Supplementary materials

Primer sequences used for qRT-PCR

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Table. S1 Primer sequences used for qRT-PCR

| Gene   | Forward primer       | Reverse primer       |
|--------|----------------------|----------------------|
| act-1  | CAAGGAGTCATGGTCGGTGATG | TCAATTTGGGTACTTGAGGGGAAG |
| mdt-15 | CGTAGCAACAAACACAGGCAATCAAC | AACAGCAGCAAGTGCGAGAAAC |
| nhr-49 | GCCAGATGACGCACCCACAAG | GAATCCACCTCTGCAATCCGAAG |
| sbp-1  | AATCTGGGTTTGGCGGTGGC  | CGAGGCACTTTTTGTGTGAATGC |
| acs-2  | ATCGCCTCAATCCTCGTATC  | GATGGGTCAGGTGATGAGAATCC |
| daf-2  | CCACGACGACGACGACATCAC | GGCAGGGTTTCCTCATAGCAGTC |
| age-1  | GATTGCTGGACAGGACGGGAAC | GATCCCTTTGCCATTTCTCGGTCCTCC |
| daf-16 | GCTCTGCTGAAAGTCCCATCCTG | CGCTGGAATCCGTTCCAACCAGTAG |
| fat-5  | GCCCTCTCCTCTGTACTGTCTCAC | CTTCTCCGACTGCGCAGAATAGT |
| fat-6  | TCGGAGAGGGAGGTCACAAACTTC | CGGTCTGAGACAAGTCCAAGAGCC |
| fat-7  | ATCGTGGCCATCACAAGTTGGACTG | TTACGCAAAAGCCGATCCCATG |
| ogt-1  | TTCACATGCGGCTCGGATTGC | GATCAAGCGTGGATGAGTGGGTTC |
| oga-1  | GCACAGTTTCATTCCGCAATACC | ACCGCTGTCAGTCGCAATATTC |
| daf-15 | GCGGTGTCTCTGGTAGGTCGGTTC | TCGTCGTCATCGGAAAGAGTCGTC |