



Fig. S2 *Nifedipine blocks glucose-stimulated exocytosis as measured by TIRFM.* β TC3 cells were transfected with SEP-VAMP2, and secretory granule exocytosis was observed using TIRFM. Glucose-starved cells were stimulated with 8 mM glucose alone, or pretreated with 25 μ M nifedipine before glucose stimulation. Sum changes to baseline fluorescence were quantified for 30 frames following glucose treatment and normalized to the glucose-treated condition. The * indicates statistical significance ($P < 0.05$, two-tailed t-test, $N = 6$), and error bars indicate the SEM.