Supporting Information

Depletion of plasma membrane-associated phosphoinositides mimics inhibition of TRPM7 channels by cytosolic Mg^{2+}, spermine and pH

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Content

Figure S1

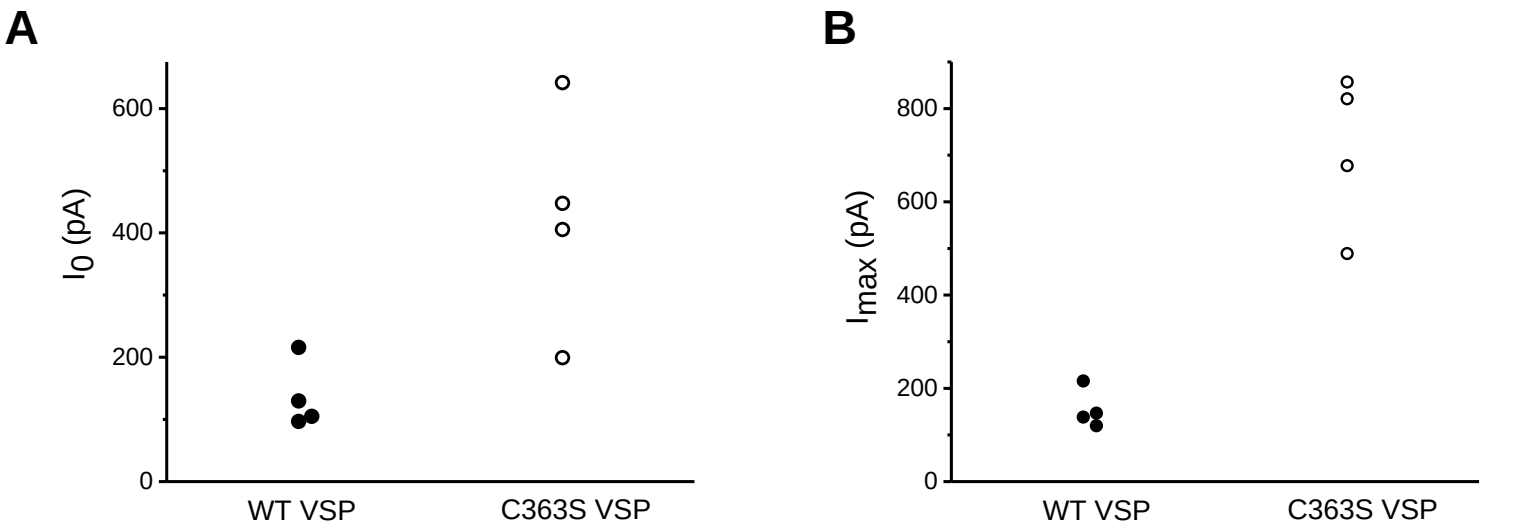

Figure S1. Effect of high levels of WT and C363S VSP expression on break-in (I_0) and maximum (I_{max}) current amplitudes. A, B. Scatter graph of I_0 and I_{max} amplitudes in WT (filled symbols) and C363S-expressing (empty symbols) cells. C, D. Summary of data shown in A and B. For these measurements HEK cells were incubated in the transfection mix containing VSP plasmids for 2 days without washout. Voltage ramps were followed by a 4 s duration step to +30 mV. *$p<0.05$, Student's pairwise t test. Internal free $[Mg^{2+}] \approx 100$ nM.