



Figure S1. (A) Western blot depicting $\text{Na}_v1.1$ protein levels in *Scn1a*^{H939R/+} mice compared to controls (n=3 per genotype). (B) Inverse image of immunofluorescence showing the distribution of $\text{Na}_v1.1$ in *Scn1a*^{H939R/+} mice compared to controls. There is not size, expression or localization differences in male *Scn1a*^{H939R/+} compared to control mice (n=3 per genotype).