

Comparison of regulated passive membrane conductance in action potential–firing fast- and slow-twitch muscle

Thomas Holm Pedersen, William Alexander Macdonald, Frank Vincenzo de Paoli, Iman Singh Gurung, and Ole Bækgaard Nielsen

Volume 134, No. 4, October 5, 2009. Pages 323–337.

Please note that in the original Fig. 2 B, the circles were mislabeled. The data for G_K are indicated by filled circles, whereas the data for G_{Cl} are indicated by open circles. The correct figure appears below.

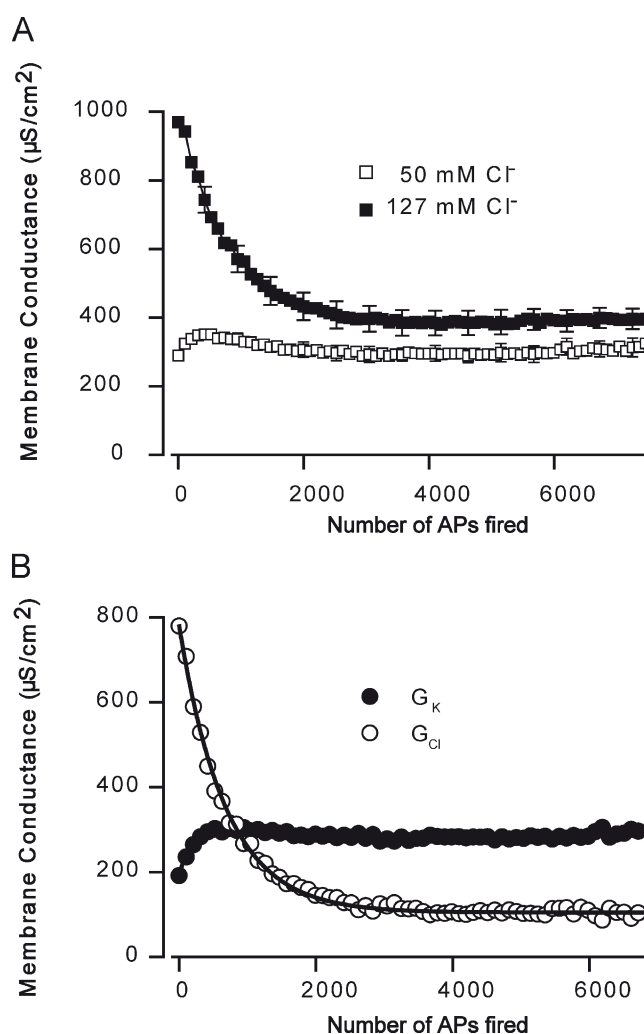


Figure 2. Component conductances, G_K and G_{Cl} , in slow-twitch soleus fibers firing APs. From experiments conducted at two concentrations of extracellular Cl^- , it was possible to extract G_K and G_{Cl} using Eq. 4 from Pedersen et al. (2009). (A) G_m dynamics at 50 and 127 mM Cl^- obtained using AP trains of 30 Hz. (B) Calculated G_K and G_{Cl} . Average data are presented as mean \pm SEM.