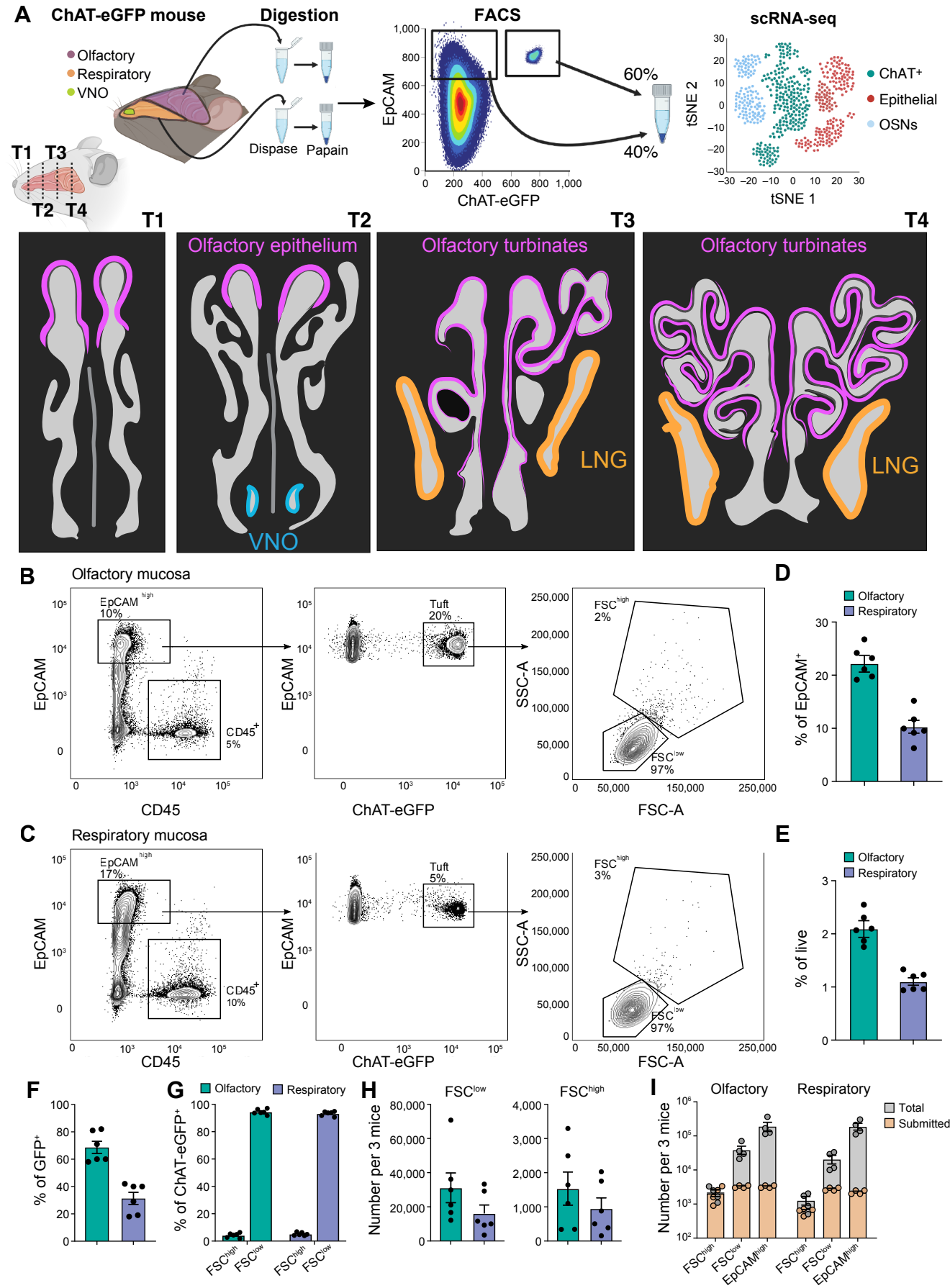
A
ChAT-eGFP mouse
Olfactory
Respiratory
VNO
T1 T3
T2 T4
Digestion
Dispase
Papain
FACS
EpCAM
ChAT-eGFP
60%
40%
scRNA-seq
tSNE 2
tSNE 1
ChAT+
Epithelial
OSNs
T1
T2
Olfactory epithelium
VNO
T3
Olfactory turbinates
LNG
T4
Olfactory turbinates
LNG
B
Olfactory mucosa
EpCAM high 10%
CD45+ 5%
Tuft 20%
FSC high 2%
FSC low 97%
SSC-A
FSC-A
D
Olfactory
Respiratory
% of EpCAM+
C
Respiratory mucosa
EpCAM high 17%
CD45+ 10%
Tuft 5%
FSC high 3%
FSC low 97%
E
% of live
F
% of GFP+
G
% of ChAT-eGFP+
FSC high
FSC low
H
FSC low
FSC high
Number per 3 mice
I
Olfactory
Respiratory
Total
Submitted
Number per 3 mice
EpCAM high