Supplementary material

Table S1. Primers of genes analyzed by quantitative real-time reverse-transcription polymerase chain reaction.

Function	Gene	Primer Sequences	GenBank or TC TIGR* Accession Number
Reference genes	EF1 (EF1-α elongation factor)	5'-GAACTGGGTGCTTGATAGGC-3' 5'-AACCAAAATATCCGGAGTAAAAGA-3'	GU585871
	60SRP (60S ribosomal protein L18)	5'-ATCTACCTCAAGCTCCTAGTC-3' 5'-CAATCTTGTCCTCCTTTCCT-3'	XM_002270599
	39SRP (39S ribosomal protein L41)	5'-AACCAAAATATCCGGAGTAAAAGA-3' 5'-GACTGACTTCAAGCTTAAACC-3'	XM_002285709
Phenylpropanoid metabolism	PAL (Phenylalanine ammonia lyase)	5'-TCCTCCCGGAAAACAGCTG-3' 5'-TCCTCCAAATGCCTCAAATCA-3'	X75967
	STS (Stilbene synthase)	5'-AGGAAGCAGCATTGAAGGCTC-3' 5'-TGCACCAGGCATTTCTACACC-3'	FJ851185
Defense protein	CHIT4C (Chitinase class V)	5'-TCGAATGGGATGGTGGAAA -3' 5'-TCCCCTGTCGAAACACCAAG -3'	NM_001281244
	GLUC (β-1,3 glucanase)	5'-TCAATGGCTGCAATGGTGC-3' 5'-CGGTCGATGTTGCGAGATTTA-3'	DQ267748
	PR1 (pathogenesis-related protein 1)	5'- GGAGTCCATTAGCACTCCTTTG -3' 5'- CATAATTCTGGGCGTAGGCAG -3'	XM_002273752
	PR10 (pathogenesis-related protein 10)	5'- CGTTAAGGGCGGCAAAGAG -3' 5'- GCATCAGGGTGTGCCAAGA -3'	DQ396809
Detoxification and Stress tolerance	GST1 (Glutathione s-transferase 1)	5'- TGCATGGAGGAGGAGTTCGT -3' 5'- CAAGGCTATATCCCCATTTTCTTC -3'	NM_001281248
Arsenite recovery genes	PME25 (pectin esterase inhibitor)	5'-TGTCGGAGCTGAATGTGGA-3' 5'-CGATCCCGCTAAGCAGAGTTT-3'	XM_002273391.4
	MSR (Peptide methionine sulfoxide reductase))	5'-GCATTTGGGCGTGTAGATGG-3' 5'-GCTTCAGTGTGGCCTGTTCT -3'	XM_010662104.2
	WRKY (transcription factors)	5'-GGGCAGAAGGACATTCTTGGA -3' 5'-AGGGATCTTCATCCGAACGC -3'	XM_002272684.3
	HYD2 (ABA 8' hydroxylase 2)	5'-GAAGCTTGTTCTCCGAGCCT -3' 5'-TATTGATCGACCGGCCTTCC -3'	NM_001281052.1

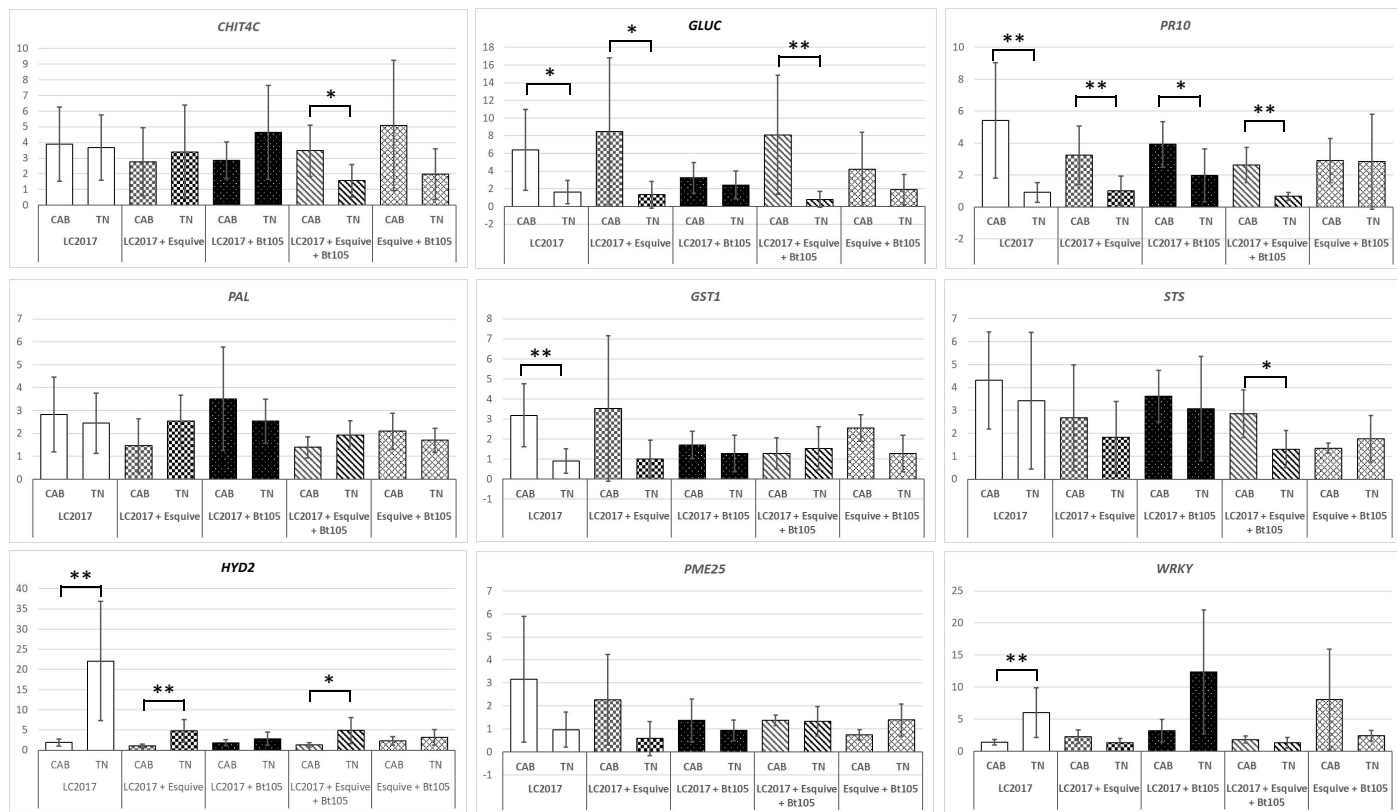* see http://www.jcvi.org/cms/research/projects/tdb/overview/

Figure S1: Comparison of the 9 targeted genes with induction values >2 recorded at T_0+5d on the different condition of treatments (LC2017 alone, LC2017 and Esquive) between Cabernet Sauvignon (CAB) and Touriga Nacional (TN) not infected or inoculated with *L. theobromae* (Bt105). The asterisk indicates a statistical significance (Mann-Whitney U test) between the medians of the two considered condition. *= $p<0.05$; **= $p<0.01$