

Table S3 Primer information for 5 stress responsive genes and a reference gene (*RPS9*) used for RNAseq validation using RT-qPCR.

Gene Name	Primer	Primer Sequence (5'-3')	Amplicon (bp)	Primer Efficiency (%)	R ²
acyl-protein thioesterase	For	AGGCAGATGACTTTGACGTT	104	98.5	0.99
	Rev	CACACAGGCACCATCATATT			
cathepsin b-2744	For	GGAATCGAAGTTACCACCAG	122	91.7	0.99
	Rev	CCGCTCAAAACCTAATGTCT			
heat shock protein 70 (<i>HSP70</i>)	For	ATTGTTGTCCAACCACTGGA	106	71.5	0.98
	Rev	CAGTGTTAAACAAGCGTTGG			
cuticular protein rr-1 motif 32	For	TCGTTAGACAATCGCAAGAA	120	119.6	0.99
	Rev	GAACAGCGTTATCAGTTCCA			
5'-nucleotidase (<i>5-ecto</i>)	For	TTGGCAAATGGTGGTAATAA	111	103.5	0.94
	Rev	GGGACTTATGGATTGCATGT			
40S ribosomal protein S9 (<i>RPS9</i>)	For	ACAGATTAAGAGGAACGATTA	95	75.5	0.97
	Rev	GGAAGAAGTTGAGGAAGG			