

Table S1: Primer pairs used for amplification and quantitative detection of target sequences (genes)

Target	Primer Name	Forward primer sequence (5'→3')	Reverse primer sequence (5'→3')	Annealing Temperature	Reference
PCR					
ITS	ITS1-F/ITS4	CTTGGTCATTTAGAGGAAGTAA	TCCTCCGCTTATTGATATGC	54°C	White et al., 1990
RPBII	fRPB2-cF/fRPB2-11aR	ATGGG(T/C)AA(A/G)CAAGC(T/C)ATGGG	GC(A/C)TGGATCTT(A/G)TC(A/G)TC(C/G)ACC	54°C	Liu et al., 1999
TEF-1α	Ef1/ Ef2	ATGGGTAAGGAAGACAAGAC	GGAAGTACCAGTGATCATGTT	53°C	O'Donnell et al., 1998
IGS	CNS1/CNL12	CCAGAGTGCCGATACCGATT	GCTTAGYGAACAKGGAGTG	56°C	Appel and Gordon, 1995
Pg1	endoF/endoR2	CCAGAGTGCCGATACCGATT	GCTTAGYGAACAKGGAGTG	55°C	Hirano and Arie, 2009
Pg5	PG2F/PG2R	AGATGCAAGGCCGATGATGT	TCCATGTACTTCTCCTCACC	55°C	Hirano and Arie, 2009
Pgx1	PgxF/PgxR	TCGTGGGGTAAAGCGTGGT	TTACTATAGGTCGATCAGCC	57°C	Hirano and Arie, 2009
Pgx4	exoF2/exoR	TTACTGTCCACGAATGAGAAG	ACCCCAACCCCCCTCATCT	55°C	Hirano and Arie, 2009
SIX1	F/R	ATGGTACTCCTGGCGCCCTC	TGACAATGCGACCACGCTCG	54°C	Meldrum et al. 2012
SIX2	SIX2F2/ SIX2R2	CAACGCCGTTTGAATAAGCA	TCTATCCGCTTTCTTCTCTC	54°C	Lievens et al. 2009
SIX3	SIX3F1/ SIX3R2	CCAGCCAGAAGGCCAGTTT	GGCAATTAACCACTCTGCC	54°C	Lievens et al. 2009
SIX4	SIX4F1/ SIX4R1	TCAGGCTTCACTTAGCATAC	GCCGACCGAAAAACCTAA	54°C	Lievens et al. 2009
SIX5	SIX5F1/ SIX5R1	ACACGCTCTACTACTCTTCA	GAAACCTCAACGCGGCAAA	54°C	Lievens et al. 2009
SIX6	SIX6F1/ SIX6R1	CTCTCCTGAACCATCAACTT	CAAGACCAGGTGTAGGCATT	54°C	Lievens et al. 2009
SIX7	SIX7F1/ SIX7R1	CATCTTTTCGCCGACTTGGT	CTTAGCACCTTGAGTAACT	54°C	Lievens et al. 2009
SIX8	F/R	TCGCCTGCATAACAGGTGCCG	TTGTGTAGAACTGGACAGTCGATGC	55°C	Meldrum et al. 2012
SIX9	F/R	CTTCTAGCAGTTGTAGCCAC	GTACGCCATTGACGCAAG	54°C	Laurence et al. 2015
SIX10	F/R	AAAAAGCAGGCTCCATGAAGCTCTTGTTG	AGAAAGCTGGGTCTACTTAGACCTGGT AATTGTT	58°C	Laurence et al. 2015
SIX11	F/R	GATGTTCTCCAAAGCCATCC	AGAATGCCACTCGGTGTGA	54°C	Laurence et al. 2015
SIX12	F/R	CTAACGAAGTGAAAAGAAGTCCTC	GCCTCGCTGGCAAGTATTTGTT	54°C	Taylor et al. 2016
SIX13	F/R	CCTTCATCATCGACAGTACAACG	ATCAAACCCGTAACCTCAGCTCC	54°C	Taylor et al. 2016
SIX14	F/R	TTGCCACCTATGCATACCG	TCCACATTCTAAGCGAACC	54°C	Laurence et al. 2015
RT-PCR					
SIX1	F/R	CCCTCTCAATCCTTGGGTTT	TGGGATGCTGCCACTTTATC		In this study
SIX3	F/R	GCTGATGCCGATTCATCTCT	GGTGCTGAAGCTCGTAGTAAA		In this study

SIX6	F/R	GTGACCTTGTAGAGTGGAAGAC	CACAATGGTACCCAGATGATGA	In this study
SIX7	F/R	CTTTAGGCCCAACGAAAGGA	TCCGGTGCCGATACCTAATA	In this study
SIX10	F/R	AATTGCCGACTCTGGTGTATC	CTGTATGGCTCGTCTCGTTTAG	In this study

ITS	Internal Transcribed Spacer
TEF1- α	Translation Elongation Factor 1-alpha
RPBII	RNA polymerase II second largest subunit
IGS	Intergenic spacer
Pg1	Endopolygalacturonase
Pg5	Endopolygalacturonase
Pgx1	Exopolygalacturonase
Pgx4	Exopolygalacturonase
SIX	Secreted in xylem