Table S4. Dauer tests

A

Strain	Genotype	Dauer (%) [a]	*n* [b]
CB1370	*daf-2(e1370)*	0.9	114
DR1309	*daf-16(m26); daf-2(e1370)*	0.0	100

[a] Worms were grown on OP50 at 20°C for 72 hours and scored for the number of dauer worms divided by the total worms on the plate. [Similar results seen for CB1370 in Larsen et al. (Larsen et al., 1995)].
[b] *n*, number of worms examined.
Statistics: *P*>>0.05, one-sided Fisher exact test.

B

Strain	Genotype	Dauer (%) [a]		*n* [b]
CB1370	*daf-2(e1370)*	100.0		100
DR1309	*daf-16(m26); daf-2(e1370)*	0.0		100
CF1442[c]	*daf-16(mu86);daf-2(e1370)*	0.0		100
CF1442[c]	*daf-16(mu86);daf-2(e1370); muEx169[Punc119-daf-16::GFP]*	29.7	*	64

[a] Worms were grown on OP50 at 25°C for 60 hours and scored for the number of dauer worms divided by the total worms on the plate.
[b] *n*, number of worms examined.
[c] Sibling progeny from strains bearing transgenes were separated prior to scoring. As indicated under 'Genotype', top line is data from progeny without the transgene (sibling controls) and bottom line is data from progeny that retained the transgene.
Statistics: *P<0.05, one-sided Fisher exact test versus *daf-2(e1370)* alone or *daf-16(mu86);daf-2(e1370)*; restoration to ~30% dauer is considered rescue (anti-suppression) of *daf-16* (Libina et al., 2003).

C

Strain	Genotype	RNAi	Dauer (%) [a]		*n* [b]
N2		(none)	6.1		49
GC1039	*ins-33 (tm2988)*	(none)	1.2		81
GC1071	*ins-3(ok2488)*	(none)	0.0		65
N2		L4440	12.9		62
N2		*daf-2*	100.0	*	53
N2		*ins-3*	7.2		97
N2		*ins-33*	11.4		79

[a] Worms were grown either on OP50 or on the indicated RNAi (fed on RNAi from parental L4 stage) at 27°C for 60 hours and scored for the number of dauer worms divided by the total worms on the plate. See Table S3 for RNAi reagents.
[b] *n*, number of worms examined.
Statistics: *P<0.05, one-sided Fisher exact test versus L4440 control; for all others, P>> 0.05 (line 2 and 3 versus line 1, and lines 6 and 7 versus line 4).