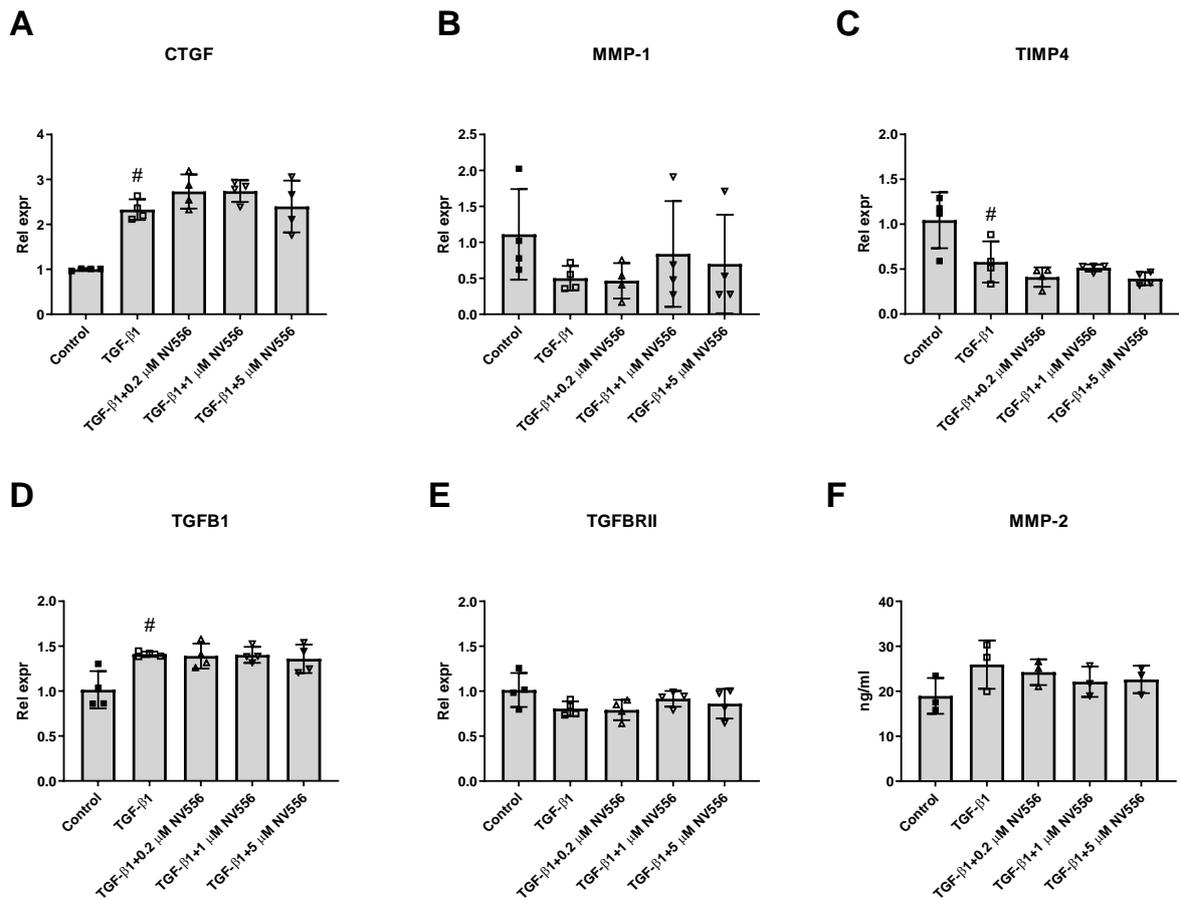
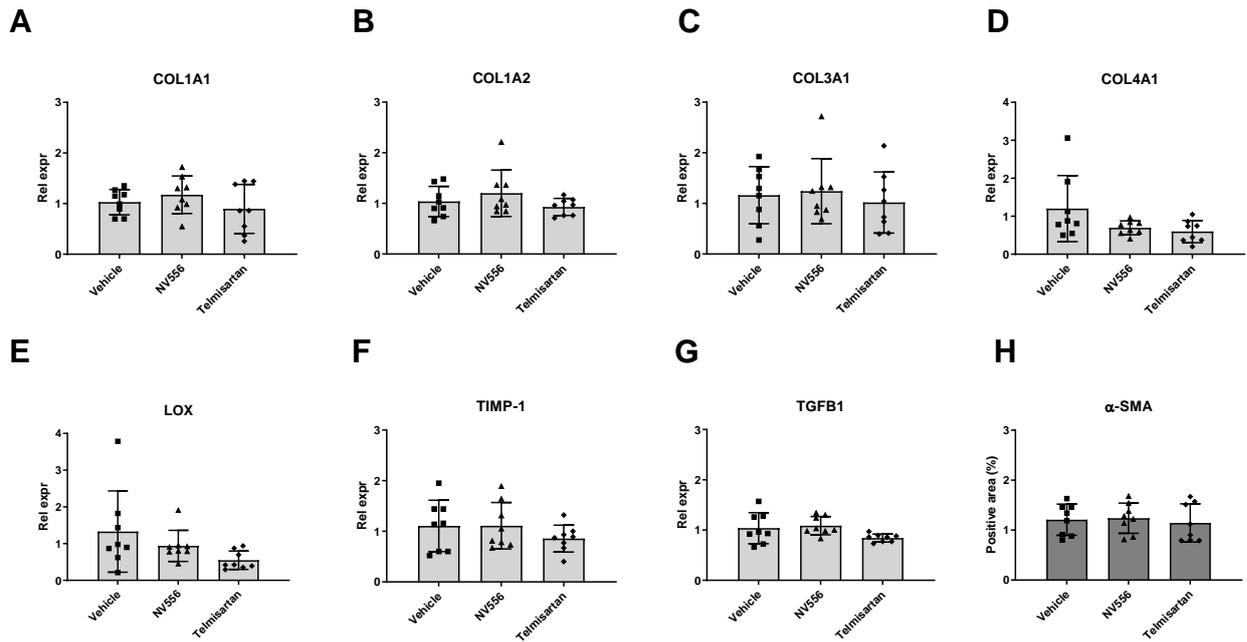


**Figure S1.** TGF-β1 effect on gene expression in comparison to control (A-C), and of SMAD2 (D) and SMAD3 (E) phosphorylation levels, in a 3D human liver model reseeded with LX2 cells. Data in A-C are represented as mean of relative expression over inactive control ± SD and Data in A-E are statistically analyzed by a paired T-test. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ .  $n=4$  scaffolds per condition investigated



**Figure S2.** NV556 effect on gene expression (A-E) and protein secretion (F) in a 3D human liver model reseeded with LX2 cells. Data in A-E are represented as mean of relative expression  $\pm$  SD and Data in A-F are statistically analyzed by one-way ANOVA followed by Tukey's multiple comparison test for activated LX2. # $p < 0.05$  for TGF- $\beta$ 1 versus non-treated Control cells.  $n=4$  scaffolds per condition investigated



**Figure S3.** NV556 effect on gene expression (A-G) and  $\alpha$ SMA positive area (H) in the STAM model. Data in A-G are represented as mean of relative expression  $\pm$  SD and Data in A-H are statistically analyzed by one-way ANOVA followed by Dunnett's multiple comparison test. n=8 mice per group