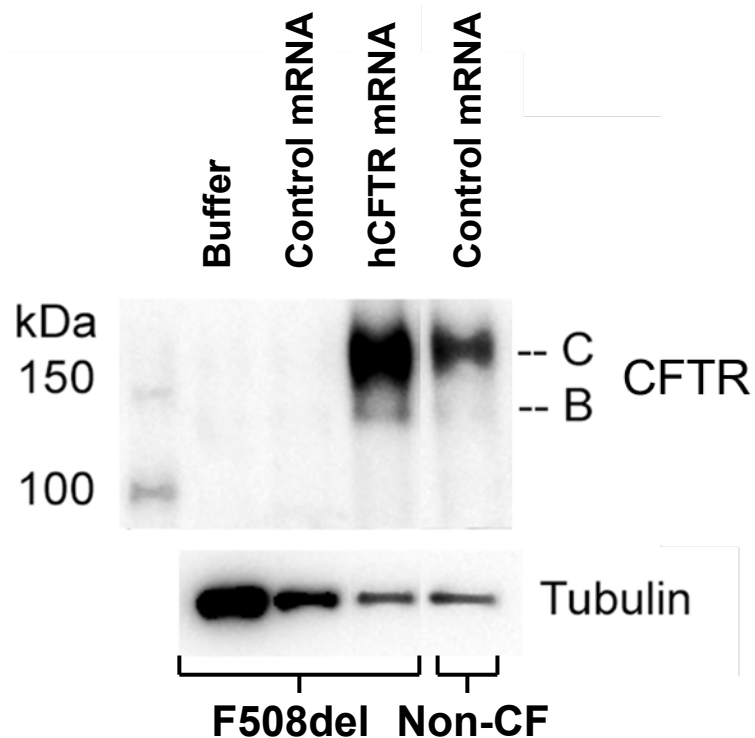


mRNA  
Replacement

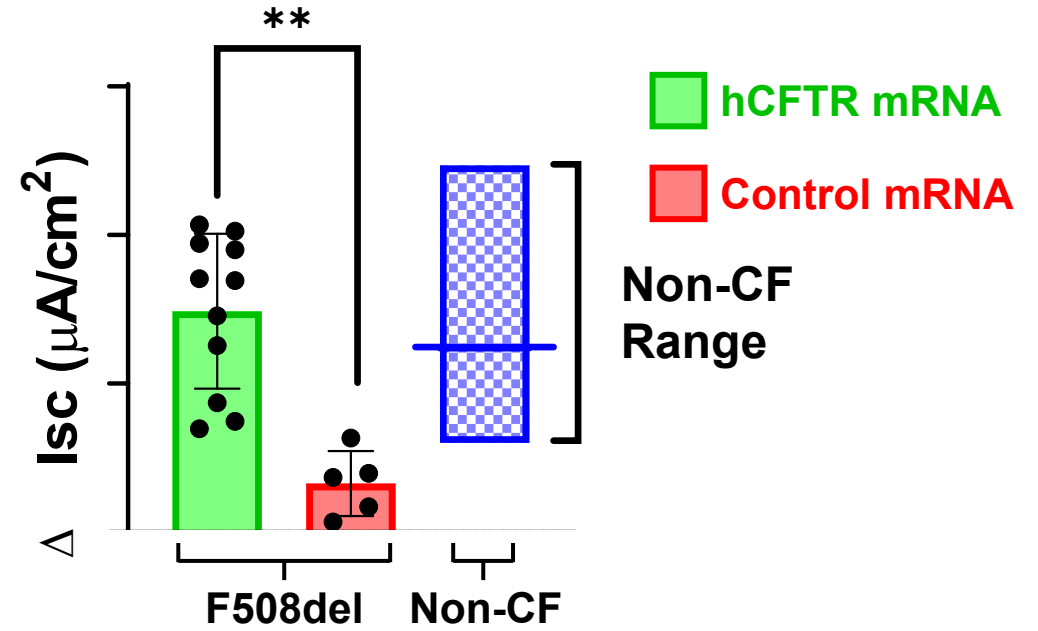
# LUNAR<sup>®</sup>-hCFTR mRNA (ARCT-032) Restores CFTR Expression & Function *in vitro*

Restoration of CFTR expression and function in CF hBE cells

High levels of mature CFTR protein



Restored chloride activity  
(chloride gradient)



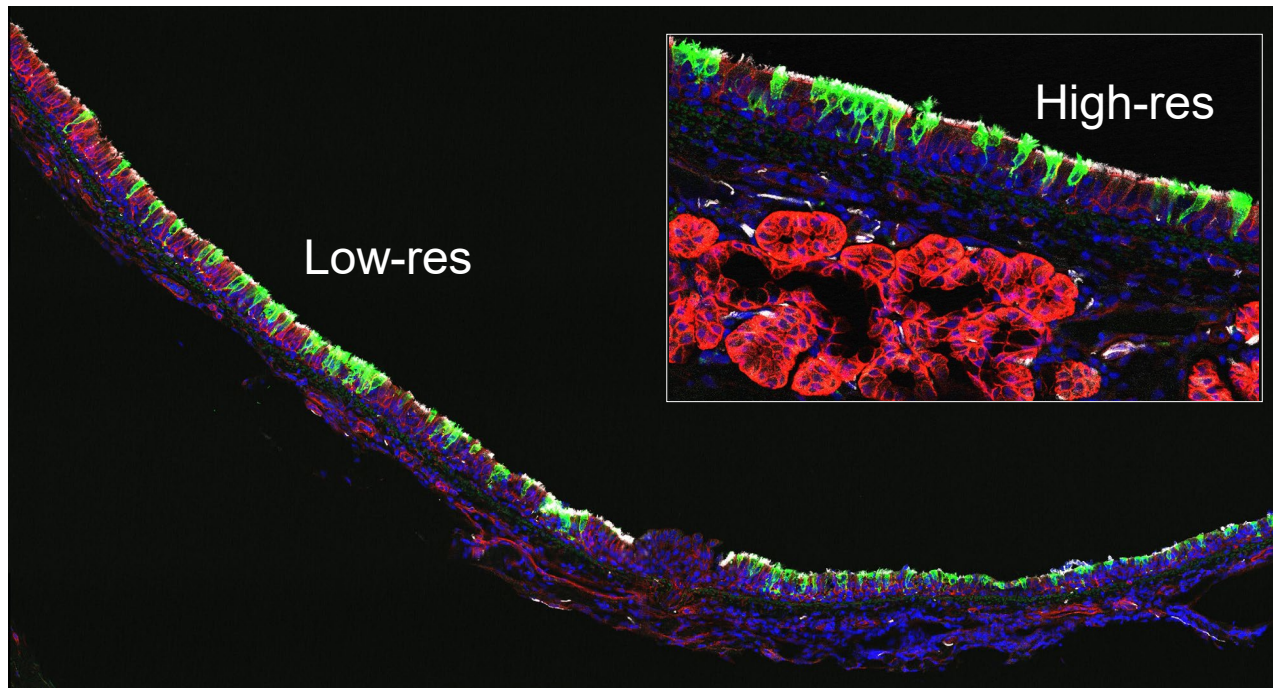
\*\*P<0.01; Data from two F508del donors; Using chamber studies performed with chloride secretory gradient

mRNA  
Replacement

# LUNAR<sup>®</sup>-mRNA Transduces Epithelium in Presence of CF Mucus

LUNAR<sup>®</sup> -Cre in a G551D CF ferret (off VX-770)

Trachea



Bronchus

