*Supplementary Table 1*. qPCR primers and probes

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| GeneID/  Symbol | Primer  Set | Sequence (5’ to 3’) | Product size |
| Bm7847 | F | AACGACAACCTCGTCAAACA | 69 bp |
| R | TCCGCCTAATTTAACGTCATC |
| Probe | (FAM)-CACGCATGAGCCATTCAATCGA-(BHQ) |
| Bm6220 | F | TGATGTTGACTGTCGCAGAA | 142 bp |
| R | AGTTTCACCGTCGATCCTTC |
| Probe | (FAM)-CCGTGTACCGGGTACATCAGTCGA-(BHQ) |
| Bm1750 | F | ACAGGATGCTAAAGAACATGCAGTAGA | 108 bp |
| R | GCGACATCCGCATTTGTCTGA |
| Probe | (FAM)-TCGCTGGTTGAACCACCTGCTGCCGA-(BHQ) |
| Bm4783 | F | ACCAACAGGGCCTACTAACATCAC | 79 bp |
| R | GGCAACGTAGCTGCGATAGG |
| Probe | (FAM)-CGGTTAGCAACTTCCGCCAGCTGCT  GC-(BHQ) |
| Bm4605 | F | CCAGATGAACCACTTCAACG | 62 bp |
| R | GGTCCTTGTGGTCCTTGTTC |
| Probe | (FAM)-TCCTGGTTCGCCCGGAGC-(BHQ) |
| Bm3390 | F | GTTAATGCGTAGCCGAGACC | 88 bp |
| R | ACGTTGTAACGCTGCTTGTC |
| Probe | (FAM)-CCCGGAATACCCTGAAGATTCCG-(BHQ) |
| Bm5185 | F | ATTCAAATCATCCAATCCCAA | 78 bp |
| R | TGCCACCTTTACTACCTCCA |
| Probe | (FAM)-CACCGCGCACTGATGGTGAC-(BHQ) |
| Bm4155 | F | CGTCGGTTAACACGCAAAGGTAAA | 108 bp |
| R | AACTTCTGCCTCAGATTGACTTGC |
| Probe | (FAM)-ACGTCGTCGCTCAACGGCTACCACG  G-(BHQ) |
| Bm4360 | F | TTCAAGCGAGAAGGTGCGGAT | 127 bp |
| R | TGATGTCGTTGATACGCATCGGA |
| Probe | (FAM)-ACAAGCTGGCGCTACGCGACGCT-(BHQ) |
| Bm1\_50575  NADH | F | TGGTACAAACCATCCCTCAA | 68 bp |
| R | CAAACAAAGTAAAGCCCAAAGA |
| Probe | (HEX)-TGCAGTTCTGTCCCTGTAGGCCA-(BHQ1) |
| Bm1\_49345  (Bm12920)  Histone H3 | F | AAATTGCAACGAATGTGTCC | 140 bp |
| R | ACGTTTCGCATGAATAGCAG |
| Probe | (HEX)-TTCCGCAGCTTCCTGTAGAGCTGA-(BHQ1) |