



Figure S1 Quantitative analysis of FBL-1C-Venus. Sample data for *fbl-1(tk45) Ex[fbl-1C::Venus]* are shown. For each sample, confocal images of the sagittal section of the gonads were obtained with a Zeiss Imager M2 microscope equipped with a spinning-disk confocal scan head (CSU-X1; Yokogawa) and an ImageEM CCD camera (ImageEM; Hamamatsu Photonics). Using ImageJ software, fluorescence intensities along three drawn lines, each of which crossed the basement membrane (A to C), were measured; the average background intensities inside the gonad (D) were subtracted from the peak values, and the resulting corrected values were averaged.