**Figure 8-figure supplement 1A**

 **CaV1.2 vs JPH3-with-JPH4-divergent**

 (Data for CaV1.2 vs JPH3 and CaV1.2 vs JPH4 are reported in “Figure 2-source data 1”)

**Pearson’s Coefficients**

|  |  |
| --- | --- |
| **Cell** | **CaV1.2 vs** **JPH3-with-JPH4-divergent**  |
| 1 | 0.87 |
| 2 | 0.88 |
| 3 | 0.76 |
| 4 | 0.81 |
| 5 | 0.84 |
| 6 | 0.66 |
| 7 | 0.74 |
| 8 | 0.87 |
| 9 | 0.73 |
| 10 | 0.84 |
| 11 | 0.92 |
| 12 | 0.85 |
| 13 | 0.84 |
| 14 | 0.73 |
| 15 | 0.78 |

**Statistics**

**One-way ANOVA:** p < 0.0001

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Tukey's multiple comparisons test** | **Mean Diff.** | **95% CI of diff.** | **Significant?** | **Summary** | **Adjusted p Value** |
|  |  |  |  |  |  |
| [CaV1.2 vs JPH3]vs [CaV1.2 vs JPH3-w-JPH4-divergent] | -0.07383 | -0.1421 to -0.005545 | Yes | \* | 0.0311 |
| [CaV1.2 vs JPH3]vs [CaV1.2 vs JPH4] | 0.09217 | 0.03288 to 0.1515 | Yes | \*\* | 0.0012 |
| [CaV1.2 vs JPH4]vs [CaV1.2 vs JPH3-w-JPH4-divergent] | 0.1660 | 0.09824 to 0.2338 | Yes | \*\*\*\* | < 0.0001 |