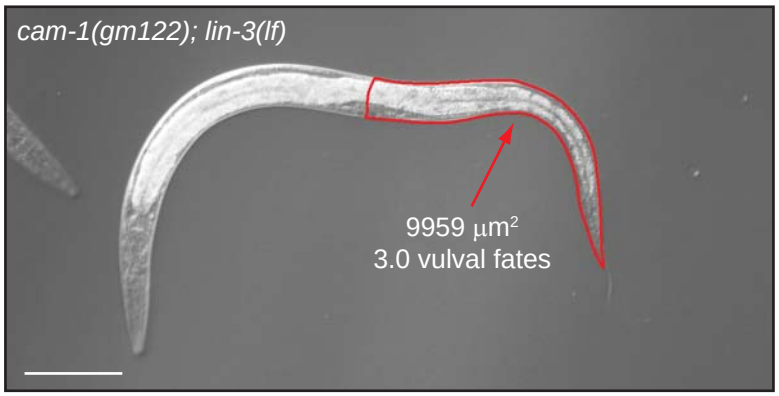
A

B



C

D

Genotype	Notes	Thickness (μm)	Volume (x 10^3 cubic microns)	*p*-Value (for volume)
Wildtype		33.8 ± 0.4 (n=5)	369 ± 31 (n=18)	
cam-1(gm122); lin-3(lf)	Total population	33.5 ± 1.7 (n=21)	319 ± 46 (n=21)	0.0003 vs Wildtype 0.0005 vs *vab-8(gm138)*
cam-1(gm122); lin-3(lf); PCAN::ΔIntra::gfp rescue	Total population	34.1 ± 1.0 (n=23)	327 ± 35 (n=23)	0.0002 vs Wildtype 0.54 vs *cam-1(gm122); lin-3(lf)*
cam-1(gm122); lin-3(lf)	Vulval fates: 0.70, n=10		324 ± 40 (n=10)	0.006 vs Wildtype
cam-1(gm122); lin-3(lf)	Vulval fates: 2.68, n=11		314 ± 52 (n=21)	0.008 vs Wildtype 0.62 vs siblings with 0.70 vulval fates