

**Ratnappan et al., REVISED. Table S6:** Mitochondrial fatty-acid  $\beta$ -oxidation genes regulated by NHR-49 are required for the increased longevity of germline-less animals

			S6A: RNAi Inactivation in Germline-Less Adults					S6B: RNAi Inactivation in Wild-Type* Adults			
#	Enzyme Encoded	Gene	Cosmid	n = obs/total <sup>b</sup>	Mean $\pm$ SD	P (vs Control <sup>b</sup> )	Percent Effect on Lifespan	n = obs/total <sup>b</sup>	Mean $\pm$ SD	P (vs Control <sup>b</sup> )	Percent Effect on Lifespan
		Empty Vector Control <sup>a</sup>		57/67	26.02 $\pm$ 0.95	0.00	0	64/65	15.06 $\pm$ 0.52	0.00	
		<i>daf-16</i>	R13H8.1	72/73	16.14 $\pm$ 0.52	0.00	- 38				
		<i>tcer-1</i>	ZK1127.9	62/65	18.75 $\pm$ 0.65	0.00	- 28				
		<i>daf-2</i>	Y55D5A.5					65/69	19.41 $\pm$ 0.8	0.00	+ 29
1	Acyl CoA Synthetase	<i>acs-2</i>	F28F8.2	62/63	22.52 $\pm$ 0.99	0.0216	- 13	78/80	13.8 $\pm$ 0.34	0.03	-8.00
2	Acyl CoA Synthetase	<i>acs-17</i>	C46F4.2	61/63	19.38 $\pm$ 0.75	<0.0001	- 26	65/72	13.78 $\pm$ 0.45	0.09	-8.00
3	Acyl CoA Synthetase	<i>acs-22</i>	D1009.1					54/54	12.98 $\pm$ 0.48	0.01	-14.00
4	Carnitine Palmiloyl Transferase	<i>cpt-2</i>	R07H5.2	43/45	23.01 $\pm$ 0.91	0.0027	- 12	59/62	14.22 $\pm$ 0.31	0.13	-5.00
5	Acyl CoA Dehydrogenase	<i>acd-11</i>	Y45F3A.3	57/60	22.05 $\pm$ 0.91	0.0015	- 15	37/37	13.38 $\pm$ 0.63	0.05	-11.00
6	Enoyl CoA Hydratase	<i>ech-7</i>	Y105E8A.4	68/69	20.47 $\pm$ 0.88	0.0001	- 21	54/59	14.34 $\pm$ 0.58	0.44	-5.00
7	Hydroxyl Acyl CoA Dehydrogenase	<i>hacd-1</i>	R09B5.6	67/67	21.00 $\pm$ 0.92	0.0008	- 19	64/69	15.26 $\pm$ 0.55	0.65	ne
8	HADHA	<i>ech-1.2</i>	T08B2.7	65/66	22.39 $\pm$ 0.92	0.0055	- 14	40/40	13.85 $\pm$ 0.71	0.28	-8.00
9	Thiolase	<i>acaa-2</i>	F53A2.7	63/64	23.97 $\pm$ 0.92	0.06	- 8	58/62	13.94 $\pm$ 0.63	0.35	-7.00