Dynamics of a neuronal pacemaker in the weakly electric fish *Apteronotus*

Aaron R. Shifman 1,2,3* , Yiren Sun 1,2,3 , Chloé M. Benoit 1,2,3 , and John E. Lewis 1,2,3

¹ Department of Biology, University of Ottawa, Ottawa, Ontario, Canada K1N 6N5

² Center for Neural Dynamics, University of Ottawa, Ottawa, Ontario, Canada K1N 6N5

³uOttawa Brain and Mind Research Institute, Ottawa, Ontario, Canada K1H 8M5

^{*}ashifman@uottawa.ca

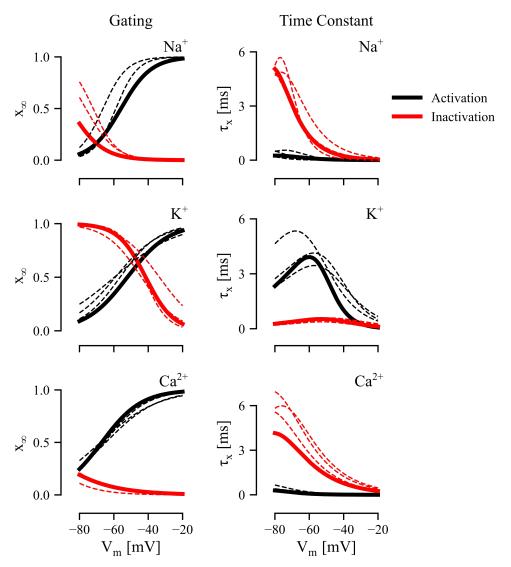


Figure S1. Voltage-dependence functions for each model current across all model fits. Thick lines represent canonical model in figure 1C(i) and dashed lines represent models in figure 1C(ii-iv). Gating functions (left) and time constant functions (right) with rows representing functions for sodium, potassium, and calcium descending.