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Supplemental Information

**Assembly of CNS Nodes of Ranvier in Myelinated
Nerves Is Promoted by the Axon Cytoskeleton**

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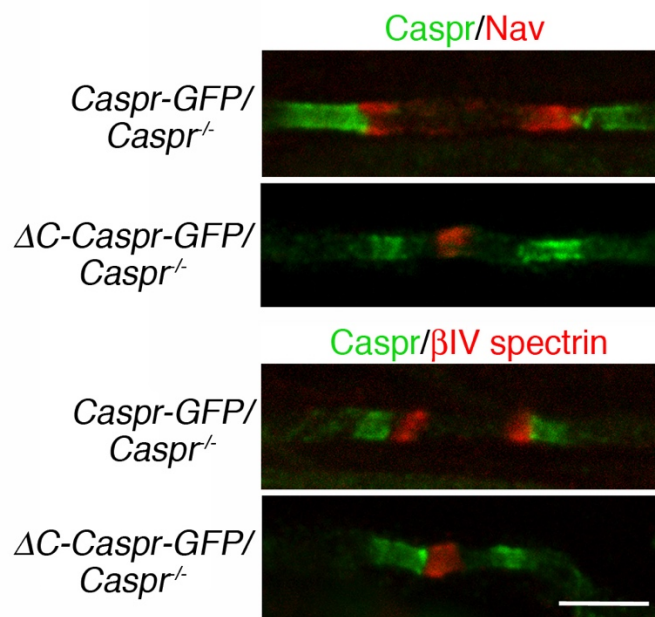


Figure S1. The absence of the Protein 4.1B binding domain of Caspr also impairs the formation of heminodal clusters in the PNS. Related to Figure 2.

Immunofluorescence analysis at P3 of sciatic nerves from *Caspr-GFP/Caspr^{-/-}* and *ΔC-Caspr-GFP/Caspr^{-/-}* mice for Caspr and the nodal proteins Nav and βIV spectrin. Quantitation of ≥ 63 pairs of converging Schwann cells for the nodal proteins Nav, βIV spectrin or ankyrinG for each genotype showed that the percentages of symmetrical heminodes were as follows *Caspr-GFP/Caspr^{-/-}*, 89.0 ± 0.3 (n = 2); *C-Caspr-GFP/Caspr^{-/-}*, 12.0 ± 3.0 (n = 3); mean \pm SEM, $P \leq 0.0002$, Unpaired Student's t test. The scale bar represents 5 μm .