Supplementary Table S1. Information on the primer pairs used for quantitative real-time PCR analysis, gene details and PCR efficiency (Eff)

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| Gene name | Gene symbol | GenBank Acc. number | Primer sequences 5’-3’ | Size (bp) | Eff (%) |
| Stearoyl-CoA desaturase | *SCD* | JN613287 | TCCCGACGTGGCTTTTTCTTCTCCTTCACCCCAGCAATACCAG | 205 | 92 |
| Fatty acid elongase 6 | *ELOVL6* | XR305072 | AGAACACGTAGCGACTCCGAAGATGACATGCCGACCGCCAAAGATAA | 182 | 86 |
| Fatty acid synthase | *FASN* | NM001099930 | GCAGGCGCGTGATGGGAATGGTGGCCCGAGCCCGAGTGGATGAGCA | 206 | 91 |
| Acetyl-CoA carboxylase alpha | *ACACA* | NM001114269 | CTGAGAGCTCGTTTGAAGGAATATTTACTAGGTGCAAGCCAGACAT | 281 | 91 |
| Leptin | *LEP* | GQ268935 | GGCCCTATCTGTCCTACGTTGAAGTGGAAGGCAGACTGGTGAGGAT | 237 | 95 |
| Peroxisome proliferator-activated receptor γ | *PPARG* | DQ437884 | GGCGAGGGCGATCTTGACAGGATGCGAATGGCCACCTCTTT | 148 | 96 |
| Malic Enzyme | *ME1* | X93016 | GCCGGCTTTATCCTCCTCTTCAAGTTTGGTCTGTATTTTCTGG | 223 | 86 |
| Retinoid X receptor γ | *RXRG* | NM001130213 | GGGGTTGGCTCCATCTTTGAACCTGCCCGGCTGTTCTG | 223 | 98 |
| Fatty acid binding protein 5 | *FABP5* | AY841270 | TCACCATCAAAACGGAGAGTGACGCATACCACCACTAAT | 210 | 95 |
| Fatty acid elongase 5 | *ELOVL5* | EU747336 | CTTGCCGGGGGATTTTGGTTGTTGCGCAGGATGAAGAAGAAGGTG | 223 | 97 |