|                | Fresh  | Culture | GFP      |
|----------------|--------|---------|----------|
| **APD90 (ms)** | 253 ± 24 | 430 ± 103 * | 457 ± 121 * |
| **APD50 (ms)** | 230 ± 24 | 302 ± 89 | 321 ± 123 |
| **$I_{Na}$**   |         |         |          |
| $g_{Na,max}$ (nS/pF) | 3.0 ± 0.3 | 2.9 ± 0.3 | 0.8 ± 0.1 ** |
| $V_{1/2,Na}$ (mV)  | -33 ± 2 | -31 ± 1 | -29 ± 2 |
| $V_{z,Na}$ (mV)    | 5.2 ± 0.5 | 5.0 ± 0.3 | 7.0 ± 0.6 |
| **$I_{Ca,L}$**   |         |         |          |
| $g_{Ca,max}$ (nS/pF) | 161 ± 16 | 237 ± 20 * | 178 ± 11 |
| $V_{1/2,ca}$ (mV)  | -11 ± 2 | -14 ± 1 | -14 ± 1 |
| $V_{z,ca}$ (mV)    | 5.9 ± 0.6 | 6.7 ± 0.7 | 5.9 ± 0.4 |
| **$I_{to}$**     |         |         |          |
| $\tau_{fast}$ (ms) | 7 ± 1 |         |          |
| $\tau_{slow}$ (ms) | 117 ± 28 |         |          |

**Table 2:** Summary of measurements for APD values and selected ion channels kinetic parameters in acutely isolated, cultured, and GFP-transduced cultured 3wRbCMs (mean ± SEM). * and ** correspond to $p < 0.05$ and $p < 0.01$, respectively.