materials

MDPI

Supplementary Materials: Fluorescence-Based Analysis of Noncanonical Functions of Aminoacyl-tRNA Synthetase-Interacting Multifunctional Proteins (AIMPs) in Peripheral Nerves

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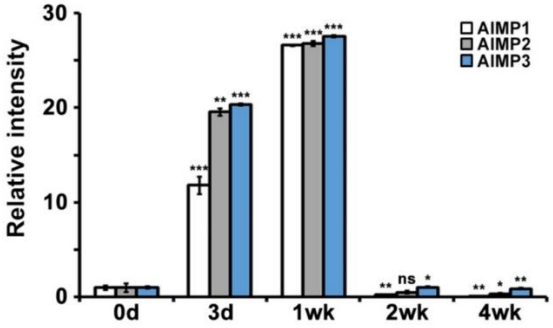

Figure S1. Relative intensities of mRNA expressions of aminoacyl-tRNA synthetase-interacting multifunctional proteins (AIMPs) using semi-PCR analysis were calculated by fold change. Fold changes of postinjury samples (3 days, 1 week, 2 weeks, 4 weeks) were derived by mRNA expression level of each sample divided by that of control (non-injured nerves) ($n = 3$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, ns; $p > 0.05$). Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) was used as loading control.

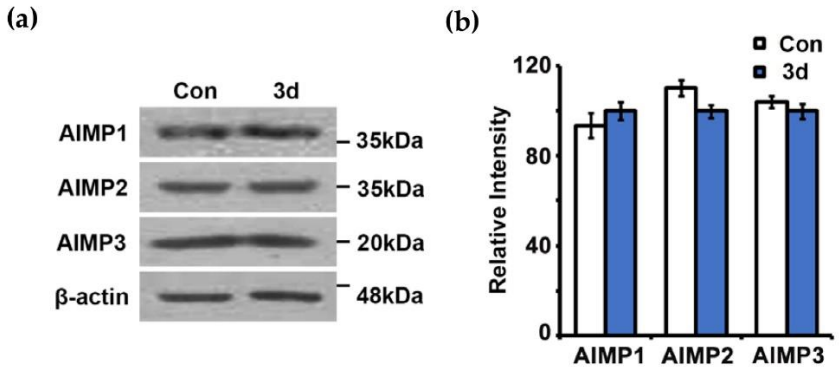

Figure S2. After peripheral nerve injury, there was no significant change of AIMPs expression in ventral horn of spinal cord. (**a**) 3 days after sciatic nerve injury, protein extracts (10 μg) from the ventral horn of spinal cord were evaluated by western blot. (**b**) Quantification of relative intensity of

AIMPs protein levels. Protein expression was relatively measured in the ventral horn compared with samples at 3 days after nerve injury.