Generation	Strain	Mean +/- SD	Median	p values	# worms	Figure
10	WT	17.341 +/- 0.561	16		69/90	S3a
10	*spr-5(by101)*	23.818 +/- 0.616	24	<0.0001	70/90	S3a
10	*rde-1(ne219)x3*	19.723 +/- 0.545	20	0.0026	94/94	S3a
10	*spr-5;rde-1*	23.674 +/- 0.615	24	<0.0001	74/90	S3a
10	WT	18.346 +/- 0.563	18		79/90	
10	*spr-5(by101)*	25.101 +/- 0.624	26	<0.0001	72/90	
10	*rde-1(ne219)x3*	20.493 +/- 0.627	20	0.0158	80/94	
10	*spr-5;rde-1*	24.555 +/- 0.710	24	0.0002	55/90	
10	WT	18.536 +/- 0.554	19		81/90	S3b
10	*spr-5(by101)*	24.235 +/- 0.564	23	<0.0001	56/90	S3b
10	*ergo-1(tm1860)x7*	18.736 +/- 0.536	19	0.8451	83/90	S3b
10	*spr-5;ergo-1*	24.345 +/- 0.541	25	<0.0001	73/90	S3b
10	WT	17.813 +/- 0.624	17		75/90	
10	*spr-5(by101)*	25.226 +/- 0.529	25	<0.0001	81/90	
10	*ergo-1(tm1860)x7*	19.412 +/- 0.562	19	0.1098	80/90	
10	*spr-5;ergo-1*	24.483 +/- 0.539	25	<0.0001	80/90	
20	WT	18.550 +/- 0.555	19		68/90	2a
20	*spr-5(by101)*	24.035 +/- 0.714	26	<0.0001	57/90	2a
20	*set-17(n5017)x2*	18.479 +/- 0.512	19	0.9916	83/90	2a
20	*spr-5;set-17*	17.867 +/- 0.573	19	0.3816	49/90	2a
20	*eap-1(ok3432)x5*	19.665 +/- 0.597	19	0.1220	67/90	
20	*spr-5;eap-1*	19.342 +/- 0.720	19	0.9898	64/90	
10	WT	16.885 +/- 0.451	17		64/90	
10	*spr-5(by101)*	20.761 +/- 0.542	22	<0.0001	78/90	
10	*set-17(n5017)x2*	18.718 +/- 0.465	17	0.0100	85/90	
10	*spr-5;set-17*	18.818 +/- 0.533	17	0.7329	80/90	
10	*eap-1(ok3432)x5*	17.541 +/- 0.524	17	0.2268	55/90	
10	*spr-5;eap-1*	18.450 +/- 0.604	19	0.2571	53/90	
24	WT	20.223 +/- 0.543	20		61/90	2b
24	*spr-5(by101)*	25.413 +/- 0.813	26	<0.0001	44/90	2b
24	*set-17(n5017)x5*	19.945 +/- 0.567	18	0.9569	65/90	
24	*spr-5;set-17*	21.433 +/- 0.750	22	0.0732	57/90	
24	*set-30(gk315)x6*	22.034 +/- 0.695	22	0.0079	64/90	2b
24	*spr-5;set-30*	21.723 +/- 0.702	22	0.9313	78/90	2b
20	WT	15.270 +/- 0.428	15		78/90	
20	*spr-5(by101)*	18.348 +/- 0.684	17	0.0001	50/90	
20	*set-30(gk315)x2*	16.330 +/- 0.515	15	0.0713	79/90	
20	*spr-5;set-30*	16.049 +/- 0.638	15	0.9901	63/90	

Supplementary Table 3. *Spr-5(by101)* mutant worms have a transgenerational extended longevity which is dependent on *eap-1, set-17,* and *set-30* but independent of *ergo-1* and *rde-1*

The figure panels in which specific experiments are shown or used are indicated in the right column. The mean lifespan and SD values were calculated by StatView from triplicate samples of 30 worms each (90 worms total). # worms: number of observed dead worms at the end of the experiment/number of alive worms at the beginning of the experiment. The difference between both numbers corresponds to the number of censored worms (worms that underwent "matricide", exhibited ruptured vulva, or crawled off the plates). P values are calculated by log rank (Mantel-Cox) statistical test.