

	Na <sub>v</sub> 1.5/WT	Na <sub>v</sub> 1.5/Q1491H	Na <sub>v</sub> 1.5/G1481V
Current Density			
Maximum Peak (pA/pF)	-235.8 ± 39.8 (n=9)	-49.2 ± 7.3 (n=9)	-391.2 ± 48.3 (n=9)
Steady-state inactivation			
V1/2 (mV)	-89.6 ± 1.6 (n=9)	-69.4 ± 1.5**** (n=7)	-82.6 ± 2.3* (n=7)
K (mV)	-5.1 ± 0.1 (n=9)	-4.5 ± 0.3 (n=7)	-4.6 ± 0.2 (n=7)
Steady-state activation			
V1/2 (mV)	-41.4 ± 2.5 (n=9)	-32.0 ± 1.5** (n=9)	-42.2 ± 1.2 (n=9)
K (mV)	7.642 ± 1.0 (n=9)	14.2 ± 1.3*** (n=9)	8.0 ± 0.6 (n=9)
Recovery from Slow inactivation			
τ <sub>fast</sub> (ms)	4.2 ± 0.6 (n=7)	0.8 ± 0.1**** (n=8)	1.9 ± 0.2*** (n=7)
τ <sub>slow</sub> (ms)	/	55.9 ± 5.0 (n=8)	88.2 ± 12.2 (n=8)
A <sub>fast</sub>	91.0 ± 1.1% (n=5)	56.0 ± 8.7%** (n=8)	83.2 ± 4.5% (n=7)
A <sub>slow</sub>	9.0 ± 1.1% (n=5)	44.0 ± 8.7%** (n=8)	16.8 ± 4.5% (n=7)
Onset of slow inactivation			
Plateau	0.9 ± 0.1 (n=6)	0.7 ± 0.1*** (n=6)	0.8 ± 0.1 (n=5)
Closed State of inactivation			
Plateau	0.8 ± 0.1 (n=8)	1.1 ± 0.1**** (n=10)	1.0 ± 0.1*** (n=7)