

Fig. S1.

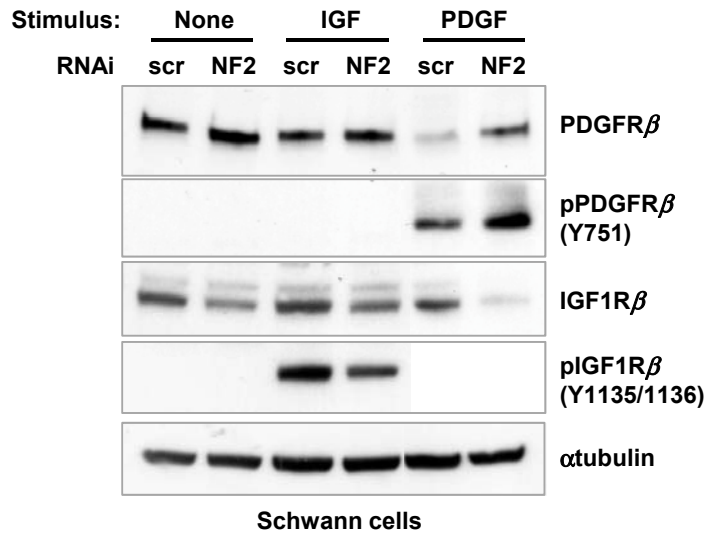


Figure S1. Receptor phosphorylation in merlin-deficient Schwann cells in response to serum-deprivation, IGF1, PDGF stimulation. Serum-deprived or growth factor stimulated Schwann cell lysates shown in Fig. 1B that exhibit increased phospho-ERK levels in response to merlin knockdown (NF2 RNAi) compared to controls (scr RNAi) were examined for differential receptor levels and phosphorylation. Schwann cells were serum-deprived (0.1% FBS) overnight and stimulated with or without IGF1 (50 ng/ml) or PDGF-BB (5 ng/ml) as indicated, for 30 min prior to lysis. Immunoblot analysis of the PDGF β receptor (PDGFR β), phospho-PDGFR β Tyr751 (PDGFR β Y751), IGF1 β receptor (IGF1R β) and phospho-IGF1R β (Tyr1135/1136) (IGF1R β Y1135/1136) are indicated. α tubulin expression functions as a protein loading control.