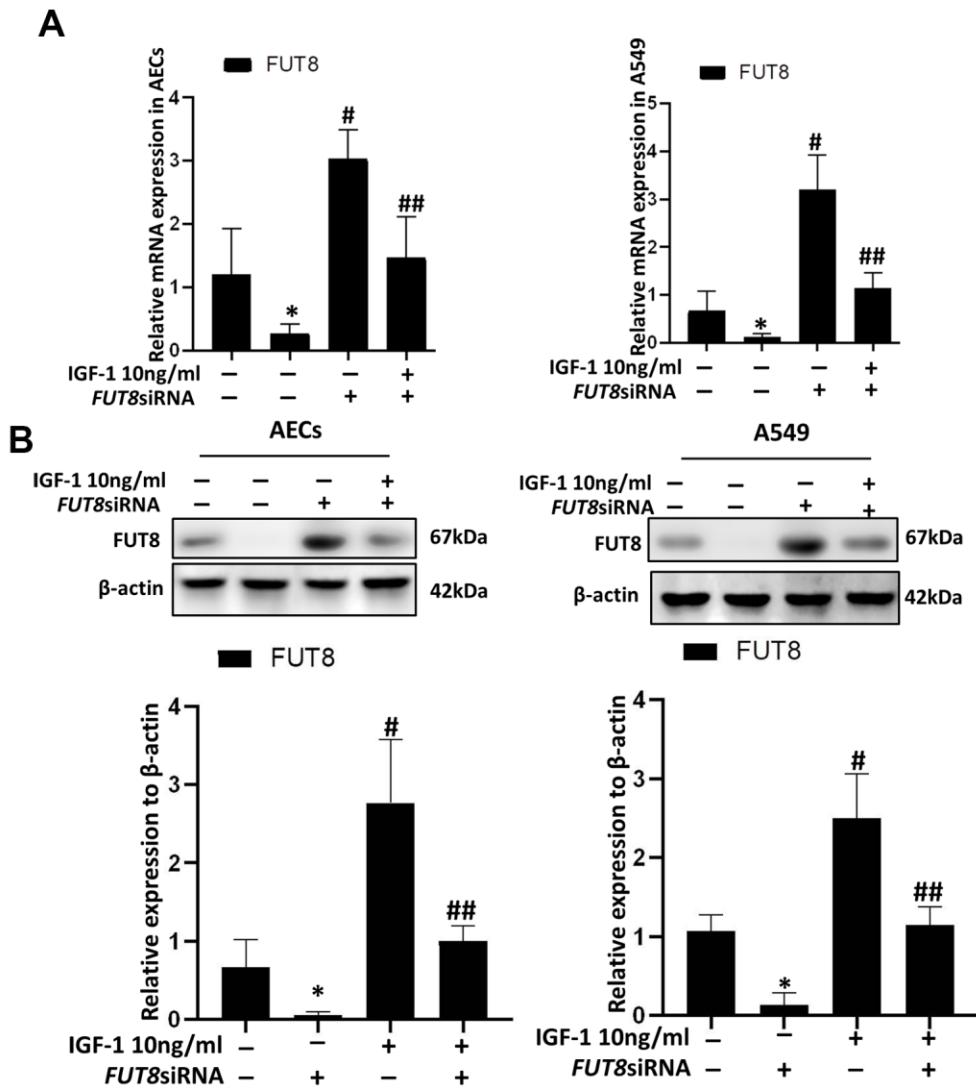
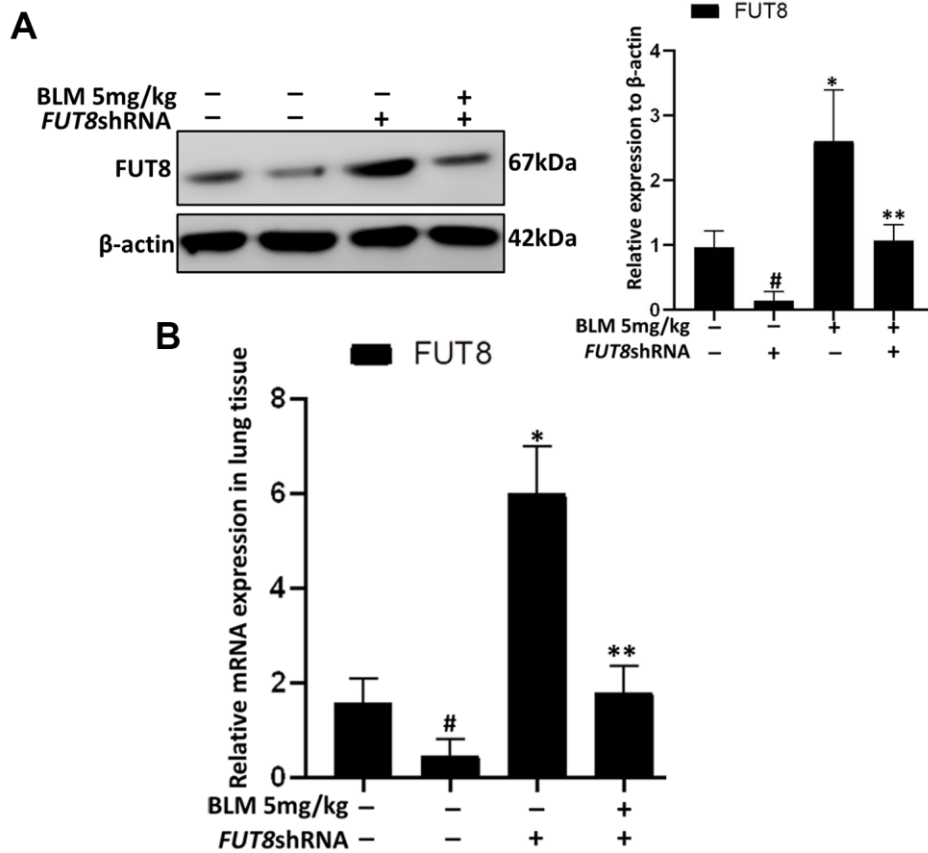


SUPPLEMENTARY FIGURES



Supplementary Figure 1. Effect of FUT8siRNA transfection on core fucosylation in AECs and A549 cells. (A) RT-PCR indicate that FUT8siRNA inhibited the mRNA of endogenous FUT8. (B) Western blotting indicate that FUT8siRNA inhibited the protein expression of endogenous FUT8. Data are shown as the mean \pm SEM, $n \geq 3$ per group. * $P < 0.01$, # $P < 0.01$, ## $P < 0.01$. *Indicates the comparison of the FUT8siRNA group with control group; # indicates the comparison of the control group with the IGF1 group; ## indicates the comparison of the FUT8 siRNA+ IGF1 group with the IGF1 group. One-way ANOVA followed by Dunnett's Multiple Comparison Test.



Supplementary Figure 2. *FUT8*shRNA effectively inhibits endogenous α -1,6 fucosyltransferase (*FUT8*) expression in the lung tissues. (A) Representative RT-PCR analysis of *FUT8* mRNA expression in the BLM induced mouse model lung infected with *FUT8*shRNA. (B) Representative western blot analysis and quantification of *FUT8* protein expression in the BLM induced mouse model lung infected with *FUT8*shRNA. Data are shown as the mean \pm SEM, $n \geq 3$ per group. # $P < 0.01$, * $P < 0.01$, ** $P < 0.01$. # Indicates the comparison of the *FUT8*shRNA with control group; * indicates the comparison of the control group with the BLM group; ## indicates the comparison of the *FUT8*shRNA+BLM group with the BLM group. One-way ANOVA followed by Dunnett's Multiple Comparison Test.