



**Figure S3:** *sqv-7(n2839)* has gonad migration defects: (A) Gonad of a wild type animal. (B) Gonad of a *sqv-7(n2839)* mutant. The gonad in this mutant does not have the characteristic U-shape, similarly to the *gale-1(pv18)* mutant. (C) Percentage of anterior and posterior gonads affected.  $N > 20$ .  $P < 0.05$