Table 1 Suppl. Specific and degenerate primer sequences used for cloning fragments of *soluble acid invertase* (*SAI*), *cell wall acid invertase* (*CWAI*), *neutral invertase* (*NI*), *sucrose synthase* (*SS*), and *sucrose phosphate synthase* (*SPS*) genes.

Gene	Forward primers (5'-3')	Reverse primers (5'-3')
SAI	GTGGGGTGACATAGTTTGGGGA	AGGCTAGCCTTAACCACATG
CWAI	GAGATGGAGAATGGCTGTTGGTAGC	GGATTGGTCCAACTTGGGAC
NI	TCCTGCTTGGGTGGTTGANTKBATNCC	CTAGCAATCTCAGGCCTACCCRTYTTNAYRCA
SS	GTTCCTTTAGA(A/G)C(A/T)C(A/T)GATGG	TC(A/C)AG(T/C)CTTGCCAT(T/G)G(T/A)AAA
SPS	GGTGGTCAGGTAATGTTT	CGTTCCAGTATTGGGTCA

Table 2 Suppl. Primer sequences for real-time quantitative PCR.

Gene	Forward primers (5'-3')	Reverse primers (5'-3')	Product [bp]
DlSAI	TCCAATACAGACAACAACTACGC	ACCCACATAAGGCAACCAAG	100
DlCWAI	GCACAGGCAGACATTGAGAT	TTCCACTGAAGCACCCTTATG	117
DlNI-1	CGTTTCCTGTGAATGGTCTG	AATAAGTCCCACGCTTCGTC	139
DlNI-2	CAATCACGACTCTTCCAGACA	CCTCCTCCCAGAATAACAAGG	100
DlNI-3	ATGTTGCGGCTGAGAGAGAG	GGCACAAAGTCACGAATGAA	169
DlSS-1	TTCACTCTACCTGGACTCTA	GTGTTCCTTATTCTCAACC	186
DlSS-2	ATGACTTGTGGCCTTCCAAC	TCTGGTCAGGGTGATATGGA	106
DlSS-3	CAGGGACAGAGAAGAAGTTGC	GTTGGAAGCCCACAAGTCAT	222
DlSPS	GTTTTGGCATCCCGTTCCC	GTCCTTCATAATCTGTGTCCCC	112
DlActin	TGCTATCCTTCGGTTGGACC	CGGACGATTTCCCGTTCAG	93
DlEF1α	GATGATTCCCACCAAGCCCAT	GGGTCCTTCTTCTCAACACTCT	129