a. Ki67  Smad2  pSmad2  pSmad2

WT  Jf/Jf

200μm  200μm  200μm  200μm

% of epithelial cells positive for Ki67 in proximal airways

% of epithelial cells with cytoplasmic localization of Smad2 in proximal airways

% of epithelial cells positive for pSmad2 in proximal airways

p=0.00386

WT  Jf/Jf

Jf/Jf

wt  Jf/Jf

wt

b. pSmad2  actin

pSmad2/actin

wt  Jf/+  Jf/Jf

Jf/Jf

nuclear  cytoplasmic

c. H&E

WT  Jf/Jf

Jf/Jf

H&E

WT

p=0.000005

number of airways

p=0.00386

wt  Jf/Jf

p=0.005192

width of airways (μm)