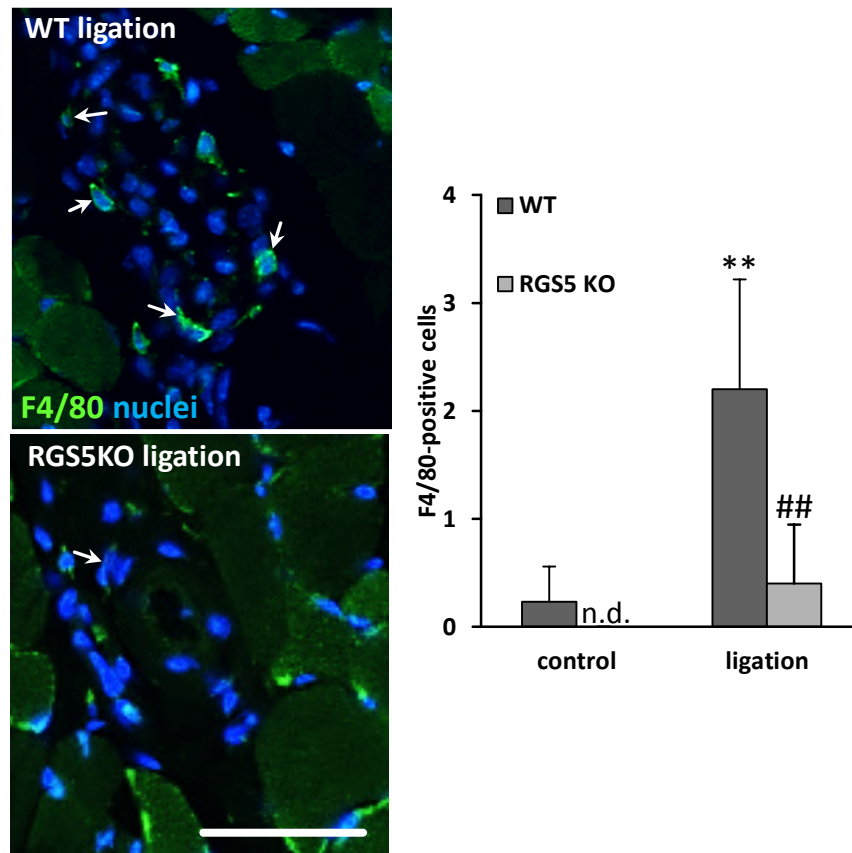


# Supplemental Figure 1



## Comparison of arteriogenesis-associated macrophage recruitment in WT and RGS5<sup>-/-</sup> mice

Seven days after ligation of the femoral artery the number of macrophages (F4/80-positive cells, arrows, green fluorescence) in the media/adventitia of collateral arterioles was determined. While arteriogenic remodeling in wild type (WT) is associated with a significant increase in macrophage infiltration (\*\* $p < 0.01$  vs. control WT,  $n = 5$ ), decreased numbers of collateral-associated macrophages were detected in RGS5-deficient (RGS5KO; ## $p < 0.01$  vs. WT ligation) mice (scale bar: 40  $\mu\text{m}$ ).