



**Figure S1** Adult hermaphrodite gonad arm: DTC, distal tip cell; -1 to -3, proximal oocytes; arrows, flow for oocyte growth. The -1 oocyte undergoes meiotic maturation in response to MSP secreted from sperm in a process that requires the redundant function of OMA-1 and OMA-2 (OMA proteins). The expression pattern of the OMA proteins (Detwiler *et al.* 2001; Lee and Schedl 2004) is indicated.