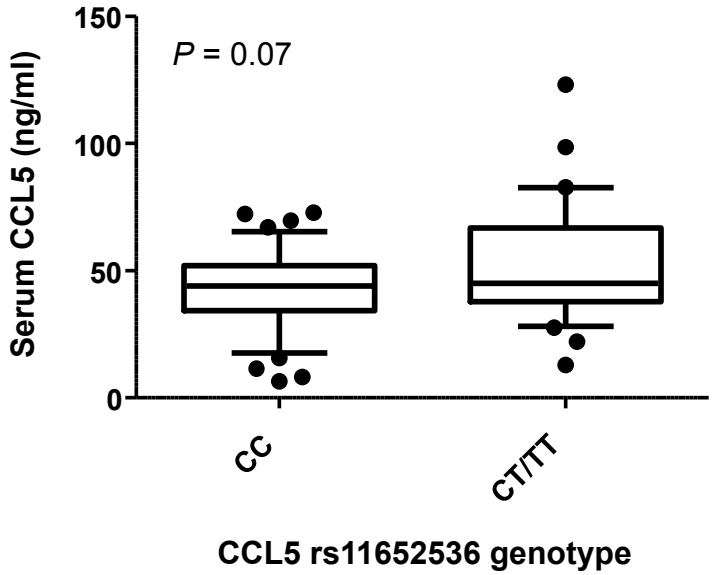
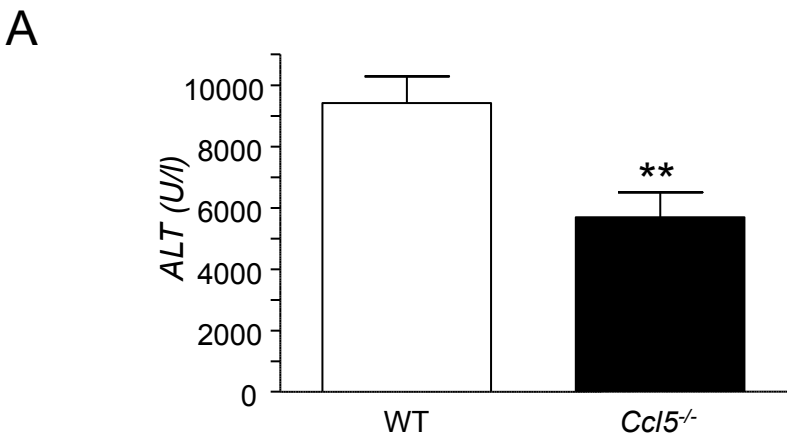
Supplementary figure 1

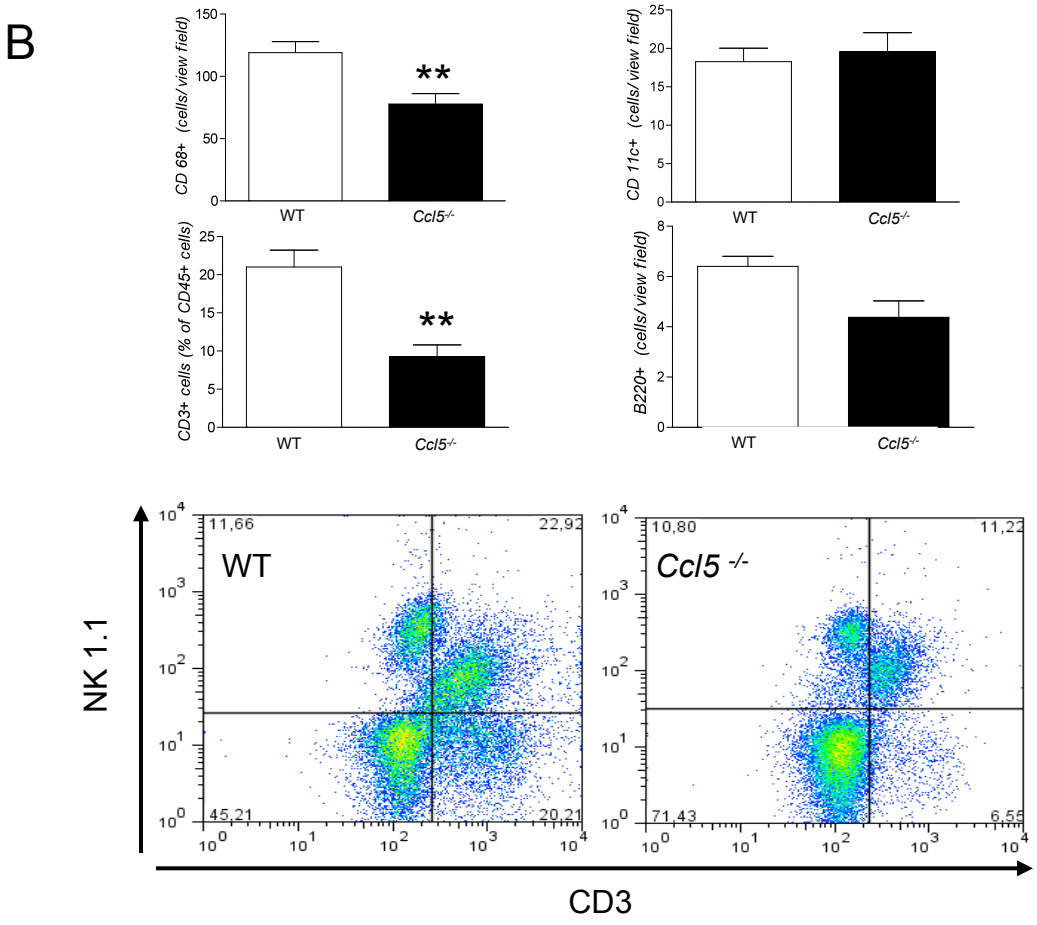


CCL5 serum levels in HCV infected subjects carrying the fibrosis associated minor allele of rs11652536, *P*-value was determined by t-test with Welch's correction. Overall, CCL5 serum concentrations were determined in 72 patients with HCV infection (n = 41 with the CC genotype, n= 31 with the CT or TT genotype).

Supplementary figure 2

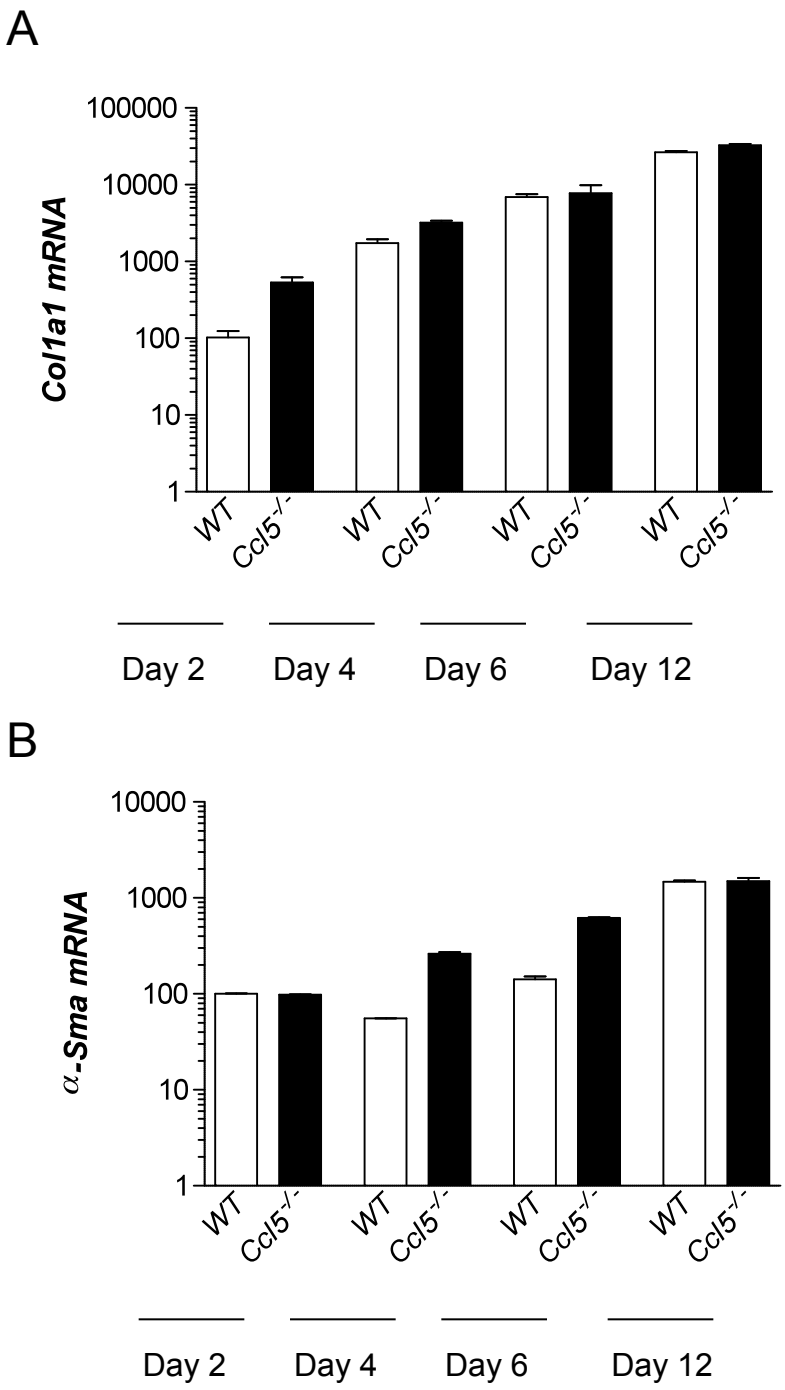


Serum ALT values 24 hours after CCl_4 administration in WT and *Ccl5* $^{-/-}$ mice. *P*-value was determined by t-test with Welch's correction. ** $P < 0.01$.



Immune cell infiltration in *Ccl5* WT and *Ccl5* $^{-/-}$ mice after chronic CCl_4 injury. Overall, the infiltration of macrophages (CD68+) and T-cells (CD3+) is significantly reduced in *Ccl5* $^{-/-}$ mice (** $P < 0.01$). The representative FACS blot for T-cells, NK cells and NKT-cells is gated on CD45+ cells within the damaged livers. Macrophages, dendritic cells and B-cells were evaluated with immunocytochemistry.

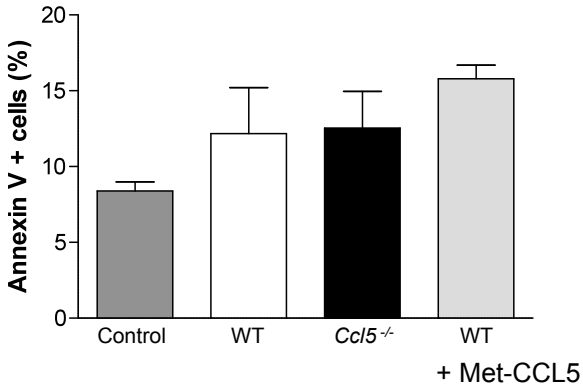
Supplementary figure 3



Col1a1 **(A)** and α*-Sma* **(B)** mRNA expression of primary hepatic stellate cells isolated from WT and *Ccl5* $^{-/-}$ mice during culture for 12 days (see material and methods)

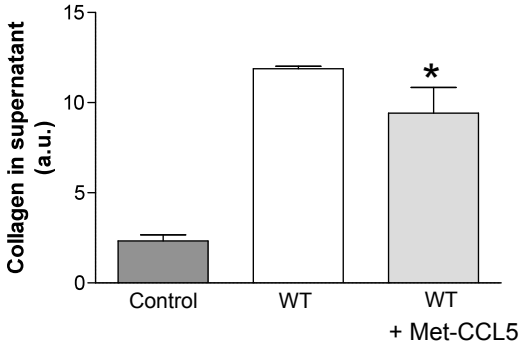
Supplementary figure 4

A



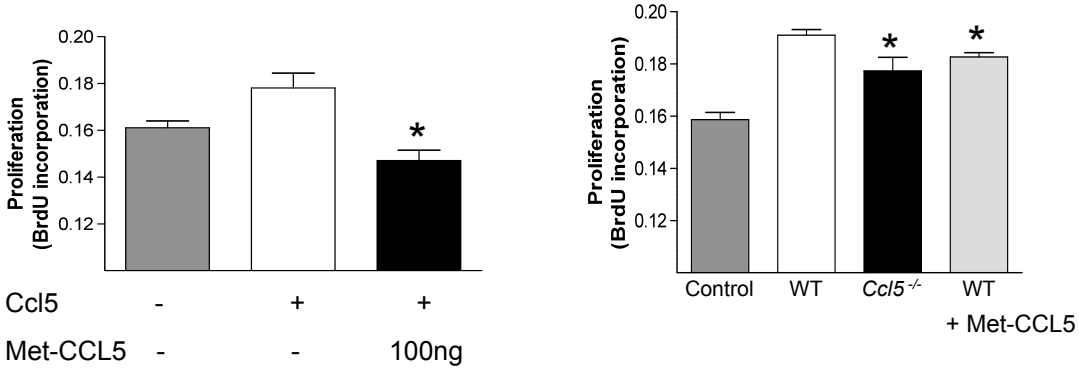
Apoptosis rate (as measured by Annexin V positive cells; FACS) of GRX cells after stimulation with conditioned media from WT splenocytes with or without pretreatment with Met-CCL5 or with media from *Ccl5* $^{-/-}$ splenocytes

B



Collagen production of primary murine hepatic stellate cells after stimulation with conditioned medium from WT mice with and without co-incubation with Met-CCL5.
* $P < 0.05$ compared to WT.

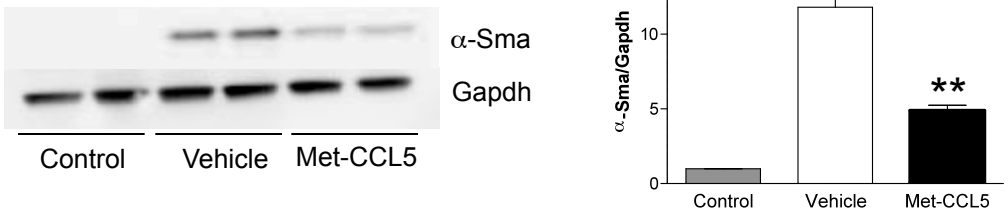
C



Proliferation of primary murine hepatic stellate cells after stimulation with recombinant murine Ccl5 with or without Met-CCL5 (left) and conditioned media from WT splenocytes with or without pretreatment with Met-CCL5 or with media from *Ccl5* $^{-/-}$ splenocytes (right), * $P < 0.05$ compared to Ccl5 or WT splenocytes, respectively

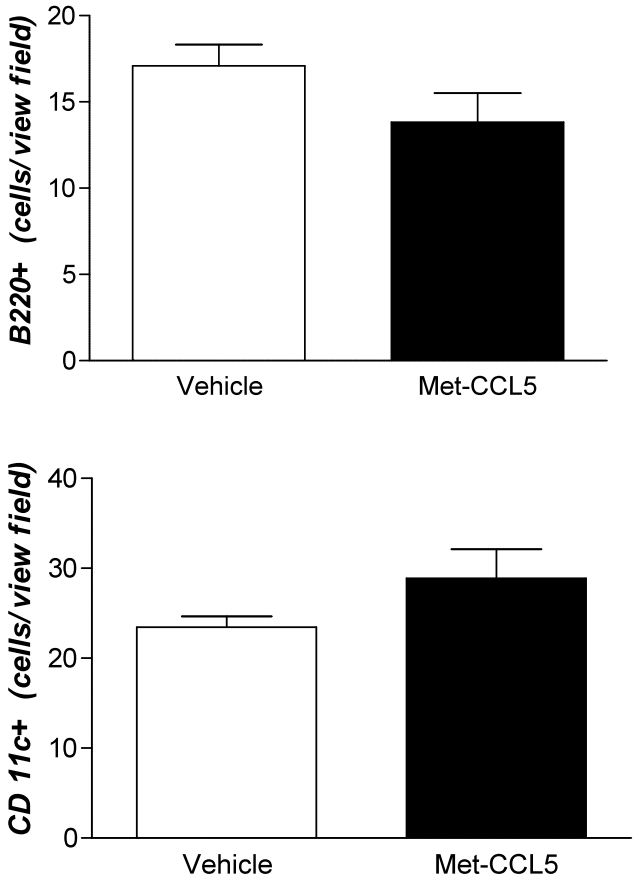
Supplementary figure 5

A



Total α-Sma protein expression in representative liver samples of untreated mice and mice treated with 6 weeks CCl_4 and concomitant administration of either vehicle or Met-CCL5. Quantification was performed with Quantity One (Biorad, Munich) in 6 mice of each group and is expressed as the ratio of α-Sma/Gapdh with controls set as 1.$^{**}P < 0.01$ compared to vehicle treated mice.

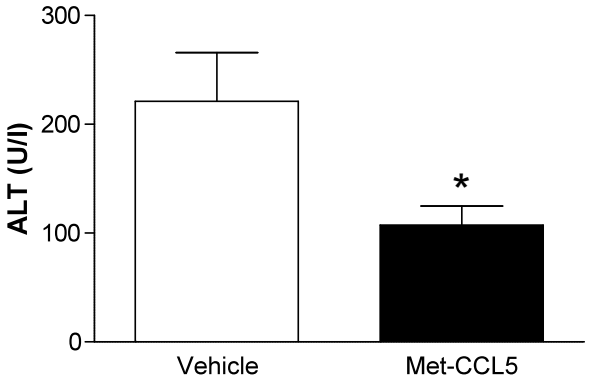
B



Immune cell infiltration in WT mice after chronic CCl_4 injury concomitantly injected with vehicle or Met-CCL5 . Overall, the infiltration of B-cells (B220+) and dendritic cells (CD11c+) is not significantly different between the groups.

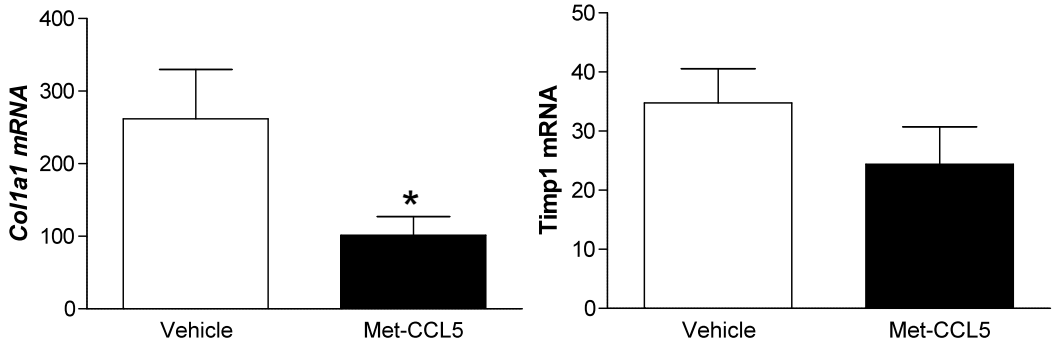
Supplementary figure 6

A



Serum ALT values in WT mice subjected to 8 weeks MCD diet and concomitant daily administration of Vehicle or Met-CCL5. *$P < 0.05$ as determined by t-test with Welch‘s correction.

B



Intrahepatic mRNA expression of fibrosis-related genes in WT mice subjected to 8 weeks MCD diet and concomitant daily administration of Vehicle or Met-CCL5. *$P < 0.05$ as determined by t-test with Welch‘s correction.