**S1 Table. List of primers used for gene qRT-PCR.**

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| --- | --- | --- | --- |
| Namea | Forward primer | Reverse primer | Product size bpd |
| 16SRNAb | GCGTGGGTAGCAAACAGGAT | CGCGTTAGCTACGCTACCAAG | 101 |
| NGO1138 | ATTGGAAACCGCCTAAAGAA | TACAAACCCTACAACCGCAA | 116 |
| NGO1143 | GAAATTTATTAACACCTGCCGTAA | TTCCATACCGTCCGCTTT | 145 |
| NGO1142 | ATATAACGGCAGCATGTGGA | ACTATCCGGCCTGTTTCAAG | 111 |
| NGO1141 | GCAATCGATGGCGGTTA | CCAAATGTCATGTTTGATTCTTC | 121 |
| Intc | TTCCATCGTTAAGAGGGTG | CCGGTGCTTCTCAAGACAT | 76 |
| aPrimer names are the same as target gene accession number unless otherwise noted. | | | |
| b16SRNA primer specific for 16S rRNA genes. | | | |
| cInt primer positioned at 3` end of NGO1143 and 5` of NGO1142 genes. | | | |
| dExpected PCR amplicon size. | | | |