

SUPPLEMENTARY MATERIALS

Supplementary Figure S1. Analysis of bleed-through signals. Actin, tagged with a nuclear localization signal and with either EYFP (EYFP-NLS-actin, A) or mCherry (mCherry-NLS-actin, B), was expressed in HeLa cells, and cells were observed under a laser-scanning confocal microscope as described in Fig. 1A. In this case, the secondary antibody conjugated with either Alexa568 or Alexa488 was omitted in order to examine the bleed-through of fluorescence signals of EYFP or mCherry into the channel that was used for the detection of β -catenin signal.

Supplementary Figure S2. Comparison of growth of HeLa and HaCaT cells.

Growth of HeLa and HaCaT cells was measured using a TC20 automated cell counter. Data shown are mean \pm s.e.m. of three independent experiments. **, $P < 0.01$.

Supplementary Figure S3. Luciferase assay with a construct lacking the TCF/LEF binding site.

The reporter plasmid construct lacking the TCF/LEF binding site was introduced into HeLa cells expressing EYFP, EYFP-actin or EYFP-NLS-actin, and the cells were cultured in serum-free medium for 24 h. The luciferase activity was measured as described in Fig. 3A, and the observed activity was plotted relative to that in cells expressing EYFP, the value for which was assigned as 1.0.

Supplementary Figure S4. Effect of actin depolymerization on the expression of *TCF-1*.

The actin depolymerizing agent mycalolide B decreases the expression of *TCF-1*. HaCaT cells were treated without (control) or with 100 nM mycalolide B (MB) for 24 hr. The expression of *TCF-1* in MB-treated and untreated cells was analyzed by RT-PCR. Data shown are mean \pm s.e.m. of at least three independent experiments. **, $p < 0.01$.