

**Supplementary Tables:**

<i>Parameter (units)</i>	<i>FVB WT</i>	<i>FVB Slo1<sup>-/-</sup></i>
Heart Rate (BPM)	466 ± 7	429 ± 14*
PR interval (ms)	28 ± 0.5	28 ± 0.5
QRS diameter (ms)	17 ± 0.3	18 ± 0.5
Corrected QT interval (ms)	57 ± 0.8	56 ± 1.2

**Table S2. EKG parameters of Avertin anesthetized wild-type (WT) and Slo1<sup>-/-</sup> littermate FVB mice.** EKG was collected as outlined in the methods. All data are means ± SEM, N≥13  
\*p<0.05 vs. WT.