

Parameter	Control	MetS	Control +NAC	MetS + NAC
G <sub>max</sub> (nS/nF)	173.4 ± 10.8	166.8 ± 11.3	163.8 ± 29.7	151.4 ± 7.01
k (mV)	6.34 ± 0.31	6.34 ± 0.19	6.57 ± 0.17	6.36 ± 0.15
V <sub>1/2</sub> (mV)	- 3.27 ± 1.56	- 2.49 ± 1.0	- 3.73 ± 1.25	- 3.82 ± 0.81
V <sub>rev</sub> (mV)	59.92 ± 1.93	64.08 ± 1.48	59.82 ± 1.74	63.40 ± 1.62

**Table S2. Boltzmann parameters of I<sub>Ca</sub> in Control and MetS myocytes under basal conditions or after treatment with NAC.** Maximal conductance (G<sub>max</sub>), slope factor (k), voltage dependence of activation (V<sub>1/2</sub>), reversal potential (V<sub>rev</sub>). Data represent the mean ± SEM of 14-17 cells from three Control and two MetS rats. \*P<0.05, two-way ANOVA followed by Student Newman–Keuls *post hoc test*.