

Supplementary Table 1. Sequence of Primers used in the qRT-PCR analysis.

Gene	Function	Direction	5'-----3' Sequence
<i>Ubiquitin (UBI)</i> <i>LOC542322</i>	Endogenous control	Forward Reverse	AAGGCCAAGATCCAGGACAA TTGCTTTCCAGCGAAGATGA
<i>18S</i> <i>LOC100193210</i>	Endogenous control	Forward Reverse	TGTCCATCACTTGTGAAGCCTCCT ACGACCTTAGCCAATATCGCACCA
<i>CAT3</i> <i>LOC542370</i>	Removal of H ₂ O ₂ produced during fatty acid degradation	Forward Reverse	CTGCTGGAAACTATCCTGAGTG ATTGACCTCTTCATCCCTGTG
<i>DREB 2A/2.1S</i> <i>LOC732788</i>	Binding element proteins that respond to dehydration	Forward Reverse	GCAGCCCGGAAGGAAGAA GATGACAGCTGCCACTGACGTA
<i>ZmPP2C</i> <i>LOC542176</i>	Regulator in resistance to abiotic stresses	Forward Reverse	GGAAGCTCCGATAACATCACAGT TCTTTGTCGTGCGCTGATTTC
<i>SOD</i> <i>LOC100136885</i>	Converts the superoxide ion into H ₂ O ₂ .	Forward Reverse	HTGGAGCACCAGAAGATGA CTCGTGCCACCCTTTCC