

Table S4. The PI3K pathway and PLC genes are not involved in embryonic PCD.**A. Mutants defective in the PI3K pathway have normal numbers of cell corpses.**

Genotype	Number of cell corpses ^a				
	Comma	1.5-fold	2-fold	3-fold	4-fold
Wild type (at 20°C)	10.0 ± 1.6	11.4 ± 1.5	10.0 ± 1.9	2.1 ± 1.7	0.5 ± 0.7
Wild type (at 25°C)	10.1 ± 2.5	11.1 ± 2.1	10.0 ± 1.9	2.2 ± 1.9	0.5 ± 0.7
<i>aap-1(ok282)</i>	10.3 ± 1.4	11.8 ± 2.0	10.6 ± 1.6	2.3 ± 1.2	0.6 ± 0.7
<i>aap-1(m889)</i>	10.3 ± 1.8	11.4 ± 1.9	10.5 ± 1.9	2.5 ± 1.3	0.7 ± 0.6
<i>age-2(yw23); age-1(hx546)</i> (at 25°C) ^b	10.4 ± 1.9	11.2 ± 1.0	10.5 ± 1.6	2.9 ± 1.1	0.5 ± 0.6
<i>daf-16(m26); age-1(m333)</i>	10.1 ± 2.2	11.1 ± 1.6	10.0 ± 1.7	2.1 ± 1.0	0.5 ± 0.6

B. Mutants defective in PLC genes have normal numbers of cell corpses.

Genotype	Number of cell corpses ^a				
	Comma	1.5-fold	2-fold	3-fold	4-fold
<i>plc-1(rx1)</i> ^c	10.5 ± 1.3	11.0 ± 2.3	10.5 ± 2.3	2.5 ± 2.0	0.7 ± 0.8
<i>plc-2(ok1761)</i>	10.0 ± 2.4	10.8 ± 1.9	10.5 ± 2.8	2.0 ± 1.1	0.6 ± 0.7
<i>plc-3(tm1340)</i> ^d	10.4 ± 2.0	11.7 ± 1.9	10.9 ± 1.9	2.7 ± 1.6	0.5 ± 0.6
<i>plc-4(ok1215)</i>	10.6 ± 1.8	11.9 ± 2.6	10.5 ± 1.6	2.3 ± 1.6	0.7 ± 0.7

^aCell corpses scored at the indicated developmental stages are presented as the mean ± SD (n≥30).

^bThe *age-2(yw23); age-1(hx546)* strain is temperature-sensitive and its cell corpse profile was scored at 25°C.

^cGFP-negative progeny of *plc-1(rx1); kEx2[plc-1(+); sur-5::gfp]* adult worms.

^dGFP-negative progeny of *plc-3(tm1340)/mln1[mls14 dpy-10(e128)]* adult worms.