

Supplementary material

Table S1. Gene expression probes used for the quantitative real time PCR analysis.

Gene	Description	Fw sequence	Rv sequence	Probe sequence
<i>fat-7</i> *	Delta(9)-fatty-acid desaturase fat-7	ACAAGTTAAGGAGCATGGAGG	TCTCCTTCCAGAAATAAACGGG	/56-FAM/CAGAGAAAG/Zen/CACTATTTCCCACTGGTCA/3IABkFQ/
<i>fat-5</i> *	Delta(9)-fatty-acid desaturase fat-5	CGTGTAGAAGGCGATGAAGG	GATTTGTACGAGGATCCGGTG	/56FAM/ACGACTGGA/Zen/ATGAAGGTGGGCA/3IABkFQ/
<i>acox-1</i> *	Acyl-coenzyme A oxidase	AGCAAACCTGGAAAGCGTAGG	AACAAGATACTCGGCAGTGAG	/56FAM/CGGGCGATG/Zen/AATGGGAAGAGACG/3IABkFQ/
<i>maoc-1</i> *	MAO-C-like dehydratase domain	CAGTAACCAATGTTTGTCTGG	TCATGGATTGTGCAGTCTGG	/56FAM/CTGCTTGGG/Zen/CTGGAAATGATTCTGAC/3IABkFQ/
Gene	Description	TaqMan Reference Gene Expression assay		
<i>daf-16</i> **	Fork-head domain-containing protein; Forkhead box protein O	Ce02422838_m1		
<i>daf-2</i> **	Insulin-like receptor subunit beta; Protein kinase domain-containing protein; Receptor protein-tyrosine kinase	Ce02444349_m1		
<i>sod3</i> **	Superoxide dismutase 3	Ce02404515_g1		
<i>xbp1</i> **	BZIP domain-containing protein	Ce02421281_g1		
<i>hsp4</i> **	Endoplasmic reticulum chaperone BiP homolog; Heat shock 70 kDa protein D	Ce02434874_g1		
<i>ire1</i> **	Endoribonuclease; Serine/threonine-protein kinase	Ce02435651_g1		
<i>skn-1</i> **	BZIP domain-containing protein; Protein skinhead-1	Ce02407447_g1		
<i>pmp-3</i> **	Peroxisomal Membrane Protein related	Ce02485188_m1		

* PrimeTime qPCR Probe Assays (Integrated DNA Technologies, Inc).

** TaqMan® Gene Expression Assays (Thermo Fisher Scientific).