



Supplementary Figure S1 TAIII attenuated lamellipodia formation.

a. MDA-MB-231 cells treated with 10 μM TAIII were subjected to time-lapse imaging analysis. Dashed line tracing in each color highlights outer edge of the individual cells. Bar; 20 μm . b. Outlines of dynamic cell shape changes of the individual cells in (a). c. The ratio of cells with lamellipodia after TAIII treatment in (a). Each column shows the mean \pm s.e.m. of three independent experiments. * $p < 0.05$, ** $p < 0.001$ and *** $p < 0.005$ compared with cells at 0 min after TAIII treatment. d. The ratio of lamellipodia area in each individual cell after TAIII treatment in (b) ($n = 40$). Each column shows the mean \pm s.d. *** $p < 0.005$ compared with cells at 0 min after TAIII treatment. e. Relative cell area in each individual cell after TAIII treatment in (b) ($n = 40$). Each column shows the mean \pm s.d. *** $p < 0.005$ compared with the cell area at 0 min after TAIII treatment. f. MDA-MB-231 cells treated with 10 μM TAIII for 1 h were fixed and stained with phalloidin. Bar; 20 μm .