



Figure S5. NF1 mediated effects in Schwann cells. **A**, Immunoblot of total levels of ERK, JNK, and p38 in immortalized human Schwann cells (iHSc) WT vs *NF1*^{-/-} treated with BCI (1 uM). **B**, iHSC WT and *NF1*^{-/-} cells were serum starved overnight and then treated with JNK inhibitor JNK-IN-8 in DMEM-F12 with N2 supplement and 10 ng/mL beta Heregulin (b-HRG). Cell survival was measured with the MTS assay 3 days after treatment. **C**, Immunoblot analysis of p-c-jun, c-jun, p-JNK and JNK after JNK inhibition. (*) represents $P < 0.05$ compared to vehicle, $n = 6$.