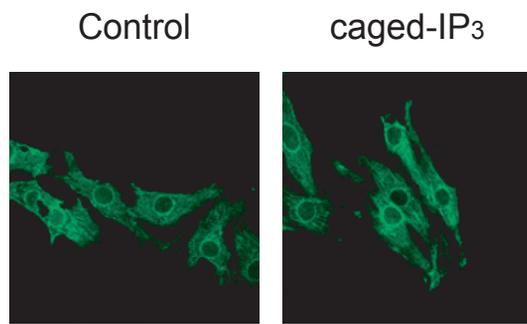
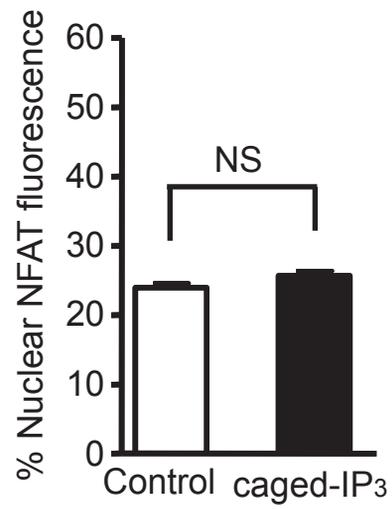
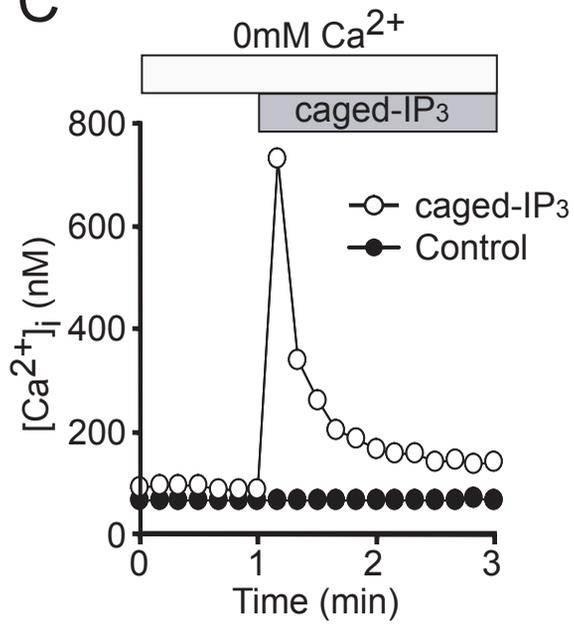


Figure S5. Failure of IP₃-mediated signaling in Ang II-induced NFAT activation.

(A) Fluorescence image of caged-IP₃ (10 μM)-induced localization of GFP-NFAT4 upon UV irradiation. UV (340 nm, 180 msec) was irradiated every 10 sec for 1 min. (B) Quantification of nuclear predominant fluorescence of GFP-NFAT4. NS, no significance from Control. (C, D) Typical traces (C) and peak changes (D) of caged-IP₃-induced increases in [Ca²⁺]_i (Ca²⁺ release) upon UV irradiation in Ca²⁺-free Tyrode solution. ***; *P* < 0.001 vs Control. Pluronic F127 (Dojindo) was also included at 0.1% during fura-2 loading and washed. Caged-IP₃ was then applied to the cells.

A**B****C****D**