

Figure S2. TTX regulates voltage-gated Na⁺ channel of *L. stagnalis* RPeD1 neuron in a dose-dependent manner. (A) Representative Na⁺ currents activated from a voltage step from a holding voltage of -50 mV to +10 mV in the absence or presence of various TTX concentrations. Note a residual current that was not blocked by 300 μ M of TTX; it is considered TTX-insensitive component. (B) Dose-response curve of the TTX sensitive voltage-gated Na⁺ current. Data are presented as mean \pm s.e.m. (n = 3) and the curve was fit with Hill equation. Half-maximal inhibitory concentration (IC₅₀) is 23.7 μ M.