

Supplementary information, Figure S1

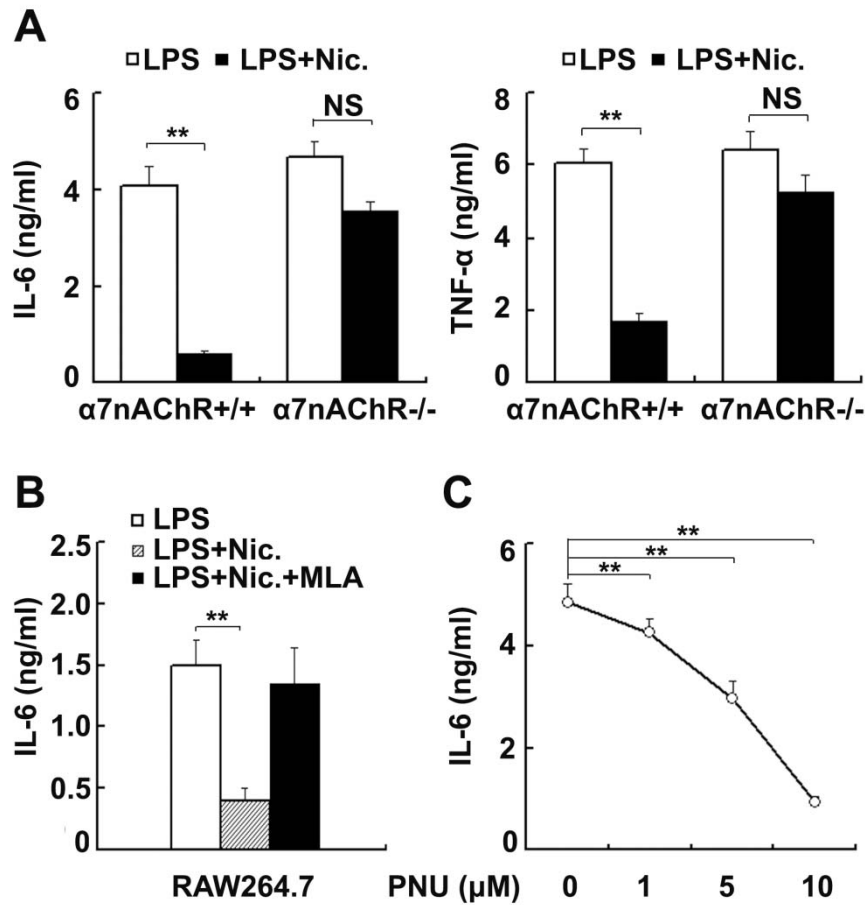


Figure S1 $\alpha 7nAChR$ is required for the inhibitory role of cholinergic agonists in cytokine production. **(A)** ELISA detection of IL-6 (left) and TNF- α (right) in the supernatant of peritoneal macrophages from $\alpha 7nAChR^{+/+}$ or $\alpha 7nAChR^{-/-}$ mice treated with 100 ng/ml LPS in the presence or absence of 5 mM nicotine for 9 h. **(B)** ELISA detection of IL-6 in the supernatant of RAW264.7 cells pre-incubated with vehicle, 5 mM nicotine, 5 mM nicotine in combination with 10 μM MLA and then stimulated with 100 ng/ml LPS for 9 h. **(C)** ELISA detection of IL-6 in the supernatant of RAW264.7 cells incubated with the indicated doses of PNU for 10 min and then stimulated with 100 ng/ml LPS for 9 h. Data represent mean \pm S.D. ($n = 3$). NS, not significant; $**P < 0.01$ by Student's t -test.