

Table S5: Effect of *tcer-1* reduction of function on the extended lifespans of other longevity mutants.

Genotype	RNAi treatment (if applicable)	Trial	Mean LS \pm SEM (days)	Events/ Obs ^a	% of RNAi control lifespan ^b	P vs. control
<i>daf-2(e1370)</i>	Control	1**	45.6 \pm 1.5	58/77		
	<i>tcer-1</i>		47.5 \pm 2.0	45/63	104.1	0.12
	<i>daf-16</i>		16.2 \pm 0.1	45/73	35.5	<0.0001
	Control	2	43.9 \pm 1.9	59/90		
	<i>tcer-1</i>		38.3 \pm 0.5	53/84	87.2	0.3
	<i>daf-16</i>		20.7 \pm 0.5	79/80	47.1	<0.0001
<i>daf-2(e1368)</i>	Control	1**	31.0 \pm 1.3	47/76		
	<i>tcer-1</i>		32.0 \pm 0.8	41/75	103.2	0.54
	<i>daf-16</i>		19.7 \pm 0.4	35/69	63.5	<0.0001
	Control	2	28.9 \pm 0.6	57/91		
	<i>tcer-1</i>		27.4 \pm 0.7	57/90	94.8	0.95
	<i>daf-16</i>		20.0 \pm 0.2	58/90	69.2	<0.0001
<i>daf-2(mu150)</i>	Control	1	29.9 \pm 0.7	78/105		
	<i>tcer-1</i>		29.3 \pm 0.6	88/105	97.9	0.28
	<i>daf-16</i>		16.1 \pm 0.4	73/105	53.8	<0.0001
<i>eat-2(ad1116)</i>	Control	1	26.1 \pm 0.3	79/87		
	<i>tcer-1</i>		29.0 \pm 0.5	79/88	111.1	<0.0001
	<i>daf-16</i>		24.6 \pm 0.5	67/85	94.2	0.08
	Control	2	27.1 \pm 1.1	57/91		
	<i>tcer-1</i>		25.7 \pm 0.8	64/95	94.8	0.2
	Control	3 ^{##}	26.5 \pm 0.4	59/72		
	<i>tcer-1</i>		27.2 \pm 0.5	40/71	102.6	0.2
<i>isp-1(qm150)</i>	Control	1 [#]	24.1 \pm 0.5	39/91		
	<i>tcer-1</i>		26.1 \pm 0.5	52/90	108.2	0.0005
	<i>daf-16</i>		19.7 \pm 0.5	55/90	81.7	0.05
<i>daf-2(e1370)</i>		1*	47.2 \pm 0.7	91/103		
<i>tcer-1(tm1452); daf-2(e1370)</i>			46.6 \pm 0.6	58/102	98.7	0.43
<i>daf-2(e1370)</i>		2	41.6 \pm 0.5	92/120		

<i>tcer-1(tm1452); daf-2(e1370)</i>		42.5 ± 0.4	70/126	102.1	0.2
<i>daf-2(e1368)</i>	1*	33.1 ± 0.4	75/103		
<i>tcer-1(tm1452); daf-2(e1368)</i>		31.3 ± 1.8	57/100	94.5	0.1
N2		16.7 ± 0.1	70/113		
<i>daf-2(e1368)</i>	2	26.6 ± 0.7	91/132		
<i>tcer-1(tm1452); daf-2(e1368)</i>		23.3 ± 0.5	75/136	87.5	0.2

LS: Lifespan; SEM: Standard error of the mean.

^a Some animals were censored as described in Materials and Methods.

^b Control refers to worms exposed to empty vector plasmid without an RNAi insert (in RNAi experiments).

*, **, #, ## Experiments depicted in Figures 6A, B, F and G, respectively.