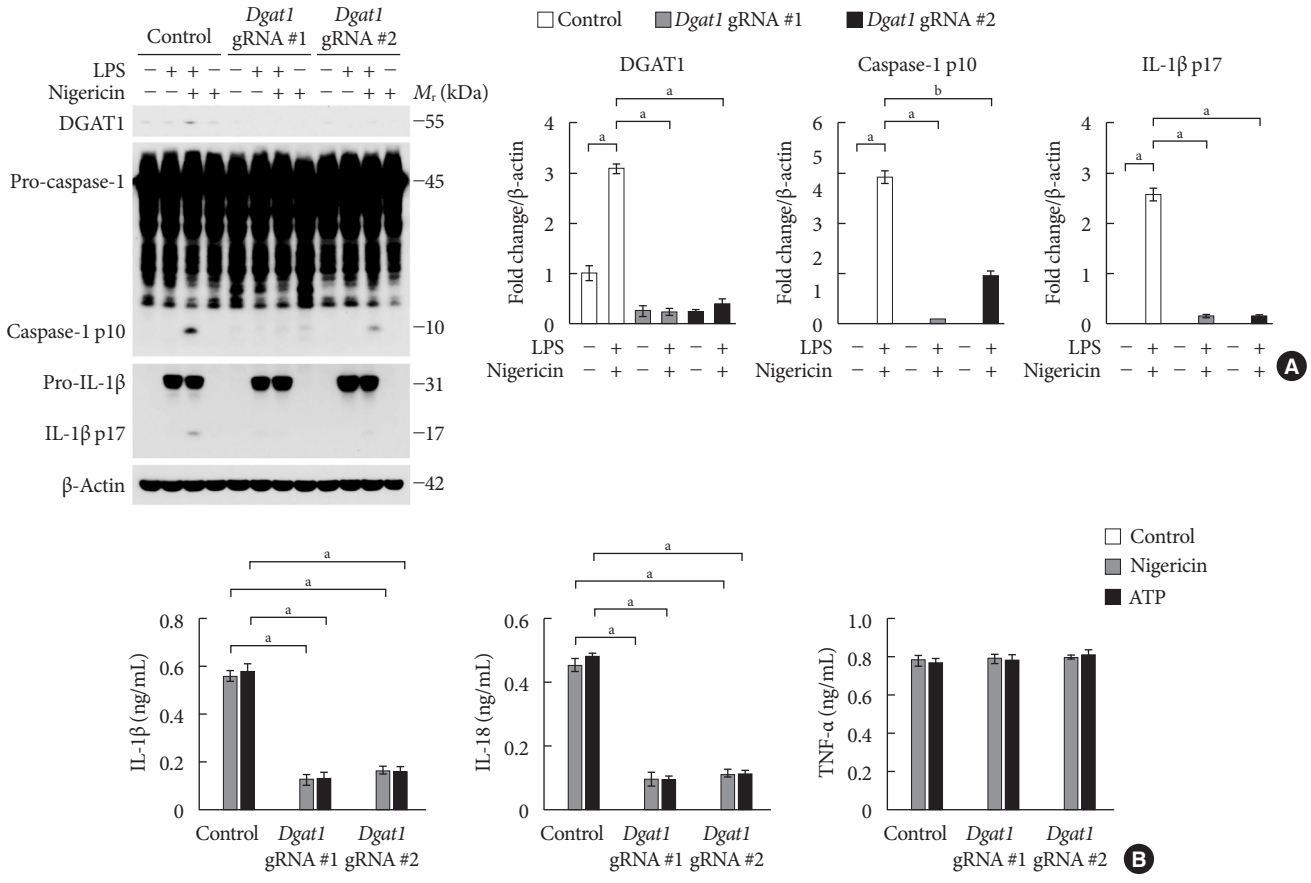


**Supplementary Fig. 4.** Deficiency of diacylglycerol acyltransferase-1 (DGAT1) suppresses nucleotide-binding domain, leucine-rich-repeat-containing receptor (NLR), pyrin-domain-containing 3 (NLRP3) inflammasome activation. (A) Representative immunoblot analysis for DGAT1, caspase-1, and interleukin 1β (IL-1β; left), and densitometry quantification of DGAT1, caspase-1 p10 and IL-1β p17 levels (normalized to levels of β-actin; right) from wild-type (WT) bone marrow-derived macrophages (BMDMs) were transduced with *Dgat1*-targeting gRNAs (*Dgat1* gRNA #1 and *Dgat1* gRNA #2), or with a control plasmid (control), and were stimulate with nigericin after lipopolysaccharide (LPS) incubation. (B) Quantification of IL-1β (left), IL-18 (middle), and tumor necrosis factor α (TNF-α; right) secretion from WT BMDMs were transduced with *Dgat1*-targeting gRNAs (*Dgat1* gRNA #1 and *Dgat1* gRNA #2), or with a control plasmid (control), and were stimulated with nigericin or adenosine triphosphate (ATP) after LPS incubation. All data are mean±standard deviation. Data are representative of three independent experiments and each carried out in triplicate. $^{a}P<0.01$, $^{b}P<0.05$, by two-tailed *t*-test.