

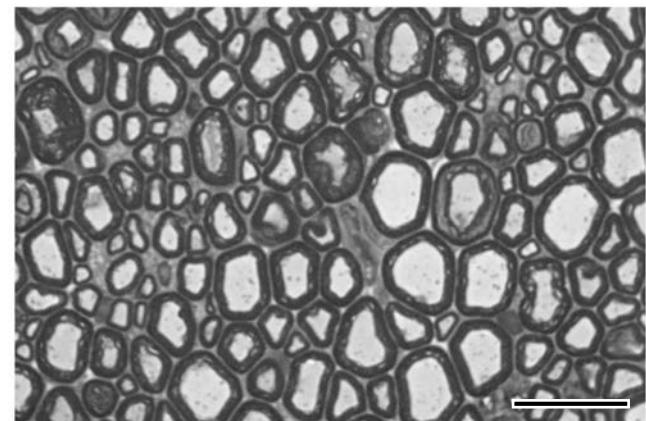
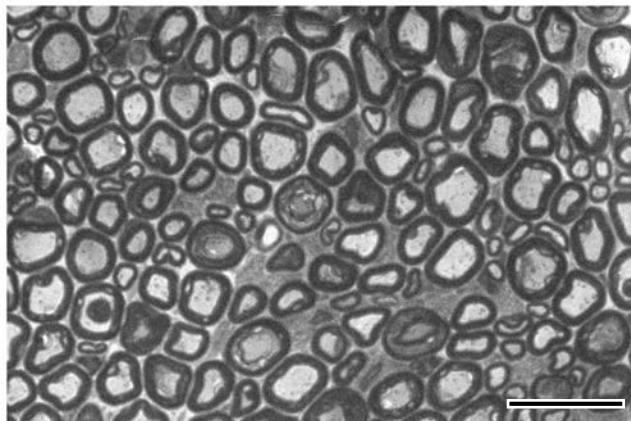
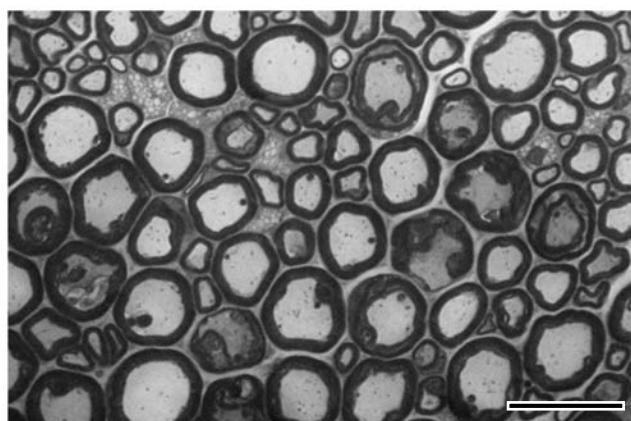
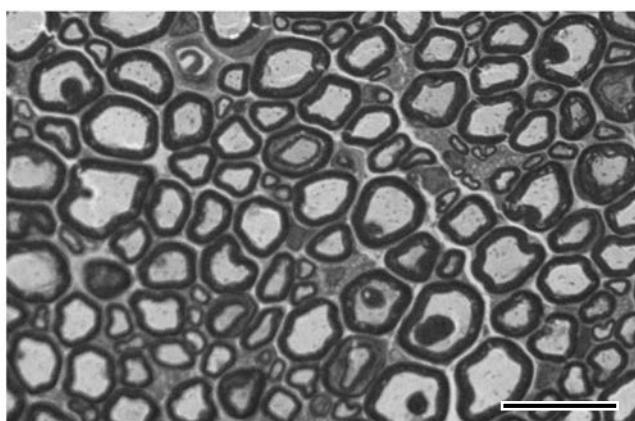
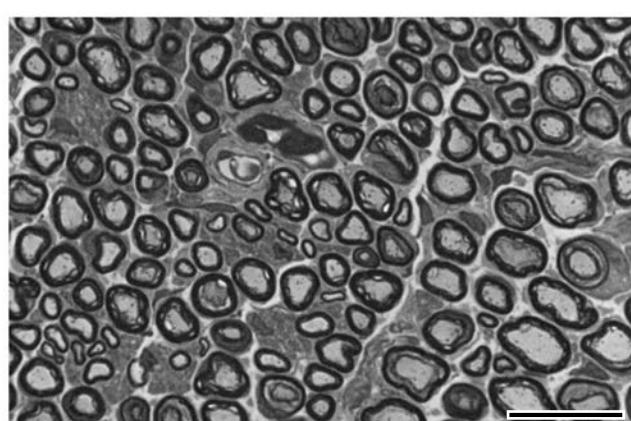
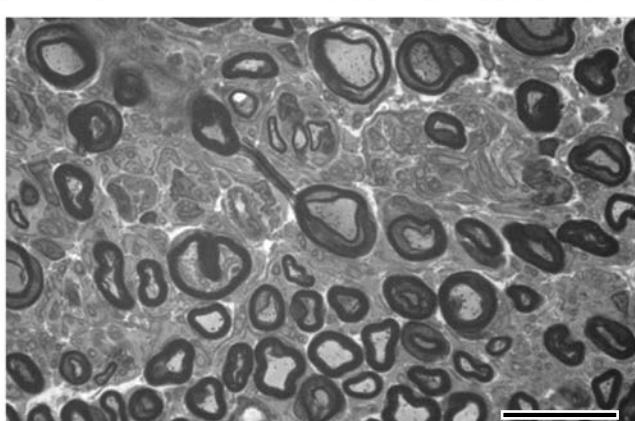
1

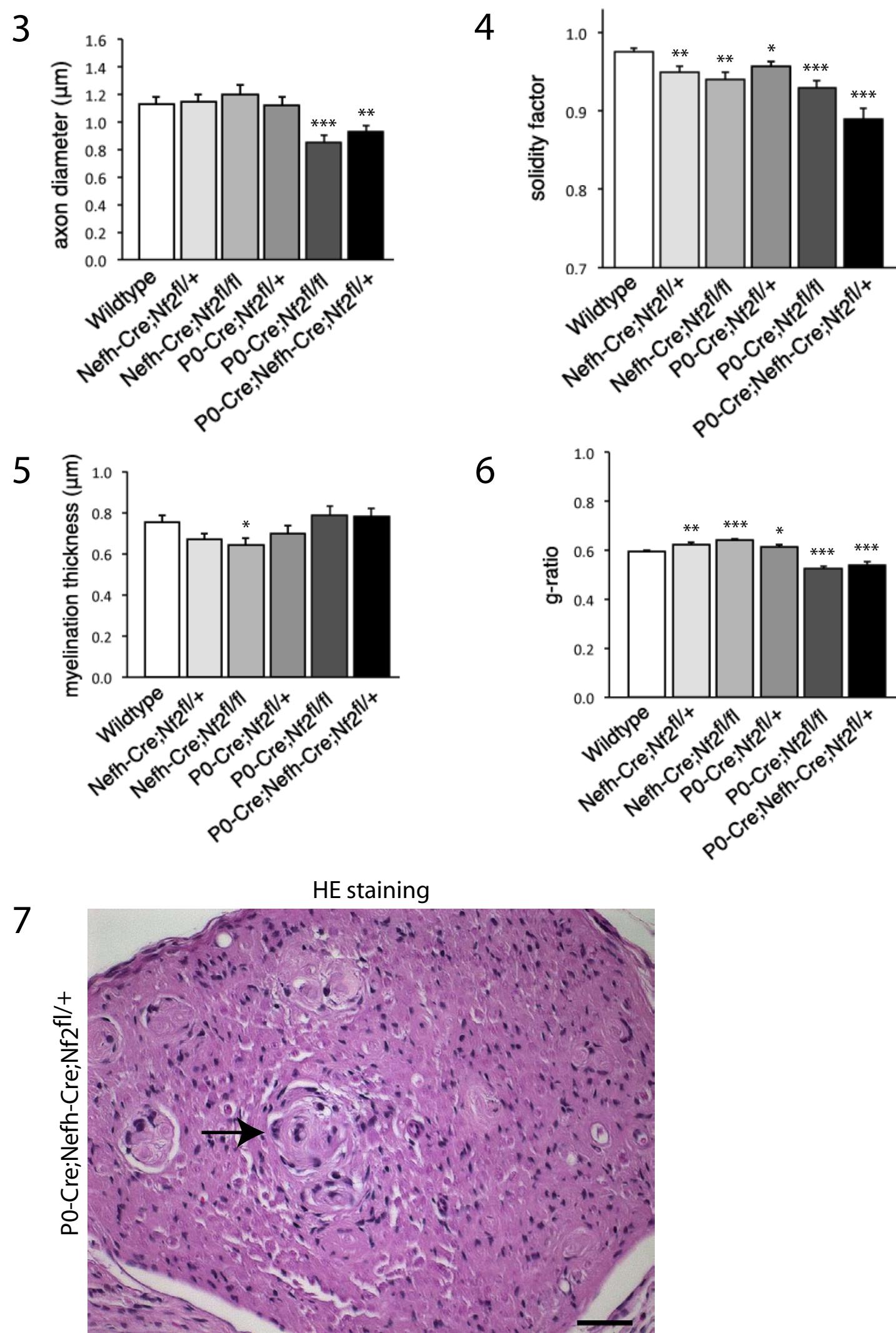
Mouse lines used in this study

Mouse line	Description
WT	Wildtype animals
P0-Cre;Nf2 ^{f1/+}	Heterozygous loss of merlin in Schwann cells
P0-Cre;Nf2 ^{f1/f1}	Homozygous loss of merlin in Schwann cells
Nefh-Cre;Nf2 ^{f1/+}	Heterozygous loss of merlin in neurons
Nefh-Cre;Nf2 ^{f1/f1}	Homozygous loss of merlin in neurons
P0-Cre;Nefh-Cre;Nf2 ^{f1/+}	Heterozygous loss of merlin in Schwann cells and neurons

2

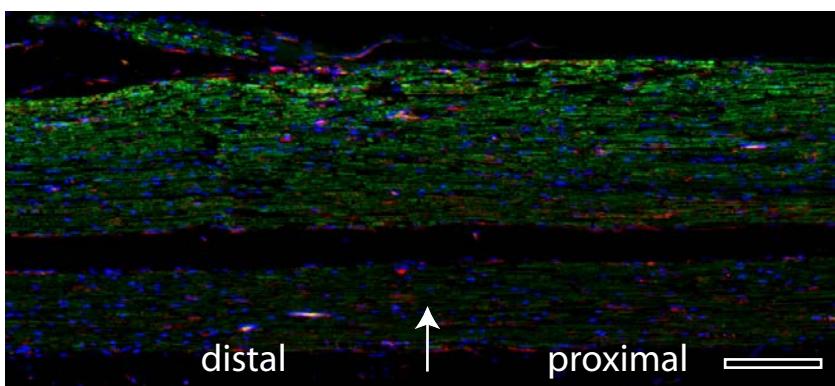
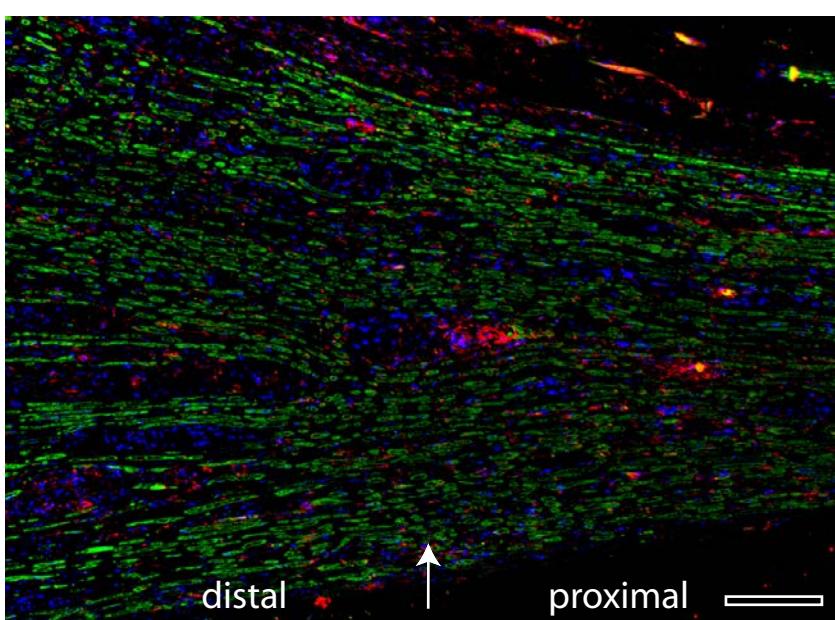
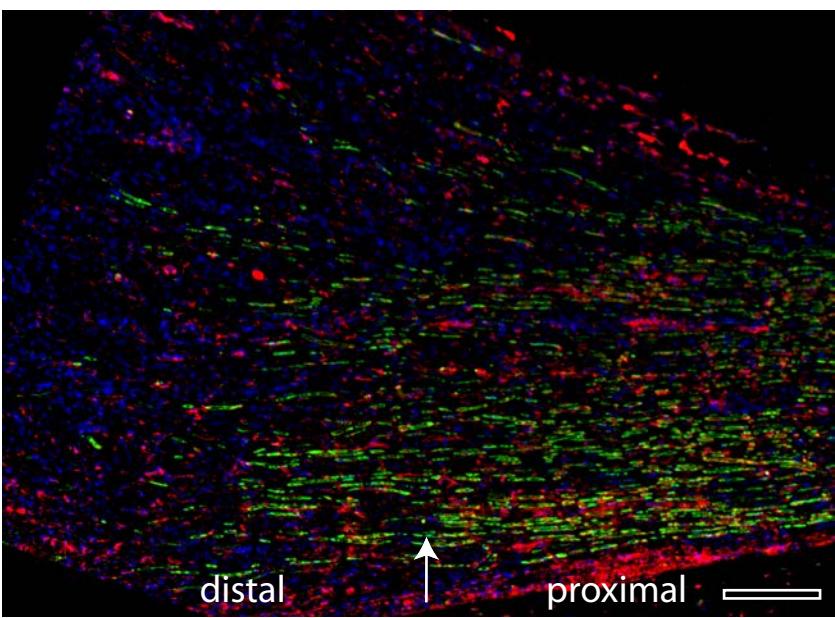
Wildtype

P0-Cre;Nf2^{f1/+}Nefh-Cre;Nf2^{f1/f1}P0-Cre;Nf2^{f1/f1}P0-Cre;Nefh-Cre;Nf2^{f1/+}

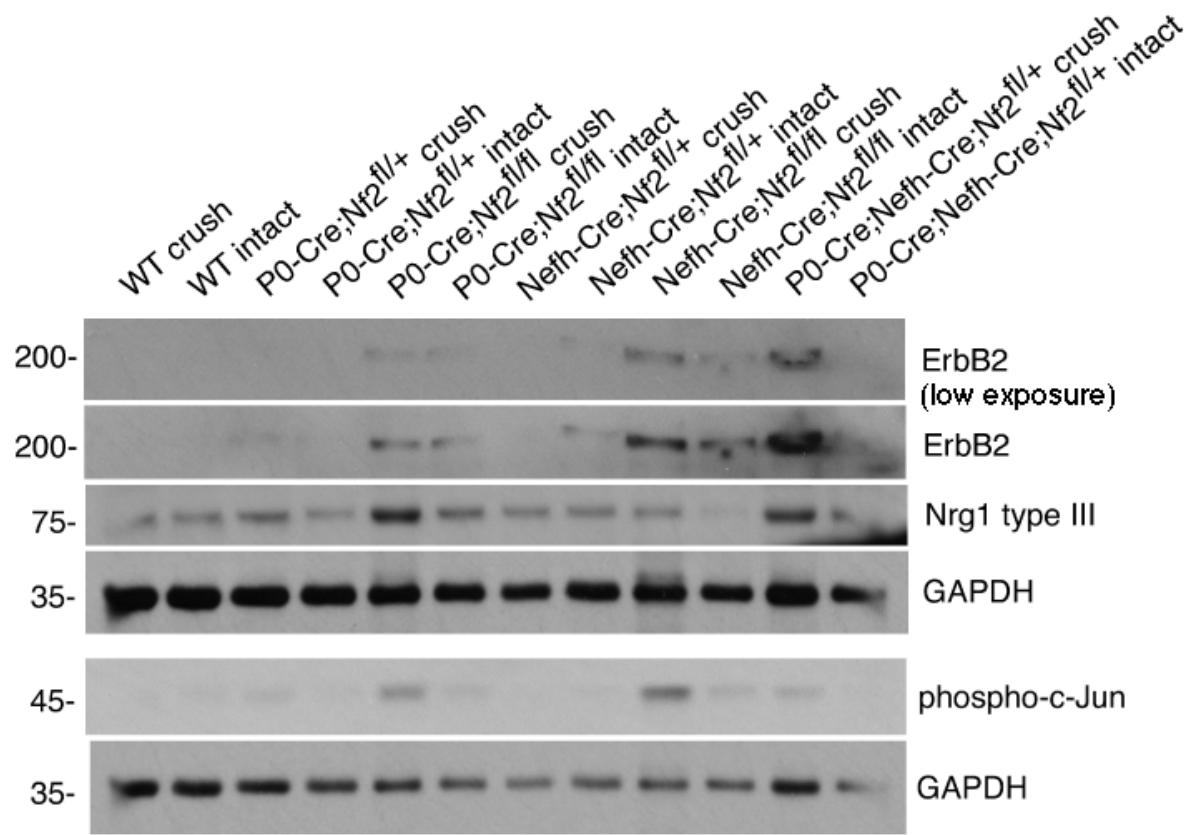


Supplementary Figures

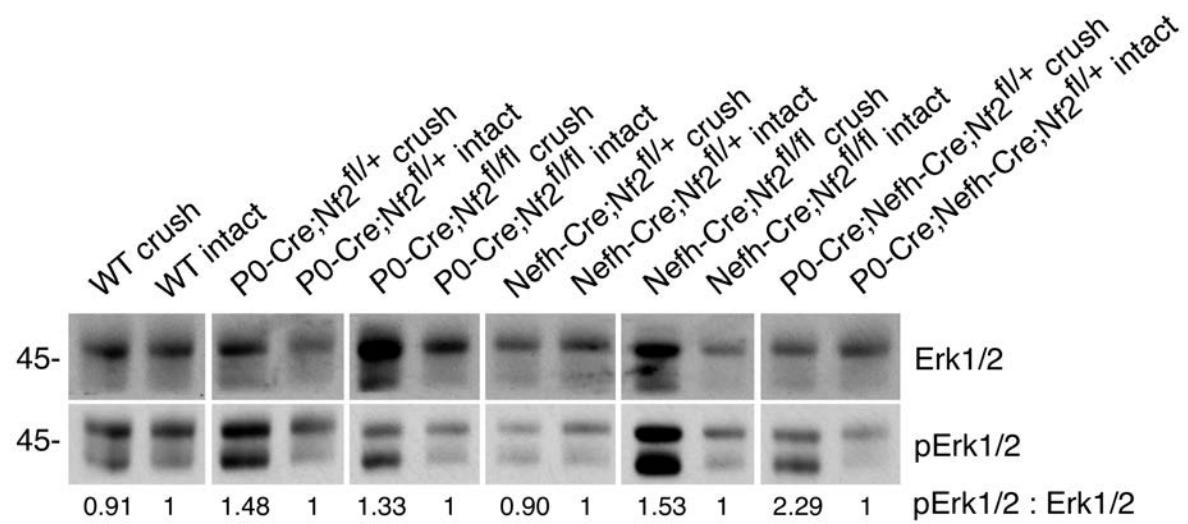
Wildtype

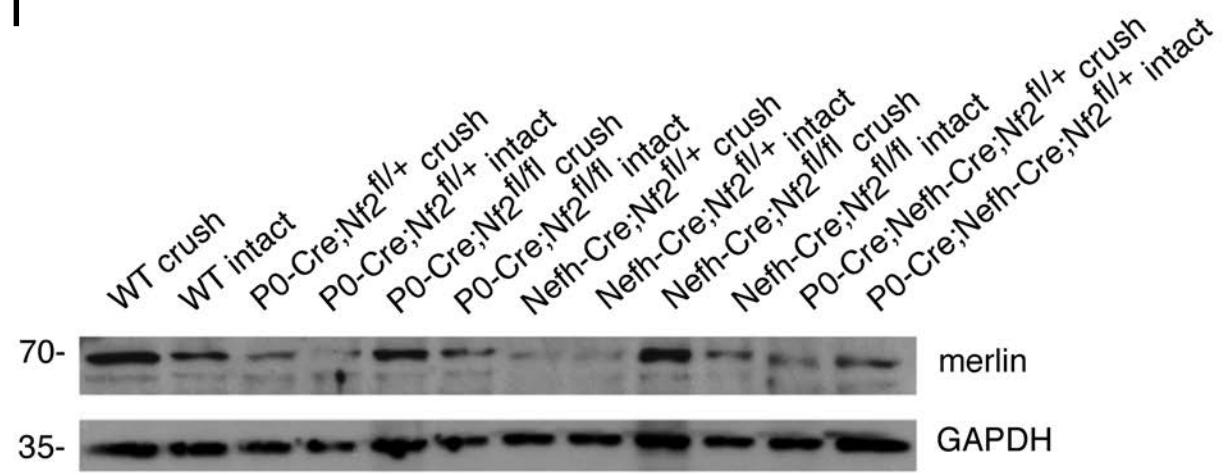
P0-Cre;Nf2^{f/f}P0-Cre;Nefh-Cre;Nf2^{f/f}

9



10

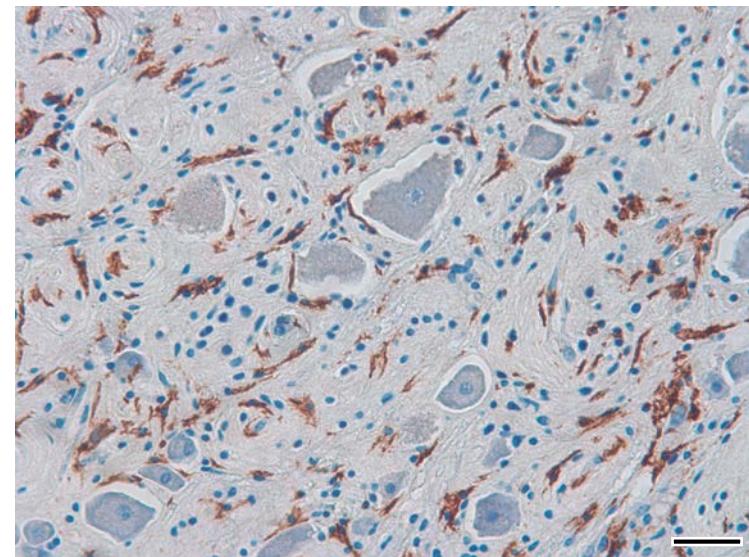
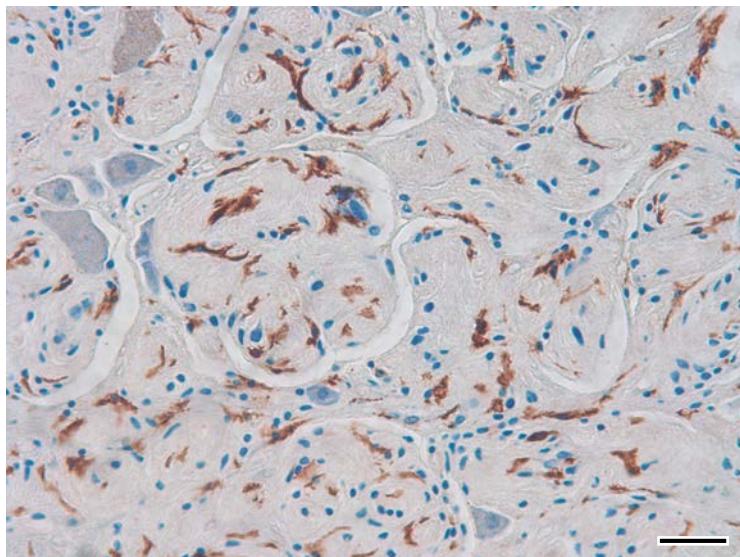




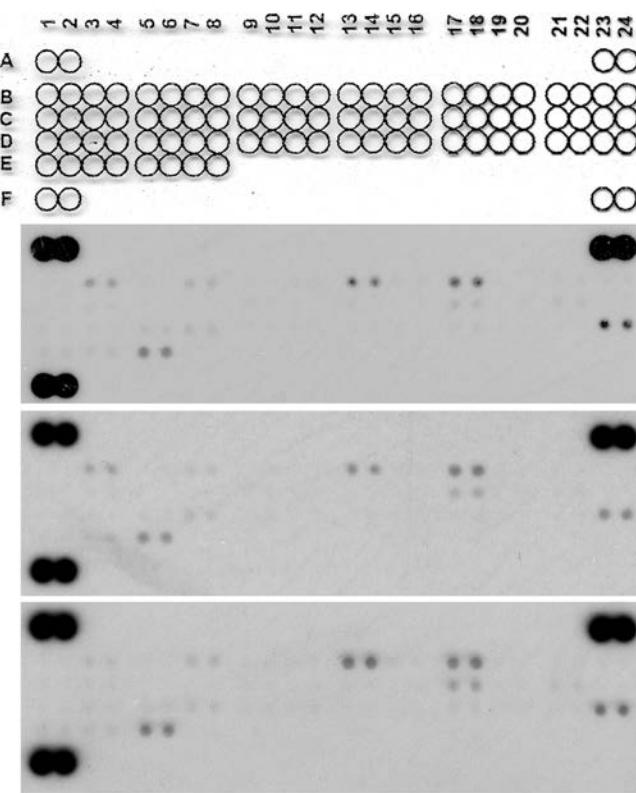
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Postn-Cre;Nf2^{f1/f1} schwannoma



13



assay overlay

Wildtype

P0-Cre;Nf2^{fl/fl}

P0-Cre;Nefh-Cre;Nf2^{fl/fl}

P0-Cre;Nefh-Cre;Nf2^{fl/+}