

SUPPORTING INFORMATION

ERK Oscillation-Dependent Gene Expression Patterns and Deregulation By The Stress-Response

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Running title: ERK oscillation-dependent gene expression

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Movie S1. Movie illustrates normal human keratinocytes treated with 10 ng/ml TGF α with cells displaying observable oscillations. After sufficient oscillations were monitored to determine that they were persistent, 1 mM bromate was added resulting in the inhibition of oscillatory behavior. Representative single cell tracings are illustrated in Figure 6.

Movie S2. Movie illustrates JB6 cells treated with 10 ng/ml bFGF with cells displaying observable oscillations. After sufficient oscillations were monitored to determine that they were persistent, 1 mM bromate was added and toward the end of the movie the oscillations stop with accumulation of ERK-GFP in the nucleus apparent. Representative single cell tracings are illustrated in Figure 6.