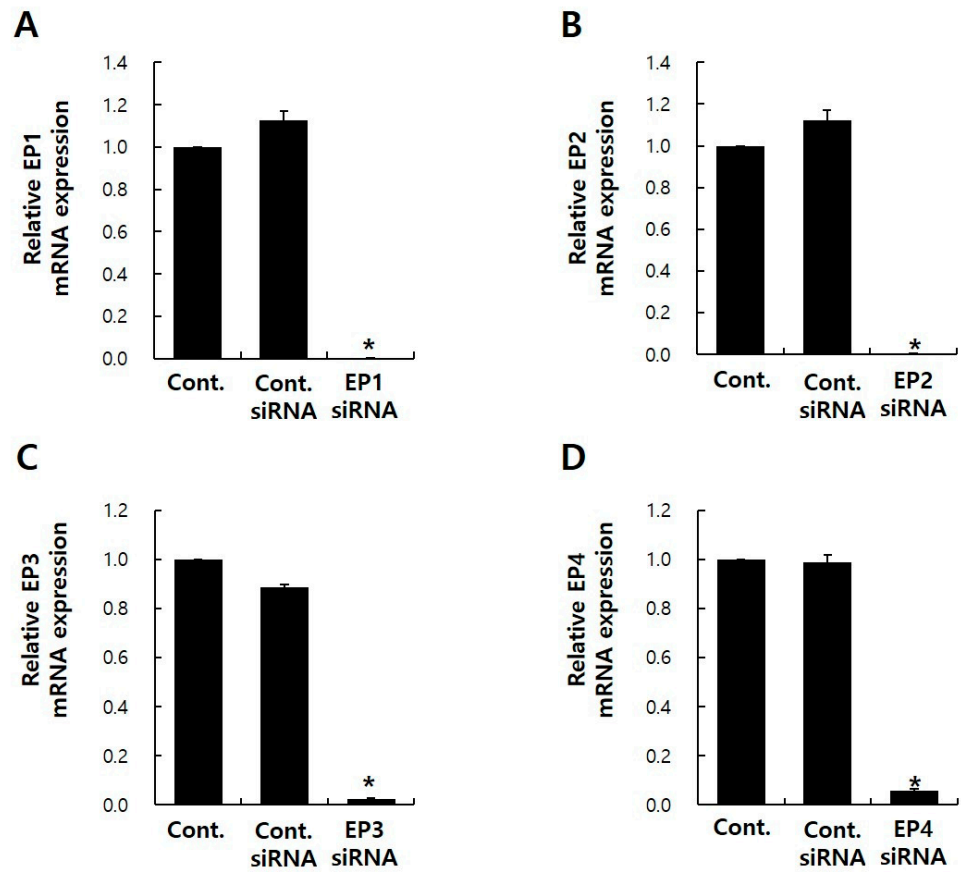


Supplementary figure legends

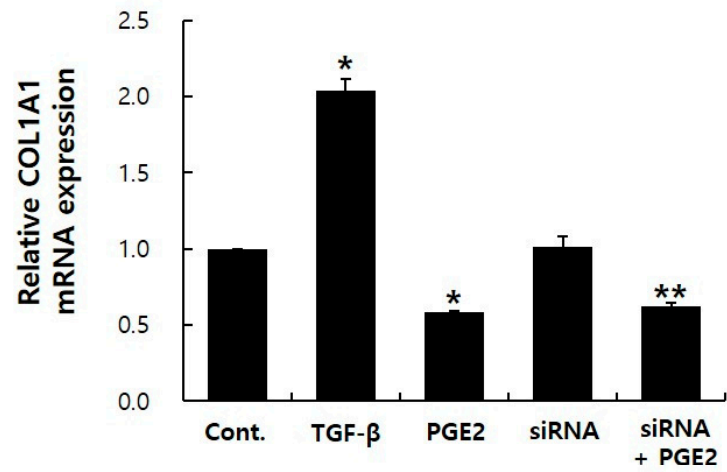
Supplementary Fig. 1



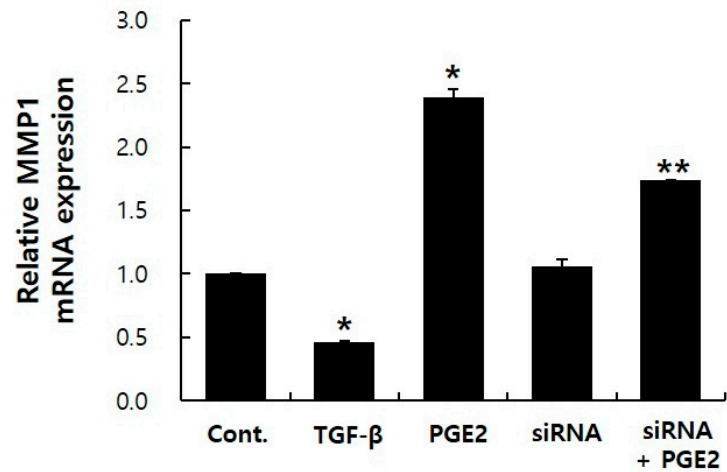
Supplementary Fig. 1 EP1–EP4 siRNAs significantly decrease their own gene expressions. EP1–EP4 siRNA and control siRNA were transfected into NHDFs. Total RNA was extracted, and qRT-PCR was performed for EP1 (A), EP2 (B), EP3 (C), and EP4 (D). Error bars represents the SD of independent experiments. $*P < 0.05$ compared to the control. EP, E-prostanoid; siRNA, small interfering RNA; NHDF, normal human dermal fibroblast; qRT-PCR, quantitative reverse transcription polymerase chain reaction; SD, standard deviation.

Supplementary Fig. 2 (EP2 siRNA)

A

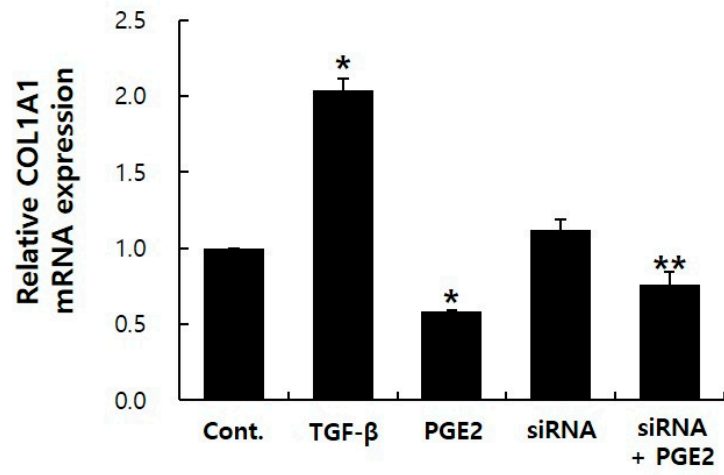


B

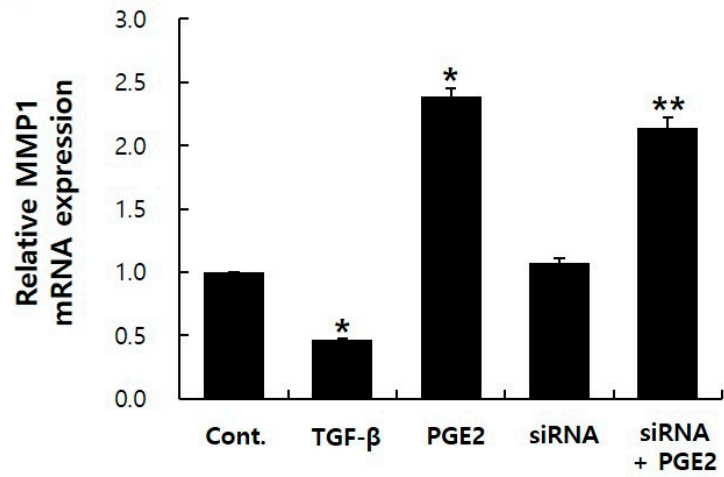


Supplementary Fig. 2 (EP3 siRNA)

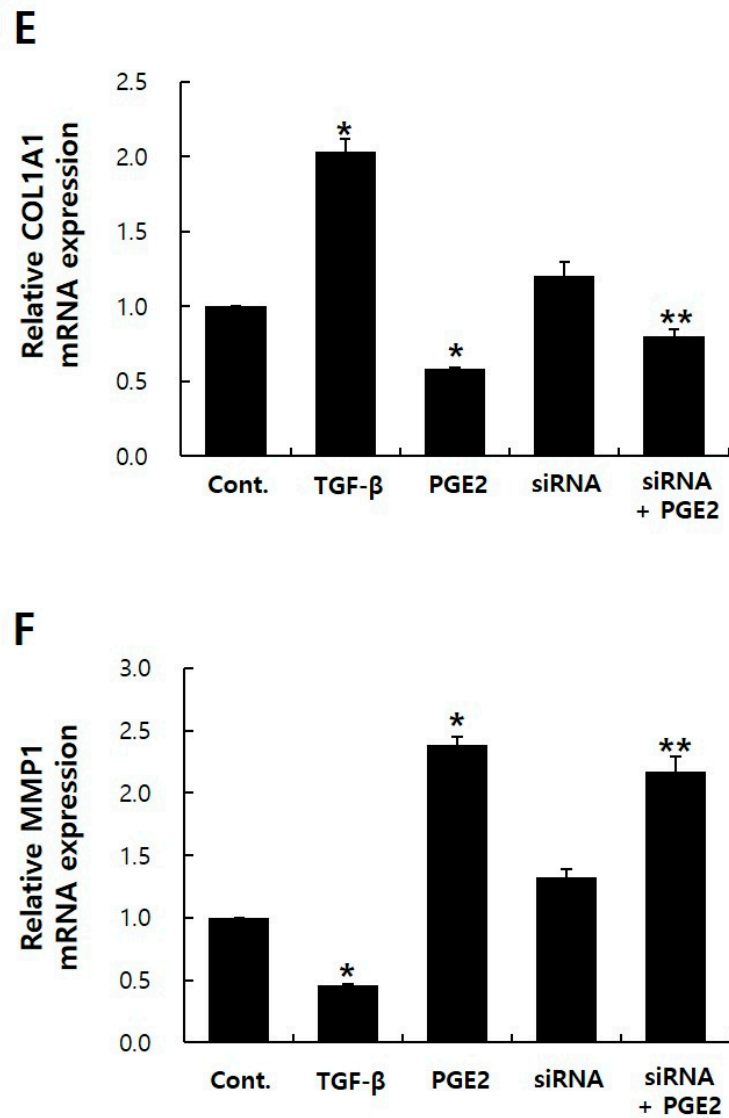
C



D



Supplementary Fig. 2 (EP4 siRNA)



Supplementary Fig. 2 EP2–EP4 siRNAs do not affect COL1A1 and MMP1 expression in NHDFs. EP2–EP4 siRNA and control siRNA were transfected into NHDFs. Total RNA was extracted, and qRT-PCR was performed for COL1A1 and MMP1 (A–F). Error bars represent the SD of independent experiments. *Compared to the control; ** $P < 0.05$ compared to siRNA-transfected NHDFs. EP, E-prostanoid; siRNA, small interfering RNA; COL1A1, collagen, type I, alpha 1; MMP1, matrix metalloproteinase 1; NHDF, normal human dermal fibroblast; qRT-PCR, quantitative reverse transcription polymerase chain reaction; SD, standard deviation.