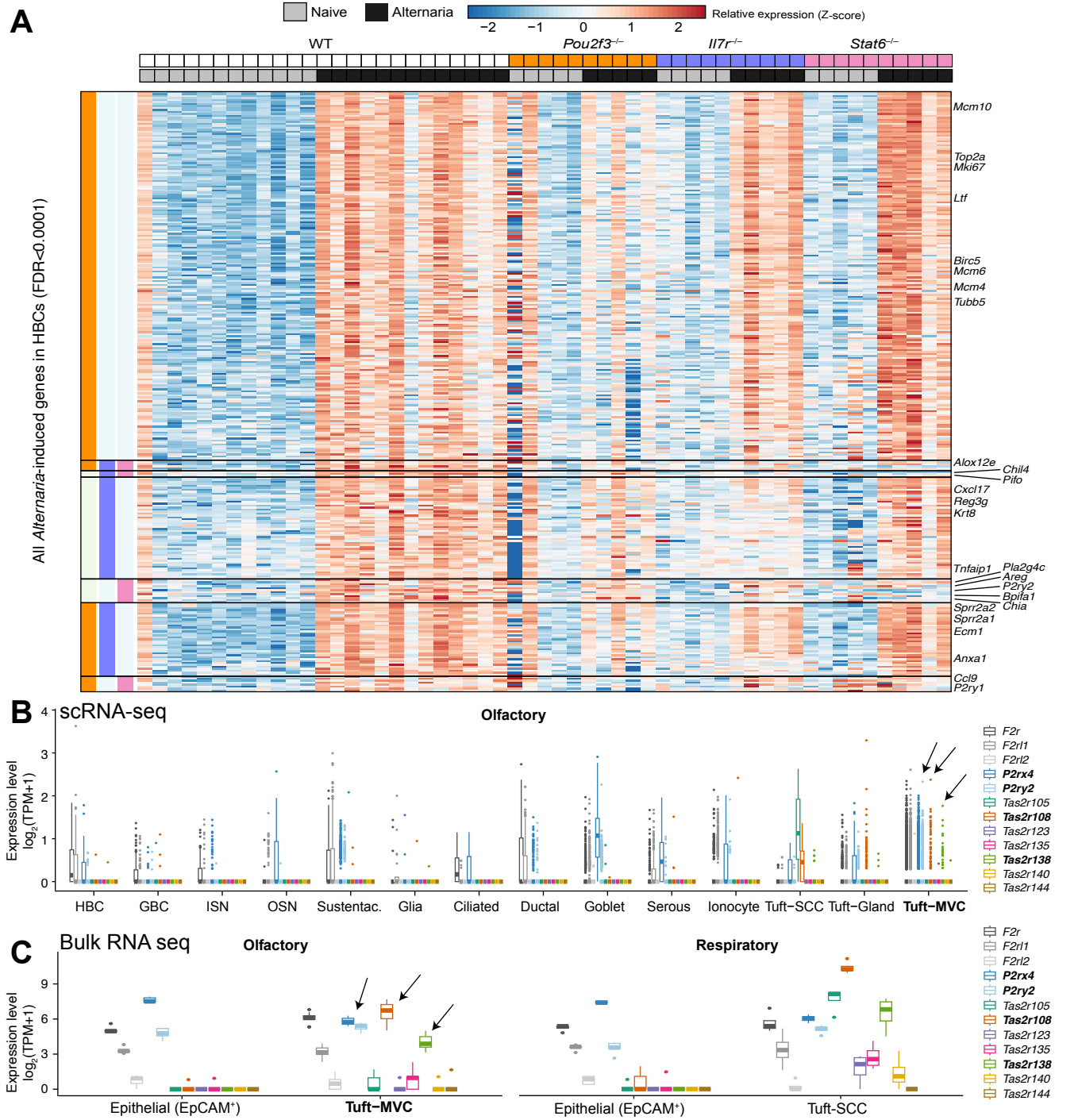
A
Naive
Alternaria
Relative expression (Z-score)
−2
−1
0
1
2
WT
Pou2f3−/−
Il7r−/−
Stat6−/−
All Alternaria-induced genes in HBCs (FDR<0.0001)
Mcm10
Top2a
Mki67
Ltf
Birc5
Mcm6
Mcm4
Tubb5
Alox12e
Chil4
Pifo
Cxcl17
Reg3g
Krt8
Tnfaip1
Pla2g4c
Areg
P2ry2
Bpifa1
Chia
Sprr2a2
Sprr2a1
Ecm1
Anxa1
Ccl9
P2ry1
B
scRNA-seq
Olfactory
Expression level
log2(TPM+1)
HBC
GBC
ISN
OSN
Sustentac.
Glia
Ciliated
Ductal
Goblet
Serous
Ionocyte
Tuft−SCC
Tuft−Gland
Tuft−MVC
F2r
F2rl1
F2rl2
P2rx4
P2ry2
Tas2r105
Tas2r108
Tas2r123
Tas2r135
Tas2r138
Tas2r140
Tas2r144
C
Bulk RNA seq
Olfactory
Respiratory
Expression level
log2(TPM+1)
Epithelial (EpCAM+)
Tuft−MVC
Epithelial (EpCAM+)
Tuft-SCC