

Table S3

	Strain	n	Mean survival (hours)	p value
7C	N2	22	12.5	
	<i>atx-3(gk193)</i>	40	17	<0.0001
	<i>daf-16(mu86)</i>	28	13	0.5924
	<i>gk193;mu86</i>	47	13	0.4253 ⁺
	<i>daf-2(e1370)</i>	50	nd*	
7D	N2	49	17	
	<i>atx-3(gk193)</i>	37	19	0.0014
	<i>daf-16(mu86)</i>	51	16	0.7899
	<i>gk193;mu86</i>	22	17	0.2199 ⁺
	<i>daf-2(e1370)</i>	49	nd*	
7E	<i>daf-16</i> rescue + <i>l 4440</i>	140	14	
	<i>daf-16</i> rescue + RNAi(ATX-3)	202	16	<0.0001
7F	N2 + L4440	157	21	
	<i>atx-3(gk193)</i> + L4440	126	23	<0.0001
	N2 + RNAi(HSP-16.2)	151	19	0.04
	<i>atx-3(gk193)</i> + RNAi(HSP-16.2)	132	17	<0.0001 [∇]
7G	N2 + L4440	152	14	
	<i>atx-3(gk193)</i> + L4440	87	16	<0.0001
	N2 + RNAi(C12C8.1)	137	14	0.0086
	<i>atx-3(gk193)</i> + RNAi(C12C8.1)	111	14	0.0035 [⊗]
7H	N2 + L4440	91	13	
	<i>atx-3(gk193)</i> + L4440	42	15	0.0004
	N2 + RNAi(F44E5.5)	133	13	0.19
	<i>atx-3(gk193)</i> + RNAi(F44E5.5)	115	13	0.4021 [#]

⁺compared to single mutant *daf-16(mu86)*

[∇]compared to N2 in RNAi(HSP-16.2)

[⊗]compared to N2 in RNAi(C12C8.1)

[#]compared to N2 in RNAi(F44E5.5)