

SUPPLEMENTARY TABLES

Supplementary Table 1. Ingredient composition of diet fed to SAMP8 mice.

Ingredient composition	Normal diet
Corn starch	46.23%
Dextrin	15.38%
Casein-vitamin free	13.89%
Sucrose	9.92%
Fructose	0.00%
Powdered cellulose	4.96%
Soybean Oil	3.97%
AIN 93M Mineral Mix	3.47%
AIN 93 Vitamin Mix	0.99%
Choline Bitartrate	0.23%
L-Cystine	0.17%
t-Butylhydroquinone	0.79%
Kcal/g	1.94

Supplementary Table 2. Primer sequences.

Gene symbols	Accession numbers	Primer sequences
β -ACTIN	NM_031144.3	ACAGGATGCAGAAGGAGATTAC ACAGTGAGGCCAGGATAGA
PGC-1 α	NM_133218.2	GTCTCGACACGGAGAGTTAAA G CTAGCCATGGATGGCCTATTT
SIRT1	NM_019812.3	GTTACTGCCACAGGAAGTAGAG GTAAGCGGCTTGAGGGTAAT
NRF1	NM_010938.4	GGGAGTCTTCATCAGCACTTAG CTGAACACATGGCTACCATAGA
TFAM	NM_009360.4	TTTCCAAGCCTCATTTACAAGC AAGACCTCGTTCAGCATATAACATT
COXII	LC061971.1	GCCGACTAAATCAAGCAACA CAATGGGCATAAAGCTATGG
18s rRNA	NR_003278.3	CATTCGAACGTCTGCCCTATCA GGGTCCGGAGTGGGTAATTTG
SOD	NM_013671	GTAGAGCCTTGCTGTCTTATG AAACCCAGAGGCACCATTAC
GPx	NM_008160.6	CGACATCGAACCTGACATAGAA CAGAGTGCAGCCAGTAATCA