

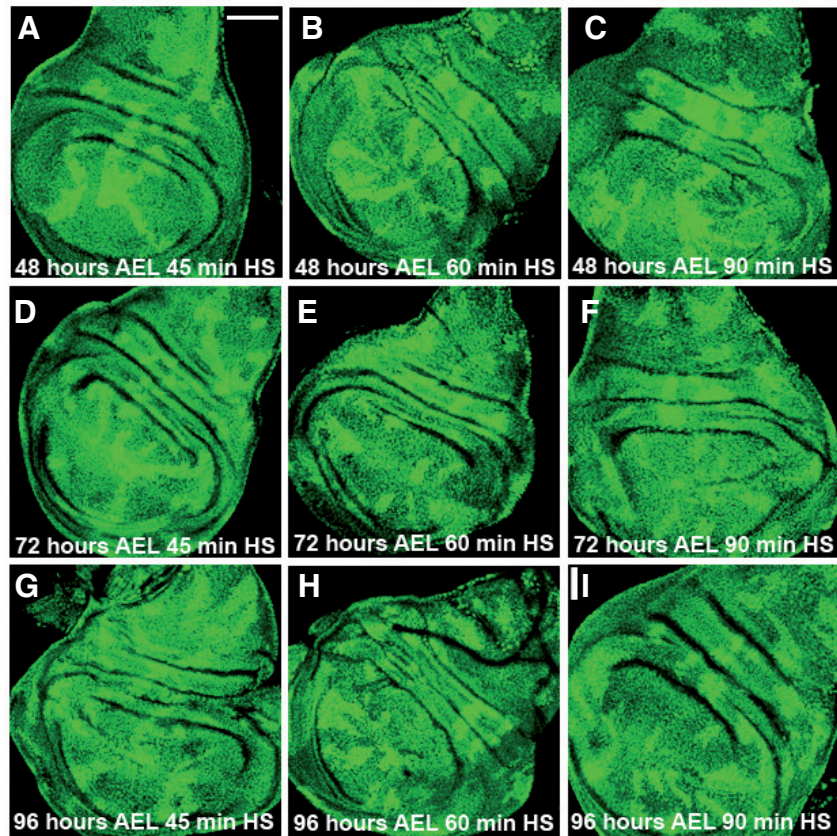
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SUPPLEMENTARY MATERIAL

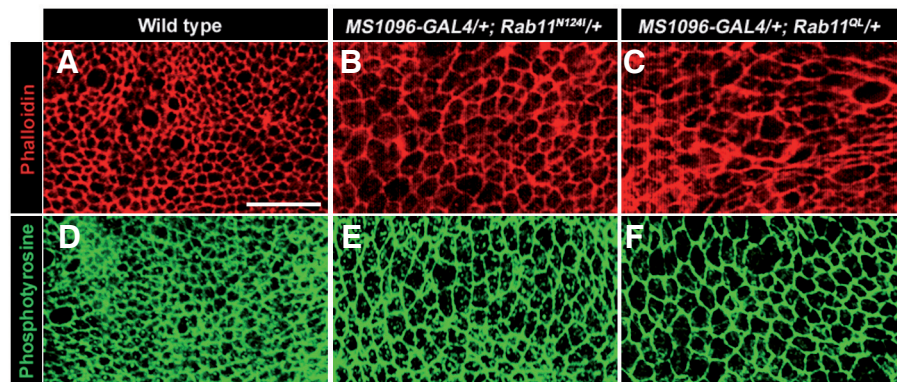
corresponding to:

**Rab11 is required for cell adhesion, maintenance of cell
shape and actin-cytoskeleton organization during
Drosophila wing development**

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Supplementary Fig. S1. Mitotic clones in wing imaginal disc cells mutant for *Rab11*^{EP(3)/3017}. *Rab11* homozygous mutant clones (A-I) were induced at 48/72/96 h after egg laying (AEL) and heat shock (HS) was given for 45/60/90 min in wing imaginal discs, do not survive as revealed by the absence of non-GFP cells, whereas their twins (cells expressing higher levels of GFP) do survive. Scale bar, 50 μ m.



Supplementary Fig. S2. *Rab11*^{N124I} or *Rab11*^{QL} expression results in cell shape changes in wing imaginal disc. Phalloidin staining shows (A-C) cortical actin-filaments associated with the apical adherens junctions outlining the apical ends of the cells. Over-expressed mutant *Rab11* cells showing increase in their apical ends (B,C) as compared with wild type (A). Apico-lateral cell surface (D-F) was also visualized after staining with anti-phosphotyrosine antibody. Over-expressed mutant *Rab11* cells expand their apico-lateral cell surfaces (E,F) as compared with wild type (D). Scale bar, 10 μ m.