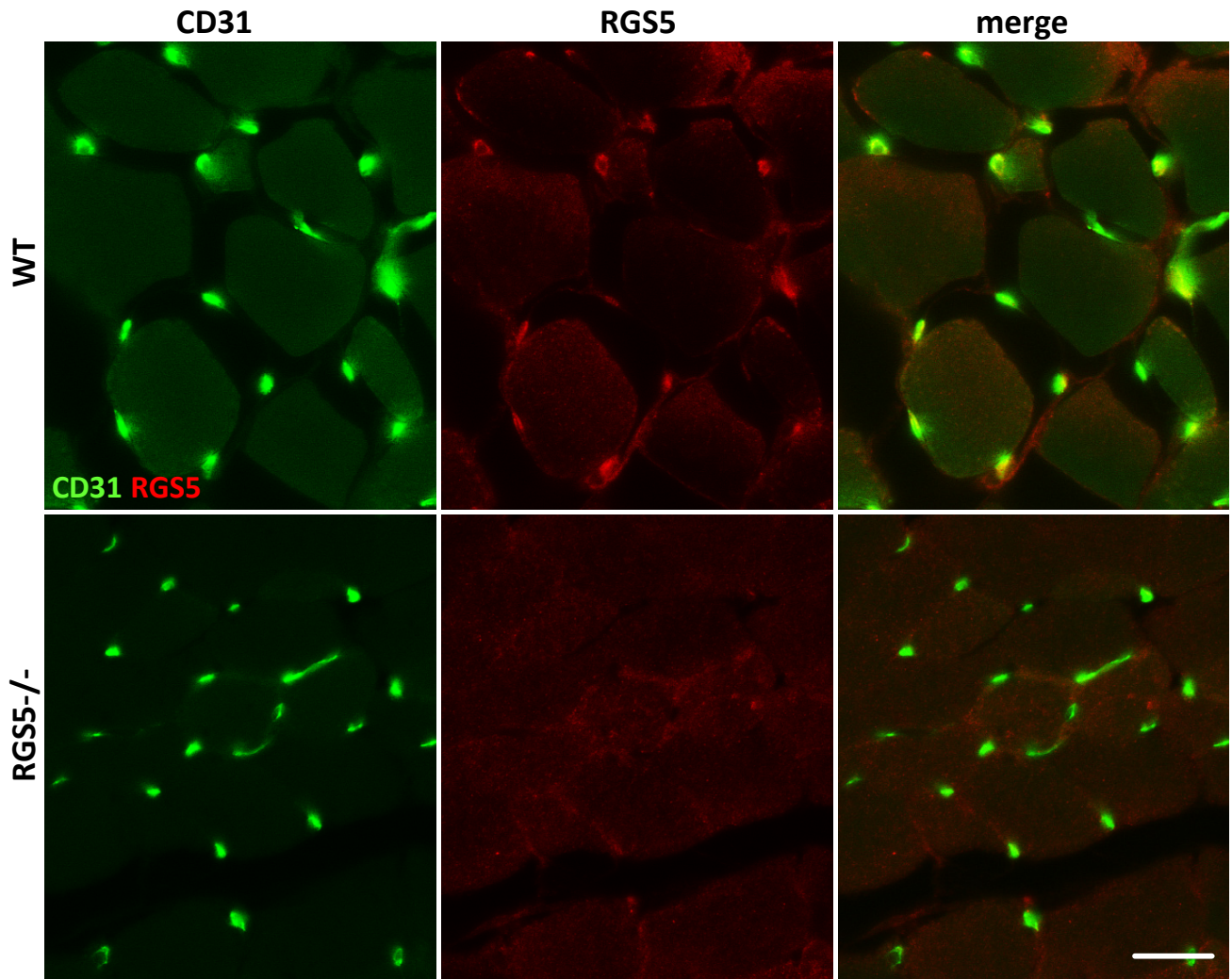


Supplemental Figure 1



Immunofluorescence-based detection of RGS5 in wild type and RGS5-deficient mice

Pericyte-specific RGS5 was labelled on zinc-fixed and paraffin embedded muscle tissue sections of wild type and RGS5-deficient (RGS5^{-/-}) mice (red fluorescence) by immunofluorescence techniques. Endothelial cells were visualized through detection of CD31 (green fluorescence). RGS5 was detected only in endothelial cell-associated pericytes of wild type mice which were reported to abundantly express RGS5 (scale bar: 20 μ m).