**Figure 6 - Supplementary Table 1**. Statistical tests comparing chimeric channels with wildtype channels with Mann-Whitney U test. P values and sample size are indicated. —

\* *NA* indicates no measurable currents.

\*\* The numbers are labeled in bold if P < 0.05.

|  |  |  |
| --- | --- | --- |
|   | **OTOP2** | **OTOP3** |
| pH 10 | pH 6 | pH 10 | pH 6 |
| L1-2 | 0.063492(N = 5) | 0.730159(N = 5) | NA | NA |
| L3-4 | NA | NA | **0.015873****(N = 4)** | **0.035714****(N = 3)** |
| L5-6 | **0.028571****(N = 4)** | **0.028571****(N = 4)** | 0.063492(N = 4) | **0.015873****(N = 4)** |
|   |   |   |   |  |
| L7-8 | 0.685714(N = 4) | 0.999999(N = 4) | 0.690476(N = 5) | **0.015873****(N = 5)** |
| L9-10 | NA | NA | 0.841270(N = 5) | **0.007937****(N = 5)** |
| L11-12 | 0.171429(N = 6) | 0.761905(N = 6) | 0.555556(N = 4) | **0.004329****(N = 6)** |