Table S3: List of primers used in this study.

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| **primer name** | **Forward Primer** | **Reverse primer** | **Process** |
| *qGmHAD1* | GTGACAACTGGGTCGTCGATGAT | CAGGTATAACTCTGGGGTGCAAG | Real-time qPCR |
| *qGmIPS1* | TGATAGTACCGGATTATCAAGG | CTGATAGGCATAGTTTGCAG | Real-time qPCR |
| *qGmPAP8* | GCATCATGGTAACACCGAAGA | TCCACCTCCACTTGTTATAAAG | Real-time qPCR |
| *qGmPAP12* | TCCATTATAGCAGTCCCTTTTGTG | TGGTTCCTCTACCCAGCCAAT | Real-time qPCR |
| *qGmIMPa* | TGTGTCTCCATCGGTCTTACA | CCTTTCCCACGAATTCCAGT | Real-time qPCR |
| *qGmPAP25* | AGCCATGGATGTGGAATGTGG | TGGAAGCCGAATAGGGAGTAGT | Real-time qPCR |
| *qGmENO2a* | TCGGGAAAGGTGTTCTCAAG | CCCCATTCATTAACAGTTCCA | Real-time qPCR |
| *qGmGDPD* | TCGGAGTGACTTCAAGATGC | TTGATGGCTCTCATTCTTCG | Real-time qPCR |
| *qGmRS3* | AACTGAAGCAATATCCCTTG | GACACCCTTGTAGCCAAAAT | Real-time qPCR |
| *qGmGOX* | CAGCAGCTGGCACAATCATG | TCTCACAAGCTGAGCAACCAC | Real-time qPCR |
| *qGmVTP* | GGCCCTCGTCTTCTCCTGTA | CCGCAATAATCAAACCGTAAA | Real-time qPCR |
| *qGmFerD1* | CTACTCATGCAGGGCTGGTTC | TTGTGGGTTTCAATGACAACG | Real-time qPCR |
| *qGmFerD2* | GAACTTCCCTACTCGTGCAGG | AGGTTGAGCAACACAGGTGAG | Real-time qPCR |
| *qGmFer1* | GCTGATGAGTCCGAATCTGC | TTGGCAAGTCCCTTGAGAGC | Real-time qPCR |
| *qGmRIB* | GGCGAGGAAGCCACATAGAG | CTGGCGACCAAGCTCATACT | Real-time qPCR |
| *qGmEno2b* | AGCCACAGGAGTGGTGAAAC | TGGTTGTACTTGGCAAGCCT | Real-time qPCR |
| *qGmEno2c* | ATGGCGAGTCACAGAAGTGG | GCACCAAGCTCCTCCTCAAT | Real-time qPCR |
| *qGmEno2d* | GAGCTCCATGCAGGTCTGAG | TAGTAGGGTTCAACGGGGGT | Real-time qPCR |
| *qGmUBQ13* | GTGTAATGTTGGATGTGTTCCC | ACACAATTGAGTTCAACACAAACCG | Real-time qPCR |