



S4 Fig. Aggrecan expression was induced following cuprizone-induced demyelination. (A) LFB staining of the dorsal corpus callosum. Wild-type ($Ptprz^{+/+}$) and $Ptprz$ -deficient ($Ptprz^{-/-}$) mice were fed a cuprizone-containing diet for 6 weeks (cuprizone) or were maintained on the regular diet (normal). Scale bars, 50 μ m. The plot shows the quantification of staining intensity in the dorsal corpus callosum normalized to the staining intensity in normal $Ptprz^{+/+}$ mice. **, $p < 0.01$, significant difference between the indicated groups (analysis of variance with Bonferroni's *post-hoc* tests). (B) Anti-aggrecan staining of the sections shown in A. Scale bars, 50 μ m. The plot shows the staining intensity in the dorsal corpus callosum normalized to normal $Ptprz^{+/+}$ ones. **, $p < 0.01$, significant difference between the indicated groups (analysis of variance with Bonferroni's *post-hoc* tests).