

Population	Sex	Genotype	n	Mean Lifespan	25% dead	Median Lifespan	75% dead	ChiSquare		p-value		
								Log Rank	Wilcoxon	Log Rank	Wilcoxon	
esgGFP > Jafracl1	A	Males	esgGal4,UAS-GFP > +	217	48.5	42	51	57	21.9	12.1	<0.0001	0.0005
			esgGal4,UAS-GFP > Jafracl1	205	52.7	48	54	63				
		<i>percent extension</i>		8.7%	14.3%	5.9%	10.5%					
	Females	esgGal4,UAS-GFP > +	233	43.5	36	45	54	58.5	61.6	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Jafracl1	250	54.8	45	57	66					
		<i>percent extension</i>		26.0%	25.0%	26.7%	22.2%					
	B	Males	esgGal4,UAS-GFP > +	117	47.1	42	51	57	10.2	13.7	0.0014	0.0002
			esgGal4,UAS-GFP > Jafracl1	101	54.3	45	57	63				
			<i>percent extension</i>		15.3%	7.1%	11.8%	10.5%				
		Females	esgGal4,UAS-GFP > +	119	51.2	39	51	66	16.2	18.5	<0.0001	<0.0001
			esgGal4,UAS-GFP > Jafracl1	123	59.9	54	63	72				
			<i>percent extension</i>		17.0%	38.5%	23.5%	9.1%				
C	Males	esgGal4,UAS-GFP > +	141	47.2	42	48	57	33.4	26.4	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Jafracl1	75	55.4	51	63	69					
		<i>percent extension</i>		17.4%	21.4%	31.3%	21.1%					
	Females	esgGal4,UAS-GFP > +	139	51.2	39	57	66	22.6	26	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Jafracl1	76	63	57	69	75					
		<i>percent extension</i>		23.0%	46.2%	21.1%	13.6%					
Total	Males	esgGal4,UAS-GFP > +	475	47.8	42	51	57	61.5	47.9	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Jafracl1	381	53.6	48	57	66					
		<i>percent extension</i>		12.1%	14.3%	11.8%	15.8%					
	Females	esgGal4,UAS-GFP > +	491	47.6	36	48	60	70.8	85.5	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Jafracl1	449	57	48	60	69					
		<i>percent extension</i>		19.7%	33.3%	25.0%	15.0%					

esgGFP > Hsp68	A	Males	esgGal4,UAS-GFP > +	94	50.6	42	54	60	25.4	19.5	<0.0001	<0.0001
			esgGal4,UAS-GFP > Hsp68	102	56.7	51	60	69				
		<i>percent extension</i>		12.1%	21.4%	11.1%	15.0%					
	Females	esgGal4,UAS-GFP > +	121	53.1	42	54	66	61	41.5	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Hsp68	101	65.4	60	75	81					
		<i>percent extension</i>		23.2%	42.9%	38.9%	22.7%					
	B	Males	esgGal4,UAS-GFP > +	86	50	45	54	60	36.4	42.5	<0.0001	<0.0001
			esgGal4,UAS-GFP > Hsp68	91	62.1	57	63	69				
			<i>percent extension</i>		24.2%	26.7%	16.7%	15.0%				
		Females	esgGal4,UAS-GFP > +	91	61	54	66	72	77.8	66.2	<0.0001	<0.0001
			esgGal4,UAS-GFP > Hsp68	116	75	69	78	84				
			<i>percent extension</i>		23.0%	27.8%	18.2%	16.7%				
C	Males	esgGal4,UAS-GFP > +	120	50.3	45	51	60	69.7	56	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Hsp68	125	60.5	57	66	72					
		<i>percent extension</i>		20.3%	26.7%	29.4%	20.0%					
	Females	esgGal4,UAS-GFP > +	122	53	42	54	63	63.4	44.7	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Hsp68	104	65.8	57	72	81					
		<i>percent extension</i>		24.2%	35.7%	33.3%	28.6%					
Total	Males	esgGal4,UAS-GFP > +	300	50.3	42	51	60	131.7	116	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Hsp68	318	59.7	54	63	69					
		<i>percent extension</i>		18.7%	28.6%	23.5%	15.0%					
	Females	esgGal4,UAS-GFP > +	334	55.2	45	57	66	211.4	157.1	<0.0001	<0.0001	
		esgGal4,UAS-GFP > Hsp68	321	69	63	75	81					
		<i>percent extension</i>		25.0%	40.0%	31.6%	22.7%					