**Supplemental Table 1.** **Numbers of neurons used for visualization and/or morphometric analyses from each retina.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Retina ID** | **Condition** | **Traced** | **Rendered** | **Dendritic Spread** | **Sholl (Dendrites)** | **Dendritic Tips** | **Cone Contacts** | **Sholl (Axons)** |
| 1 | Control1 | 1 |  | 1 | 1 |  |  |  |
| 2 | 4 | 1 | 4 | 4 |  |  | 1 |
| 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 |  | 4 | 2 |  |  |  |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 2 | 1 | 2 | 2 | 1 | 1 | 1 |
| 7 | 3 | 2 | 3 | 3 | 3 | 3 | 2 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 4 | 2 | 4 | 4 | 4 | 4 | 3 |
| 10 | 3 |  | 3 | 3 | 3 |  |  |
| 11 | 1 | 1 |  |  |  |  |  |
| 17 | 13 DPI2 | 2 | 2 | 2 | 2 | 2 | 1 |  |
| 18 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 19 | 2 | 1 | 1 |  |  |  |  |
| 20 | 0 |  |  |  |  |  |  |
| 21 | 6 | 5 | 6 | 6 | 4 | 2 | 6 |
| 22 | 3 | 1 | 3 | 3 | 3 | 3 | 1 |
| 24 | 17 DPI | 3 | 3 | 2 | 2 |  |  | 2 |
| 25 | 3 | 2 | 3 | 3 |  |  | 1 |
| 26 | 2 | 2 | 1 | 1 |  |  | 1 |
| 27 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| 28 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| 29 | 21 DPI | 2 | 2 |  |  |  |  |  |
| 31 | 4 |  | 4 | 1 |  |  | 1 |
| 32 | 3 | 3 | 3 | 2 | 3 | 3 |  |
| 34 | 3 | 3 | 3 | 3 | 2 | 2 | 3 |
| 35 | 4 | 4 | 3 | 3 | 2 | 2 | 1 |

1 Control neurons also reported in [4].

2 DPI, days post-injury.