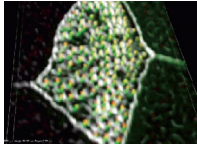
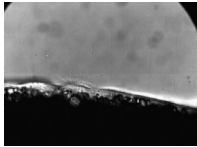


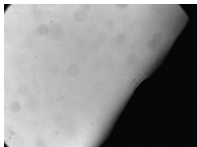
Werner et al., <http://www.jcb.org/cgi/content/full/jcb.201106110/DC1>



Video 1. **Complex interactions between actin, basal bodies, and rootlets.** 3D rendering of a confocal stack of a polarized ciliated cell from a *Xenopus* embryo injected with centrin-RFP (red) and GFP-CLAMP (green) and stained with phalloidin (white). Images were captured on an A1R confocal microscope and rendered using Elements software.



Video 2. **Metachronal synchrony of cilia beating.** A ciliated cell from a stage 29 *Xenopus* embryo mock treated with 0.1% DMSO overnight. The video was captured on a BX51 microscope with a 100 \times objective using a Phantom 7.2 camera. Images were captured at 6,688 frames per second and were played back at 30 frames per second.



Video 3. **Loss of metachronal synchrony after treatment with Cyto D.** A ciliated cell from a stage 29 *Xenopus* embryo treated overnight with 10 μ M Cyto D. The video was captured on a BX51 microscope with a 100 \times objective using a Phantom 7.2 camera. Images were captured at 6,688 frames per second and were played back at 30 frames per second.