Regions of interest selected for PCC quantification

Supplemental Figure 1
Supplemental Figure 2

A) Number of Secondary Axonal Branches
B) Total Length of Primary Axonal Branches
**Supplemental Figure 3**

(A) Average Number of Primary Branches per Dendritic Tree

(B) Total Dendritic Length

(C) Number of Dendritic Trees

(D) Total Length of Primary Dendritic Branches

- A: Distribution of the number of branches for EGFP-C1 and Cre-IREs-GFP. The bars indicate a significant difference (****).
- B: Distribution of total dendritic length for EGFP-C1 and Cre-IREs-GFP. The bars indicate a significant difference (****).
- C: Distribution of the number of dendritic trees for EGFP-C1 and Cre-IREs-GFP. The bars indicate a significant difference (****).
- D: Distribution of the total length of primary dendritic branches for EGFP-C1 and Cre-IREs-GFP. The bars indicate a significant difference (****).
**Average Total Length of Dendritic Trees**

![Graph A](image)

**Total Length of Primary Dendritic Branches**

![Graph B](image)

**Total Dendritic Length**

![Graph C](image)

**Number of Primary Dendritic Branches**

![Graph D](image)

Supplemental Figure 4
Supplemental Figure 5
Supplemental Figure 6