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Supporting Information

for

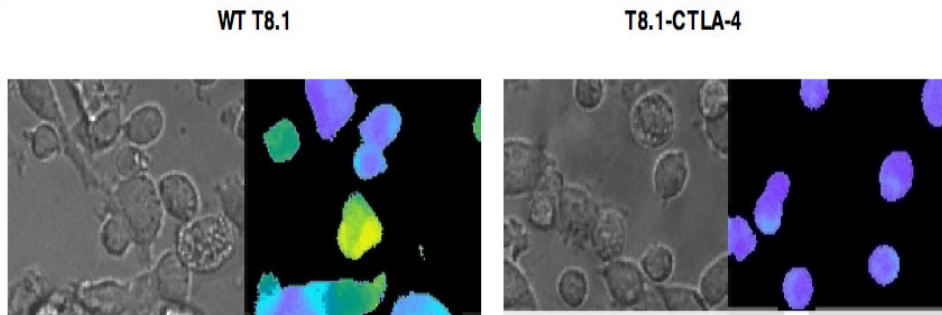
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**CTLA-4 disrupts ZAP70 microcluster formation with reduced T cell/APC
dwell times and calcium mobilization**

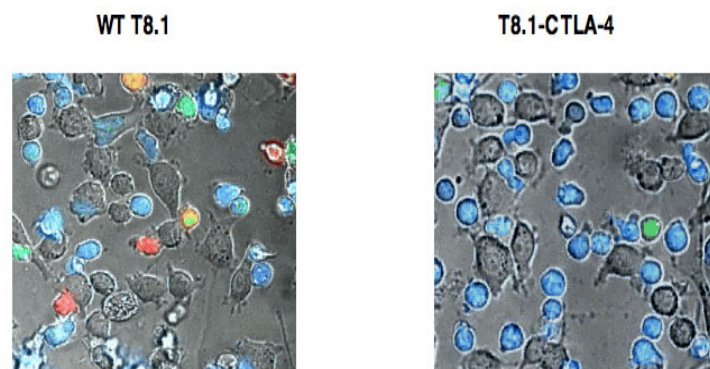
Helga Schneider, Xin Smith, Hebin Liu, Georges Bismuth and Christopher E. Rudd

Supplemental Figure 1

Movie 1



Movie 2



Movies 1 and 2. Calcium response of T8.1 cells interacting with APC. L625.7 cells were plated on glass coverslips mounted on Petri dishes and incubated with antigen [1 $\mu\text{g}/\text{mL}$ Ttox (830–843) peptide] for 18 h at 37°C before addition of WT T8.1 cells (movie 1) or CTLA-4-expressing T8.1 cells (movie 2) previously loaded with Fura-2/AM. Transmitted light and intracellular calcium levels (shown as pseudocolor images corresponding to 340/380 ratios) were acquired every 10 s during 20 min. Movies were made with the Metafluor software.