

SUPPLEMENTARY TABLE S1. Primers used for gene expression analysis by qRT-PCR.

<i>Ipomoea batata</i> contigs	<i>Ipomoea batata</i> gene name	Forward primer	Reverse Primer
S_PBL_c17751	Kurene oxidase (<i>IbKO</i>)	GCATAGGAAAAGGCAGTGAGA	CGAGAGCAACCACCAAACC
S_PBL_c36353	Gibberellin 20-dioxygenase (<i>IbGA2Oox</i>)	TTTACAGCCCCTTTGTTTGC	GGCCAGCATAATCTTTAACTGTG
S_PBL_c51845	Gibberellin 3-beta-dioxygenase 4 (<i>IbGA3ox4</i>)	GAGCCCAACCTAGTGAAACAA	CCAGGACAGGGAGTTGTATAGG
S_PBL_c23111	Gibberellin 2-oxidase1 (<i>IbGA2ox1</i>)	AACGTCGGAGATTCTCTTCAGG	TGACAGCCTCGATTTTGCAC
S_PBL_c32	Gibberellin 2-oxidase 3 (<i>IbGA2ox3</i>)	CATATCCATAGCTCCCCACAA	CTGGGTGCTAGGGGAGATAGA
S_PBL_c13427	Gibberellin 2-oxidase8 (<i>IbGA2ox8</i>)	GTGGGGAAGGCAATATACGA	CGAGGGTATCGATATACACGTAA
S_PBL_c19593	Gibberellin insensitive dwarf1 (<i>IbGID1</i>)	TCCGGCTTAAGGAGGAAGTA	ACATCATGGATTTCCCAAAA
S_PBL_c1873	GA-insensitive (<i>IbGAI/RGA2</i>) / DELLA protein	ATTCTCCCCGGTTCACTTG	CGTCGTTCTCCTCCACTCTG
S_PBL_c36855	VASCULAR RELATED NAC-DOMAIN PROTEIN 075 (<i>IbNAC075</i>)	AAGAGCATCAGCTGTGTGGA	CAATTCTTGATCTGTTGGGTCA
S_PBL_c32341	VASCULAR RELATED NAC-DOMAIN PROTEIN 7 (<i>IbVND7</i>)	TAGAATGGAGCCATGGGACA	AGTTCCCGTCGGATACTTCC
S_PBL_c24252	SECONDARY WALL-ASSOCIATED NAC DOMAIN 2 (<i>IbSND2</i>)	GCCTGGTCTACCCGCCG	AGGATGAAGTTTCCGGCTGT
S_PBL_c504	XYLEM NAC DOMAIN1 (<i>IbXND1</i>)	ACGCTTTTTACGTCGGAGAG	TGGAAGCGGAATAATCGGAGAG
S_PBL_c4628	VND-INTERACTING2 (<i>IbVNI2</i>)	ACCATAACCATAACCATCTTC	AACTCAACTTCTCCATAACCACC
S_PBL_c17476	VND-INTERACTING2-like (<i>IbVNI2-like</i>)	ACCCTAGCTCAGGCTCAGAC	CCCTCGCCAAGAAGTCGTAG
S_PBL_c2312	Phenylalanine ammonia lyase (<i>IbPAL</i>)	GGATCCAAGAGTGCAGGTCC	CCTTGTCACATTCTCCCCG
S_PBL_c7605	Cinnamate 4-hydroxylase (<i>IbC4H</i>)	GCGGCAAGAAGTACAAGCTC	CTTGGCGTAATCGGTGAGAT
S_PBL_c18044	4-Coumarate-CoA ligase (<i>Ib4CL</i>)	CTGAGGATGAAGTTAAAGAGTTTGTG	GCCTGAGGGAGACTTTGGA
S_PBL_c17752	Hydroxycinnamoyl transferase (<i>IbHCT</i>)	CCGTCGCTTACAGCTCCTAC	CGGTGGCTATGTACAGCTTG
S_PBL_c2944	Caffeoyl-CoA-O-methyltransferase (<i>IbCCoAOMT</i>)	GAGGCACCCACAAGACTACG	TGGTTGTCTGATTCTCCGCC
S_PBL_lrc53688	Cinnamyl alcohol dehydrogenase (<i>IbCAD</i>)	GTCTTGGCGCAGACTCTTTC	TAATGGCACAACAGCGTGAT
S_PBL_c8137	Class I knotted 1-like homeobox (<i>KNOX1</i>) (<i>IbKN2</i>)	GCCAGGCAGAAGTTGCTTAG	CAGTGCCGTTTTCTTTGGTT
S_PBL_c31412	Class I knotted 1-like homeobox (<i>KNOX1</i>) (<i>IbKN3</i>)	CGCCTAGGTCCATAATCC	TATTTCAAGGCGGTCTCA
S_PBL_c543	Sucrose synthase (<i>IbSuSy</i>)	TACTGCATCCTTTCCCAAGC	AGCCATGCTCTCCTTGTCAT
S_PBL_c20112	Phosphoglucomutase (<i>IbPGM</i>)	TGAGAAGGATGCTTCCAAGA	GCCAGTGAATTCCTGCATCT
S_PBL_c18129	ADP-glucose pyrophosphorylase alpha subunit (<i>IbAGPa1</i>)	CAATTGGAATTGGCAGGAAT	TTTCCCTAGCTGCTTCTTGAAC
S_PBL_c54187	ADP-glucose pyrophosphorylase beta subunit (<i>IbAGPb1A</i>)	GATTGGGTAAAGACGTTGTCATC	CACGAATGGTTGCTTTCTCC
S_PBL_c3042	Granule-bound starch synthase (<i>IbGBSS</i>)	GGACGTGCTGAAGGTGATAA	CGAGAGCTCTGTGACATGC
S_PBL_c1370	Starch phosphorylase (<i>IbSP</i>)	GTGTGACACCAAGAAGATGGA	CGCAGTTCTGCCAACTTTTC
JX177360.1	Phospholipase D1a (<i>IbPLD</i>)	ATCGGAATCAGCAGTGATGG	ATGATGAGGCAAGCAGTGTG