

**S1 Table. Primer sequences for RT-qPCR validation of avocado microarray data.**

Gene	Seq ID	Forward primer (5'-3')	Reverse primer (5'-3')	Product size (bp)	Annealing temperature	Efficiency %
<i>LOX</i>	00275	TGTCGGACCTGATCCAAACTTGC	CCCAAAGTTGACTGCATGG	74	62.5 °C	99
<i>PR4</i>	06278	GACAGGAGCTCAGACAACAGTGAG	AGCCACCCTCATCCAAATCCAG	74	58 °C	92
<i>PR1</i>	01593	GCGGCTGGAAAGGTTTGT	GGGGCTGTAGTTGCAAGT	102	58 °C	97.6
<i>JAZ3</i>	03967	GCGATGGTGAAAGAGGAGAC	TGAAATGAGGAAGAGTTGAGACC	108	59.5 °C	95
<i><math>\alpha 1</math> tubulin</i>	02778	GGATGTAGTCTTCTCTGTTCCC	CAGTATGCCATTACCATGAATGC	122	58 °C	91.8

Primers were designed for *lipoxygenase 1 (LOX)*, *pathogenesis-related group-4 (PR-4)*, *pathogenesis-related group-1 (PR-1)*, *jasmonate ZIM-domain (JAZ3)* genes.  *$\alpha 1$  tubulin* was used as a reference gene. All genes had amplification efficiencies above 90% and amplified between 58 and 62.5°C.