

Supplementary Material

Table S1: A list of primers for lignin associated genes

Lignin related genes		
	Primer	Sequence (5' -3')
PAL6	PAL6-F	CTCAAGCTCATGTCCTCCACA
	PAL6-R	TCAGCACCTTCTTCGACACC
C3H1	C3H1-F	GGCTGTGTCCACTTAATG
	C3H1-R	TGTCATCACTAAGGTCATAC
C4H1	C4H1-F	CAGCCTCCACATCCTCAAG
	C4H1-R	CTTAGGACGAGCGAACAATC
4CL1	4CL1-F	CACTCAGCCAGCCAGCAG
	4CL1-R	ACATTACACAAGCAGGAAGAACC
Reference genes		
Actin	ACT-F	GCCACACTGTTCCAATCTATGA
	ACT-R	TGATGGAATTGTATGTCGCTTC
ARF	ARF-F	CTGACGCCGAGGATATCCA
	ARF-R	GCCTTGACCATAACCAGTTCCA