

Table S4 – Life span data from *mdt-15(tm2182)* animals treated with FLA.

Exp #	Strain	Treatment	Median	Mean +/- SEM	p-value (vs DMSO treated)	N
1	N2	DMSO				
		Fed	20	20.05 +/- 0.66		57
		DMSO BD	25	25.57 +/- 0.89		117
		FLA Fed	9	9.00 +/- 0.25	p>0.0001	70
1	<i>mdt-15(tm2183)</i>	FLA BD	6	6.48 +/- 0.14	p>0.0001	142
		DMSO				
		Fed	22	20.26 +/- 0.53		62
		DMSO BD	31	31.37 +/- 1.1		107
10	N2	FLA Fed	15	13.63 +/- 0.34	p>0.0001	73
		FLA BD	16	16.91 +/- 0.36	p>0.0001	119
		DMSO				
		Fed	17	19.03 +/- 0.65	NA	62
10	<i>mdt-15(tm2183)</i>	DMSO BD	20	21.00 +/- 1.07	NA	20
		FLA Fed	10	8.83 +/- 0.33	p>0.0001	40
		FLA BD	5	5.32 +/- 0.61	p>0.0001	77
		DMSO				
10	<i>mdt-15(tm2183)</i>	Fed	20	18.8 +/- 0.93	NA	41
		DMSO BD	27	26.91 +/- 1.09	NA	58
		FLA Fed	15	13.89 +/- 0.35	p>0.0001	74
		FLA BD	15	14.41 +/- 0.37	p>0.0001	58
Total	N2	DMSO				
		Fed	20	20.39 +/- 0.54	NA	119
		DMSO BD	23	24.87 +/- 0.78	NA	137
		FLA Fed	9	8.94 +/- 0.22	p>0.0001	90
Total	<i>mdt-15(tm2183)</i>	FLA BD	6	6.08 +/- 0.10	p>0.0001	219
		DMSO				
		Fed	20.5	19.69 +/- 0.49	NA	103
		DMSO BD	30	29.81 +/- 0.84	NA	165
Total	<i>mdt-15(tm2183)</i>	FLA Fed	15	13.76 +/- 0.25	p>0.0001	141
		FLA BD	16	16.10 +/- 0.28	p>0.0001	177

Life span data from individual and pooled experiments. Statistical significance was evaluated by a Wilcoxon Rank-Sum test.