**S2 Table. Patch-clamp results and statistical analysis.** Resting potentials of current-clamp measurements, reversal potentials from voltage-ramp measurements (ramp potential) and reversal potentials derived from current-voltage curves (reversal potential) of the individual cells with negative resting potential in G0 and positive resting potential in G1 phase.

|  |  |  |  |
| --- | --- | --- | --- |
| **G0 phase** | **Measured** | **G1 phase** | **Measured** |
| Cell ID | Resting potential | Ramp potential | Reversal potential | Cell ID | Resting potential | Ramp potential | Reversal potential |
| G0\_1 | -28 | -3.3 | -4 | G1\_1 | +7.5 | -0.93 | +0.9 |
| G0\_2 | -20 | -3.4 | -1.4 | G1\_2 | +6.5 | +8.4 | +9.9 |
| G0\_3 | -15 | -20.8 | -15.4 | G1\_3 | +14 | +3.6 | 0 |
| G0\_4 | -17 | -2.3 | -8 | G1\_4 | +6 | -2.8 | -4.3 |
| G0\_5 | -20 | x | -4.8 | G1\_5 | +16 | +6.3 | +3.3 |
| G0\_6 | -2 | -2 | -4 |  |
| G0\_7 | -15 | -15.7 | -11.5 |
| G0\_8 | -9 | -6.4 | -7.5 |
| G0\_9 | -8 | x | -10.1 |
| G0\_10 | -35 | -13.7 | -21.1 |
| G0\_11 | -40 | -35 | -38 |
| Median | -17.0 | -6.41 | -8.0 | Median | +7.5 | +3.6 | +0.9 |
| Mean | -19.0 | -11.4 | -11.4 | Mean | +10.0 | +2.9 | +1.9 |
| Standard deviation | ±10.98 | ±10.51 | ±10.01 | Standard deviation | ±4.16 | ±4.25 | ±4.7 |
| Normal distribution |
| Shapiro Wilk test | normal | not normal | not normal | Shapiro Wilk test | normal | not normal | not normal |
| Kolmogorov Smirnow test | normal | normal | normal | Kolmogorov Smirnow test | normal | normal | normal |
| Statistical significance |
| Student-t test | significantp=0.000051t=5.3529 | x | x | Student-t test | significantp=0.000051t=5.3529 | x | x |
| Mann Whitney U test | x | significantp=0.00758 | significantp=0.00652 | Mann Whitney U test | x | significantp=0.00758 | significantp=0.00652 |