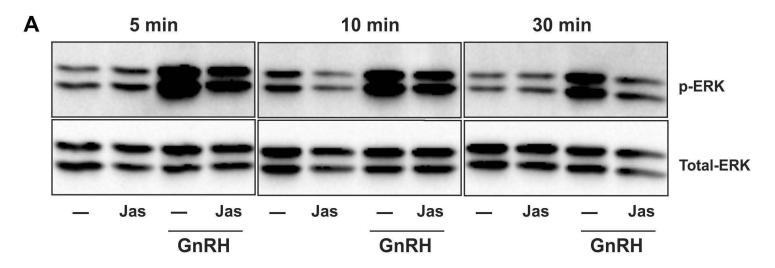
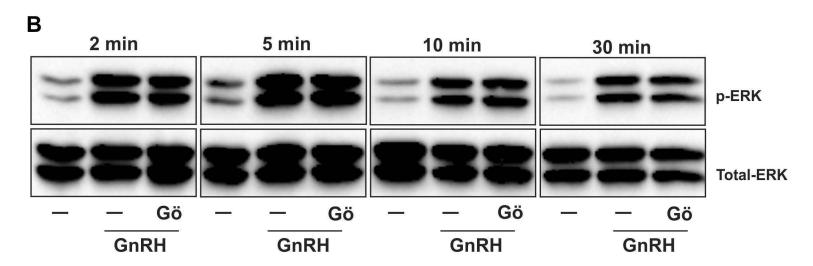
Dang et al., "GnRH evokes localized subplasmalemmal calcium signaling in gonadotropes" (ME-14-1208)

Data for reviewers only; not to be included in the manuscript.



Western blot analysis of ERK activation (as measured by ERK phosphorylation) in α T3-1 cells exposed to GnRH (3 nM) with or without actin stabilization with jasplakinolide (100 nM for 5, 10, or 30 minutes). Representative of \geq 3 independent experiments.



Western blot analysis of ERK activation (as measured by ERK phosphorylation) in α T3-1 cells exposed to GnRH (3 nM) in the presence or absence of PKC alpha/beta inhibition with Gö6976 (100 nM for 2, 5, 10, or 30 minutes). Representative of \geq 3 independent experiments.

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SUPPLEMENTAL MOVIE 1. Representative TIRF movie showing localized Ca^{2+} influx in an $\alpha T3-1$ cell exposed to GnRH as described in Figure 1.