**Supplementary material**

**Supplementary Table 1. Sequences of Primers used in qPCR reactions.**

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| **Gene name** | **Gene accession** | **Sequence (5'-3')** |
| *ppiab* | ENSDARG00000103994 | **Fw:** CATCCACAACCTTCCCGAACAC |
|  |  | **Rv:** ACACTGAAACACGGAGGCAAAG |
| *tnfa* | ENSDARG00000009511 | **Fw:** ACCAGGCCTTTTCTTCAGGT |
|  |  | **Rv:** TTTGCCTCCGTAGGATTCAG |
| *sparcl1* | ENSDARG00000074989 | **Fw:** AACGAGGCTGAGAGCAAGGA |
|  |  | **Rv:** GCTGTGGCTGTGGGGATTAC |
| *uchl1* | ENSDARG00000026871 | **Fw:** GGCCAACAACCAGGACAGTA |
|  |  | **Rv:** CCTCATCAGCAACAGCATCA |
| *ube2v1* | ENSDARG00000041875 | **Fw:** GGTCAGAAGGGTGTTGGAGA |
|  |  | **Rv:** TCGTCACAAAACGGACAAAA |
| *marcksa* | ENSDARG00000004049 | **Fw:** ATGAAGCCAAGACGGATGGA |
|  |  | **Rv:** GCCACTGCTGGCTCAGTTTT |
| *marcksb* | ENSDARG00000008803 | **Fw:** CAAGCTGAGCGGTTTCTCCT |
|  |  | **Rv:** CCTCGGGTTCAGCATCTTTC |
| *bsg* | ENSDARG00000019881 | **Fw:** ATCAAGAGCACCCCCAACAA |
|  |  | **Rv:** CACTGGTGCCTTGACACTGG |
| *tubb5* | ENSDARG00000037997 | **Fw:** CAAACTCACCACCCCCACAT |
|  |  | **Rv:** GCTTGTCAGAGGAGCGAAGC |