

SUPPLEMENTARY TABLES

Supplementary Table 1. *C. elegans* strains used in this study.

Strain	Description
N2	Wild-type strain originally isolated from mushroom compost near Bristol, England.
CF1903	<i>glp-1(e2144)</i> III.
MQ887	<i>isp-1(qm150)</i> IV.
CF2189	<i>Is001</i> [Pskn-1::skn-1::GFP + rol-6(su1006)]
CL2166	<i>dvIs19</i> [pAF15(<i>gst-4</i> ::GFP::NLS)] III
CL2006	<i>dvIs2</i> [pCL12(<i>unc-54</i> /human Abeta peptide 1-42 minigene) + pRF4]
AM140	<i>rmIs132</i> [unc-54p::Q35::YFP]

Supplementary Table 2. Primer sets for RT-qPCR.

Gene	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')	Ref.
<i>gst-4</i>	CCCATTTTACAAGTCGATGG	CTTCCTCTGCAGTTTTTCCA	[3]
<i>gst-5</i>	GGTAAGAAGCTTGCTCAATC;	AATGCTGGAAGGAAGATGTC	[4]
<i>gst-10</i>	GTCTACCACGTTTTGGATGC	ACTTTGTCGGCCTTTCTCTT	[3]
<i>gcs-1</i>	AATCGATTCTTTGGAGACC	ATGTTTGCCTCGACAATGTT	[3]
<i>act-1</i>	TCGGTATGGGACAGAAGGAC	CATCCCAGTTGGTGACGATA	[3]

Supplementary Table 3. Lifespan data in 4A.

Experiment	Genotype	Treatment	Death (censored)	Medium survival	P Values
1	N2 wild-type	ctrl	88(12)	22	<0.0001
	N2 wild-type	glucose	67(27)	16	
	<i>isp-1(qm150)</i>	ctrl	98(7)	28	
	<i>isp-1(qm150)</i>	glucose	63(23)	16	
2	N2 wild-type	ctrl	98(10)	24	<0.0001
	N2 wild-type	glucose	87(31)	17	
	<i>isp-1(qm150)</i>	ctrl	93(14)	27	
	<i>isp-1(qm150)</i>	glucose	82(36)	17	

Supplementary Table 4. Lifespan data in 4B.

Experiment	Genotype	Treatment	Death (censored)	Medium survival	P Values
1	N2 wild-type	ctrl	93(16)	24	<0.0001
	N2 wild-type	glucose	66(22)	16	
	<i>glp-1(e2144)</i>	ctrl	99(14)	30	
	<i>glp-1(e2144)</i>	glucose	61(35)	16	
2	N2 wild-type	ctrl	78(30)	23	<0.0001
	N2 wild-type	glucose	57(44)	15	
	<i>glp-1(e2144)</i>	ctrl	82(23)	29	
	<i>glp-1(e2144)</i>	glucose	72(31)	17	

Supplementary Table 5. Lifespan data in 4C.

Experiment	Genotype	Treatment	Death (censored)	Medium survival	P Values
1	N2 wild-type	ctrl	93(14)	21	<0.0001
	N2 wild-type	glucose	66(25)	15	
	N2 wild-type	PQ+ctrl	85(11)	27	<0.0001
	N2 wild-type	PQ+glucose	69(27)	15	
2	N2 wild-type	ctrl	85(16)	22	<0.0001
	N2 wild-type	glucose	57(39)	16	
	N2 wild-type	PQ+ctrl	86(22)	28	<0.0001
	N2 wild-type	PQ+glucose	64(40)	16	

PQ: paraquat (1mM), glucose