

Supporting Information

Lund et al. 10.1073/pnas.1009157107

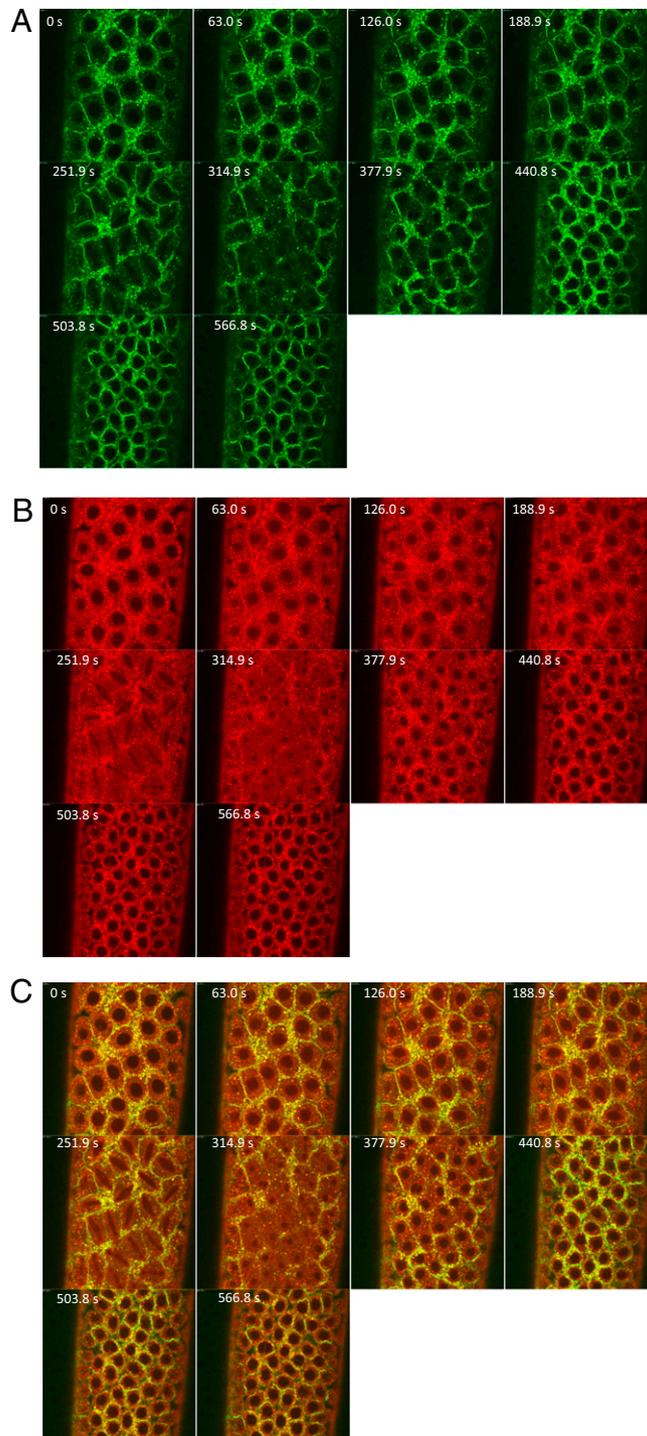


Fig. S1. Live imaging time course of embryos simultaneously expressing Toll-GFP and Rab5-mCherry. Toll-GFP (A, green), Rab5-mCherry (B, red), and overlap of Toll and Rab5 (C, yellow). Time in seconds is indicated within each frame. Imaging was conducted at 23 °C.

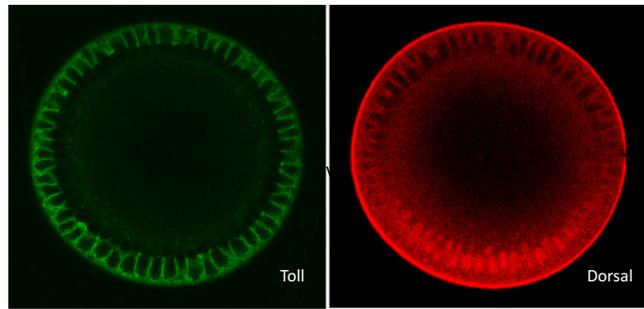


Fig. S2. Cross-section live imaging of Toll-GFP and Dorsal-mCherry. Toll-GFP (green) and Dorsal-mCherry (red) at nuclear cycle 14. Vertical is down, and dorsal is up. Both localized plasma membrane and particulate Toll are visible.

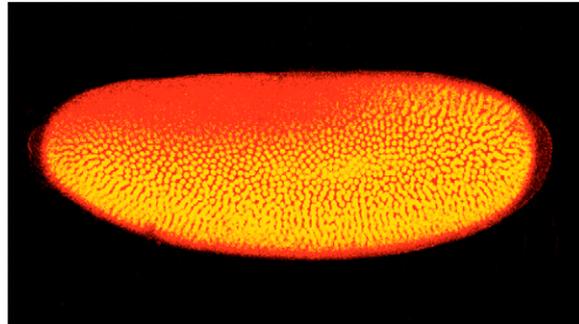


Fig. S3. 3D reconstruction from confocal live imaging of the expanded Dorsal-GFP gradient after microinjection of synthetic mRNA encoding constitutively active Rab5Q88L as a bolus on the ventral side at midline.