

Reference Gene Selection for Gene Expression Analysis in *Coffea arabica* L. under ABA and Gibberellin Treatments

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Table S1 - Parameters for Minimum Information for Publication of Quantitative Real-Time PCR Experiments (MIQE) according to Bustin et al. (2009)

Experimental design / Sample

Experimental group	Six-year-old plants of coffee (<i>Coffea arabica</i>)
Sample	Leaves
Sampling procedure	Immediately frozen in liquid nitrogen
Storage conditions / Time of storage	Freezer -80 °C / one month

RNA extraction

Processing procedure	Grinding (mortar and pestle) in liquid nitrogen
Method	Organic extraction, according to De Oliveira et al., 2015.
RNA: DNA-free	TURBO DNA-free™ Kit (Ambion, Thermo Fisher Scientific) - Catalog number: AM1907
Nucleic acid quantification	Spectroscopy (NanoVue GE Healthcare)
RNA integrity	Agarose gel (1 %)

Reverse transcription

Kit	High-Capacity cDNA Reverse Transcription Kit
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	(Applied Biosystems, Thermo Fisher Scientific) - Catalog number: 4368814
Reaction conditions	25 °C 10' / 37 °C 120' / 85 °C 5'
Reverse transcriptase	MultiScrib™ MuLV
Amount of RNA / Reaction volume	1 µg / 20 µL
Priming strategy	Random primers
Storage conditions of cDNA	Freezer -20 °C
RT-qPCR	
Target information	Table 1
Reaction conditions	Materials and Methods section
<i>In silico</i>	Primers were blasted using the BLAST tool at https://www.ncbi.nlm.nih.gov/
Empirical	Primer concentration of 1-2 µM (final concentration on the reaction) Annealing temperature: 60 °C
PCR efficiency	5-Fold dilution series of a mixed sample over at least five dilution points and verified to be higher than 85 % ($E = 10^{-1/\text{slope}}$).
Linear dynamic range	Samples are situated within the range of the efficiency curves for each primer
No template control (NTC)	Cq and dissociation curve verification
Data analysis	
Specialist software	Qiagen Rotor Gene-Q Series software (version 1.7)