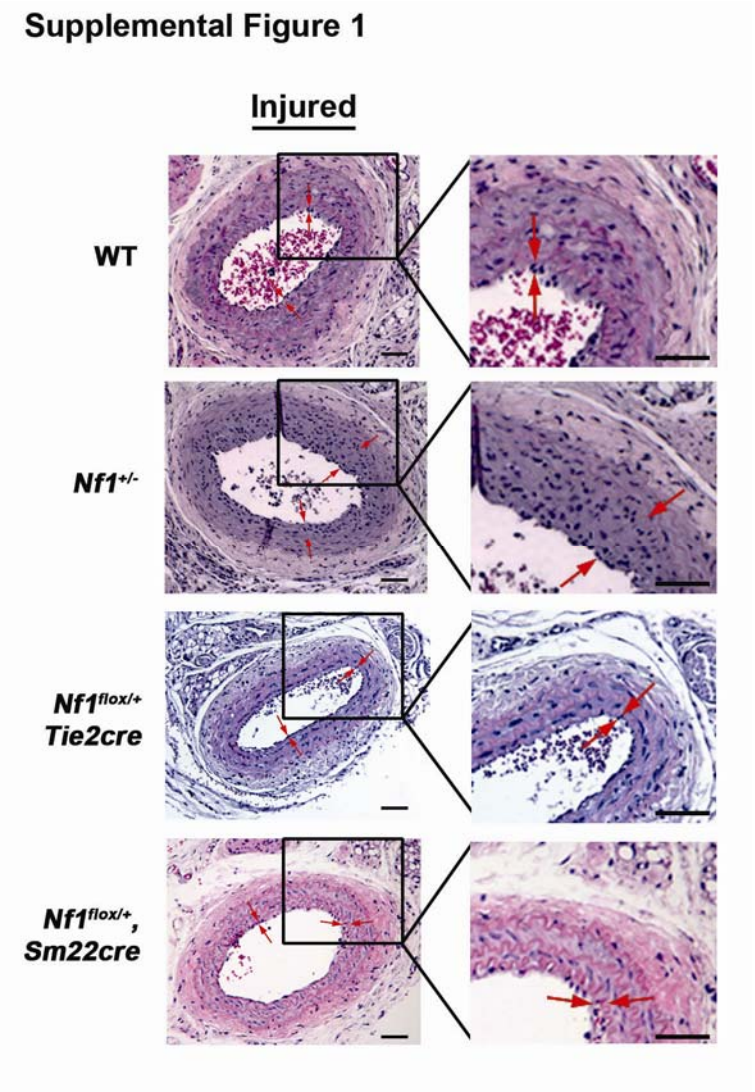
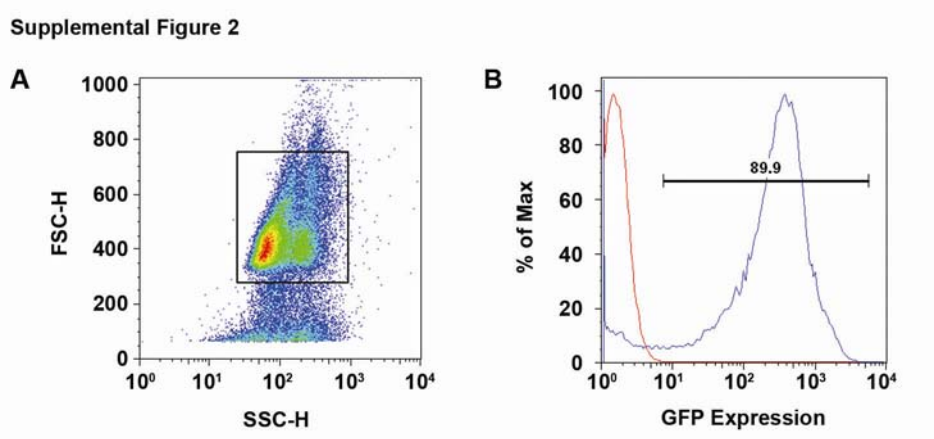
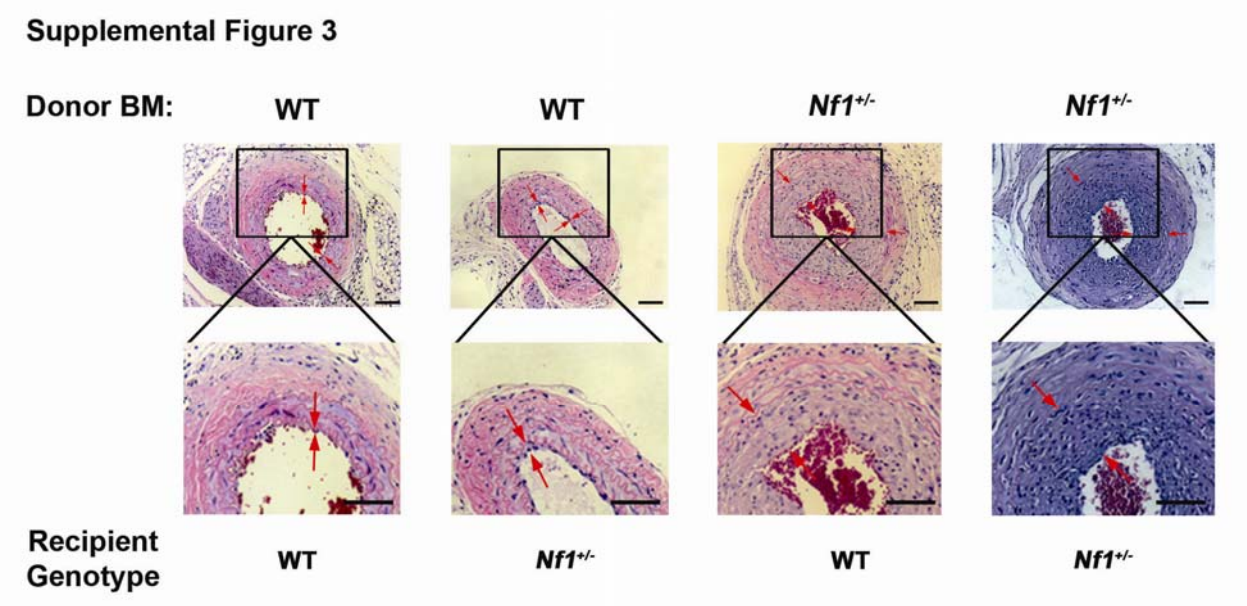


Supplemental Figure 1. Histological analysis of neointima formation in WT, *Nf1*$^{+/-}$, *Nf1*$^{flox/+}$*;Tie2cre* and *Nf1*$^{flox/+}$*;SM22cre* mice. Representative H&E stained arterial cross-sections from injured WT, *Nf1*$^{+/-}$, *Nf1*$^{flox/+}$*;Tie2cre* and *Nf1*$^{flox/+}$*;SM22cre* mice. Black boxes identify area magnified in right panel. Scale bars represent 50 μm.



Supplemental Figure 2. Determination of bone marrow engraftment. A) Representative forward-scatter (FSC-H) side-scatter (SSC-H) profile of whole MNCs from murine peripheral blood. Black box represents live events gated for GFP expression analysis. **B**) Representative histogram of percent GFP expression in MNCs harvested from *Nf1*$^{+/-}$ mice reconstituted with WT-GFP bone marrow three months after transplantation. Similar results were obtained in WT mice transplanted with *Nf1*$^{+/-}$-GFP bone marrow (data not shown). Red line represents GFP negative control. Blue line represents MNCs from a mouse transplanted with GFP positive bone marrow.



Supplemental Figure 3. Histological analysis of WT and *Nf1*$^{+/-}$ mice transplanted with WT and *Nf1*$^{+/-}$ bone marrow. Representative H&E stained arterial cross-sections from injured WT and *Nf1*$^{+/-}$ mice transplanted with WT or *Nf1*$^{+/-}$ bone marrow (BM). Black boxes identify area magnified in lower panel. Scale bars represent 50 μm.