

Amrit et al., Table S6: Effect of *fasn-1*, *acs-22* and *dgat-2* mutations on lifespan of wild type worms a

Strain	Trial1						
	n= Obs/Tot	Mean \pm SEM	% impact on <i>glp-1</i> lifespan	P vs. <i>glp-1</i>	P vs. N2	n= Obs/Tot	Mean \pm SEM
N2 (Wildtype)	76/91	16.7 \pm 0.7				39/84	20.0 \pm 0.3
<i>glp-1</i>	76/85	26.5 \pm 0.5			<0.0001	73/76	24.5 \pm 0.9
<i>fasn-1</i>	62/75	19.1 \pm 0.6		<0.0001	0.13	63/68	21.4 \pm 0.3
<i>fasn-1;glp-1</i>	84/88	18.0 \pm 0.8	-32	<0.0001	0.12	76/84	20.2 \pm 0.8
<i>dgat-2</i>	75/88	22.6 \pm 0.6		<0.0001	<0.0001	59/82	23.8 \pm 0.2
<i>dgat-2;glp-1</i>	52/61	28.5 \pm 1.0	+7	0.64	<0.0001	79/86	28.8 \pm 0.3
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N2 (Wildtype)	69/100	17.0 \pm 0.7				57/74	19.3 \pm 0.5
<i>glp-1</i>	92/96	21.0 \pm 0.9			<0.0001	105/105	21.6 \pm 0.9
<i>acs-22</i>	72/83	19.1 \pm 0.5		<0.0006	0.1	83/102	18.8 \pm 0.3
<i>acs-22;glp-1</i>	97/103	23.6 \pm 0.6	+12	0.87	<0.0001	94/110	26.0 \pm 0.2

and <i>glp-1</i> mutants		
Trial 2		
% impact on <i>glp-1</i> lifespan	P vs. <i>N2</i>	P vs. <i>glp-1</i>
	0.04	
	0.19	0.004
-17.5	<0.0001	0.18
	0.0001	0.05
+17.5	<0.0001	0.12
	0.007	
	0.19	0.004
+20.3	<0.0001	0.18