

Supplemental Information

Regulating the cell shift of endothelial cell-like myofibroblasts in pulmonary fibrosis

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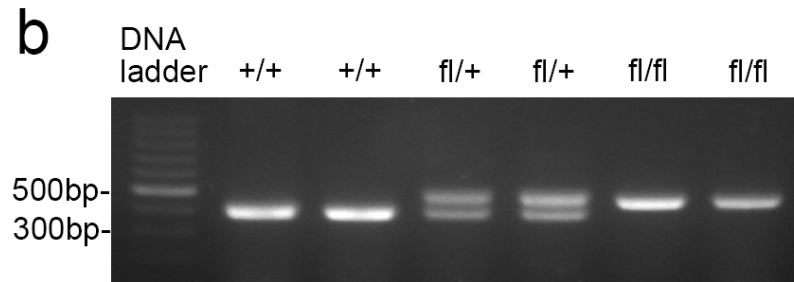
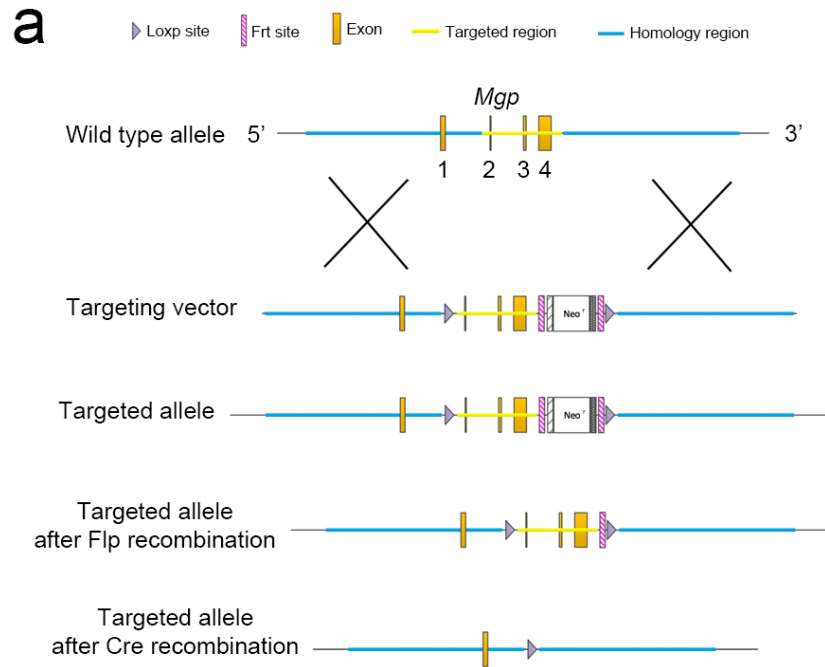
Supplemental Figures S1 and S2

Supplemental Figure Legends S2 and S2

Supplemental data 1 and description

Supplemental data 2 and description

Supplemental Figure S1 and Legend



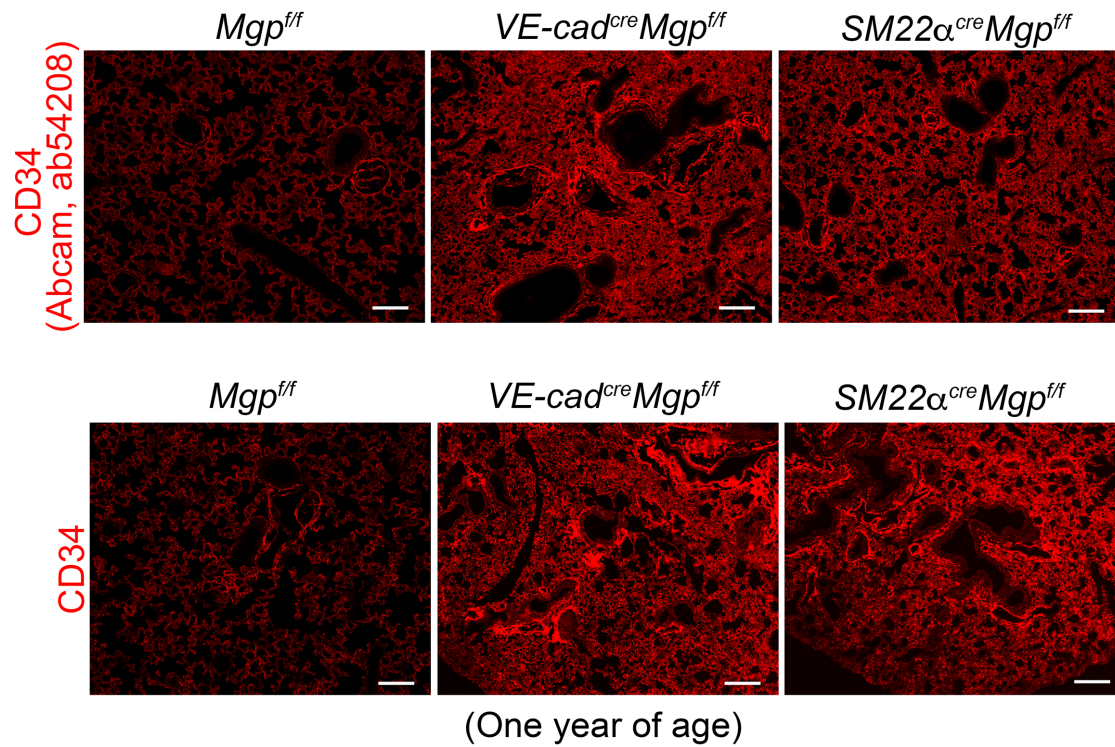
Supplemental data 1

Generation of $Mgp^{lox/lox}$ mice.

a, Strategy of *Mgp* gene targeting.

b, Genotyping of $Mgp^{lox/lox}$ ($Mgp^{fl/fl}$) mice by PCR. +/+, wild type. fl/+, heterozygous. fl/fl, homozygous.

Supplemental Figure S2 and Legend



Supplemental Figure S2

CD34 staining

Top, Immunostaining using anti-CD34 antibodies (Abcam, ab54208).

Bottom, Immunostaining of lungs of mice at one-year old of age using anti-CD34 antibodies.

Scale, 100 μm.

Supplemental data 1

The list of top 15 genes when ECs vs EC-like myofibroblasts & myofibroblasts and EC-like myofibroblasts & myofibroblasts vs ECs

Top 15 markers in ECs vs EC-like myofibroblasts & myofibroblasts

Egfl7
Cldn5
Ramp2
Ptprb
Adgrf5
Tspan7
Cd93
Clec14a
Cdh5
Calcr1
Ehd4
Cd36
Epas1
Pecam1
Gpihbp1

Top 15 markers in EC-like myofibroblasts & myofibroblasts vs ECs

Col3a1
Cfh
Plxdc2
Serping1
Sod3
Pdgfra
Col1a2
Rarres2
Mfap5
Fxyd1
Nupr1
Col6a1
Dpep1
Loxl1
Clec3b

Supplemental data 2

Gating strategies of FACS

Figure 2a

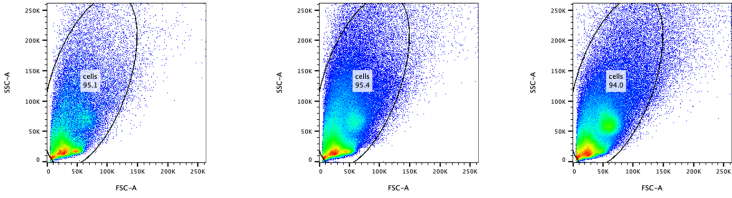


Figure 3d

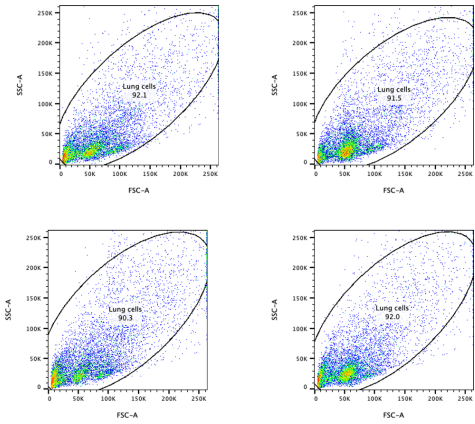


Figure 6a

