Supplement materials

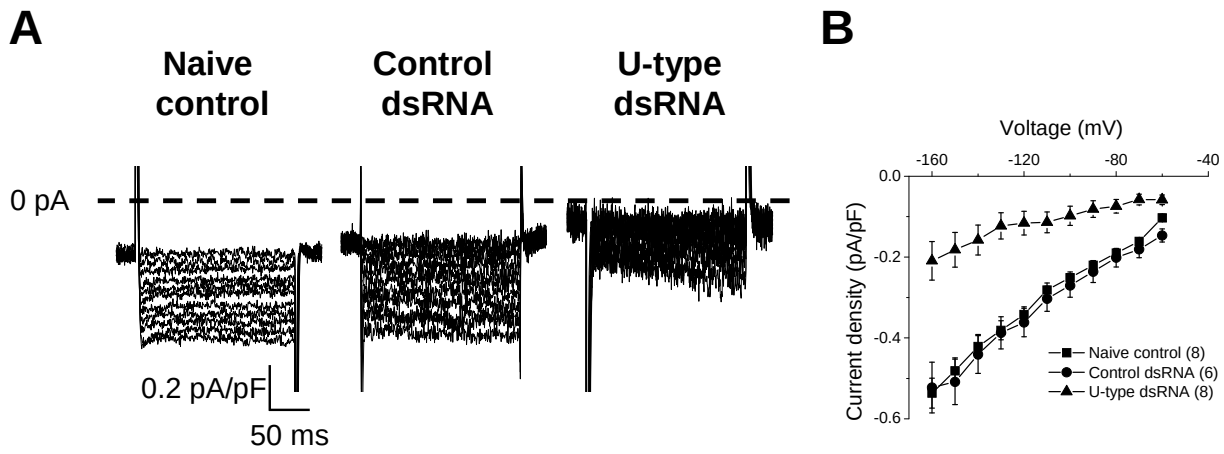

Figure S1. Partial knockdown of U-type channel reduces inward hyperpolarizing Na^+ current in RPeD1 neurons. (A) Representative Na^+ current generated by subtracting the current obtained in Na^+ free condition from that in saline from RPeD1 neurons in naive control, control dsRNA, and U-type dsRNA treatments (from the data presented in Figure 5B). (B) Average I_{Na} density-voltage (I-V) relations of naive control (n = 8), control dsRNA (n = 6), and U-type dsRNA (n = 8) treatment. U-type knockdown significantly reduces inward I_{Na} densities at all hyperpolarizing voltages ($P < 0.05$).