Supplementary file 1. Sampling parameters chosen for the Optical Fractionator Probe for two hemispheres. Mouse identification numbers are indicated beneath the genotype.

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|  | *Wlsfl/+;Gfap-Cre* (4931) | *Wlsfl/-;Gfap-Cre* (4908) |
| Number of sections counted | 25 | 26 |
| Number of missing sections | 4 | 0 |
| Section interval | 1 | 1 |
| Sampling grid  | 65x65 um |
| Counting frame | 50x50 um |
| Dissector height | 70 m |
| Guard Zone | 5 % |