

Table 1 Suppl. Gene specific primers, accession numbers, sizes, and PCR conditions (F - forward, R - reverse).

Gene and accession No.	Size [bp]	Primer sequences	PCR conditions
Sucrose-phosphate synthase type 3 (<i>SPS3</i> , AF347065.1)	625	F: 5'-GGCATACCCCAAGCACCATAAG- 3' R: 5'-GGCCCCAGCTTTCTCACCAG- 3'	94 °C/2 min; 94 °C/50 s, 66.5 °C/40 s, 72 °C/35 s, 35cycles; 72 °C/5 min
Sucrose synthase type 1 (<i>SuSI</i> , AJ001117.1)	339	F: 5'-CATACACCGAGACTGACAAGAG- 3' R: 5' GAGCAGAGATCCAACGGATATG- 3'	94 °C/2 min; 94 °C/50 s, 60.5 °C/40 s, 72 °C/35 s, 35cycles; 72 °C/5 min
Vacuolar invertase (<i>VI</i> , AF069309)	940	F: 5'-GAGGAGCTGTACGTGATGAAG- 3' R: 5'-CGTGAAGATCTGGTTGTAGGAG- 3'	94 °C/2 min; 94 °C/50 s, 62°C/45 s, 72 °C/35 s, 35cycles; 72 °C/5 min
<i>18S rRNA</i>	663	F: 5'-GTCAGAGGTGAAATTCTTGATTTA- 3' R: 5'- AGGGCAGGGACGTAATCAACG- 3'	94 °C/2 min; 94 °C/50 s, 62°C/45 s, 72 °C/35 s, 35cycles; 72 °C/5 min