Supplementary Materials

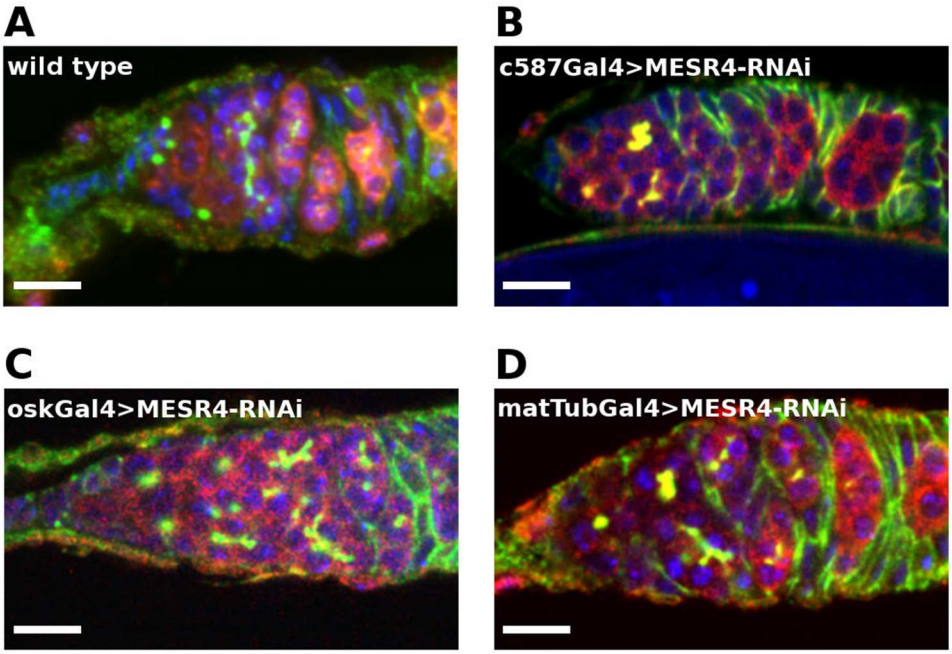


Figure S1. *MESR4* function is required for the early germ cell development exclusively in the niche.

(A-D) Immunostaining of wild type (A,), c587Gal4>*MESR4*-RNAi (B), oskGal4>*MESR4*-RNAi (C), and matTubGal4>*MESR4*-RNAi niches showing normal germ cell differentiation. Spectrosomes and fusomes are labelled with HTS (green), germ cells are labelled for Vasa (red); DAPI is blue. Scale bars are 10 µm.

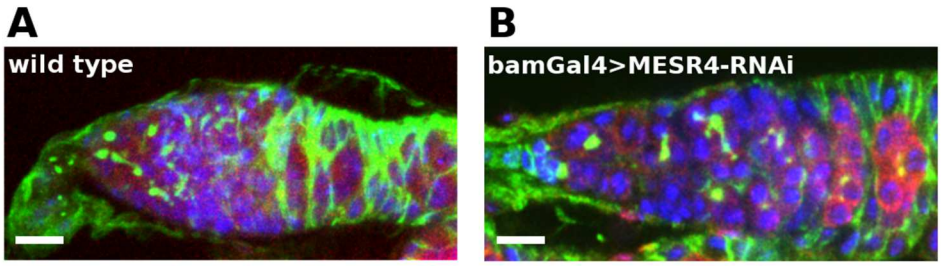


Figure S2. *MESR4* function is not required in *bam* expressing CBs.

(A,B) Immunostaining of wild type (A) and bamGal4>*MESR4*-RNAi (B) niches showing normal germ cell differentiation. Spectrosomes and fusomes are labelled with HTS (green), germ cells are labelled for Vasa (red); DAPI is blue. Scale bars are 10 µm.