



**Figure. S1.** Thin (10  $\mu\text{m}$ ) longitudinal spinal cord lesion sections were stained with LFB as described in the methods. Representative samples from sham, injury/vehicle, and injury/PRM were assessed for myelin integrity. (A) Microscopic images from the lesion segment show demyelination, which was partly restored following PRM treatment. (B) Image analysis was performed by ImageJ. Significant difference between vehicle- and PRM-treated rats was indicated by  $p < 0.05$  ( $n = 4-5$ ). Significant difference from sham and vehicle-treated rats was also indicated by  $*p < 0.05$ . Magnification, 20X.