

Supplementary Figure 1 Therapeutic treatment with fingolimod and teriflunomide reduces astrogliosis and leads to a trend towards mitigated cerebellar atrophy. (A) Representative immune fluorescence microscopy and quantification of GFAP+ astrocytes in optic nerves and (B) cerebellar brain weights of 7-month-old Ppt1+/+, Ppt1-/-, fingolimod-treated Ppt1-/- (+ FTY720) and teriflunomide-treated Ppt1-/- (+ Teriflunomide) mice (n=4 mice per group, One-way ANOVA and Tukey's  $post\ hoc$  test). \*P < 0.05, \*\*\*P < 0.001.