

Table S1. Nomenclature of strains and populations.

CGC_(1)	Genotype_(1)	Reference	Other information
AB1	13	CGC, Rockman and Kruglyak (2009)	wild isolate
CB4507	2	CGC, Rockman and Kruglyak (2009)	wild isolate
CB4852	11	CGC, Rockman and Kruglyak (2009)	wild isolate
CB4855	21	CGC, Rockman and Kruglyak (2009)	wild isolate
CB4856	41	CGC, Rockman and Kruglyak (2009)	wild isolate
CB4858	21	CGC, Rockman and Kruglyak (2009)	wild isolate
JU319	15	CGC, Rockman and Kruglyak (2009)	wild isolate
JU345	32	CGC, Rockman and Kruglyak (2009)	wild isolate
JU400	12	M.-A. Fèlix pers.comm., this study	wild isolate
MY1	30	CGC, Rockman and Kruglyak (2009)	wild isolate
MY16	38	CGC, Rockman and Kruglyak (2009)	wild isolate
N2	1	CGC, Rockman and Kruglyak (2009)	wild isolate
PB306	33	CGC, Rockman and Kruglyak (2009)	wild isolate
PX174	19	CGC, Rockman and Kruglyak (2009)	wild isolate
PX179	10	CGC, Rockman and Kruglyak (2009)	wild isolate
RC301	19	CGC, Rockman and Kruglyak (2009)	wild isolate
JK574	1	Schedl and Kimble (1988)	Genotype fog-2(q71), N2 background
PD4251	1	Fire et al. (1998)	Genotype ccls4251(myo3::GFP), N2 background
EEV-A ₀	-	this study	G0; ancestor androdioecious
EEV-D ₀	-	this study	G0; ancestor dioecious
EEV-GFP.A ₀	-	this study	G0; tester androdioecious
EEV-A1	-	this study	G30, G60, G100; derived replicate
EEV-A2	-	this study	G30, G60, G100; derived replicate
EEV-A3	-	this study	G30, G60, G100; derived replicate
EEV-A4	-	this study	G30, G60, G100; derived replicate
EEV-A5	-	this study	G30, G60, G100; derived replicate
EEV-A6	-	this study	G30, G60, G100; derived replicate
EEV-D1	-	this study	G30, G60, G100; derived replicate
EEV-D2	-	this study	G30, G60, G100; derived replicate
EEV-D3	-	this study	G30, G60, G100; derived replicate
EEV-D4	-	this study	G30, G60, G100; derived replicate
EEV-D5	-	this study	G30, G60, G100; derived replicate
EEV-D6	-	this study	G30, G60, G100; derived replicate
EEV-iA1	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iA2	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iA3	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iA4	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iA5	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iA6	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iD1	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iD2	-	this study	G0, G30, G60, G100; derived replicate without initial diversity

EEV-iD3	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iD4	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iD5	-	this study	G0, G30, G60, G100; derived replicate without initial diversity
EEV-iD6	-	this study	G0, G30, G60, G100; derived replicate without initial diversity

- (1) *Caenorhabditis Genetic Center* (CGC) approved designation
(2) Genotype identity from Rockman and Kruglyak (2009)