**Supplementary File 5 (Table 5).** Biophysical parameters of DMD, and female iPSC-CMs vs Control 2.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  **Activation** |  |  |
|  |  **V50**  | ***k*** | **Vrev** | **Peak current density** | ***n*** |
| **Na+ currents** | mV | mV | mV | pA/pF |  |
| Control 2 Male 1Male 2Female | -34 ± 1-31 ± 1-28 ± 1-27 ± 1 | 4 ± 14 ± 13 ± 14 ± 1 | 15 ± 116 ± 117 ± 214 ± 1 | -38 ± 1-13 ± 1\*\*\*\*-15 ± 1\*\*\*\*-11 ± 1\*\*\*\* | 1511922 |
| **Ca2+ currents** |  |
| Control 2Male 1Male 2Female | -11 ± 1-16 ± 1-14 ± 1-12 ± 1 | 8 ± 18 ± 19 ± 17 ± 1 | 55 ± 154 ± 257 ± 154 ± 2 | -10 ± 1-9 ± 1-9 ± 1-10 ± 1 | 11141013 |

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* < 0.0001.