

10.1071/FP14352\_AC

© CSIRO 2015

Supplementary Material: *Functional Plant Biology*, 2015, 42(7), 643–654.

### Supplementary Material

#### **Crosstalk among nitric oxide, calcium and reactive oxygen species during triterpenoid biosynthesis in *Betula platyphylla***

*Fansuo Zeng*<sup>A,B</sup>, *Kun Liu*<sup>B</sup>, *Sida Li*<sup>B</sup> and *Yaguang Zhan*<sup>A,B,C</sup>

<sup>A</sup>State Key Laboratory of Tree Genetics and Breeding, Northeast Forestry University, Harbin 150040, China.

<sup>B</sup>College of Life Science, Northeast Forestry University, Harbin 150040, China.

<sup>C</sup>Corresponding author. Email: youpractise@126.com

**Table S1. Sequences of primer pairs for quantitative real-time RT-PCR assay**

<b>Genes</b>	<b>Accession numbers</b>	<b>Primer F (forward primer)</b>	<b>Primer R (reverse primer)</b>
<i>HMGR</i>	KJ452334	5'-CCTCCTTCATCTACCTCCTTGGCT-3'	5'-CTTGATCATCTCCTCGTCCTCTTC-3'
<i>DXR</i>	KJ452335	5'-TGGGGTGATCCAAAAACGAT-3'	5'-GGAGTCCAAGAAGGAGACGG-3'
<i>SQS</i>	HQ404249	5'-GAGTGTGTGCGTGTGTTTCGTAG-3'	5'-AGAGACCTTGTTGAGCATGGTGT-3'
<i>BPY</i>	AB055512	5'-CTGCTCAGTTCCTTCAAGTC-3'	5'-TTGCCCATGCAGTATGTACC-3'
<i>CYP716A</i>	KJ452328	5'-AAGGAGTCTGTATTTGGGAATGT-3'	5'-GGCTAGAGACGTTTACATTGGG-3'
<i>CALM</i>	KJ452329	5'-TCATCTTTCTCGCCATTAGGTTC-3'	5'-CTGAGTTCAAGGAGGCATTCAGC-3'
<i>NIA</i>	KJ452330	5'-TTGTCGGAGTGTATGGCGTCAAAC-3'	5'-CGCAAACCAATCCCTGAAGAAGAGC-3'
<i>NOAI</i>	KJ197336	5'-CTTCTTGTTATGGGTGTGGGG-3'	5'-CAGTTCTAAGCTGGCGGTGTT-3'
<i>SODF</i>	KJ452331	5'-GTCTGCCTTTTTCTCCTTTCCCTCT-3'	5'-TCCCAATGCTGTTAATCCACTTGTC-3'
<i>SODM</i>	KJ452332	5'-AGTCGGTGCTCTTTGCTTTTCC-3'	5'-TTGCCACGGCGTCCTGTAG-3'
<i>SODC</i>	KJ452333	5'-CAGCATGCACAACAACCTGCCCTCC-3'	5'-TCCACTGGCCCTCATTTCAACCCC-3'
<i>HO</i>	KJ197335	5'-TTTCCCAGTCACGCTCCTATTT-3'	5'-TCATCTCCTCCACGAACCCCTT-3'
<i>β-actin</i>	EU588981	5'-TTGCTATCCAGGCTGTTCTC-3'	5'-TCAAGTTCCTGCTCATAGTCAA-3'