



S5 Fig. PTPRZ expression in cuprizone-lesioned mouse brains. (A) Anti-PTPRZ-S staining of sections shown in supplementary figure S4. Scale bars, 50 μ m. The plot shows the staining intensity in the dorsal corpus callosum normalized to normal *Ptpz*^{+/+} ones. **, $p < 0.01$, significant difference between the indicated groups (analysis of variance with Bonferroni's *post-hoc* tests). Aggrecan immunoreactivity in the corpus callosum. (B) Quantitative RT-PCR analyses. Total RNA was extracted from the paraffin-embedded tissue sections of *Ptpz*^{+/+} mice shown in A, and then subjected to quantitative RT-PCR. The plots show the mRNA expression of *Ptpz* as normalized to *Gapdh* expression. *, $p < 0.05$ (Student's *t*-test).