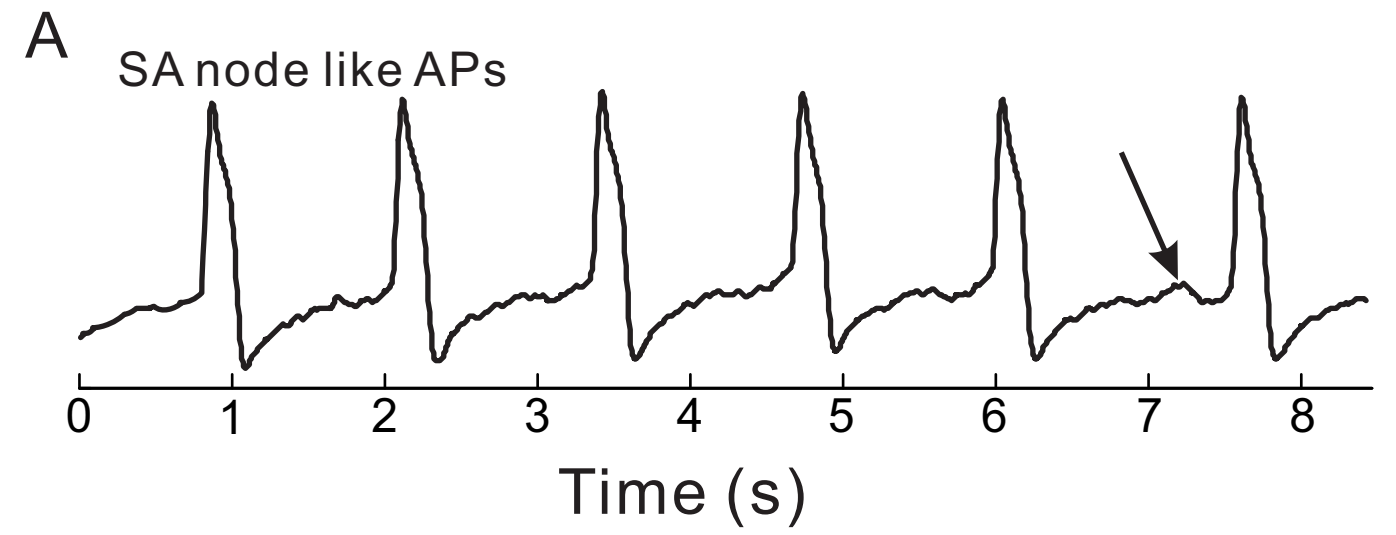
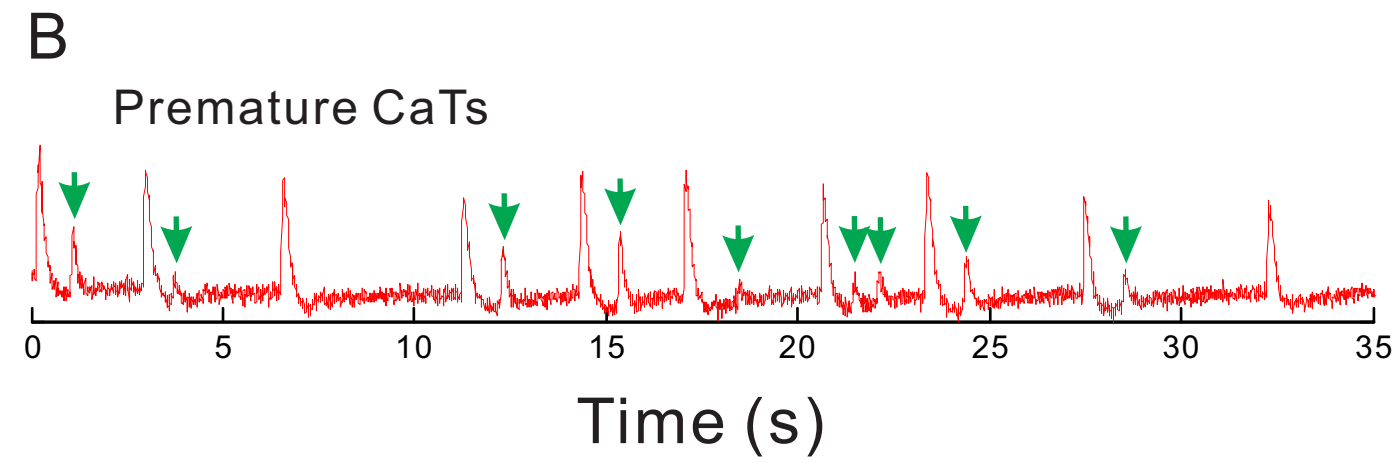
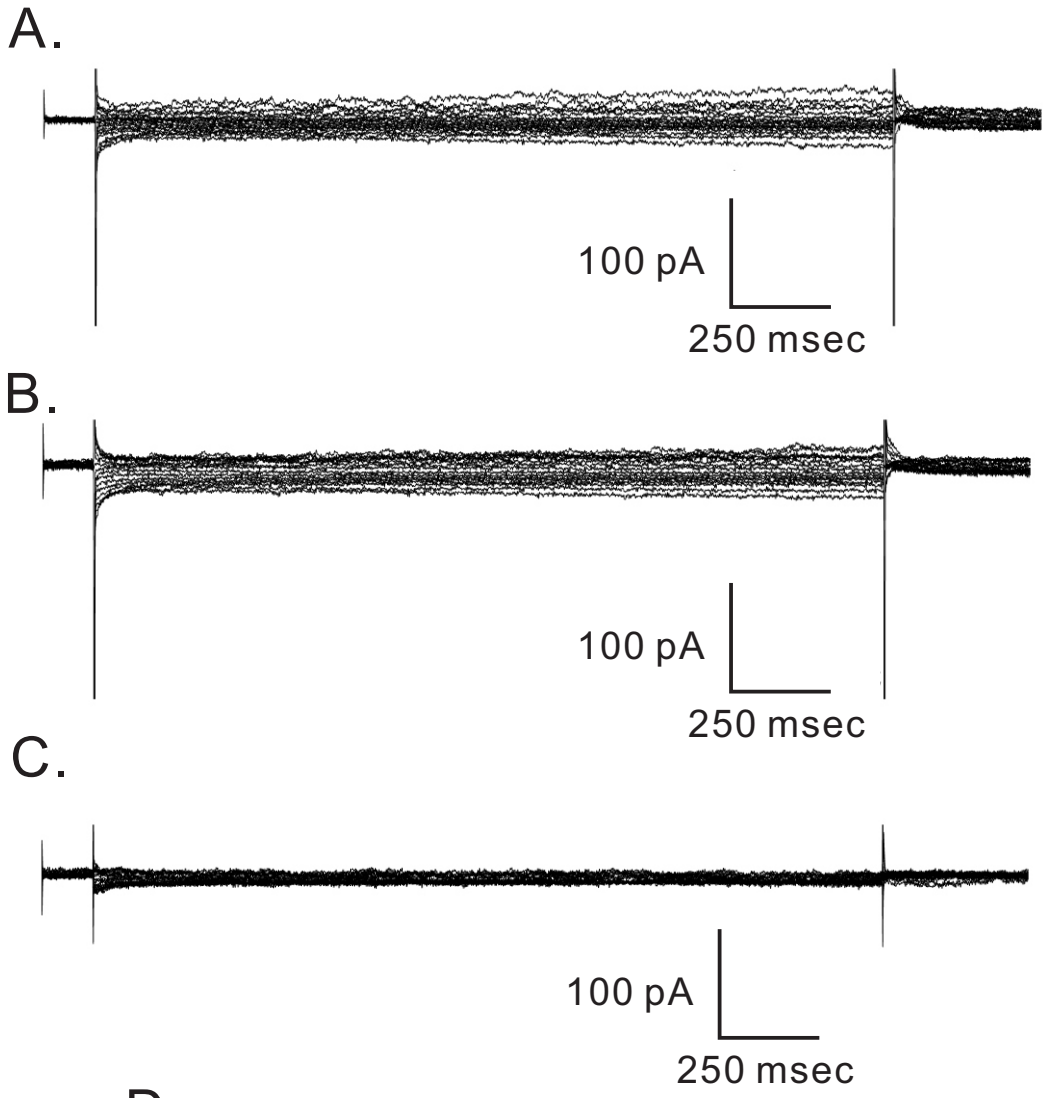
Supplementary Figure 1





Supplementary Figure 2



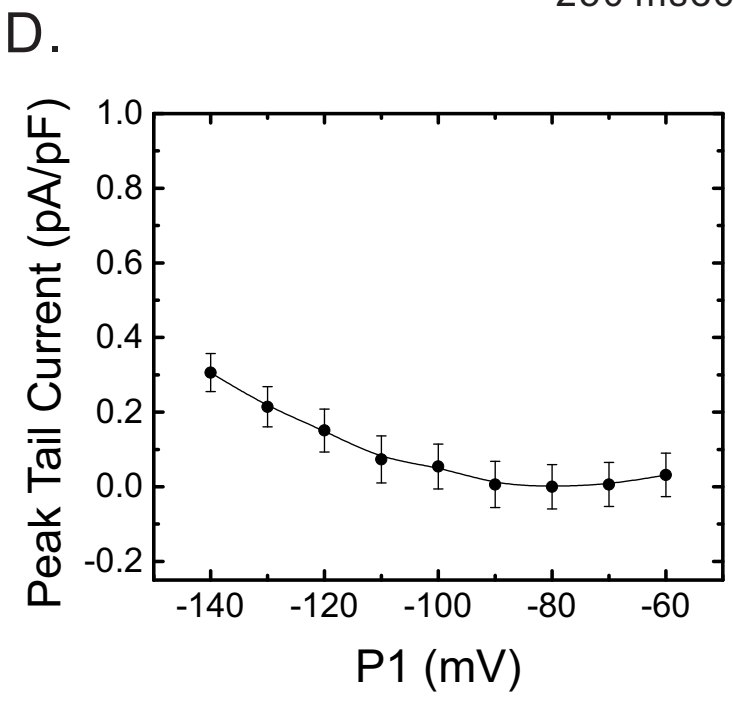


Table 1. Summary of Statistical Analysis

	Control	3 μM Ivabradine	N=8, P=0.73
	0.97±0.31	0.96±0.30	
	Control (4mM [K+]o)	8 mM $[K^+]_o$	N=6, P<0.01
	1.06±0.24	0.21±0.11	
	Control (1.8mM [Ca2+]o)	0.1 mM $[Ca^{2+}]_o$	N=5, P<0.01
	1.42±0.15	0.3±0.06	
	Control	100 μM Caffeine	N=4, P<0.01
	0.91±0.15	2.21±0.18	
	Control	2 μM K201	N=4, P<0.01
	0.85±0.05	0.49±0.06	
	Control	5 μM Tetracaine	N=6, P<0.01
	0.95±0.17	0.24±0.16	
	Control	1mM Ascorbic acid	N=6, P<0.01
	1.28±0.15	0.76±0.13	
	Control	10 mM N-Acetyl-L cysteine	N=7, P<0.01
	1.37±0.17	0.74±0.07	
	Control	2 μM SEA400	N=5, P<0.01
	0.95±0.17	0.12±0.09	

* Frequencies (mean ± standard deviation), Two-tail paired T-Test, N = total number of cell cultures that were tested