Neuroprotective Effects of Toll-Like Receptor 4 Antagonism in Spinal Cord Cultures and in a Mouse Model of Motor Neuron Degeneration

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Supplementary Figure S1. Expression of neuronal markers in motor neuron/glia cocultures. Motor neuron/glia cocultures from wild-type mouse embryos double-stained with SMI32 / Anti-neurofilament (A-F) or SMI32 / Hb9 (G-I). Images were acquired by a confocal microscope. A-F: representative pictures of a large sample field (A-C) obtained by software-generated stitching of 9 pictures acquired at 200X magnification, and of higher-magnified neurons (D-F). Colocalization of SMI32 staining (green in B and E) with most of the neurofilament-positive cells (red in A and D) can be observed (see merge in yellow in C and F). G-I: representative pictures showing colocalization (yellow in I) of Hb9 (red in G) and SMI32 (green in H) staining in large motor neurons. Scale bar (A–C), 200 μm; scale bar (D–F), 40 μm; scale bar (G–I), 80 μm.