Table S1. Primer sequences used for Quantitative Real-Time PCR (RT-qPCR) validation. This table provides the specific primer sets used to validate the expression profiles of 8 representative differentially expressed genes (DEGs) identified through RNA-seq analysis.

Primer	Sequence
F-real-Vitvi08g00298	GTGTCAGCGAAACGCAAA
R-real-Vitvi08g00298	ACAAGATGAACTGCCACCG
F-real-Vitvi19g02080	GATTGGGCAGTTTGGTGT
R-real-Vitvi19g02080	TGTGGTCTTCTCAATCCAGAG
F-real-Vitvi04g01220	GGGCGGAAATAGTTCTCA
R-real-Vitvi04g01220	TGATTCCCGTCTTCCCTT
F-real-Vitvi05g01500	CCACCAAACACAAGAAGCC
R-real-Vitvi05g01500	TCATCCTCATCCTTCTCCTC
F-real-Vitvi15g01090	CCCAAATCTCAGCCTATCTC
R-real-Vitvi15g01090	GCTCTGAGAATGCGTAGTGG
F-real-Vitvi01g00198	CTCTCATCTTCTTCGTCCTCTT
R-real-Vitvi01g00198	TGCTCATTCAAGTCTGGCA
R-real-Vitvi09g01589	CTCTCATCTTCTTCGTCCTCTT
R-real-Vitvi09g01589	GCTCATTCAAGTCTGGCAAA
R-real-Vitvi18g00905	ACAGTGATGGAGATGGGAGG
R-real-Vitvi18g00905	TGGAATCTCCCAGCCTGTT