

Supplementary Table 1- List of primers used to quantify the relative expression of target genes via RT-qPCR.

Gene ID	Annotation	Primer 5' - 3'	Tm (°C)
Glyma.11G228900	<i>CYP90A1</i>	Primer F: CCTGCTCGGAAAACACTCTC	60.0
		Primer R: GAGTTGGCGAAGCTCATTGT	60.4
Glyma.13G217400	<i>CYP710A</i>	Primer F: ATGGCTCAATCAGTCCCAAG	60.1
		Primer R: TCTGGGATGTCTGGAGGTTC	60.0
Glyma.08G204300	<i>ACSF3</i>	Primer F: ATCTCGGTGGAGCTCGAGTA	60.0
		Primer R: CCACTAAGCCAAATCCCAAG	59.6
Glyma.03G129700	<i>CBL</i>	Primer F: AGTTGTGTGCTGAGGGGTTC	60.2
		Primer R: GGAAGCATCATCCACCAAAG	60.5
Glyma.02G254600	<i>HCT</i>	Primer F: TTCCCAGACCAAAAGTCCAC	59.9
		Primer R: AAGAGGCATCCCTTTTGGAT	59.9
Glyma.16G032200	<i>ACSI</i>	Primer F: ATGAGTGGAGGGGCAACA	60.0
		Primer R: GGGTGGGAATCATAAAAGCA	60.6
Glyma.08G108800	<i>SAHH</i>	Primer F: CTATGAGAAGACCGGCGAAC	59.8
		Primer R: GAGACGCTCCTTCATCTTGC	60.1

Legend: **CYP90A1:** cytochrome P450, family 90, subfamily A, polypeptide 1; **CYP710A:** K09832 - cytochrome P450, family 710, subfamily A; **ACSF3:** malonyl-CoA/methylmalonyl-CoA synthetase, EC.6.2.1.3; **CBL:** cystathionine beta-lyase, (EC.4.4.1.8) -; **HCT:** Shikimate O-hydroxycinnamoyltransferase (EC.2.3.1.133); **ACSI:** 1-aminocyclopropane-1-carboxylate synthase (EC.4.4.1.14); **SAHH:** S-adenosylhomocysteinase hydrolase (EC.3.3.1.1).