Supplementary information, Figure S2

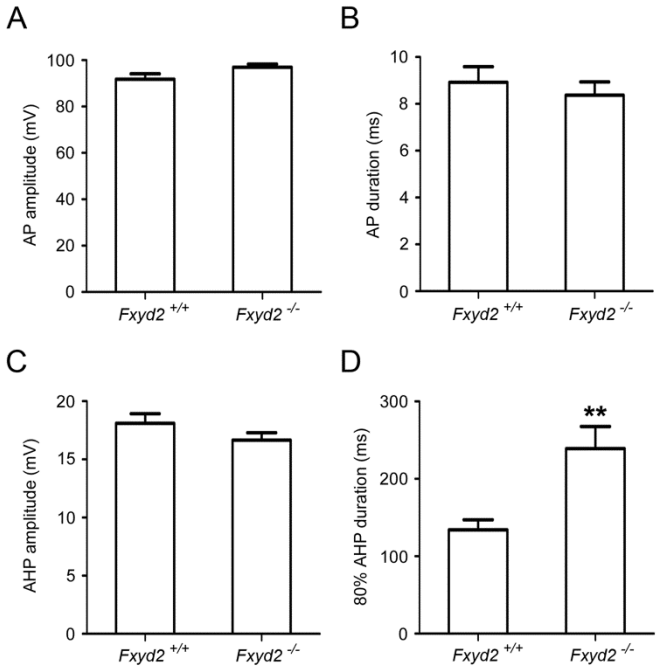

Figure S2 Recording of AP and AHP in IB4-positive small DRG neurons. (A) The AP of IB4-positive small DRG neurons dissociated from adult mice was recorded in the current-clamp mode. The AP amplitude of the neurons from *Fxyd2*$^{-/-}$ mice was not apparently changed, as compared with that of *Fxyd2*$^{+/+}$ mice (n = 37 for *Fxyd2*$^{+/+}$ and n = 50 for *Fxyd2*$^{-/-}$ mice). (B) The AP duration of IB4-positive, *Fxyd2*$^{-/-}$ DRG neurons was similar to that of *Fxyd2*$^{+/+}$ mice (n = 37 for *Fxyd2*$^{+/+}$ and n = 50 for *Fxyd2*$^{-/-}$ mice). (C) The AHP amplitude of IB4-positive, *Fxyd2*$^{-/-}$ DRG neurons recorded in the current-clamp mode was not significantly altered, as compared with that of *Fxyd2*$^{+/+}$ mice (n = 40 for *Fxyd2*$^{+/+}$ and n = 58 for *Fxyd2*$^{-/-}$ mice). (D) The 80% AHP duration of IB4-positive small DRG neurons from *Fxyd2*$^{-/-}$ mice was increased, as compared with that of *Fxyd2*$^{+/+}$ mice (n = 40 for *Fxyd2*$^{+/+}$ and n = 58 for *Fxyd2*$^{-/-}$ mice, $^{**}P < 0.01$).