



Figure S10 The majority of *lin-41*; *daz-1* germ cells arrest in pachytene. (A–I) *daz-1* (A–F) and *lin-41*; *daz-1* (G–I) germ lines 24 or 48 hours past the mid-L4 stage at 20°C as indicated. Spermatogenic nuclei with chromosomally-associated phospho-histone H3 were sometimes detected in *daz-1* germ lines after 24 hours (arrowhead in A–C). Germ lines were stained with both anti-MSP (red) and anti-pH3(Ser10) (green) and spermatogenic (MSP-positive) nuclei were excluded from the quantitative analysis shown in Figure 11A. Oogenic germ cells in *daz-1(tj3)* animals arrest in pachytene as previously described (Karashima *et al.* 2000, Maruyama *et al.* 2005), and remain arrested in older *daz-1* hermaphrodites (D–F). Although most germ cells arrest in pachytene, a few nuclei stain with anti-pH3(Ser10) in *lin-41*; *daz-1* hermaphrodites (G–I). Insets in (G–I) are magnified two-fold and in a slightly different focal plane; they show pachytene nuclei (1) near a small cluster of nuclei with condensed (pH3-positive) and decondensed (pH3-negative) chromosomes (2).