**Supplementary File 3.** Summary of cells analyzed in EASI-FISH

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | All cells | Neurons | Neurons with both molecular and projection info collected |
| ANM #1 | A | 6,979 | 5,604 | 5,588 |
| M | 5,644 | 4,286 | 3,601 |
| P | 6,287 | 4,728 | 2,727 |
| ANM #2 | A | 7,271 | 5,684 | 5,303 |
| M | 9,233 | 7,342 | 7,342 |
| P | 7,205 | 5,495 | 4,948 |
| Total | 42,619 | 33,139 | 29,509 |