FIG. 1A

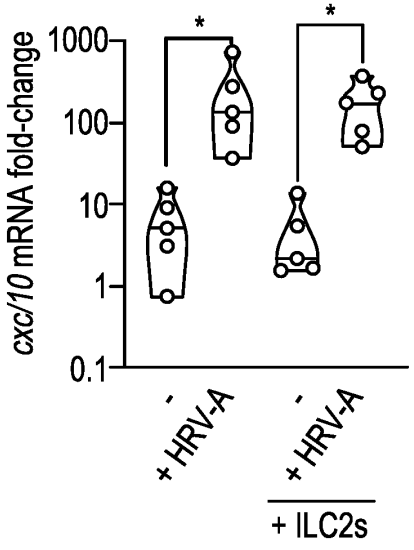


FIG. 1B

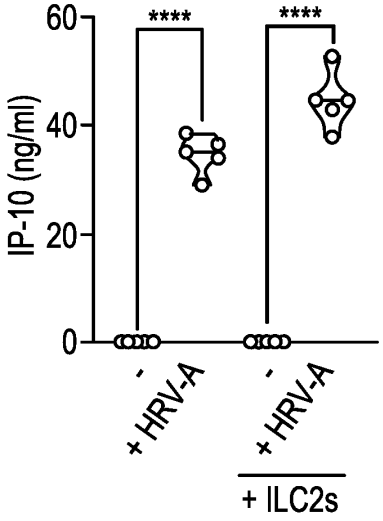


FIG. 1C

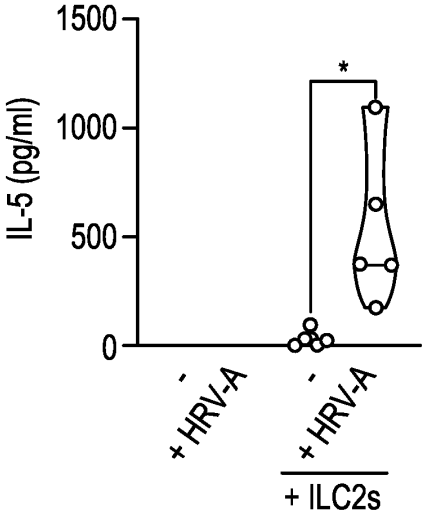


FIG. 1D

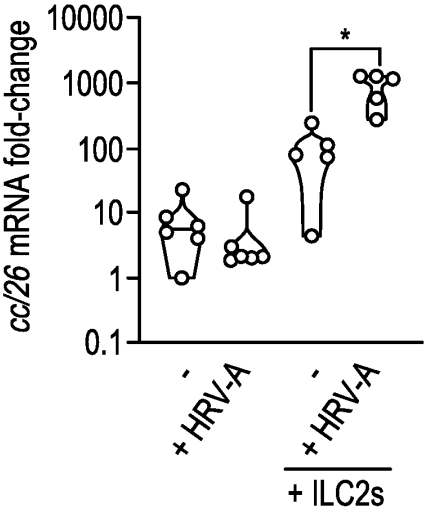


FIG. 1E

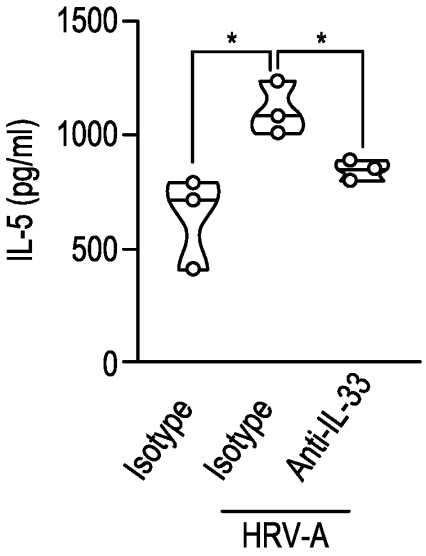


FIG. 2A

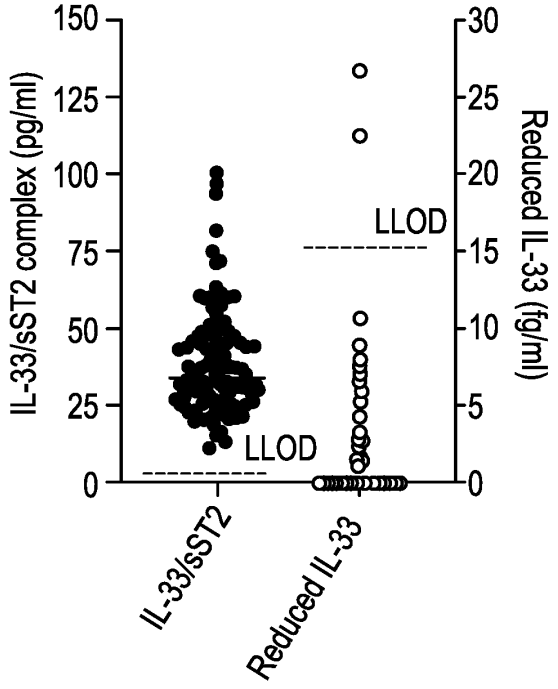

150
125
100
75
50
25
0
IL-33/sST2 complex (pg/ml)
30
25
20
15
10
5
0
Reduced IL-33 (fg/ml)
LLOD
LLOD
IL-33/sST2
Reduced IL-33

FIG. 2B

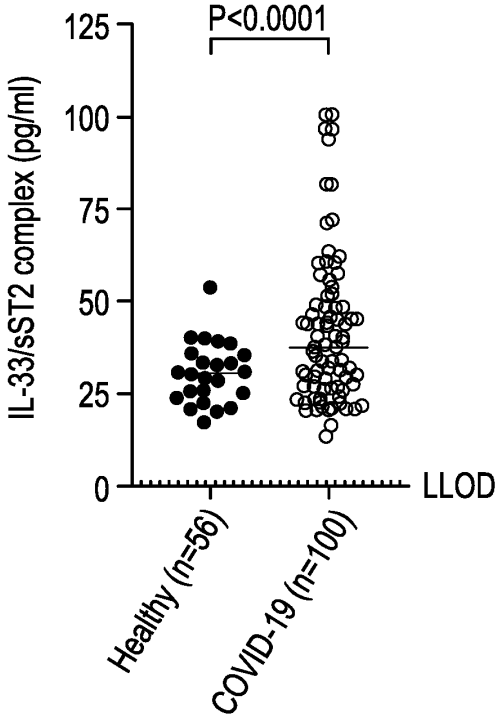
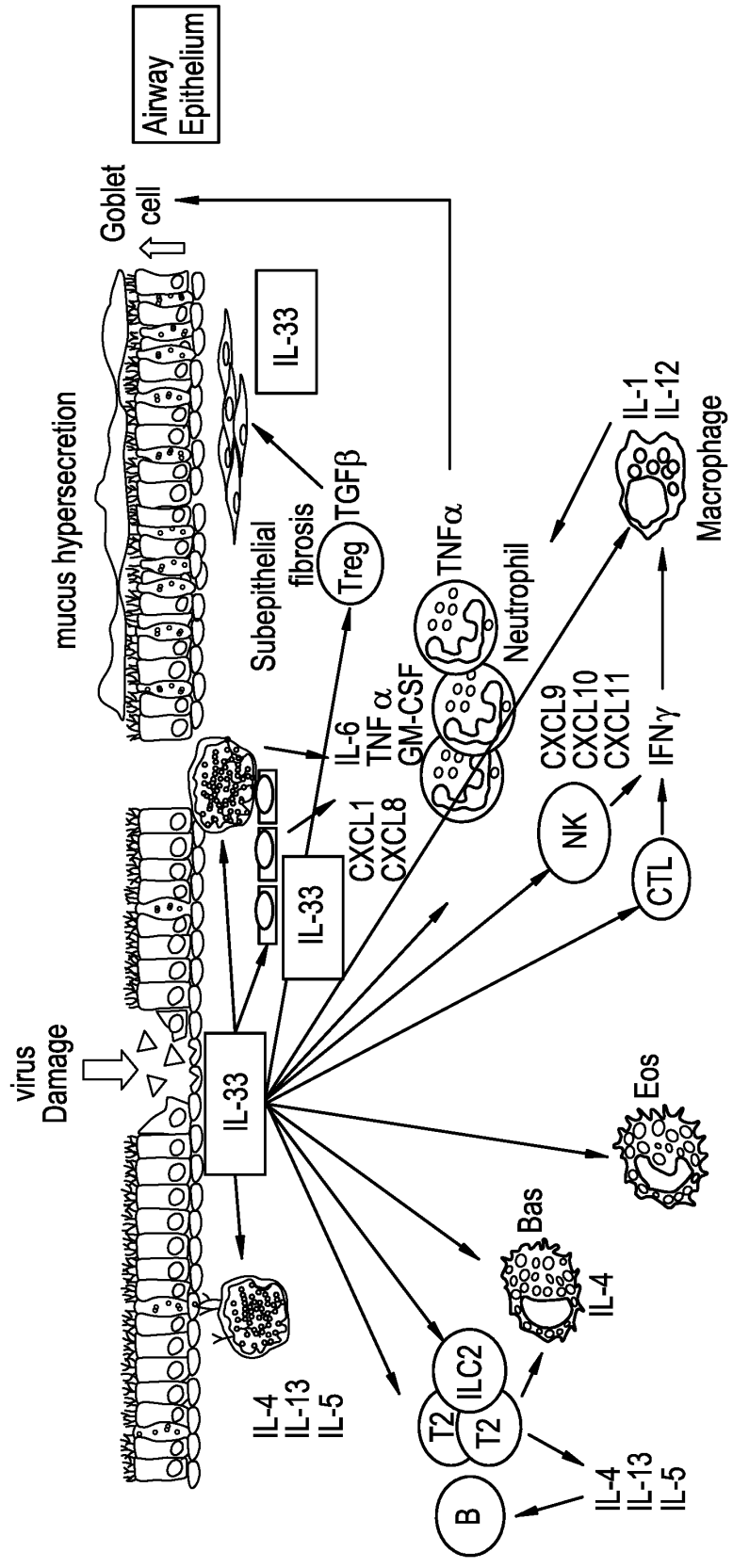

P<0.0001
125
100
75
50
25
0
IL-33/sST2 complex (pg/ml)
LLOD
Healthy (n=56)
COVID-19 (n=100)

FIG. 3


Airway Epithelium
Goblet cell
mucus hypersecretion
IL-33
Subepithelial fibrosis
TGFβ
Treg
TNFα
Neutrophil
IL-1
IL-12
Macrophage
IL-6
TNF α
GM-CSF
CXCL1
CXCL8
IL-33
CXCL9
CXCL10
CXCL11
IFNγ
NK
CTL
virus
Damage
IL-33
Eos
Bas
IL-4
IL-4
IL-13
IL-5
T2
ILC2
T2
B
IL-4
IL-13
IL-5