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| No. | Gene Symbol | GenBank Accession | Amplicon Size | Primer 5'→3' |
| 1 | *SCD* | NM\_204890.1 | 197 bp | AGCAGAACGAGGCATGGTAG  TCAACACGAAGCACAGAATGG |
| 2 | *PLIN4* | NM\_001317088.1 | 248 bp | ACCACTACCTGCCTATGAC  CACGCCTTGCTTGAGATG |
| 3 | *RETSAT* | XM\_424187.6 | 225 bp | ACTACTACATCTACGCAGAC  GCTTATGGACTGGCTTGT |
| 4 | *FAM89A* | XM\_015284383.2 | 121 bp | CCGCAAGGAGATGGTTGG  GCAGTCCGCATTAGAGTCAG |
| 5 | *NPR3* | XM\_004937172.3 | 110 bp | CAGGGCAGGTGTCCATT  TCCATAGTAGTCTCCAATCAC |
| 6 | *ANXA1* | NM\_206906.1 | 132 bp | TATCTCTTCGCCAAGCAAT  ATAAGCACCTTCAGCAACA |
| 7 | *PNPLA3* | XM\_015291189.2 | 122 bp | AAGAAGAAGTTGTCCAGGCATTGAT  CTGAGGCAAGTTGTCACTGATTCC |
| 8 | *ABHD12B* | XM\_025151151.1 | 206 bp | CAAGAGCAAGGTGAAGTTC  TTACATACAGCAGCAGTAGG |
| 9 | *MAPK6* | NM\_001030549.1 | 127 bp | CGATTGACAGCAGAAGAAG  CATCCATCAGCAGAATATCATC |
| 10 | *GPC4* | XM\_015278449.2 | 225bp | GGCTGGTTACTGATGTGAA  TGTCTGGCTTGGTAATATCG |
| 11 | *DBNDD2* | XM\_015296738.2 | 171 bp | TCTTCTTCCCTGTGTCTCACCT  AAACGCTGCCCTCCTCTGTC |
| 12 | *S100A11* | NM\_205166.2 | 83 bp | GTGAAGGAGACAACCTCAAG  CTGATTCTTTGTGAAGGAAGC |
| 13 | *POSTN* | NM\_001030541.1 | 179 bp | AATCATCAAGCCAGCAGAA  CCTTATCGTCATCGGTCAA |
| 14 | *FGL2* | NM\_001079486.1 | 299 bp | GCCTCCTGAATATGAACAATG  GTTAGTGCTACCATCCTGAC |
| 15 | *ZBE2* | NM\_001318466.1 | 193 bp | CGCTGAAGACGAGAGTGCTATC  TTGACCATCTACAGAGGCTTGC |
| 16 | *CAV1* | NM\_001105664.2 | 210 bp | CCAAGCACCTCAACGACGA  GCAGGAATGACAAGATAGCAAAG |
| 17 | *ARL6IP5* | NM\_001012605.1 | 277 bp | TCTACTATCAGACCAACTACC  ATCAAGAGGAGAGGAAGAGT |
| 18 | *ITGAV* | NM\_205439.1 | 84 bp | ATGACGACCAGTTAGCAACCAGA  TGAAGTCTCCAACAGCCACAGAAT |
| 19 | *GSTT1L* | XM\_001231970.5 | 176 bp | ATCTCCTTGGCAGACCTC  GACACATTCTTGGCATTCAG |
| 20 | *VIM* | NM\_001048076.2 | 143 bp | TGAACCTGAGAGAAACCAACA  GCTTTACTCCAAGTCATCGT |
| 21 | *TBP* | NM\_205103.1 | 122 bp | GCGTTTTGCTGCTGTTATTATGAG  TCCTTGCTGCCAGTCTGGAC |

Table S2 Primer sequences used for qRT-PCR