

Supplemental Figure Caption

Figure S1. Population distributions of Ca^{2+} levels. Bars show the percentage of cells showing greater than 3x the Ca^{2+} of untransfected, prestimulation cells. Ca^{2+} levels (Fluo-4 fluorescence) were normalized to the average prestimulation Ca^{2+} level in untransfected cells for each experiment as in Figure 3. Distributions of Ca^{2+} levels in A) unstimulated cells, and B) cells after 10 min. in the presence of 150 nM thapsigargin. Cells scored in each sample were transfected with a pair of wild type or mutant STIM1 and Orai1. Each STIM1/Orai1 pair represents 20-60 cells, and error bars show SE.

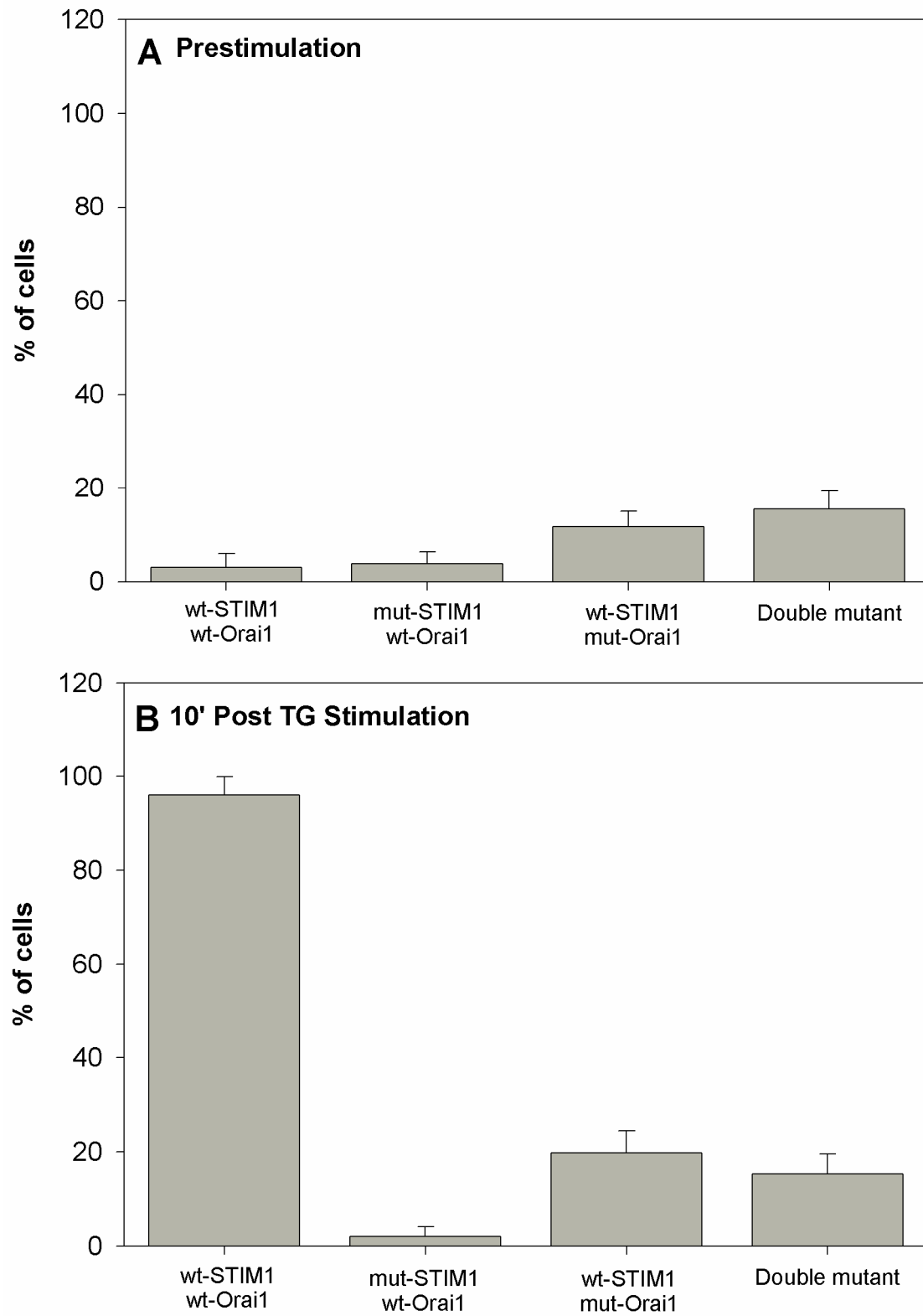


Figure S1

