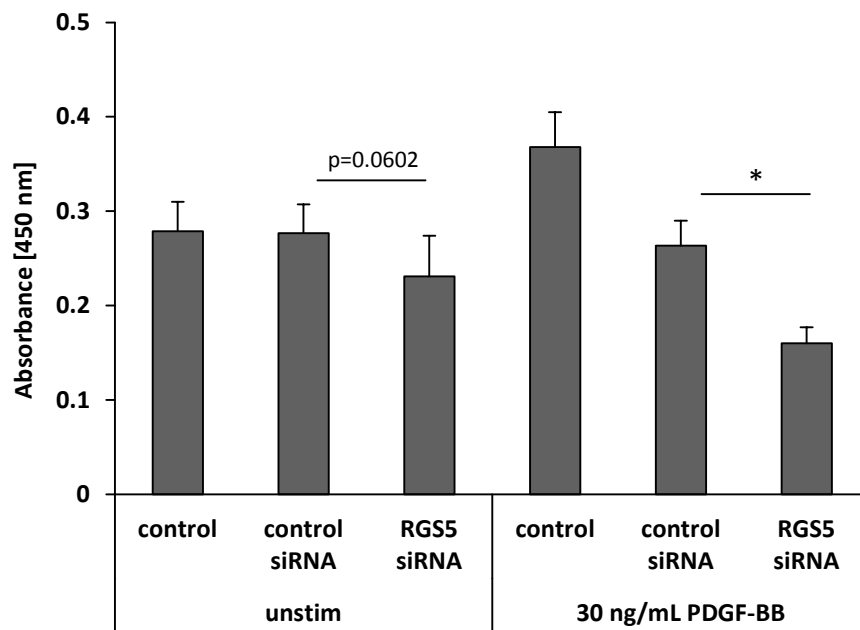


Supplemental Figure 1



Proliferation analysis of human arterial smooth muscle cells (HUASMCs) upon knockdown of RGS5

HUASMCs were treated with control siRNA or RGS5-specific siRNA, respectively or left untreated for 48 hrs followed by addition of 30 ng/mL PDGF-BB and BrdU for 24 hrs. Afterwards, the BrdU proliferation assay was performed according to manufacturer's instructions (Cell Signaling). Knockdown of RGS5 in HUASMCs did not significantly affect baseline proliferation ($p=0.0602$ vs. control siRNA, pentaplicates). However, knockdown of RGS5 in PDGF-BB-stimulated HUASMCs significantly decreases proliferation ($*p<0.05$ vs. control siRNA, one out of two independent experiments with comparable results performed in pentaplicates).