Supplementary data

Wound healing effect of gintonin involves lysophosphatidic acid receptor/vascular endothelial growth factor signaling pathway in keratinocytes

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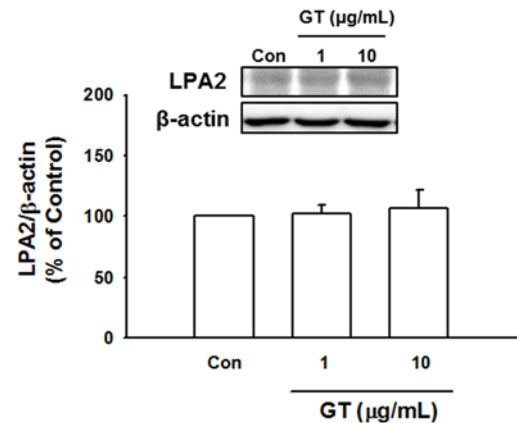
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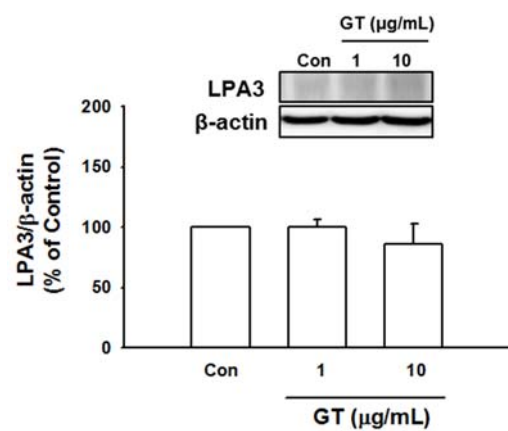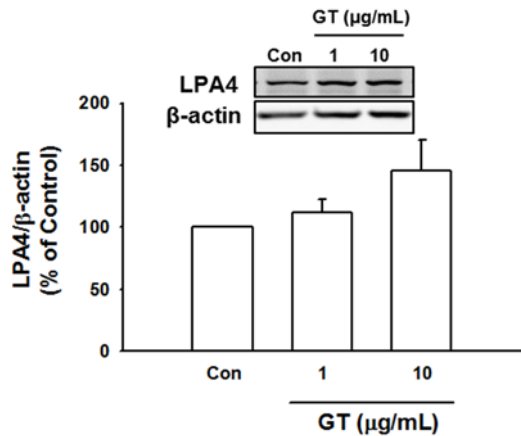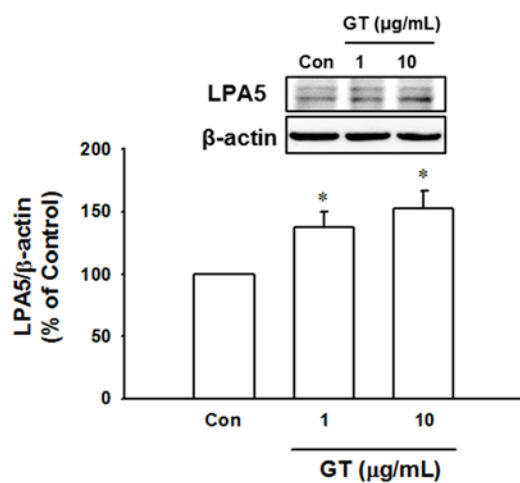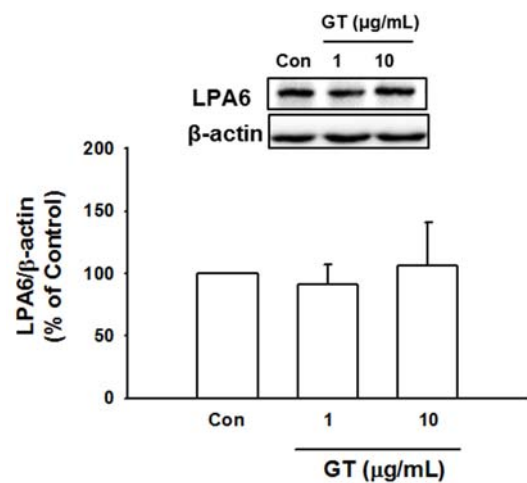
† These authors contributed equally to this work.
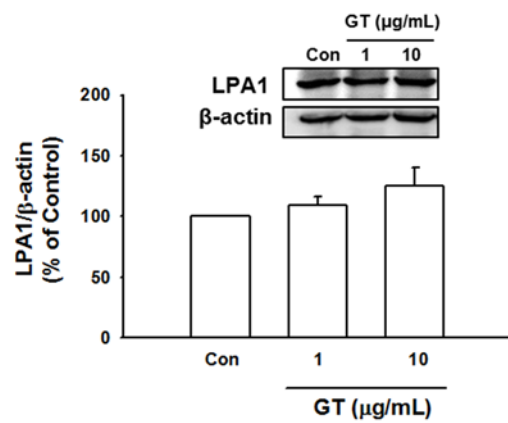
Figure S1. Expression of lysophosphatidic acid (LPA) receptor subtypes in HaCaT cells. Cells were incubated in serum-free medium with gintonin (GT, 1 or 10 μg/mL) for 6 h. Then, the cell lysates were analyzed by immunoblotting, using LPA receptor subtypes LPA1-6 antibodies as described in the Materials and Methods section of the main text. Response in untreated cell (Con) was considered as 100%. Data represent means ± S.E.M. (n = 6); *p < 0.05, vs. untreated cells.
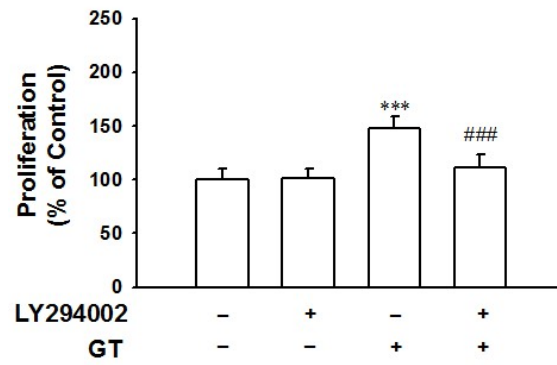
Figure S2. Effect of PI3K inhibitor LY294002 on gintonin-induced proliferation of HaCaT cells. Cells were incubated in serum-free medium with gintonin (GT, 10 µg/mL) in the presence or absence of inhibitor for 24 h. Then, XTT-based assay was performed. LY294002 (25 µM). Response in untreated cell was considered as 100%. Data represent means ± S.E.M. (n = 6); ***$p < 0.001$, vs. untreated cells; ###$p < 0.001$, vs. GT alone.