

**Supplementary Table 1. ECG features in different lines of old transgenic mice**

Transgenic Lines	<b>27</b>	<b>29</b>	<b>32</b>	<b>951</b>
Sample Size (N)	5	4	8	6
Age (days)	756.20 ± 34.93	662.50 ± 16.16	631.63 ± 34.64	627.67 ± 33.38
Body Weigth (g)	30.16 ± 0.93	30.58 ± 0.55	28.71 ± 1.05	29.08 ± 0.58
Heart Rate (bpm)	596.96 ± 7.48	584.85 ± 6.20	606.09 ± 6.71	597.75 ± 1.45
PR Interval (msec)	48.25 ± 3.18	42.65 ± 2.47	41.56 ± 0.93	41.26 ± 0.82
QRS Duration (msec)	8.48 ± 0.30	8.29 ± 0.36	7.95 ± 0.13	7.88 ± 0.17
QT Interval (msec)	22.03 ± 0.38	21.71 ± 0.92	21.36 ± 0.33	21.47 ± 0.58
Q Amplitude (mV)	- 26.25 ± 16.58	- 4.66 ± 2.23	- 52.96 ± 18.12	- 31.50 ± 18.76
Cardiomyopathy Index	0.64 ± 0.05	0.72 ± 0.04	0.75 ± 0.02	0.73 ± 0.03