

1 The zinc-finger transcription factor LSL-1 is a major regulator of the germline transcriptional  
2 program in *C. elegans*

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9 Tables S1 and S2

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12 Table S1 Brood size, survival rate, and incidence of males (22 °C and 25 °C)

Genotype	Mean brood size <sup>a</sup>	Viability (%)	Incidence of males (%)	<i>n</i> <sup>b</sup>
wild type <sup>22 °C</sup>	241.33 ± 46.45	98.62	0.07	6
<i>lsl-1(tm4769)</i> <sup>22 °C</sup>	19.92 ± 19.33***	0.00	n/a	12
<i>lsl-1(ljm1)</i> <sup>22 °C</sup>	8.75 ± 20.42***	22.86	8.33	12
wild type <sup>25 °C</sup>	196.43 ± 42.37	94.46	0.09	46
<i>lsl-1(tm4769)</i> <sup>25 °C</sup>	0.05 ± 0.22***	0.00	n/a	40
<i>lsl-1(ljm1)</i> <sup>25 °C</sup>	0.13 ± 0.41***	20.00	0.00	38

13 <sup>a</sup> Data correspond to the mean ± SD of the total number of eggs laid per hermaphrodite parent. Statistical  
 14 comparison between wild type and each genotype performed by two-tailed Student's *t*-test with Welch's  
 15 correction. \*\*\* *p*-value ≤ 0.001.

16 <sup>b</sup> Total number of parental hermaphrodites per genotype.

17 n/a not applicable

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19 Table S2 Cross-comparison contingency tables summary

RNA-seq sample	DEGs	LSL-1 binding sites ( $n = 3078$ )	$p$ -value
<i>lsl-1(tm4769)</i> vs wild type	2078	388	0.0001***
<i>lsl-1(ljm1)</i> vs wild type	496	53	0.0061**

20 DEGs, differentially expressed genes; \*\*\* $p$ -value  $\leq 0.001$ , \*\* $p$ -value  $\leq 0.01$ , by chi-square test with Yates

21 correction.