



Supplementary Figure S1. Alteration in intracellular chloride concentration leads to shift in CaCC's reversal potential. Current recordings were performed in inside-out patches with 105 mM CaCl₂ in the pipette. The channel activity was induced by addition of 100 μ M Ca²⁺ to the bath. (A) Anion currents via CaCC channel before and after application of bath solution with higher [Cl]_i at membrane potentials as indicated. *Left* – current recordings in 130 mM Glutamate⁻, 10 mM Cl⁻ in bath solution. *Right* – current recordings in 140 mM Cl⁻ in bath solution. (B) A summary graph demonstrating reversal potential shift of CaCCs before and after application of bath solution with higher [Cl]_i (n = 5); *p < 0.05 by the Paired-Sample Wilcoxon Signed Rank Test.