**Supplementary File 2 (Table 2).** Action potential parameters of iPSC-CMs vs Control 2, all paced at 1 or Hz.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group** | **dV/dtmax** | **Overshoot** | **Amplitude** | **MDP** | **APD90** | ***n*** |
| **1 Hz** |  |  |  |  |  |  |
| Control 2 | 66 ± 12 | 38 ± 2 | 106 ± 2 | -69 ± 2 | 204 ± 18 | 14 |
| Male 2 | 9.6 ± 2\*\*\* | 23 ± 2\*\*\*\* | 88 ± 3\*\*\* | -64 ± 2 | 171 ± 19 | 12 |
| Male 1 | 11 ± 1\*\*\*\* | 32 ± 1 | 103 ± 2 | -70 ± 2 | 218 ± 21 | 15 |
| Female | 12 ± 2\*\*\* | 28 ± 3\* | 92 ± 4\*\* | -63 ± 2 | 169 ± 22 | 9 |
| **2 Hz** |  |  |  |  |  |  |
| Control 2 | 58 ± 11 | 39 ± 2 | 102 ± 2 | -67 ± 1 | 150 ± 9 | 14 |
| Male 2 | 11 ± 2\*\*\*\* | 27 ± 2\*\* | 92 ± 3 | -65 ± 1 | 171 ± 14 | 16 |
| Male 1 | 11 ± 1\*\*\*\* | 29 ± 1\*\* | 99 ± 3 | -70 ± 2 | 186 ± 16 | 17 |
| Female | 9 ± 1\*\*\* | 28 ± 4\* | 91 ± 5 | -63 ± 2 | 149 ± 16 | 7 |

One-way ANOVA followed by Dunnett’s multiple comparisons test. Values are expressed as mean ± SEM. \*\*\*\**P* < 0.0001, \*\*\**P* < 0.0007, \*\**P* < 0.0089, and \**P* < 0.05.