|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HC type** | **Genotype** | **n** | **Age (median)** | **Cm, pF** | **Vrest,  mV** | **V1/2,  mV** | **Slope  factor, mV** | **Rin  (MW)** | **Gmax/Cm,  nS/pF** |
| **Type I** | *Gpr156del/+* | 9-13 | P15-34 (P19) | 5.8 ± 0.2 | -85 ± 1 | -83 ± 1 | 4.5 ± 0.3 | 46 ± 3 | 19 ± 2 |
| *Gpr156del/del* | 11-18 | P12-44 (P18) | 5.8 ± 0.3 | -86 ± 1 | -84 ± 1 | 4.8 ± 0.3 | 51 ± 3 | 24 ± 4 |
| p value |  |  | 0.84 | 0.84 | 0.57 | 0.53 | 0.37 | 0.22 |
| \*NS power |  |  | 0.05 | 0.05 | 0.08 | 0.09 | 0.14 | 0.2 |
| **Type II** | *Gpr156del/+* | 24-29 | P11-47 (P18) | 4.7 ± 0.1 | -72 ± 1 | -31 ± 1 | 8.9 ± 0.5 | 598 ± 35 | 2.7 ± 0.2 |
| *Gpr156del/del* | 28-29 | P12-44 (P17) | 4.4 ± 0.1 | -73 ± 2 | -30 ± 1 | 9.0 ± 0.6 | 575 ± 41 | 3.2 ± 0.2 |
| p value |  |  | 0.14 | 0.71 | 0.48 | 0.85 | 0.67 | 0.11 |
| \*NS power |  |  | 0.31 | 0.07 | 0.1 | 0.05 | 0.07 | 0.34 |

**Supplementary File 3. Genotype comparisons of electrical properties of Type I and II HCs in LES.** \*estimated power of non-significant result