

Figure S1. (A) Luciferase activity of an NF- κ B-luciferase reporter plasmid in TAGLN2-expressing 293T cells, measured 4 h after stimulation with different concentrations of TNF α , presented relative to the activity of *Renilla* luciferase. Data shown were representative of three independent experiments. (B) Immunoblotting of TAGLN2, p100, p65/RelA, p50 and I κ B expression in human breast cancer cell lines. Lamin B1 was used as nuclear loading control for nuclear p65/RelA expression. Western blots were representative of three independent experiments. (C) Pearson correlation analysis of TAGLN2 and p65 expression levels in breast cancer cell lines ($R=-0.444$, $P=0.199$, $n=10$). NF- κ B, nuclear factor- κ B; TAGLN2, transgelin 2; TNF α , tumor necrosis factor α .

