## Morphology of labeled neurons for mouse Cre line

|                                 | I                | I                  |                   |                  |                   | I                 |                   |                 | I                |                  |
|---------------------------------|------------------|--------------------|-------------------|------------------|-------------------|-------------------|-------------------|-----------------|------------------|------------------|
| Cell type Cre-line              | PYR              | LBC                | MC                | SBC              | ВРС               | NGC               | DBC               | НВС             | NMC              | Ste              |
| Viiat V1<br>(n=47)              | 11/245<br>(4.5%) | 88/245<br>(35.9%)  | 47/245<br>(19.2%) | 22/245<br>(8.9%) | 29/245<br>(11.8%) | 27/245<br>(11.0%) | 13/245<br>(5.3%)  | 8/245<br>(3.3%) | 1                | /                |
| PV V1<br>(n=31)                 | 1                | 126/163<br>(77.3%) | /                 | 15/163<br>(9.2%) | /                 | 1                 | 20/163<br>(12.3%) | 2/163<br>(1.2%) | 1                | /                |
| VIP V1<br>(n=8)                 | 1                | 1                  | /                 | /                | 28/28<br>(100%)   | 1                 | 1                 | 1               | 1                | /                |
| SCNN1A<br>V1<br>p15/20<br>(n=5) | 29/29<br>(100%)  | 1                  | /                 | /                | /                 | 1                 | 1                 | 1               | 1                | /                |
| SCNN1A<br>V1<br>p30/40<br>(n=5) | 48/48<br>(100%)  | 1                  | /                 | /                | /                 | 1                 | /                 | 1               | <i>I</i>         | /                |
| SCNN1A<br>V1<br>>p 60<br>(n=5)  | 30/30<br>(100%)  | 1                  | /                 | /                | /                 | 1                 | 1                 | /               | 1                | /                |
| SOM V1<br>(n=14)                | 1                | 5/61<br>(8.2%)     | 56/61<br>(91.8%)  | /                | /                 | 1                 | 1                 | 1               | 1                | /                |
| SOM S1<br>(n=19)                | 1                | 1/79<br>(1.3%)     | 2/79<br>(2.5%)    | /                | /                 | 1                 | /                 | /               | 76/79<br>(96.2%) | /                |
| SCNN1A<br>S1<br>(n=5)           | 11/43<br>(25.6%) | <i>I</i>           | /                 | 1                | /                 | 1                 | 1                 | 1               | 1                | 32/43<br>(74.4%) |