Figure 3 Numerical Data

**Figure 3D**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Mutant** | **Fold Change** | **SEM** | **N** | **T-test p-value (vs. WT)** |
| WT | 0.93 | 0.02 | 4 | --- |
| F99C/M101C | 10.5 | 1.7 | 7 | 0.0012 |
| F99C/M101C + STIM1 | 2.1 | 0.91 | 5 | 0.26 |

**Figure 3G**

20 mM Ca2+ external solution

|  |  |  |  |
| --- | --- | --- | --- |
| **Concentration (µM)** | **Fold Change** | **SEM** | **N** |
| 0.3 | 1.2 | 0.16 | 4 |
| 1 | 2.9 | 0.17 | 5 |
| 5 | 10.5 | 1.7 | 7 |
| 10 | 27.7 | 2.1 | 4 |
| 50 | 40.9 | 4.6 | 11 |
| 500 | 152.9 | 26.8 | 7 |

110 mM Ca2+ external solution

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Concentration (µM)** | **Fold Change** | **SEM** | **N** | **T-test p-value (vs. 20 mM)** |
| 0.3 | 1.2 | 0.05 | 4 | 0.48 |
| 1 | 2.0 | 0.39 | 5 | 0.050 |
| 5 | 3.9 | 0.69 | 5 | 0.0034 |
| 10 | 12.3 | 3.1 | 6 | 0.0017 |
| 50 | 17.4 | 5.1 | 7 | 0.0021 |
| 500 | 82.0 | 24.3 | 5 | 0.040 |