



Supplemental figure 4. *NF1* knockout induces PIM inhibitor resistance

(A-B) *NF1* loss results in PIM inhibitor resistance in a colony formation assay. SK-N-SH cells were plated in 6-well plates and treated with increasing concentrations of AZD1208 or PIM-447. Drug-containing medium was refreshed every 3 days. Cells were fixed, stained, and scanned when untreated wells of each particular cell line reached confluency (n=3).

(C-D) *NF1* knockout results in enhanced MAPK and AKT signaling and sustained mTOR signaling upon PIM inhibition. SH-SY5Y and SK-N-SH cell lines were treated with 2 μ M AZD1208 for 0, 24, and 48 hours followed by western blot analysis (n=3).

