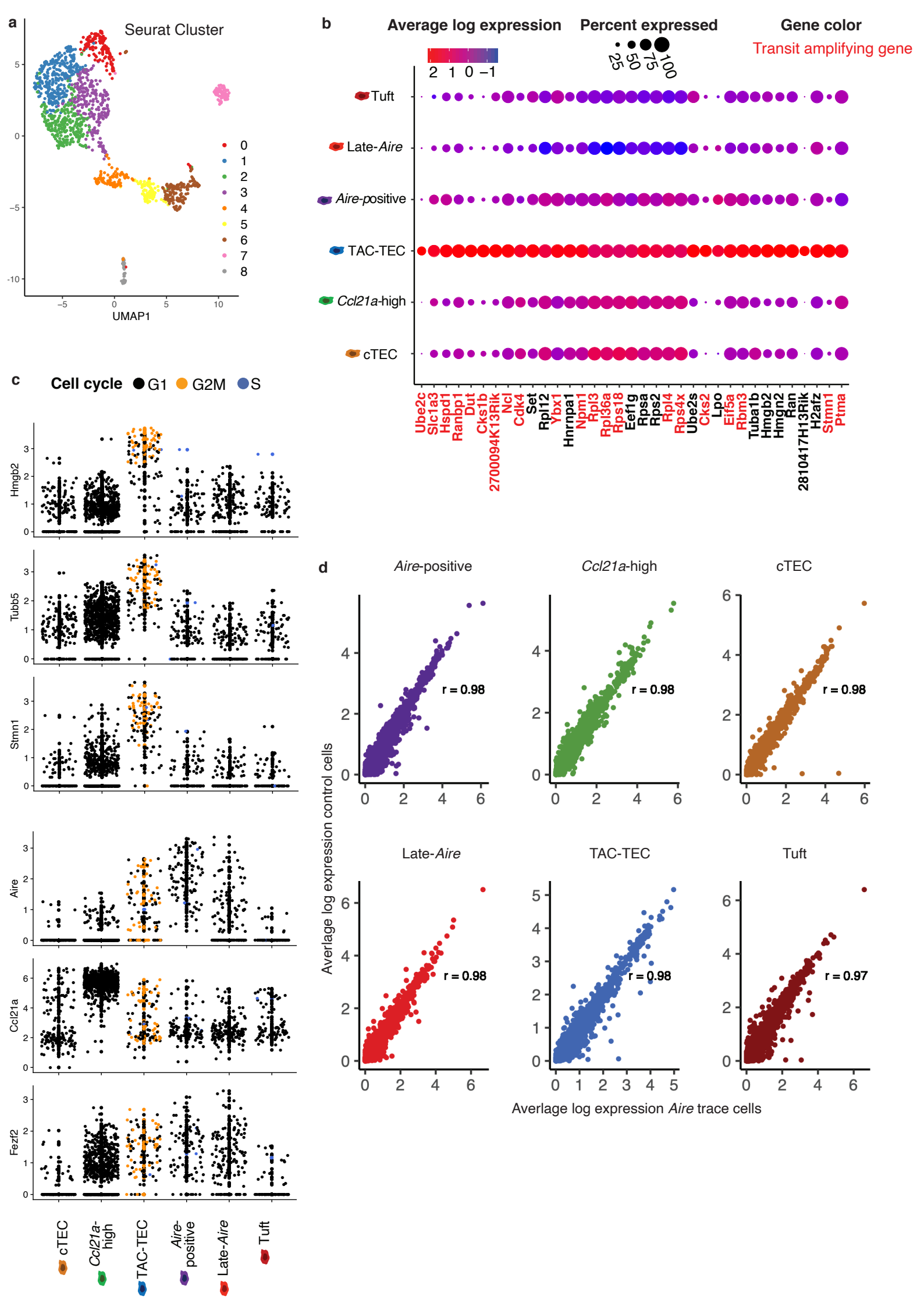
a
Seurat Cluster
UMAP1
0
1
2
3
4
5
6
7
8
b
Average log expression
Percent expressed
Gene color
Transit amplifying gene
Tuft
Late-Aire
Aire-positive
TAC-TEC
Ccl21a-high
cTEC
Ube2c
Slc1a3
Hspd1
Ranbp1
Dut
Cks1b
2700094K13Rik
Ncl
Cdk4
Set
Rpl12
Ybx1
Hnrnpa1
Npm1
Rpl3
Rpl36a
Rps18
Eef1g
Rpsa
Rps2
Rpl4
Rps4x
Ube2s
Cks2
Lpo
Eif5a
Rbm3
Tuba1b
Hmgb2
Hmgn2
Ran
2810417H13Rik
H2afz
Stmn1
Ptma
c
Cell cycle
G1
G2M
S
Hmgb2
Tubb5
Stmn1
Aire
Ccl21a
Fezf2
cTEC
Ccl21a-high
TAC-TEC
Aire-positive
Late-Aire
Tuft
d
Aire-positive
Ccl21a-high
cTEC
Late-Aire
TAC-TEC
Tuft
r = 0.98
r = 0.98
r = 0.98
r = 0.98
r = 0.98
r = 0.97
Averlage log expression control cells
Averlage log expression Aire trace cells