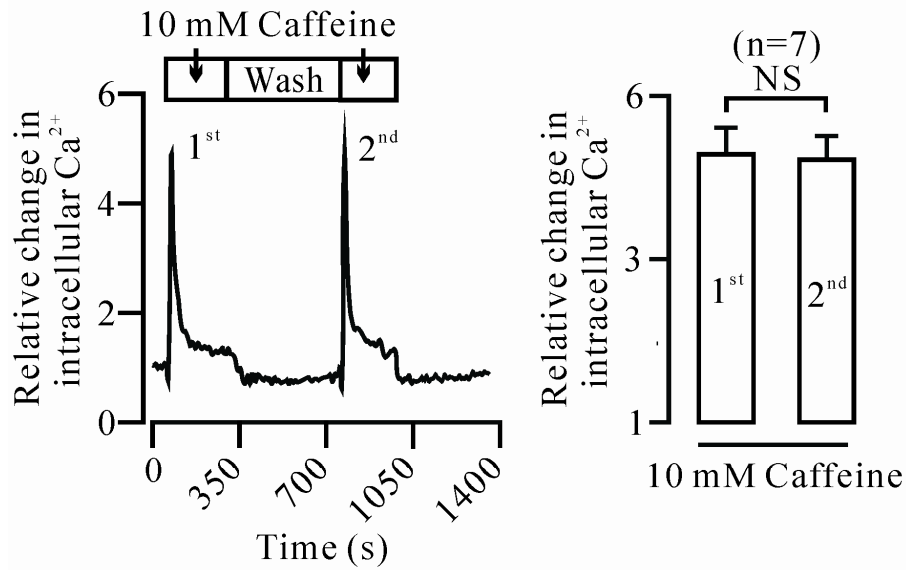


Figure S6

A



B

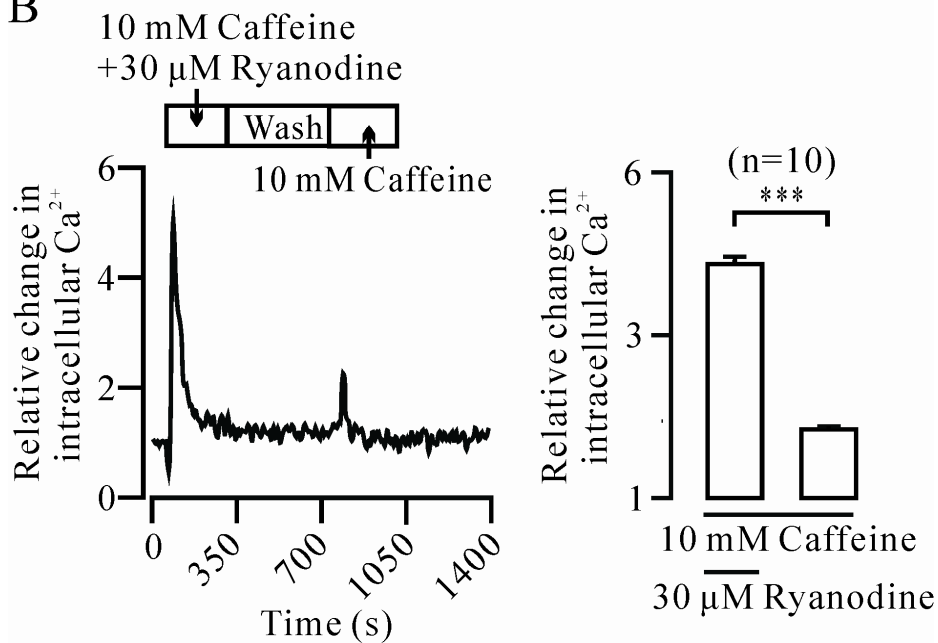


Figure S6. Ryanodine inhibits caffeine-induced Ca^{2+} increases. (A) Caffeine (10 mM) and ryanodine (30 μ M) were used to open and block RyRs, respectively, which induced Ca^{2+} increases measured with fluo-4 AM and confocal microscope. Following washout, caffeine-induced Ca^{2+} increases were still observed. **(B)** The summary results from 10 cells. ***: $p < 0.001$; NS: $p > 0.05$. These data imply that caffeine can induce Ca^{2+} elevations via RyR-independent pathway.