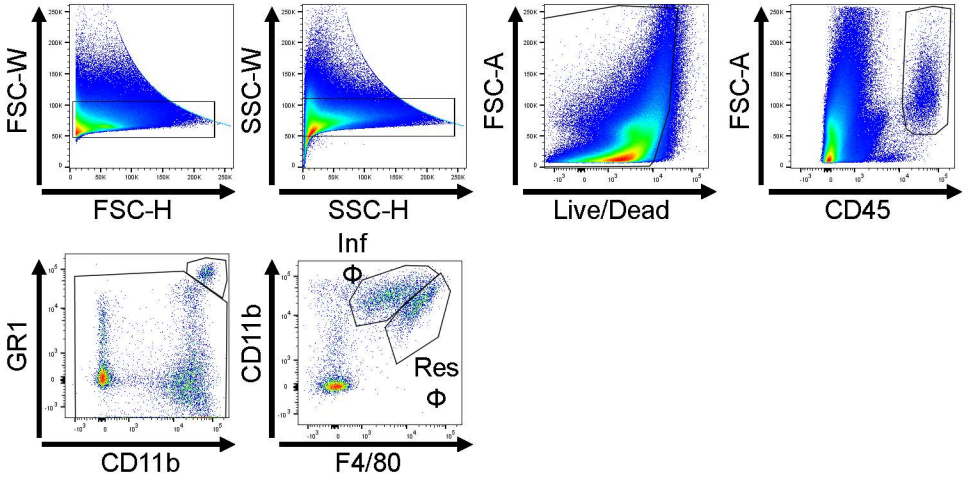
Supplemental figure legends

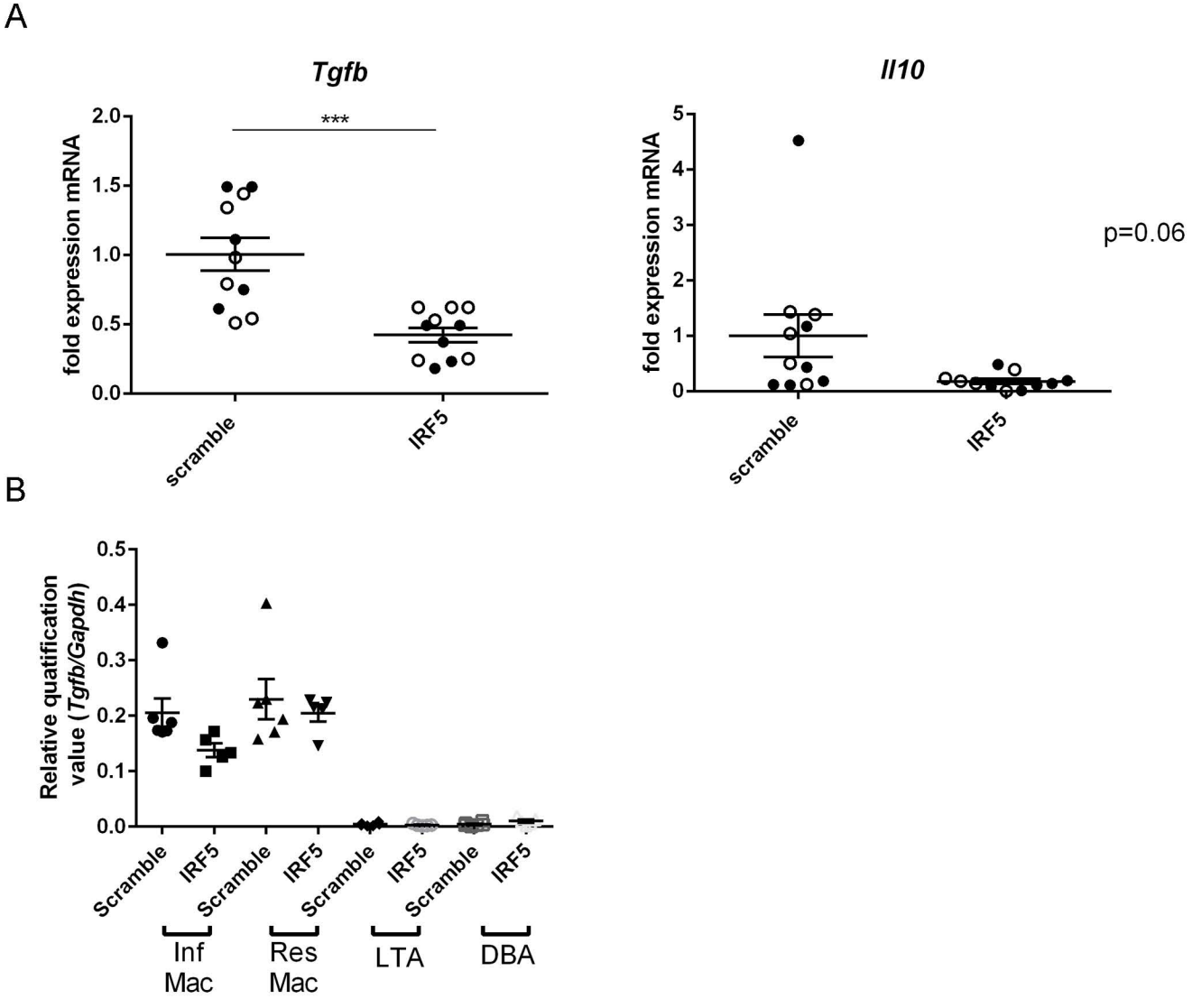
Figure S1. Gating strategy used to identify renal infiltrating and tissue resident macrophages. Representative gating strategy used to identify infiltrating ($CD11b^{hi}$, $F4/80^{lo}$) and resident ($CD11b^{lo}$, $F4/80^{hi}$) macrophages in the kidney based on differential expression of CD11b and F4/80.

Figure S2. IRF5 ASO treatment does not reduces *Tgfb1* gene expression in sorted macrophages from 1K *Pkd1* mice. A. qRT-PCR analysis of *Tgfb1* and *Il10* in whole kidney tissue isolated from IRF5 or scrambled ASO treated 1K *Pkd1* mice 6 weeks post nephrectomy. Treatment with IRF5 reduced *Tgfb1* but not *Il10* expression in 1K *Pkd1* mice compared to controls. (***p<0.001 t-test). **B.** qRT-PCR analysis of *Tgfb1* expression in FACS sorted macrophage and epithelial populations isolated from 1K *Pkd1* mice treated with IRF5 or scrambled ASO for 6 weeks. Our data indicate that treatment with IRF5 ASO did not reduce *Tgfb1* expression in the macrophages.

Fig.S1


FSC-W
FSC-H
SSC-W
SSC-H
FSC-A
Live/Dead
FSC-A
CD45
GR1
CD11b
CD11b
F4/80
Inf
Φ
Res
Φ

FigS2


A
Tgfb
fold expression mRNA
2.0
1.5
1.0
0.5
0.0
***
scramble
IRF5
Il10
fold expression mRNA
5
4
3
2
1
0
p=0.06
scramble
IRF5
B
Relative quatification value (Tgfb/Gapdh)
0.5
0.4
0.3
0.2
0.1
0.0
Scramble
IRF5
Scramble
IRF5
Scramble
IRF5
Scramble
IRF5
Inf Mac
Res Mac
LTA
DBA