**Supplementary File 6 (Table 6).** Biophysical parameters of iPSC-CMs, Control 1 vs Control 2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **Activation** | |  | | |  | |
|  | **V50** | | ***k*** | | **Vrev** | **Peak current density** | | ***n*** |
| **Na+ currents** | mV | | mV | | mV | pA/pF | |  |
| Control 1  Control 2 | -29 ± 1  -34 ± 1 | | 3 ± 1  4 ± 1 | | 17 ± 1  15 ± 1 | -27 ± 1\*  -38 ± 1 | | 14  15 |
| **Ca2+ currents** |  | | | | | | | |
| Control 1  Control 2 | - 8 ±1  -11± 1 | | 8 ± 1  8 ± 1 | | 54 ± 1  55 ± 2 | -10 ± 1  -10 ± 1 | | 9  11 |

Activation parameters were calculated by data fitting to Boltzmann functions. V50 is the voltage for half‑maximal activation, *k* is the slope factor and *n* the number of cells. One-way ANOVA followed by Dunnett’s multiple comparisons test. Values are expressed as mean ± s.e.m. \**P* < 0.05.