

Table S1. Summary of lifespan experiments and longevity statistics.

							Log Rank Value				
Fig. 2a	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(-)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^L /Tub ^{Gal4} RU486(-)	UAS foxo ^L /Tub ^{Gal4} RU486(+)	Total Animals Died/Total	
	UAS foxo ^H /Tub ^{Gal4} RU486(-)	52.50	1.64	58.00	1.40	100.00	78.00	0.00	0.53	110/110	
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	10.70	0.20	11.00	0.21	18.97	20.00	0.00	0.00	273/273	
	UAS foxo ^L /Tub ^{Gal4} RU486(-)	66.90	2.28	68.00	3.16	117.24	86.00	0.00	0.00	40/40	
	UAS foxo ^L /Tub ^{Gal4} RU486(+)	46.20	1.82	46.00	1.93	79.31	80.00	0.53	0.00	117/117	

							Log Rank Value				
Fig. 3d	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^H /Tub ^{Gal4} RU486(+) PR	UAS foxo ^H /Tub ^{Gal4} RU486(+)	Total Animals Died/Total		
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	10.70	0.20	11.00	0.21	100.00	20.00	0.18	273/273		
	UAS foxo ^H /Tub ^{Gal4} RU486(+) PR	10.49	0.22	10.00	0.35	90.91	16.00	0.00	193/193		
	UAS foxo ^H /Tub ^{Gal4} RU486(+) CR	6.80	0.24	7.00	0.34	63.64	12.00	0.00	118/118		

							Log Rank Value				
Fig. 3e	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^L /Tub ^{Gal4} RU486(+)	UAS foxo ^L /Tub ^{Gal4} RU486(+) PR	UAS foxo ^L /Tub ^{Gal4} RU486(+)	Total Animals Died/Total		
	UAS foxo ^L /Tub ^{Gal4} RU486(+)	46.20	1.82	46.00	1.93	100.00	80.00	0.73	117/117		
	UAS foxo ^L /Tub ^{Gal4} RU486(+) PR	49.18	1.48	50.00	2.28	108.70	78.00	0.00	120/120		
	UAS foxo ^L /Tub ^{Gal4} RU486(+) CR	25.13	0.84	26.00	1.17	56.52	42.00	0.00	120/120		

							Log Rank Value				
Fig. 3f	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^H /Tub ^{Gal4} RU486(+) SS	UAS foxo ^L /Tub ^{Gal4} RU486(+)	UAS foxo ^L /Tub ^{Gal4} RU486(+) SS	Total Animals Died/Total	
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	10.77	0.20	11.00	0.21	100.00	20.00	0.86	0.00	273/273	
	UAS foxo ^H /Tub ^{Gal4} RU486(+) SS	10.26	0.38	11.00	0.96	100.00	16.00	0.00	0.00	105/105	
	UAS foxo ^L /Tub ^{Gal4} RU486(+)	46.23	1.82	46.00	1.93	418.18	80.00	0.00	0.00	117/117	
	UAS foxo ^L /Tub ^{Gal4} RU486(+) SS	54.43	1.59	54.00	1.83	490.91	85.00	0.00	0.00	120/120	

							Log Rank P Value				
Fig. 4b	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	+MhcGal4	UAS foxo ^H /Mhc ^{Gal4}	UAS foxo ^L /Mhc ^{Gal4}	Total Animals Died/Total		
	+MhcGal4	58.738	0.943	58.000	1.080	100.00	8.00	0.00	229/229		
	UAS foxo ^H /Mhc ^{Gal4}	49.695	0.997	48.000	1.449	82.76	91.00	0.00	210/210		
	UAS foxo ^L /Mhc ^{Gal4}	65.995	1.329	66.000	2.079	113.79	102.00	0.00	197/197		

							Log Rank P Value				
Fig. 4f	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	+Mef2Gal4	UAS foxo ^L /Mef2 ^{Gal4}	Total Animals Died/Total			
	+Mef2Gal4	57.48	1.11	59.00	1.62	100.00	80.00	197/197			
	UAS foxo ^L /Mef2 ^{Gal4}	70.58	1.58	74.00	2.52	125.42	102.00	175/175			

							Log Rank P Value				
Fig. 5c	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	+tinC.Δ4 ^{Gal4}	UAS foxo ^H /tinC.Δ4 ^{Gal4}	UAS foxo ^L /tinC.Δ4 ^{Gal4}	Total Animals Died/Total		
	+tinC.Δ4 ^{Gal4}	53.978	1.534	52.000	2.098	100.00	81.00	0.00	138/138		
	UAS foxo ^H /tinC.Δ4 ^{Gal4}	22.710	1.736	19.000	4.000	36.54	58.00	0.00	100/100		
	UAS foxo ^L /tinC.Δ4 ^{Gal4}	56.156	2.108	60.000	2.274	115.38	85.00	0.00	122/122		

							Log Rank P Value				
Fig. 7g	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(-)	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(+)	Total Animals Died/Total			
	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(-)	36.200	2.561	53.000	2.981	100	79	120/120			
	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(+)	20.067	0.604	8.000	0.381	15.09433962	16	128/130			

							Log Rank Value				
Fig. 7h	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(+)	Total Animals Died/Total			
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	8.728	0.210	11.000	0.170	100	20	273/273			
	UAS foxo ^H /UAS cncC ^{RNAi} /Tub ^{Gal4} RU486(+)	20.067	0.604	8.000	0.381	72.72727273	16	128/130			

							Log Rank Value				
Suppl. Fig. S7a	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^H /Tub ^{Gal4} RU486(+) PS341 5 μM	UAS foxo ^L /Tub ^{Gal4} RU486(+)	UAS foxo ^L /Tub ^{Gal4} RU486(+) PS341 5 μM	Total Animals Died/Total	
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	10.77	0.20	11.00	0.21	100.00	20.00	0.00	0.00	273/273	
	UAS foxo ^H /Tub ^{Gal4} RU486(+) PS341 5 μM	8.46	0.21	9.00	0.35	81.82	14.00	0.00	0.00	179/179	
	UAS foxo ^L /Tub ^{Gal4} RU486(+)	45.86	1.86	46.00	3.833	418.18	80.00	0.00	0.00	117/117	
	UAS foxo ^L /Tub ^{Gal4} RU486(+) PS341 5 μM	11.56	1.50	12.00	0.2609	109.09	20.00	0.00	0.00	80/80	

							Log Rank Value				
Suppl. Fig. S8g	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(-)	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(+)	Total Animals Died/Total			
	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(-)	42.999	1.905	46.000	1.747	100	76	112/115			
	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(+)	9.742	0.230	10.000	0.313	21.73913043	17	159/159			

							Log Rank Value				
Suppl. Fig. S8h	Sample	Mean Lifespan (LF) +/- s.e.m. (Days)	Median Lifespan +/- s.e.m. (Days)	% Median LF vs. control	Max (Days)	UAS foxo ^H /Tub ^{Gal4} RU486(+)	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(+)	Total Animals Died/Total			
	UAS foxo ^H /Tub ^{Gal4} RU486(+)	11.132	0.163	11.000	0.170	100	20	273/273			
	UAS foxo ^H /UAS cncC/Tub ^{Gal4} RU486(+)	9.742	0.230	10.000	0.313	90.90909091	17	159/159			