

## Nitrogen deficiency results in changes to cell wall composition of sorghum seedlings

Reza Ramdan Rivai, Takuji Miyamoto, Tatsuya Awano, Rie Takada, Yuki Tobimatsu,  
Toshiaki Umezawa, Masaru Kobayashi

Gene name	Gene ID	Forward primer (5'→3')	Reverse primer (5'→3')
<i>CESA</i>	Sb02g010110	TAATGTTGCCAGCCTGTGGT	GAACACAGCAAAGAGGTGCG
<i>CSL</i>	Sb07g004110	CTCTCCTACAACCTGGCCGTG	GCCGCCTCACCATATCATCA
<i>Endo-1,4-β glucanase</i>	Sb01g008860	CAAGTTTGCCAGGTCACAGC	GCGCTTCGGGTACTTGTTC
<i>Pectate lyase</i>	Sb08g004905	CCACCATGGCCAGAGGTATG	CTCAGGAGCTTGGATAGCGG
<i>Glucan-1,3-β-glucosidase</i>	Sb03g045460	GGCTCACCTACACCAACCTG	GCCCCTGGTTGTACTTCCTC
<i>GAUT</i>	Sb01g012060	GCCGAGAGAGAAAAGCCGAG	TCAGGCGAGGTAATGGTGG
<i>EXP</i>	Sb03g038290	CAGTTCTAGCACGCCCTC	AGGAAATGCCTAAGCGGGTG
<i>XTH</i>	Sb10g028570	GATAAGTACCGCTTCCCGCA	CAAGTCATCATGCACACGGC
<i>GSL</i>	Sb04g038510	CTTATCAAACCTGCCGCCGTG	TGCGTCTCGAGAATCGACTG
<i>LAC</i>	Sb03g039970	CCTTCCTCAGCACAAGGAGC	CGAGGTTCCCGGTTGATCTC
<i>RG-I lyase</i>	Sb07g024560	AGGGAGAACGCGATAGCAAG	CAATCCCTGAAACGGGCTCT
<i>PAL</i>	Sb04g026520	CCAAAGTACAGCGGCTCAAG	CAAGAACATGCGCATTGCAG
<i>4CL/ Bmr2</i>	Sb04g005210	CATCTCCAAGCAGGTGGTGT	ATTGCACGTAACAAGGCACG
<i>CAD/ Bmr6</i>	Sb04g005950	TACCCTATGGTCCCTGGGC	GCCGTCAGTGTAGACATCGT
<i>C3'H</i>	Sb09g024210	ACCTTCTGCACCACTTCGAG	AGGCACCTCACATCTCAACG
<i>F5H/ CAld5H</i>	Sb01g017270	ATGGCGGAGATGATGCACAG	CGTCTCCTTGATGACGCACT
<i>COMT/ CAldOMT/ Bmr12</i>	Sb07g003860	TTAATGGCCTAGCCTGCCTC	CGCAGAGACAATTTCGACAGC
<i>PP2A</i>	XM_002453490	AACCCGCAAAACCCCAGACTA	TACAGGTCGGGCTCATGGAAC

**Supplemental Table S1.** List of primers used for reverse transcription-quantitative PCR analysis