

Supporting Table S2: Measurements of total cholesterol contents and statistics

Treatment	Genotype	Cholesterol level Mean \pm SEM	Maximum cholesterol level	p-values vs. control	Mean cholesterol level change
Regular NGM (5μg/ml cholesterol)	Wild type (N2) (Control)	1.000 \pm 0.019 (n=19) [#]	1.190		
	<i>clk-1(qm30)</i>	1.057 \pm 0.046 (n=18)	1.681		
	<i>tat-2(qm179)</i>	1.098 \pm 0.021 (n=16)	1.319	P=0.0015	+0.098
	<i>clk-1(qm30); tat-2(qm179)</i>	1.230 \pm 0.032 (n=16)	1.559	P<0.0001	+0.230
Low cholesterol (2μg/ml)	Wild type (N2) (Control)	1.042 \pm 0.041(n=16)	1.302		
	<i>clk-1(qm30)</i>	1.061 \pm 0.031 (n=16)	1.359		
	<i>tat-2(qm179)</i>	0.987 \pm 0.018 (n=16)	1.097		
	<i>clk-1(qm30); tat-2(qm179)</i>	1.311 \pm 0.029 (n=16)	1.654	P<0.0001	+0.269
High cholesterol (50μg/ml)	Wild type (N2) (Control)	1.349 \pm 0.047(n=16)	1.660		
	<i>clk-1(qm30)</i>	1.601 \pm 0.049 (n=16)	1.937	P=0.0008	+0.252
	<i>tat-2(qm179)</i>	1.319 \pm 0.047 (n=16)	1.655		
	<i>clk-1(qm30); tat-2(qm179)</i>	1.314 \pm 0.014 (n=16)	1.401		

[#]All cholesterol levels were normalized to the wild type at 5 μ g/ml of cholesterol supplementation. This wild type concentration was 0.056 μ M.