGTTACACAGGTCATCGC
<i>PtaEFH</i>	Potri.017G086 200	F;GGCTGTGGAGTGGGAATCTG R;TTTGCTACATTCAGCTAAACTTGGA
<i>PtaC4H</i>	Potri.018G146 100	F;TTGGCATCGCCCAACATCCAAC R;TTTGGCGAAGATTCTCCGAGAGG
<i>PtaEXTL</i>	Potri.010G072 200	F;CCCTGATTGCTTAGGGACACCATC R;CGGCCACATTAGCATCGTTGAC
<i>PtaEXPB1</i>	Potri.003G083 200	F;ACTTTCATGGCCTTTGGTGGTG R;TTTGATTGCTTGCCACCTGGAC
<i>PtaCYCB2;4</i>	Potri.005G251 400	F;TGGTTACGCAGCAAAGAACG R;GGACAACCAATGAGAGACGGT
<i>PtaSAUR37</i>	Potri.006G278 100	F;ATCAAGAACCACTGCAGTTCTAC R;AGGAATCCTTAAGACACCTGCC
<i>PtaARF1AF</i>	Potri.008G100 000	F;TGGAGTGTCCGTCAAGTCAC R;GGGTTTTATCTCCGGCACCT
<i>PtaGH16</i>	Potri.006G071	F;CTGGAAACTCTGCCGGAAC

	200	R;GGTGGGGTTCGAACCAAAGAT
<i>PtaGRF</i>	Potri.014G020 100	F;ATACCCTGTAGTATACCCAAGCTC R;GTCACAGAATCCCGAGGCAG
<i>PtaEBF1</i>	Potri.006G068 500	F;CCAATGTGGATGTATACAGCC R;GCAACAGCAACCCTGTAGCTG
<i>PtaCDC2</i>	Potri.004G133 500	F;TGGAAACTCCCACCTGAGAC R;AAGCTTCAGCGCGTTGGTA
<i>PtaXTH23</i>	Potri.018G095 100	F;CCCAACTGCTGATTTCCACA R;GGCCCAATCTGTCTTGACCA
<i>PtaUBQ</i>	Potri.002G224 700	F;AGAGTGTGAGAGAGAGAAGAG R;CGACGACCATCAAACAAGAAG