Figure S1: Related to Figure 1 and Figure 3. Gcna-1 mutant germ cells exhibit normal proliferation, RNA granule morphology, and slightly elevated apoptosis relative to wildtype. (A) Mitotic zones of gonads immunostained with antibody recognizing phospho-histone H3 (PH3). Scale bar = 10 µm, n = 50, error bars = SDM.
(B) Meiotic zone of gonads immunostained P-granule marker PGL-1. Scale bar = 5 µm, n = 50. (C) Quantification of germ cell death as assayed by acridine orange (AO) staining. Scale bar = 20 µm, n = 60, error bars = SDM. (D) Spontaneous mutant phenotypes in long term cultures of gcna-1 mutant animals. gcna-1(ne4334) is described in Carmell et al., 2016.