



Supplementary Fig 1: SOCE with suppressed change in $[Ca^{2+}]_{cyto}$. A, F_3 and B, R in t system, acquired while changing from a solution with 5 mM BAPTA, 0 Ca and 0.65 mM Mg^{2+} to release-inducing low Mg^{2+} -BAPTA. C, spatially averaged $F_3/F_{3,0}$ (red) and R (blue) vs. elapsed time, which directly correspond to time and y axis in A and B. This figure includes the signals from the resting cell, and shows that they are reasonably uniform before release-inducing solution is substituted for reference-0 Ca^{2+} -BAPTA. Other details as in Fig 4. ID: 072805f_s012.