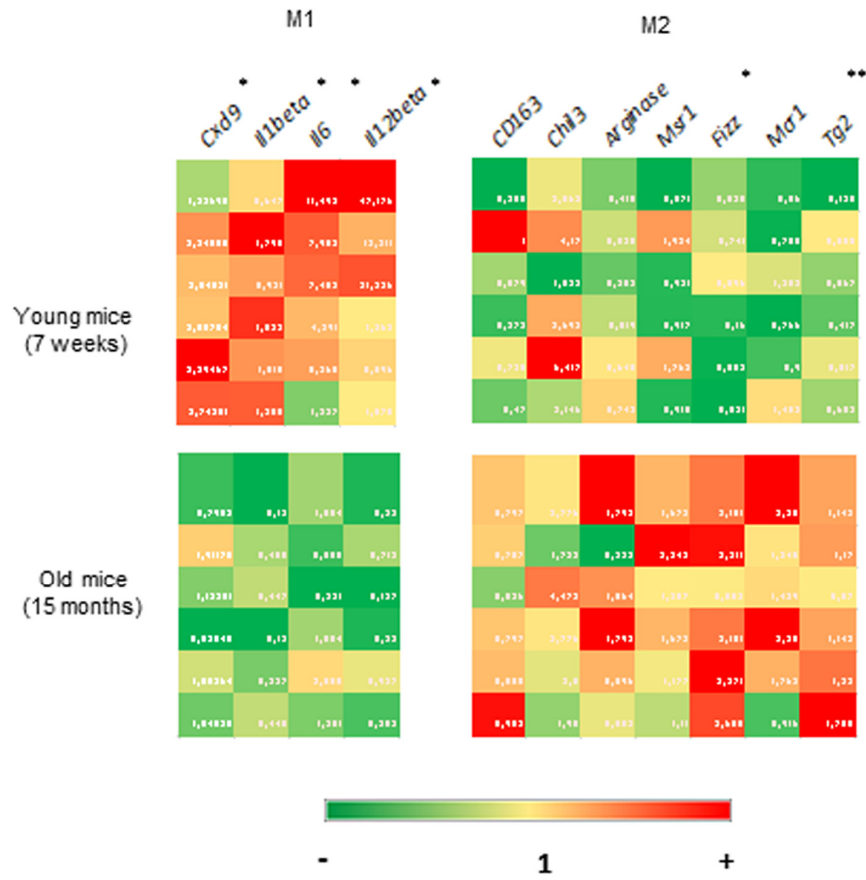


SUPPLEMENTARY MATERIAL



Supplementary Figure 1. Hepatic genes expression of M1 and M2 markers in young and old mice at peak of fibrosis. Induction compared to untreated liver appears in red and repression in green. Statistical analysis was performed by two-way ANOVA for repeated measures followed by Bonferroni's post-hoc correction. *P<0.05; **P<0.01 for differences between age groups.

Supplementary Table 1. Sequences of quantitative RT-PCR primers.

| Genes | Forward sequence primer | Reverse sequence primer |
|------------|---------------------------|-----------------------------|
| Collagen I | TTCACCTACAGCACGCTTGT | TCTTGGTGGTTTTGTATTTCGATGA |
| alpha Sma | TCCTGACGCTGAAGTATCCGATA | GGTGCCAGATCTTTTCCATGTC |
| Tgf beta | CCTGCAAGA CCATCGACATG | GAGCCTTAGTTTTGGACAGGATCTG |
| Mmp2 | GGACCCCGGTTTCCCTAA | CAGGTTATCAGGGATGGCATTG |
| Mmp3 | TGGAGCTTCTGCAGAAATA | ATCTTTTGAAGGCCATAG |
| Mmp8 | GTCCCAAGTGGACACACACT | TCACTTCAGCCCTTGACAGC |
| Mmp9 | TGAATCATAGAGGAAGCCATTACA | CGGAGTCCAGCGTTGCA |
| Mmp13 | CCAGAACTTCCCAACCATGT | GTCTTCCCCGTGTTCTCAAA |
| Mmp14 | AGTCAGGGTCACCCACAAAGA | TTTGGGCTTATCTGGGACAGA |
| Timp1 | CGCCTACACCCAGTCATG | TGCGGTTCTGGGACTTGTG |
| Timp2 | CATTACCCTCTGTGACTTCATGTG | CTGTGGTTCAGGCTCTTCTTCTG |
| Cxcl9 | TCTTGGGCATCATCTTCCTGG | GAGGTCTTTGAGGGATTTGTAGTGG |
| CD11b | GGGTCATTGCTACGTAATTGG | TGTTACCAGCTGGCTTAGATG |
| Ccl2 | CCACTCACCTGC TGCTACTCAT | CTGCTGGT GATCCTCTTGT |
| F4/80 | GATGAATTCCCGTGTTGTTGGT | ACATCAGTGTTCCAGGAGACACA |
| Vegf | TTACTGCTGTACCTCCACC | ACAGGACGGCTTGAAGATG |
| Mif | GCCAGAGGGGTTTCTGTGC | GTTTCGTGCCGCTAAAAGTCA |
| Cx3cr1 | ATCAGCATCGACCGGTACCT | CTGCACTGTCCGGTTGTTTCA |
| Il12beta | AGTGACATGTGGAATGGCGT | CAGTTCAATGGGCAGGGTCT |
| Il10 | GATGCCCCAGGCAGAGAA | CACCCAGGGAATTCAAATGC |
| Il1beta | AGTTGACGGACCCCAAAAGA | GGACAGCCCAGGTCAAAGG |
| Il6 | CTGCAA GAGACTTCCATCCAGTT | GAAG TAGGGAAGGC CGTGG |
| CD163 | CAGGTGTTATCTGCTCCGAGTTC | CCATGTACCATTGTAACACTTCAA |
| Chil3 | CATTGGAGGATGGAAGTTTGG | GAATATCTGACGGTTCTGAGGAGTAGA |
| Arginase | TGGGTGGATGCTCACACTGA | CAGGTTGCCCATGCAGATT |
| Msr1 | GAGGATGCTGACTGCAGTTCAG | GGGCCATTTTTAGTGCTGTGA |
| Mcr1 | GCATGGGTTTTACTGCTACTTGATT | CAGGAATGCTTGTTTATATCTGTCTT |
| Fizz | ACTGCCTGTGCTTACTCGTTGA | TCCACCTCTTATTCTTAGGACAGTT |
| Tg2 | CCACGACCAGAACAGCAACC | GTATGTCCCTTCGCTCTTCTCC |
| Lox | CTACATCCAGGCTTCCAGG | GCGGAAATCGTAGCAGTA |
| Lox12 | GCTATGTAGAGGCCAAGTCTG | CAGTGACACCCAGCCATTG |
| Adams2 | CAGCCGCTACCTGCATTCTATGA | CAGGCGCACACATAGTACCATCCA |