



Figure S8. Modeling force output consequent to spike APs or plateau-like APs. *A*, a simulated bursting AP and consequent force induced with a 10 s current clamp at -0.4 pA pF^{-1} in comparison to experimental data of rat longitudinal muscle (*right*) [108]. *B*, a simulated plateau-type AP and consequent force (*left*) instigated with a 10 s current clamp at -0.4 pA pF^{-1} , reduced potassium conductances ($\bar{g}_K = \bar{g}_{KCa} = 0.55 \text{ nS pF}^{-1}$) and left-shifted I_{CaL} half inactivation at -50 mV compared to panel A, in comparison to experimental data (*right*) [108].