**Supplementary File 4 (Table 4)** Biophysical parameters of DMD, and female iPSC-CMs vs Control 1.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  **Activation** |  |  |
|  | **V50**  | ***k*** | **Vrev** | **Peak current density** | ***n*** |
| **Na+ currents** | mV | mV | mV | pA/pF |  |
| Control 1Male 1Male 2Female | -29 ± 1-31 ± 1-28 ± 1-27 ± 1 | 3 ± 14 ± 13 ± 14 ± 1 | 17 ± 116 ± 117 ± 214 ± 1 | -27 ± 3-14 ± 1\*\*\*\*-15 ± 1\*\*\*\*-11 ± 1\*\*\*\* | 1411922 |
| **Ca2+ currents** |  |
| Control 1Male 1Male 2Female | - 8 ± 1-16 ± 1-14 ± 1-12 ± 1 | 8 ± 18 ± 19 ± 17 ± 1 | 54 ± 354 ± 257 ± 154 ± 2 | -10 ± 1- 9 ± 1- 9 ± 1-10 ± 1 |  9141013 |

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.