

The survival and physiological response of *Calliptamus abbreviatus* Ikonn (Orthoptera: Acrididae) to flavonoid rutin and quercetin

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Table S1 Designed sequences of gene primers for real time PCR

Gene description	Sequence of primers (5' to 3')	
β-glucosidase	Forward Reverse	TCGGAAC TGGCTGCATCGATG CCTCGTACCAGCAGCTGAGC
UDP-glucuronosyltransferase 2B	Forward Reverse	CGTGATAGGAAGCCTCGTT TGTGGAAGTGGGAGAAGGA
cytochrome P450s 6k	Forward Reverse	ACAAGGAAGATGGCAGGA GGGCTCTACTCAATACTCCG
superoxide dismutase	Forward Reverse	ATTCTCAGTCCAGACACGG TCTCAGGGTAATGATGGTATCC
peroxidase	Forward Reverse	CCTGAGTGGTGTCTACGTGA GCAGCGACGCAGCTCATCGG
catalase	Forward Reverse	GGACTAGGGACGTTAGGCTA TAGACGTGAGGAGGGCGTGG
β-actin	Forward Reverse	CGTCATCTCTCACGGTTG TCTGGCACCACACCTTCTAC