

**Table S3. Mutants defective in the LET-60-MPK-1 pathway have reduced numbers of cell corpses.**

Genotype	Number of cell corpses <sup>a</sup>				
	Comma	1.5-fold	2-fold	3-fold	4-fold
Wild-type (at 20°C)	10.0 ± 1.6	11.4 ± 1.5	10.0 ± 1.9	2.1 ± 1.7	0.5 ± 0.7
Wild-type (at 25°C)	10.1 ± 2.5	11.1 ± 2.1	10.0 ± 1.9	2.2 ± 1.9	0.5 ± 0.7
<i>let-60(n1046gf)</i>	9.5 ± 2.3	10.7 ± 3.1	9.7 ± 2.4	2.0 ± 1.7	0.6 ± 0.7
<i>unc-32(e189)</i>	9.7 ± 1.6	10.9 ± 1.8	9.8 ± 2.0	1.7 ± 1.5	0.5 ± 0.7
<i>unc-79(e1068)</i>	9.3 ± 2.2	11.3 ± 1.7	10.0 ± 2.1	2.5 ± 1.5	0.5 ± 0.7
<i>sem-5(n1779)</i>	7.6 ± 1.6**	9.5 ± 1.5**	6.3 ± 2.3**	1.5 ± 1.4	0.3 ± 0.5
<i>sos-1(cs41)</i> (at 25°C) <sup>b</sup>	7.7 ± 2.7**	10.9 ± 3.5	8.9 ± 2.8	2.0 ± 1.7	0.3 ± 0.5
<i>let-60(sy93)</i>	6.5 ± 3.0**	8.5 ± 2.4**	6.2 ± 3.3**	2.3 ± 1.7	0.4 ± 0.7
<i>lin-45(n2506)</i> <sup>c</sup>	6.7 ± 2.6**	8.2 ± 2.0**	6.3 ± 3.4**	1.5 ± 1.6	0.4 ± 0.6
<i>mek-2(ku114)</i> <sup>c</sup>	7.1 ± 2.6**	7.9 ± 2.6**	5.6 ± 3.0**	1.7 ± 1.6	0.5 ± 0.8
<i>mpk-1(ku1)</i> <sup>d</sup>	7.7 ± 2.5**	9.0 ± 1.1**	6.5 ± 2.5**	2.2 ± 1.7	0.4 ± 0.6
<i>mpk-1(n2521)</i> <sup>e</sup>	6.9 ± 2.3**	8.0 ± 2.4**	5.9 ± 2.2**	1.9 ± 1.5	0.5 ± 0.7
<i>mpk-1(n2521)</i> <sup>c</sup>	7.3 ± 2.3**	8.4 ± 2.0**	7.0 ± 3.5**	2.4 ± 2.0	0.5 ± 0.9
Control RNAi	9.2 ± 2.9	10.2 ± 3.7	9.7 ± 1.8	2.1 ± 1.8	0.5 ± 0.7
<i>let-60</i> RNAi	7.3 ± 1.8*	8.5 ± 2.2*	6.4 ± 3.0**	1.8 ± 2.0	0.4 ± 0.6

<sup>a</sup>Cell corpses scored at the indicated developmental stages are presented as the mean ± SD. (n≥30). The *rrf-3(pk1426)* mutant was used to enhance the RNAi effect in RNAi experiments. Mutants embryos were compared to wild-type, and *let-60* RNAi treatment was compared to control RNAi treatment (\**P*<0.05 and \*\**P*<0.001, two-tailed *t* test). <sup>b</sup>*sos-1(cs41)* is temperature-sensitive and its cell corpse profile was scored at 25°C. <sup>c</sup>Mutants also contain *let-60(n1046gf)*. <sup>d</sup>Mutants also contain *unc-32(e189)*. <sup>e</sup>Mutants also contain *unc-79(e1068)*.