**Supplementary file 2. Biophysical properties of L-type Ca2+ currents in the neurons recorded in Figure 7C-7G.** Values are mean ± SEM. \**P* < 0.05 with Kruskal Wallis – Dunn’s multiple comparison test.

|  |  |  |  |
| --- | --- | --- | --- |
|  | mutant | mutant + ISO | mutant + CAR |
| Po (%) | 10.0 ± 2.8 | 10.3 ± 3.3 | 26.5 ± 4.3\* |
| nPo (%) | 10.7 ± 2.9 | 11.5 ± 3.9 | 35.3 ± 7.1\* |
| n (# channels) | 2.7 ± 0.5 | 2.5 ± 0.2 | 2.9 ± 0.3 |
| availability (%) | 37.8 ± 8.1 | 36.3 ± 4.5 | 63.2 ± 4.5\* |
| I mean ensemble avg (fA) | 174.1 ± 38.9 | 157.5 ± 34.4 | 417.0 ± 41.4\* |
| sweeps | 1128 | 1164 | 1740 |
| N (# patches) | 12 | 11 | 18 |