

Supporting Information

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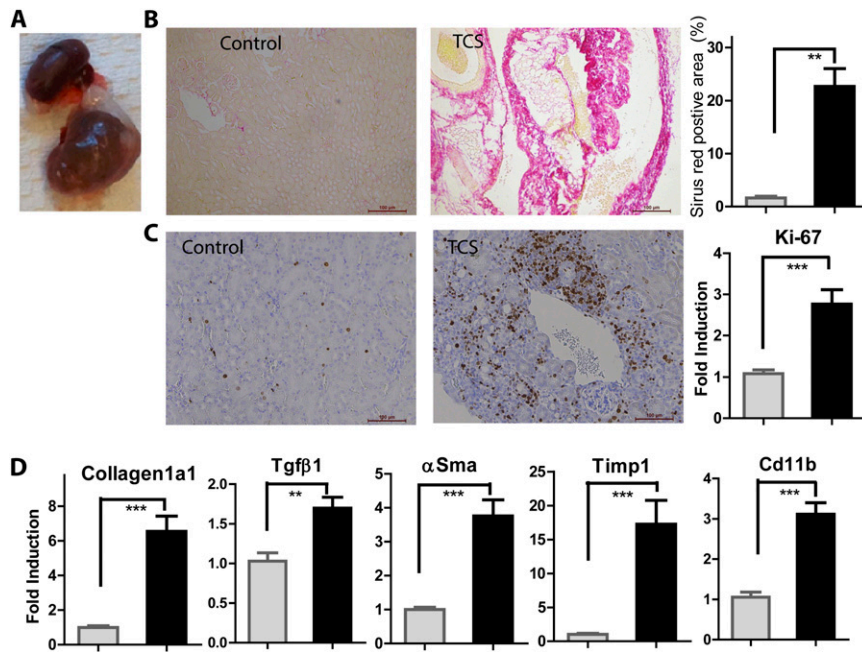


Fig. S1. TCS treatment induces kidney fibrosis in mice. Following 8-mo treatment with a chow diet containing 0.08% TCS, 8.3% of mice developed kidney fibrosis. Comparisons were made between fibrotic ($N = 3$) and nondiseased kidneys ($N = 3$). (A) A normal (*Top*) and enlarged fibrotic kidney (*Bottom*) from TCS-treated mice (B) Expression of Ki-67 was determined by immunohistochemistry and real time PCR. (C) Collagen deposition was examined by Sirius red staining (*Left*) and its quantification (*Right*). (D) Expression of genes relevant to renal fibrosis, including *Collagen 1a1*, *Tgfb1*, α *Sma*, *Timp1*, and *Cd11b*, detected by real-time PCR. (P values < 0.05 were considered statistically significant; $*P < 0.05$, $**P < 0.005$, $***P < 0.005$.)

Table S1. List and sequence of primers used for real time-PCR

Primer	Sequence
CPH fwd	5'-AGACGCCACTGTCGCTT-3'
CPH rev	5'-GTCTTTGGAACCTTTGTCTGCAA-3'
HO-1 fwd	5'-CAGGTGTCCAGAGAAGGCTTT-3'
HO-1 rev	5'-TCTTCCAGGGCCGTGTAGAT-3'
NQO1 rev	5'-GCAGGATGCCACTCTGAATC-3'
NQO1 fwd	5'-GGTGATATTTTCAGTCCCATTGC-3'
GSTA1 fwd	5'-CAGCCTCCCCAATGTGAAGAA-3'
GSTA1 rev	5'-TGGCTCCATCAATGCAGCTT-3'
CYP2B10 fwd	5'-ACTCCGACTTCGTCCACCT-3'
CYP2B10 rev	5'-GGCTCAATGGTCATGTGGCA-3'
K _i -67 fwd	5'-AGAGCCTTAGCAATAGCAACG-3'
K _i -67 rev	5'-GTCTCCCGGATTCTCTG-3'
CD45 fwd	5'-GCTCAAACCTTCTGGCCTTTG-3'
CD45 rev	5'-AAGAGTTGTGAGGCTGGCAC-3'
c-Myc fwd	5'-AGAGCTCCTCGAGCTGTTT-3'
c-Myc rev	5'-TGAAGTTCACGTTGAGGG-3'
CYCLIND1 fwd	5'-TCCTCTCCAAAATGCCAGAG-3'
CYCLIND1 rev	5'-GGGTGGGTTGGAAATGAAC-3'
AFP fwd	5'-CTTCCCTCATCCTCCTGTAC-3'
AFP rev	5'-ACAAACTGGGTAAAGGTGATGG-3'
IGF2 fwd	5'-TGAGAAGCACCAACATCGAG-3'
IGF2 rev	5'-CTTCTCCTCCGATCCTCCTG-3'
DLK1 fwd	5'-TGTGCAGGAGCATTCGTACT-3'
DLK1 rev	5'-CGGGAAATCTGCGAAATAG-3'
CXCR2 fwd	5'-ATGCCCTCTATTCTGCCAGAT-3'
CXCR2 rev	5'-GTGCTCCGGTTGTATAAGATGAC-3'
TNF α fwd	5'-CATCTTCTCAAAAATTCGAGTGACAA-3'
TNF α rev	5'-TGGGAGTAGACAAGGTACAACCC-3'
IL-6 fwd	5'-GAGGATACCACTCCCAACAGACC-3'
IL-6 rev	5'-AAGTGCATCATCGTTGTTTCATA-3'
COL1A1 fwd	5'-TAGGCCATTGTGTATGCAGC-3'
COL1A1 rev	5'-ACATGTTTCAGCTTTGTGGACC-3'
α -SMA fwd	5'-GTTTCAGTGGTGCCCTCTGTCA-3'
α -SMA rev	5'-ACTGGGACGACAGGAAAAG-3'
TGF β 1 fwd	5'-GTGGAAATCAACGGGATCAG-3'
TGF β 1 rev	5'-ACTTCCAACCCAGGTCCTTC-3'
TIMP1 fwd	5'-AGGTGGTCTCGTTGATTTCT-3'
TIMP1 rev	5'-GTAAGGCCTGTAGCTGTGCC-3'
gp91phox fwd	5'-TGTGGTTGGGGCTGAATGTC-3'
gp91phox rev	5'-CTGAGAAAGGAGAGCAGATTT-3'
p47phox fwd	5'-CTATCTGGAGCCCCCTTGACA-3'
p47phox rev	5'-TCCTCTTCAACAGCAGCGTA-3'
p67phox fwd	5'-GCTGCGTGAACACTATCCTGG-3'
p67phox rev	5'-AGGTCGTACTTCTCATTCTG-3'

fwd, forward; rev, reverse.