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Supplemental Information

Dynamics of Tissue-Induced Alignment of Fibrous Extracellular Matrix

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Supplementary Figure Legends

Figure S1: Epithelial and fibroblast tissues exhibit junctional β -catenin. Phase-contrast images of a representative (A) EpH4 mouse mammary epithelial tissue and (B) NIH3T3 fibroblast tissue. Immunofluorescence staining for β -catenin (green) in a representative (C, E) EpH4 mouse mammary epithelial tissue and (D, F) NIH3T3 fibroblast tissue. Nuclei are counterstained with Hoechst 33342 (blue). Scale bars, 50 μ m.

Figure S2: E Δ -expressing cells exhibit reduced junctional β -catenin. Immunofluorescence staining for β -catenin (green) in EpH4 mouse mammary epithelial cells transduced with (A) AdGFP or (B) AdE Δ . Arrows indicate disrupted β -catenin localization at cell-cell boundaries. Nuclei are counterstained with Hoechst 33342 (blue). Scale bars, 50 μ m.

Figure S3. E-cadherin expression in stable MDA-MB-231 cell lines. (A) Relative transcript levels of E-cadherin in YFP or Ecad-GFP MDA-MB-231 cells. (B) Immunoblot analysis for E-cadherin in YFP or Ecad-GFP in stable MDA-MB-231 cell lines. * $P < 0.05$. Figure adapted from (28).

Figure S1

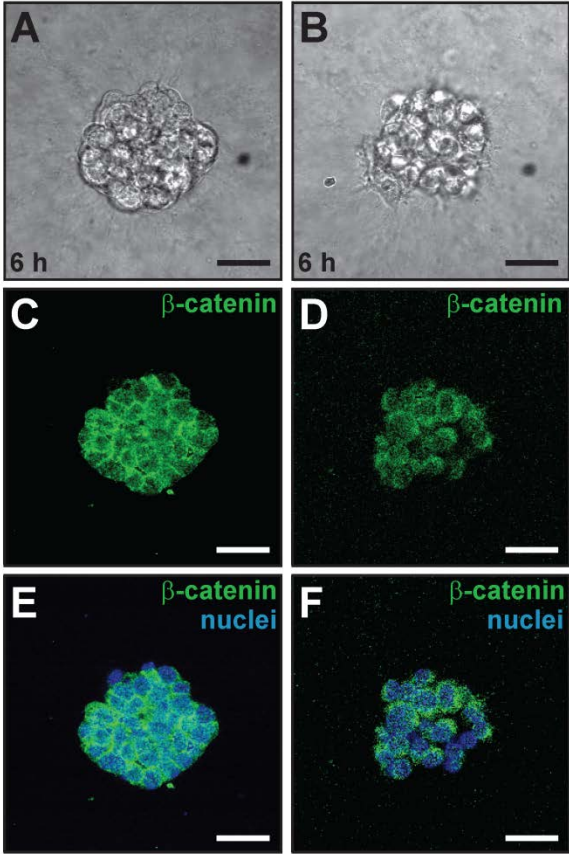


Figure S2

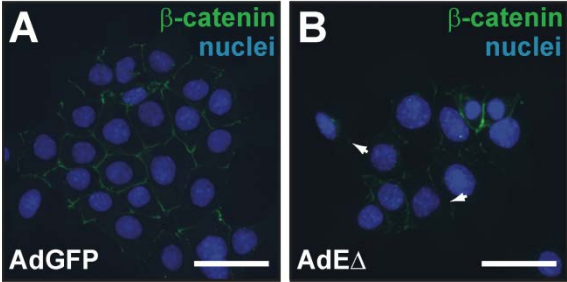


Figure S3

