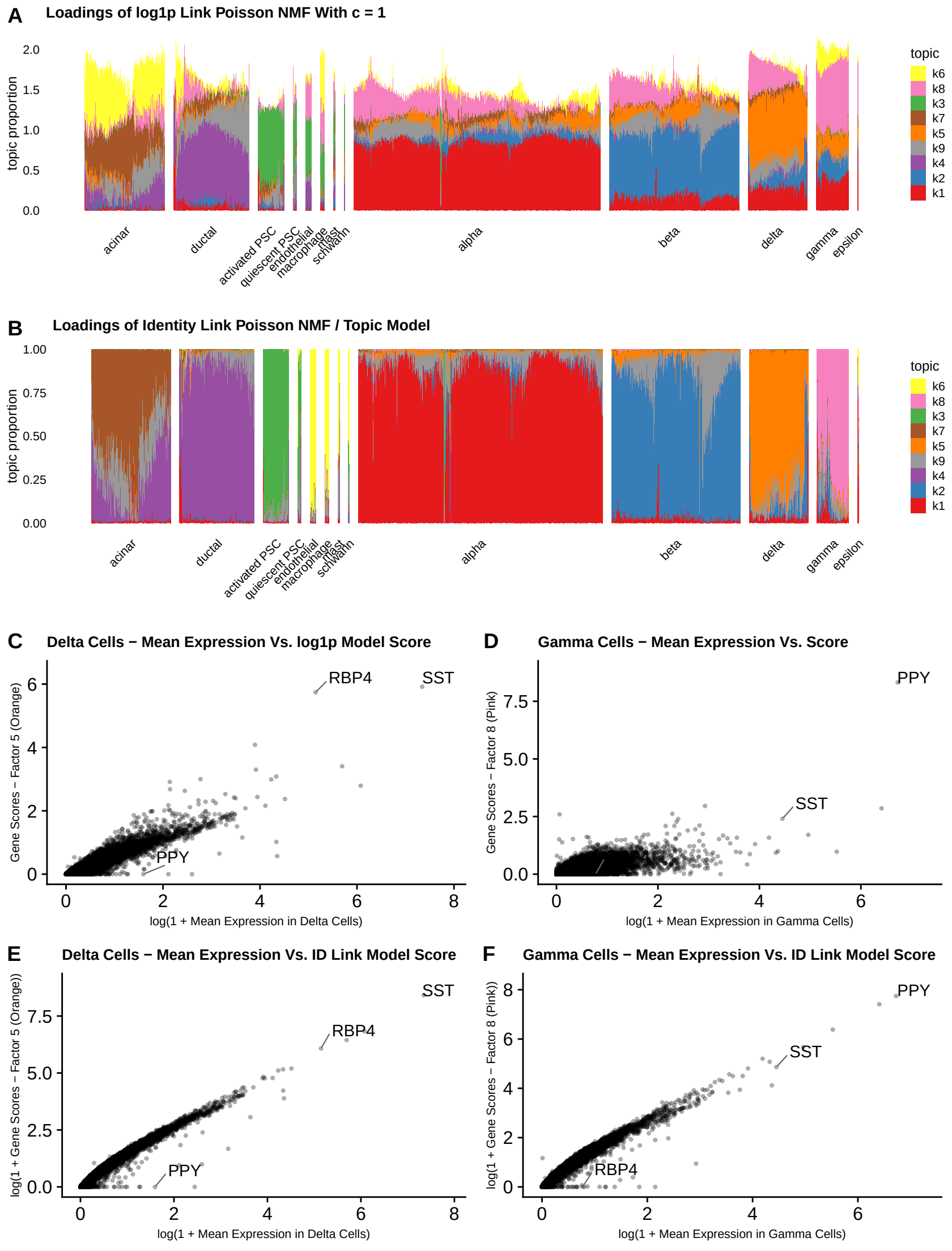
A
Loadings of log1p Link Poisson NMF With c = 1
topic proportion
2.0
1.5
1.0
0.5
0.0
topic
k6
k8
k3
k7
k5
k9
k4
k2
k1
acinar
ductal
activated PSC
quiescent PSC
endothelial
macrophage
mast
schwann
alpha
beta
delta
gamma
epsilon
B
Loadings of Identity Link Poisson NMF / Topic Model
topic proportion
1.00
0.75
0.50
0.25
0.00
topic
k6
k8
k3
k7
k5
k9
k4
k2
k1
acinar
ductal
activated PSC
quiescent PSC
endothelial
macrophage
mast
schwann
alpha
beta
delta
gamma
epsilon
C
Delta Cells − Mean Expression Vs. log1p Model Score
Gene Scores − Factor 5 (Orange)
RBP4
SST
PPY
log(1 + Mean Expression in Delta Cells)
D
Gamma Cells − Mean Expression Vs. Score
Gene Scores − Factor 8 (Pink)
PPY
SST
log(1 + Mean Expression in Gamma Cells)
E
Delta Cells − Mean Expression Vs. ID Link Model Score
log(1 + Gene Scores − Factor 5 (Orange))
SST
RBP4
PPY
log(1 + Mean Expression in Delta Cells)
F
Gamma Cells − Mean Expression Vs. ID Link Model Score
log(1 + Gene Scores − Factor 8 (Pink))
PPY
SST
RBP4
log(1 + Mean Expression in Gamma Cells)