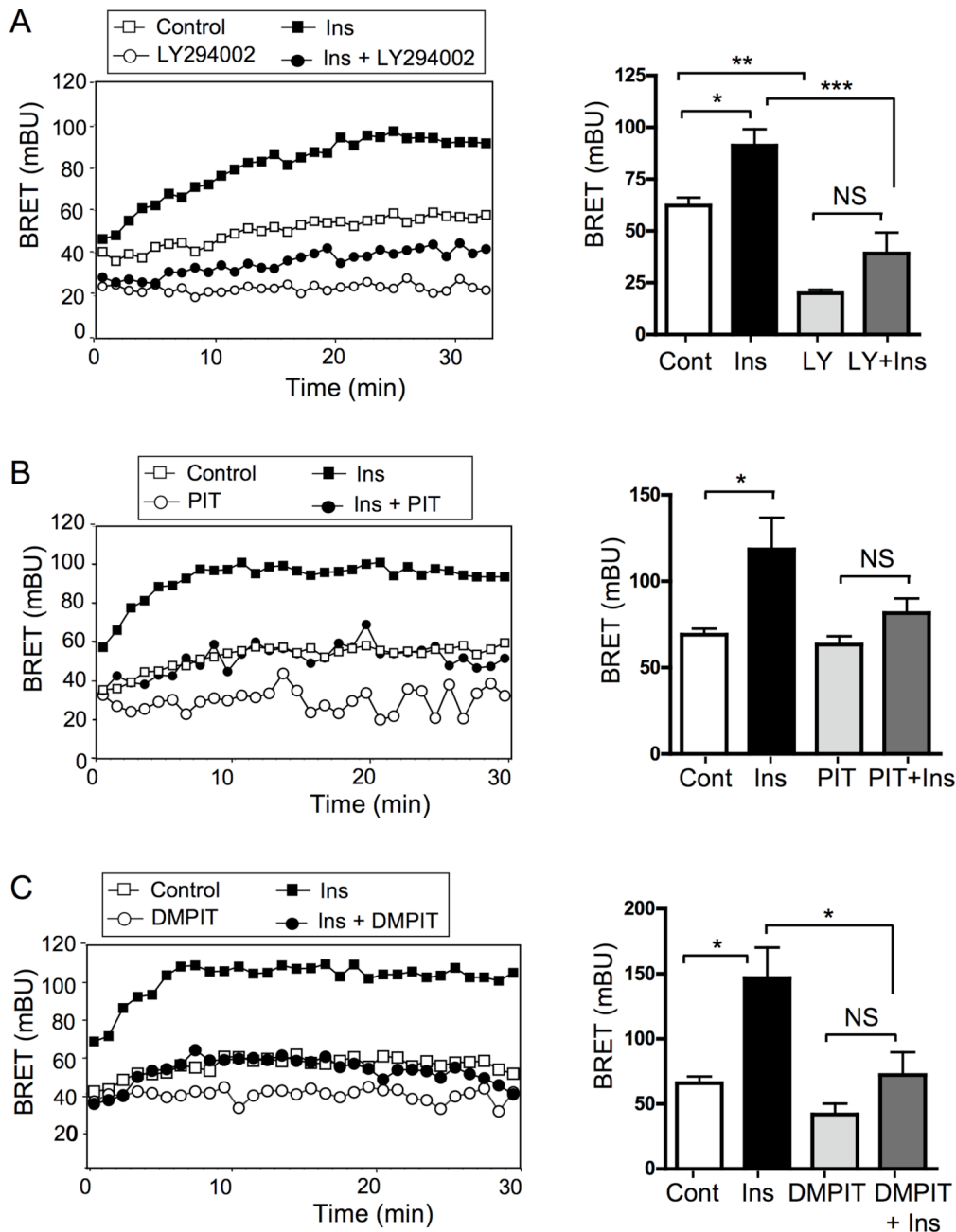


Supplementary Figure S2



Supplementary Figure S2: Effect of inhibitors of PI3K signaling on insulin-stimulated PIP₃ production in MCF-7/B2 cells.

(A) MCF-7/B2 cells were preincubated for 1h in absence or presence of 25 μ M of the PI3K inhibitor LY294002. Cells were then stimulated with 10nM insulin and light emission acquisition started immediately. A typical real-time BRET experiment (left panel) and the mean \pm SEM of BRET values at the plateau (right panel) of 4 independent experiments are shown. (B, C) MCF-7/B2 cells were preincubated for 4h in absence or presence of 10 μ M of the inhibitors of Akt-PH/ PIP₃ interaction PIT-1 (B) and DMPIT-1 (C). Cells were then stimulated with 10 nM insulin, and light emission acquisition started immediately. Typical real-time BRET experiments (left panels) and mean \pm SEM of BRET values at the plateau (right panels) of 3 to 5 independent experiments are shown. Statistical analysis was performed using ANOVA followed by Tukey's test. *, P < 0.05; **, P < 0.01; ***, P < 0.001; NS, Non significant.