

Table S1. Primer sequences.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
β -actin	CCAGGAATTGCTGATCGTATGCAGAA	TGGAGAGGAAGCGAGGATAGA
Gst-4	CTGCAGAGGAAGAAGCTTAC	GATCAGCGTCACTCCATAG
Gst-25	CTACGCTACCATGATCTACC	GTTCTCTCCATTCTCGTAGG
Hsp-12.3	GAACGGGTATAAAAGGGGTC	CAACTCCATCTCCTTTCTGG
Hsp-12.6	GTGATGGCTGACGAAGGAAC	GGGAGGAAGTTATGGGCTTC
Dod-22	ACAAAGGACAAACGTGCAGC	ATTGCACCCCGGAAACTAC
Fat-7	CGAGCATTGCCAAGAAGAT	CCTGAGAACACATAGAGAGC
Ins-7	CAATTAGGTCCAGCAGAACC	CTCGATTTCGCATGCTTTTCC
Ins-23	CTGGCTCAAGTCACTGATGC	TCGAAGTTGCATATGTGGACGA
Rgba-1	TTGGGCACTCGACTTCCTTC	GCACAATATCCTGAGTTCGCG
Ugt-37	GACTGATGACTCTTCGATGG	GAGCACATCTAGATTCTGCC
Ugt-63	CGGCTCACAAACATGCAACA	GGGACGCTGGTGGAAATAGT

Gst, Glutathione S-transferase-4; Hsp, heat shock protein; Dod-22, downstream of DAF-16 protein DOD-22; Fat-7, δ (9)-fatty-acid desaturase fat-7; Ins, insulin-like peptide; Rgba-1, regulatory gene for behavioral aging-1; Ugt, UDP-glucuronosyltransferase.