**Supplemental information**

**Table S1.** PCR primer sequences of interest genes for detecting levels of mRNA expression

|  |  |  |
| --- | --- | --- |
|  | Forward | Reverse |
| *ND1* | ATTACTTCTGCCAGCCTGAC | GGGTCCTAGGAAGATAATAGTTG |
| *Arg1* | AAGAATGGAAGAGTCAGTGTGGTG | TGGTTGTCAGGGGAGTGTTG |
| *Arg2* | TCTCCTCCACGGGCAAA | GCTGGACCATATTCCACTCCT |
| *Ass1* | CAGCCCAGATGTCCTTGAGATAG | TGTCAATGCGACCCACTCC |
| *Asl* | GCCATCCGGACCAGAAAA | TCGACAGCACCCACAAACC |