Supplementary Table 2 - Primers used in the amplification of fatty acid biosynthetic and metabolism genes

|  |  |  |  |
| --- | --- | --- | --- |
| Locus | primer F | primer R | Genbank Numbers |
| FAB1 | CAACAATCCCGACCAGTTCTAC | GGTACGCAGAAAGGATTCATCT |  |
| FAB2 | AGCCCCTTTACCCCTCCAAGGGAGGTTC | AACGGAACGTTCACACTTTCCTT |  |
| FAD2-1 | AACAGTCAACATATGGGTGCAG | CACAGACTTAATAAGCATAGACATCCA |  |
| FAD2-2 | AACCCTGACCCACTCCAAC | TGTCGAATCATATCTTGTTACGG |  |
| FAD2-3 | GGTCACTAAACAATGGGTGCAG | ACGGTACCAATAGACACCATCC |  |
| FAD2-3\_internal | TAGCGATTACCAATGGCTTGAT | - |  |
| FAD3 | GTCAGAACCCATGGCGGTCACTT | TGACTGATTCTCCTATATTCCCAAC |  |
| FAD6 | CGATTGTAGTTTTGCATCAAGC | CATACATGTTGGTTTTTGCATGA |  |
| FAD7 | TAAAACGTTGTTGGGTGAAGG | ATTAAGCTTCGGATTGTTGGAG |  |
| FAD7\_internal | - | TGAAAACCATCAAACTTTCAGA |  |
| FAD8 | CCCTTCACATTGGCTGATATTAGAG | CCAACAACACTATTAAGTTTTTCATCA |  |
| FATA | ATTATTAGGTGTTATGAGGTCGGG | CCCATATGAGATTCAACTTTCTCA |  |
| FATB | TGGTAGCTATGAGTGCTACTGC | CACATTGTTRACATGYTGGTTG |  |
| FATB\_internal | CATATGAAATAGGGGCTGATCG | - |  |
|  |  |  |  |
| F2bacL1 | TAATCTTGGGGACTTAGGGAAG | AAAGGAGCTGTAAATTCCTTGG |  |
| F2bacL2 | AGTTTTAACACCCCCGGTTC | ATCTCCAAGTCGCTGCTGAT |  |
| COG | TGTTTCTCCGGTTTTCATGATT | CCAACAGCTGGACATACAAGAA |  |
| FAD2-1\_3' | AGGTTTTCGCAGGTCTAGGTTA a | AAGGAACGGAATGGACAGTGT a |  |
| U-box | AATCAAAGCAATGATTTCTATTTTGAG | TGTAGTACAATGCAAATTGGTAAGT |  |
| RPA | TGTGTTCTGTGGAAGATGAATTT | TGACAATCCTTGTTGGAACATT |  |
|  |  |  |  |
| c0025 | b | b | FJ373512-373535 |
| c1111 | b | b | FJ373536-373563 |
| c1351 | b | b | FJ373585-373613 |
| c2016 | b | b | FJ373704-373733 |
| c2307 | b | b | FJ373734-373760 |
| c5369 | b | b | FJ373785-373822 |
| c5456 | b | b | FJ373823-373851 |

a these are primers F14 and R13 in Schuppert et al. (2006)

b see Chapman et al. (2008)