

Table S3. Mutants of the inositol 1,4,5-trisphosphate Ca²⁺ signaling pathway.

	Strain	Genotype	Phenotype
Used in study	PS3653	<i>ipp-5(sy605)</i> X. loss of function	Ovulates two oocytes at a time, slightly slow growth
	PS2368	<i>itr-1(sy327) unc-24(e138)</i> IV. gain of function	Slow growth
	KJ216	<i>crt-1(jh101)</i> V. loss of function	Very slow growth
	N2 on dantrolene	wild type	Slightly slow growth
Not used in study	JT73	<i>itr-1(sa73)</i> IV. loss of function	Slow growth, Very low brood size Ovulation defects
	PS2286	<i>unc-38(x20) lfe-2(sy326)</i> I. loss of function	Ovulation defect shears oocytes
	PS4886	<i>plc-3(tm1340)/mln1[mls14 dpy-10(e128)]</i> II. loss of function	Ovulation defect shears oocytes
	CB6614	<i>egl-8(e2917)</i> V. loss of function	Low brood size, Impossible to synchronize
	MT1083	<i>egl-8(n488)</i> V. loss of function	Low brood size, Impossible to synchronize