В

mir-34 (gk437) mid-L4 Adult ate *F47B8.6* :: gfp (wild-type N2, young adult) VulE Vul D Vul C F47B8.6 :: gfp (mir-34(gk437), young adult)

Vul C and F

VulE

Supplementary Information 2. Vulvae in mir-34 loss-of-function mutants (gk437) (A) Nomarski images of vulval development during mid-L4 to young adult stage in *mir-34* mutants (B) A gfp marker line, F47B8.6::gfp, shows gfp signals in the vulval cells, VulC, D, E and F after young adult stage in wild-type background. Similar expression pattern and timing were detected in mir-34 loss-of-function background. In addition, mir-34 mutants lay eggs normally (data not shown), suggesting that vulval function is not impaired in *mir-34* mutants.

Vul D