|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene name | Gene ID (NCBI) | Sequence | Annealing temperature (°C) | Product length (bp) |
| *BoESP1* | LOC106296341 | 5‘-GCAGTTCCCAAGGTTCGAGA-3‘5‘-TTCCATACACGGTGGCAGTC-3’ | 54 | 410 |
| *BoESP2* | LOC106306810 | 5‘-AGCAAAGGCGGGGTTATGAA-3‘5‘-AACGCGTAACCCTCATTGGT-3‘ | 54 | 413 |
| *BoESP3* | LOC106325105 | 5‘-AAGGACCTGGACCAAGAAGC-3‘5‘-ACAGGGGTTTTGTTCGTCCC-3‘ | 54 | 415 |
| *BoSAND1* | KF218596 | 5‘-CGCCAATCTGCCTACCAAGA-3‘5‘-GGCCTCTGAACGTGTGGTAA-3‘ | 54 | 107 |
| *BoTUB6* | KF218597 | 5‘-CAATACCAAGACGCAACCGC-3‘5‘-ACGCTAGTCTCAGCAGCATT-3‘ | 54 | 99 |
|  | LOC106297542 | 5‘-AGAGGGACCAGGACCAAGAA-3‘ 5‘-GACCTCCCACTTCATCCAGC-3‘ | 54 | 323 |

Table S1: qPCR primer sequences, their annealing temperatures and the length of the resulting amplicon for *BoESP* transcript abundance.