

Table S1. *glp-1(tn777ts)* mutants do not contain excess pachytene cells

Genotype	Classification of germ cell morphology using DAPI staining			
	Proliferation	Transition	Pachytene	<i>n</i>
Wild type	180±36	85±33	297±57	20
<i>glp-1(tn777ts)</i>	0	16±9	131±34	21
<i>fog-2(oz40)</i>	151±39	44±7	234±37	17
<i>glp-1(tn777ts); fog-2(oz40)</i>	0	24±14	154±22	18

L4 larvae of the indicated genotypes were transferred from 15°C to 25°C and the cytology of germ cells was analyzed in fixed and DAPI-stained dissected gonad preparations at 16 hours post-L4. Photographic images of a z-series of each gonad arm were taken and the germ cells were counted and classified (diplotene, diakinesis are not presented here).