Molecular markers specific to different stages of germ cell development were examined in lin-41 mutants. (A, B) GLD-1 expression decreases (red) and CYE-1 expression increases (green) as germ cells exit from pachytene in both wild-type and lin-41(n2914) germ lines. (C, D) Under the staining conditions employed (Hansen et al. 2004a), cytoplasmic REC-8 (green) is present in proliferative germ cells in the wild type and lin-41(n2914) mutants. Cytoplasmic REC-8 is also seen in some of the most proximal lin-41(n2914) oocyte nuclei, but is not detected in HIM-3-positive (red) oocytes in M phase immediately after pachytene (see text). Bars, 50 μm.