

Table S1. Dauer formation in transgenic lines expressing *lin-42*

Genotype*	Array #	GFP (+) [†]		GFP (-) [‡]		Broods scored	Animals scored [§]
		Dauer formation (%)	s.d.	Dauer formation (%)	s.d.		
<i>lin-42(ve11); daf-12(rh285); Ex[pHG82]</i>	<i>veEx426</i>	3	1	67	1	3	301
	<i>veEx582</i>	6		71		1	48
	<i>veEx427</i>	8		69		1	50
<i>daf-7(e1372); Ex[Pdpy-7::lin-42C]</i>	<i>veEx478</i>	6	6	97	4	14	817
	<i>veEx479</i>	15	11	99	1	12	1221
	<i>veEx477</i>	26	18	99	1	12	1112
<i>daf-2(e1368); Ex[Pdpy-7::lin-42C]</i>	<i>veEx528</i>	25	19	89	16	22	1552
	<i>veEx529</i>	21	16	96	8	20	1019
	<i>veEx530</i>	14	17	96	9	18	498
<i>daf-2(e1370); Ex[Pdpy-7::lin-42C]</i>	<i>veEx482</i>	72	19	99	1	16	291
	<i>veEx480</i>	52	24	100	0	20	448
	<i>veEx481</i>	58	32	99	2	17	427
	<i>veEx531</i>	13	15	98	2	13	676
	<i>veEx532</i>	48	14	96	5	6	551
<i>daf-9(m540); Ex[Pdpy-7::lin-42C]</i>	<i>veEx583</i>	48	25	97	3	7	828
	<i>veEx473</i>	11	9	93	8	9	679
	<i>veEx474</i>	8	12	88	25	9	338
	<i>veEx475</i>	2	4	83	32	10	251
<i>daf-12(rh273); Ex[Pdpy-7::lin-42C]</i>	<i>veEx520</i>	1	1	93	8	9	687
	<i>veEx521</i>	0	0	91	3	11	649
	<i>veEx522</i>	1	3	98	3	6	292
	<i>veEx523</i>	0	0	91	11	8	285
	<i>veEx524</i>	0	0	100	0	4	141

Strains were grown at 20°C except for the *daf-7* and *daf-2* lines, which were analyzed at 25°C. s.d. could not be calculated for two control strains where a single brood was assayed. The dauer formation data averaged from different strains of the same genotype are presented in Figs 1, 3 and 4.

*Constructs were co-injected with *str-1::gfp* (100 ng/μl) which is expressed in the two AWB neurons (Troemel et al., 1997), which had no effect on dauer formation when assayed alone (see Fig. 1 legend).

[†]Animals carried the extrachromosomal array as determined by *str-1::gfp* expression.

[‡]Animals lacked the extrachromosomal array as determined by absence of *str-1::gfp* expression.

[§]Total number of animals scored for each transgenic line.