**Supplementary file 9.** List of qRT-PCR primer sequences.

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| **Target genes** |  | **Primer sequences (5′ to 3′)** |
| Acetyl-CoA acetyltransferase | F | TGCAGCAGCACCATCACTTA |
| R | TACGCAAACTCCGACCAAGT |
| Hydroxymethylglutaryl-CoA synthase | F | TGCTGAACACAGGTGGAAGG |
| R | CAAGGGAGCGCCTATTGGAT |
| Hydroxymethylglutaryl-CoA reductase | F | GTTCGGACAAGAAAGCAGCG |
| R | TTCCACGCTGGTCTTCAACA |
| Mevalonate kinase | F | AACACCAGCCACCAATGCT |
| R | CAGCCTCAAGTCTGGTGAGTTT |
| Phosphomevalonate kinase | F | ACCAGTTCCCGGTTCTCCTA |
| R | TGCAGTGCCTGTACCAGAAG |
| Isopentenyl pyrophosphate isomerase | F | GCTGCATAGAGCTTTCAGCG |
| R | ACCTTTGTTGCAGATCGTTGC |
| Farnesyl pyrophosphate synthase | F | AAGCAGTCTGGAACTCGACC |
| R | TGAGGTTGTACAAATGTCAGGGT |
| Squalene synthase | F | GATGGGTGCAGGAATGGCTAA |
| R | TAAACCCAGCCCAACAAGTCC |
| Squalene epoxidase | F | TTCTACACCCTACGCAAGCC |
| R | GCTGGATCAGGAGATGCACA |
| Actin | F | TTGGACTGTGCCTCATCACC |
| R | CTTCCATCACCCTCGGCATT |