

SM Table 1. Phenotype frequency in Daf-c mutants

Strain	Daf-c DL ^a ±SEM (%) @25°C	N	Active DL ±SEM (%) @20°C	Mlt defect ±SEM (%) @20°C	J2d ±SEM (%) @20°C	N	Daf-c DL ^a ±SEM (%)@15°C	N
Wild-type PS312	0	724(8)	0	0	0	961(8)	ND	
<i>hsd-2(csu60)</i>	67±9.4	2516(11)	53 ±6.8	6 ±1.3 ^b	15 ±2.5	2846(8)	6.7 ±2.1	1090(7)
<i>hsd-2(csu60)</i> + Δ7-DA	ND		0	0	0	1330(12)	ND	
<i>hsd-2(csu60); daf-12(tu389)</i>	0	1172 (6)	0	3.7 ±3.4 ^c	0	808(6)	ND	
<i>daf-12(tu389)</i>	0	1250(7)	0	0	0	950(7)	ND	
<i>hsd-2(csu60); csuEx54[Ppa- hsd-2p::hsd-2 cDNA]</i>	ND		11 ±2.5	0	ND	2388(6)	ND	
<i>hsd-2(csu88)</i>	91 ±2.0	2160(15)	76 ±1.7	8 ±1.0	14 ±2.0	1369(8)	94 ±1.7	2762(10)
<i>hsd-2(csu88)</i> + Δ7-DA	ND		0	0	0	1062(11)	ND	
<i>dfc-1(tu391)</i>	96 ±0.9	1520(7)	28 ±3.5	25 ±2.6 ^b	0	1742(11)	0	577(7)
<i>dfc-1(tu391); daf-12(tu389)</i>	0	1005(7)	0	0	0	1003(7)	ND	
<i>dfc-1(tu391)</i> + Δ7-DA	0	426(4)	ND	ND	ND		ND	

Values based on the synchronized progeny of 10-15 gravid hermaphrodites scored 5 days later (25°C and 20°C) or 11 days later (15°C).

^aIncludes both active and exsheathment defective incarcerated dauer larvae formed under reproductive conditions among all J3-equivalent larvae.

^bTransient exsheathment defective Daf-c dauers; no molting defect was found in non-dauers.

^cTransient molting defect in J3-J4 or J4-Adult molts.

N: sample size with the number of experiments is given in parentheses.

ND: not determined

SEM: standard error of the mean