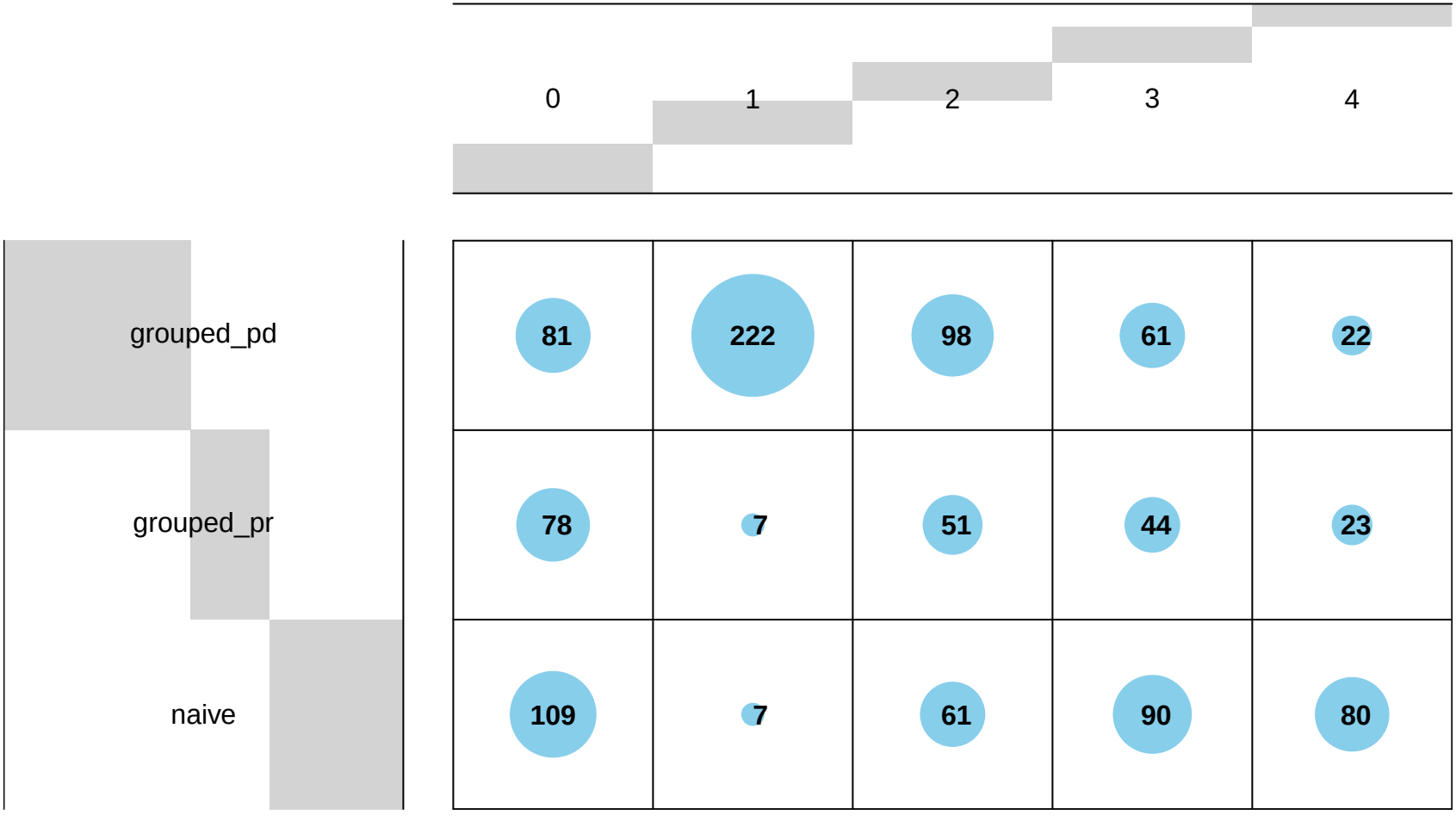
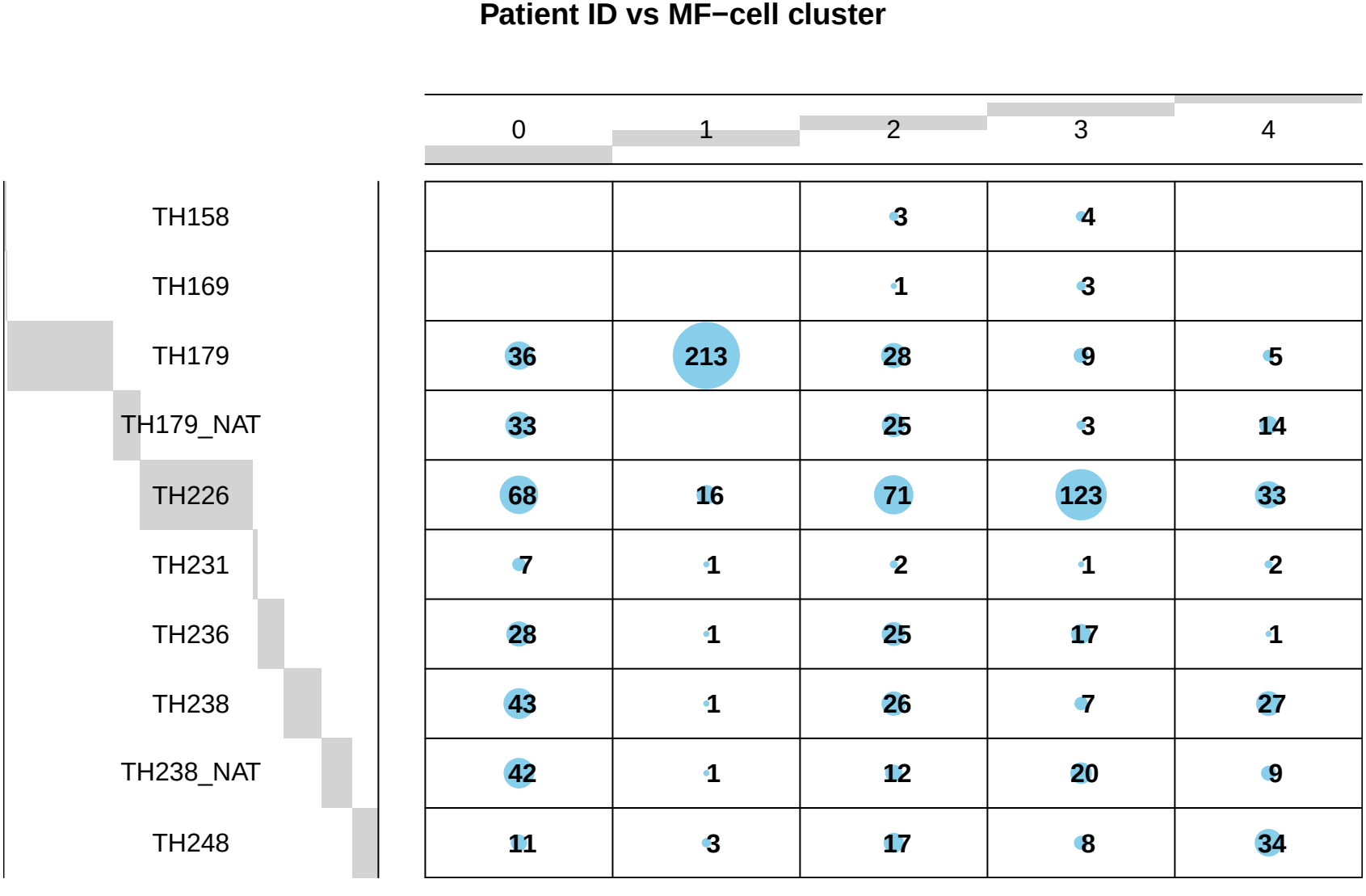
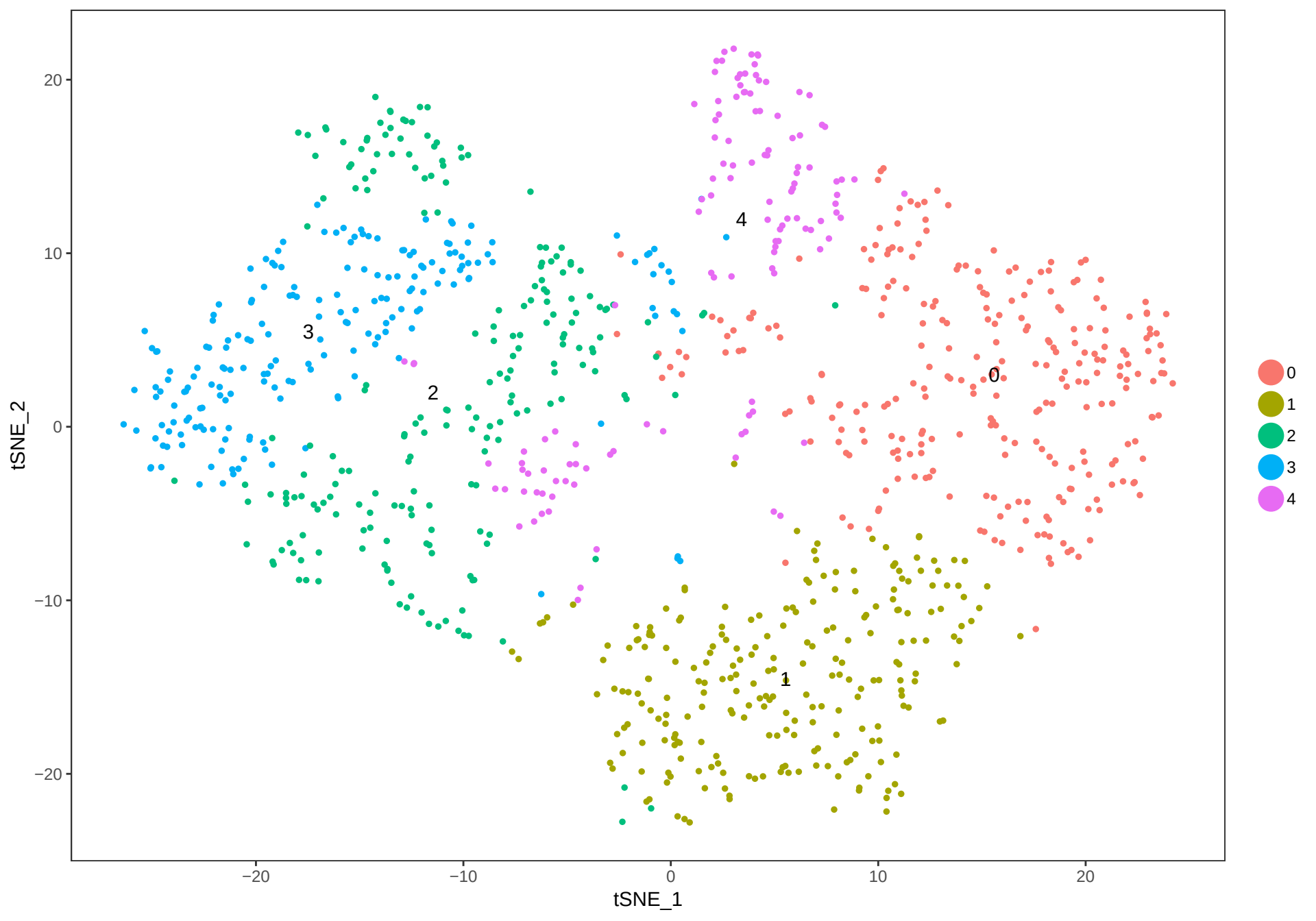
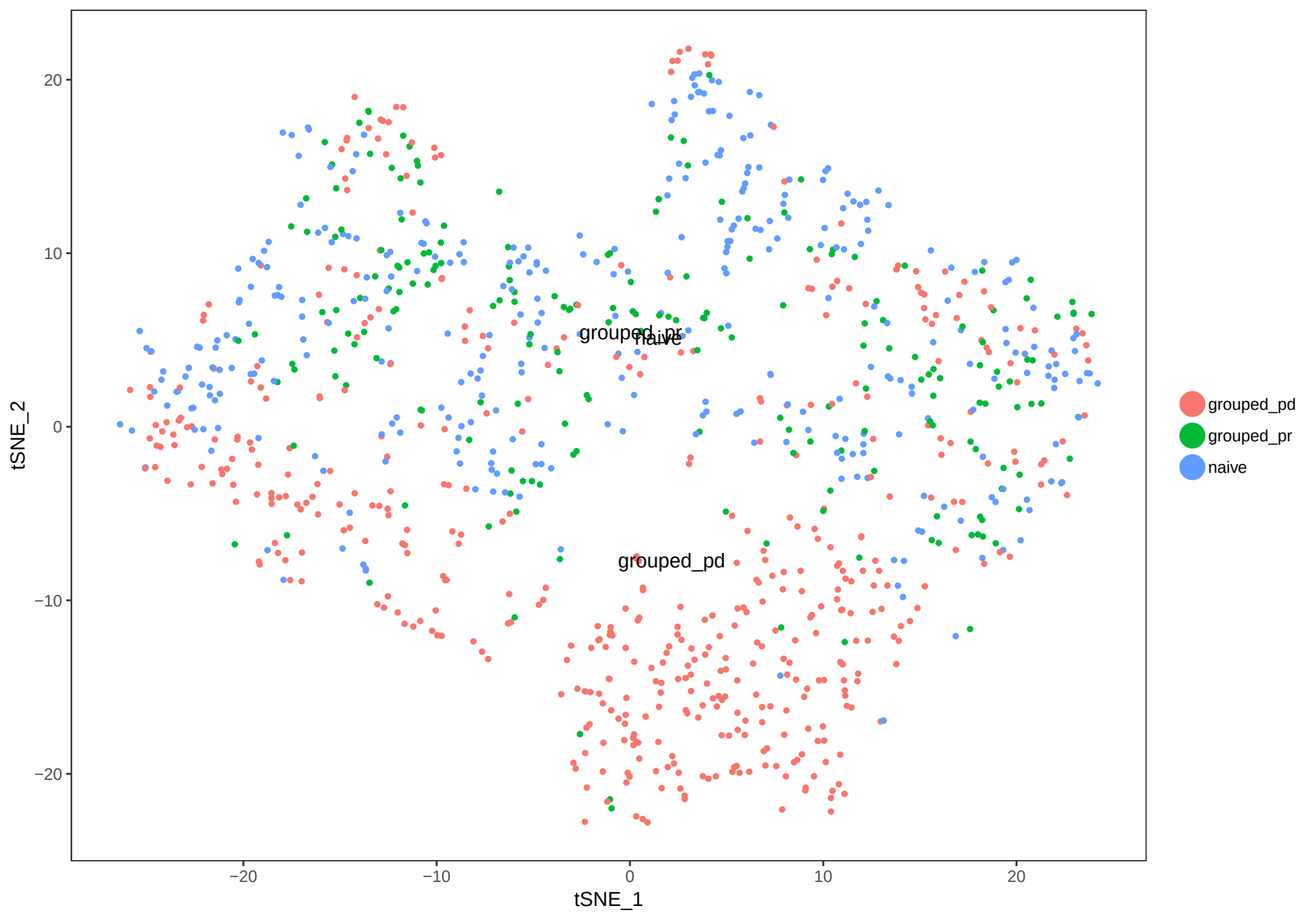
MF−cell subcluster vs Response group

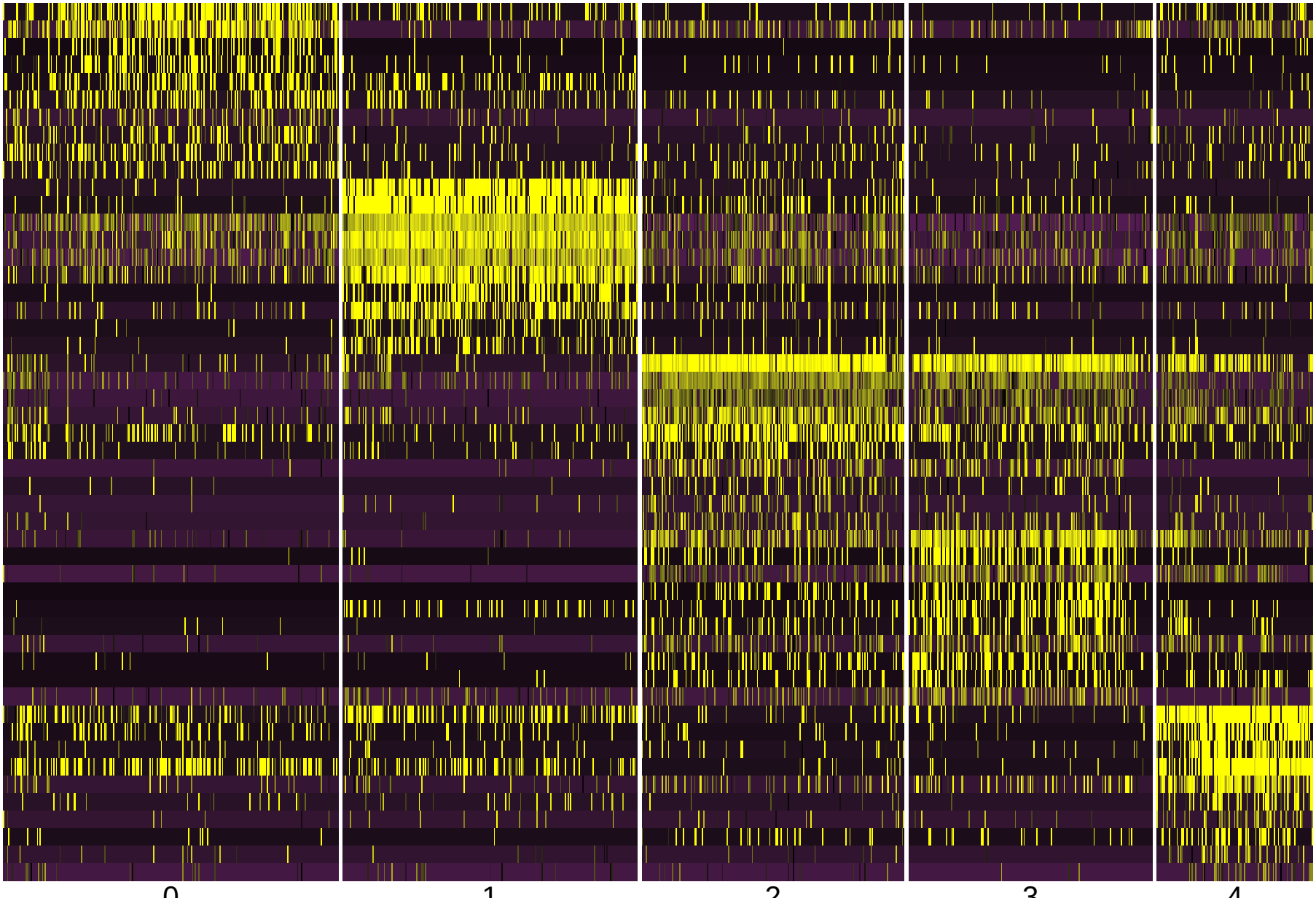



Patient ID vs MF−cell cluster
0
1
2
3
4
TH158
TH169
TH179
TH179_NAT
TH226
TH231
TH236
TH238
TH238_NAT
TH248
3
4
1
3
36
213
28
9
5
33
25
3
14
68
16
71
123
33
7
1
2
1
2
28
1
25
17
1
43
1
26
7
27
42
1
12
20
9
11
3
17
8
34

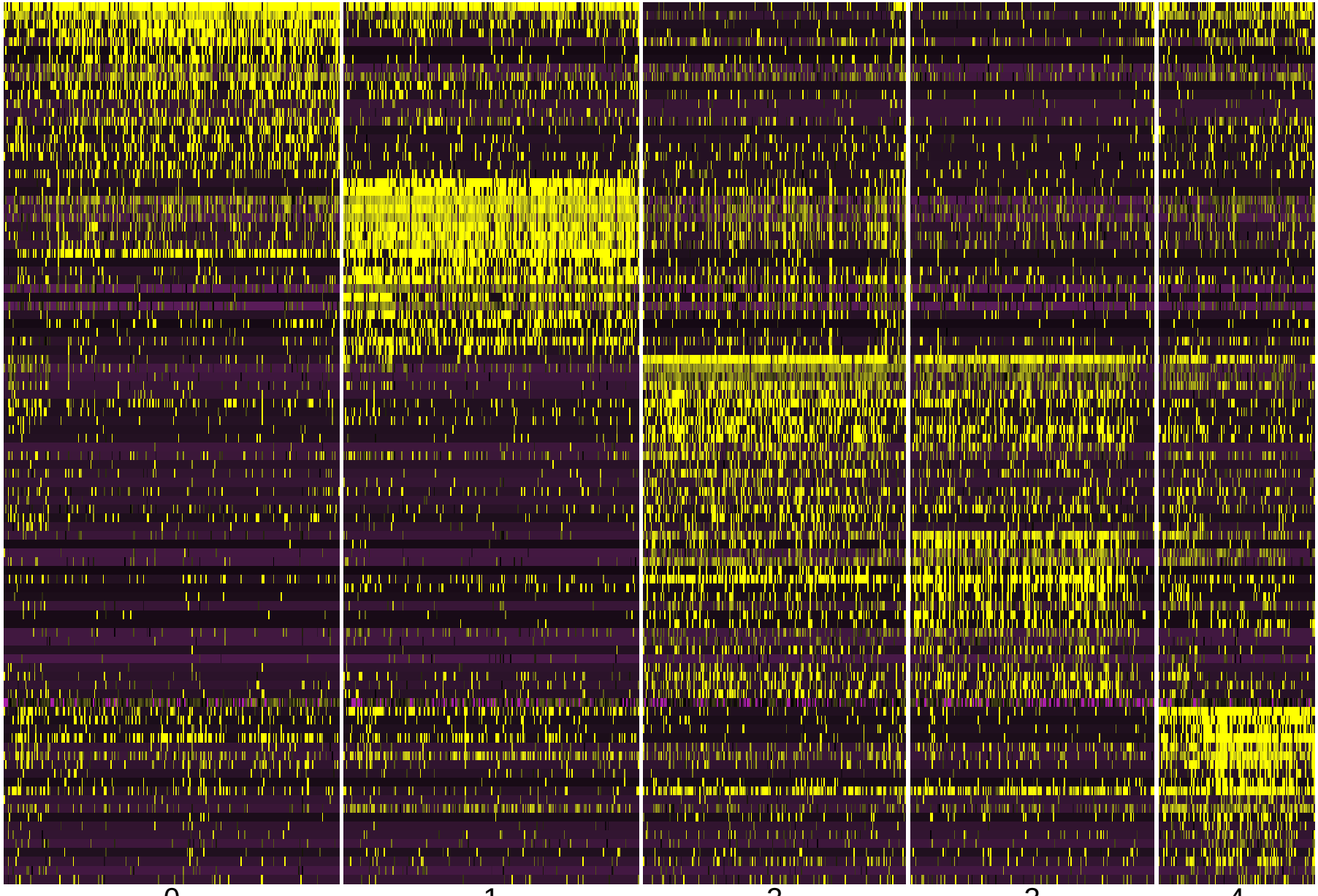

20
10
0
−10
−20
tSNE_2
−20
−10
0
10
20
tSNE_1
0
1
2
3
4
0
1
2
3
4


20
10
0
−10
−20
tSNE_2
−20
−10
0
10
20
tSNE_1
grouped_pr
naive
grouped_pd
grouped_pd
grouped_pr
naive

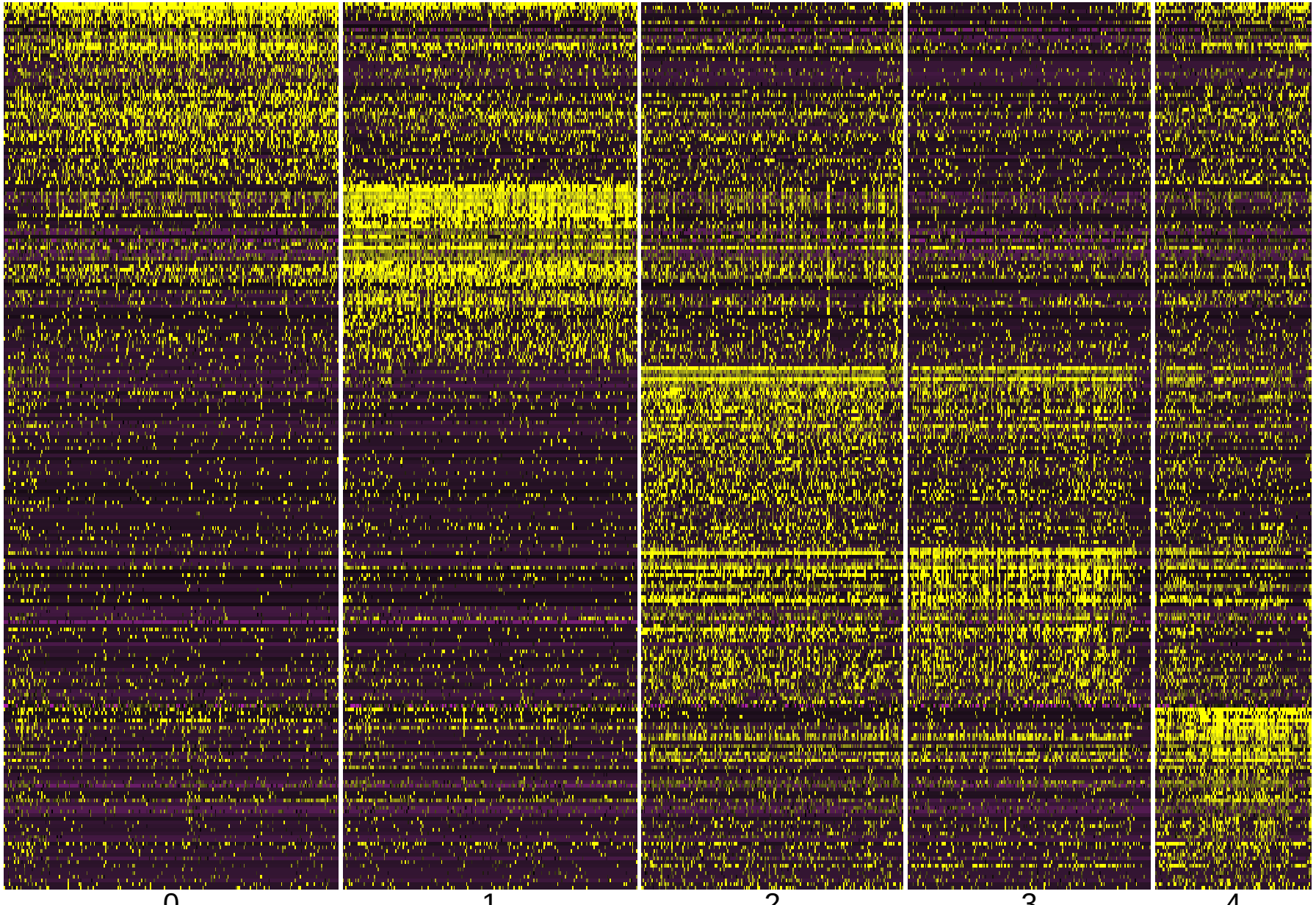
Top 10 DE genes

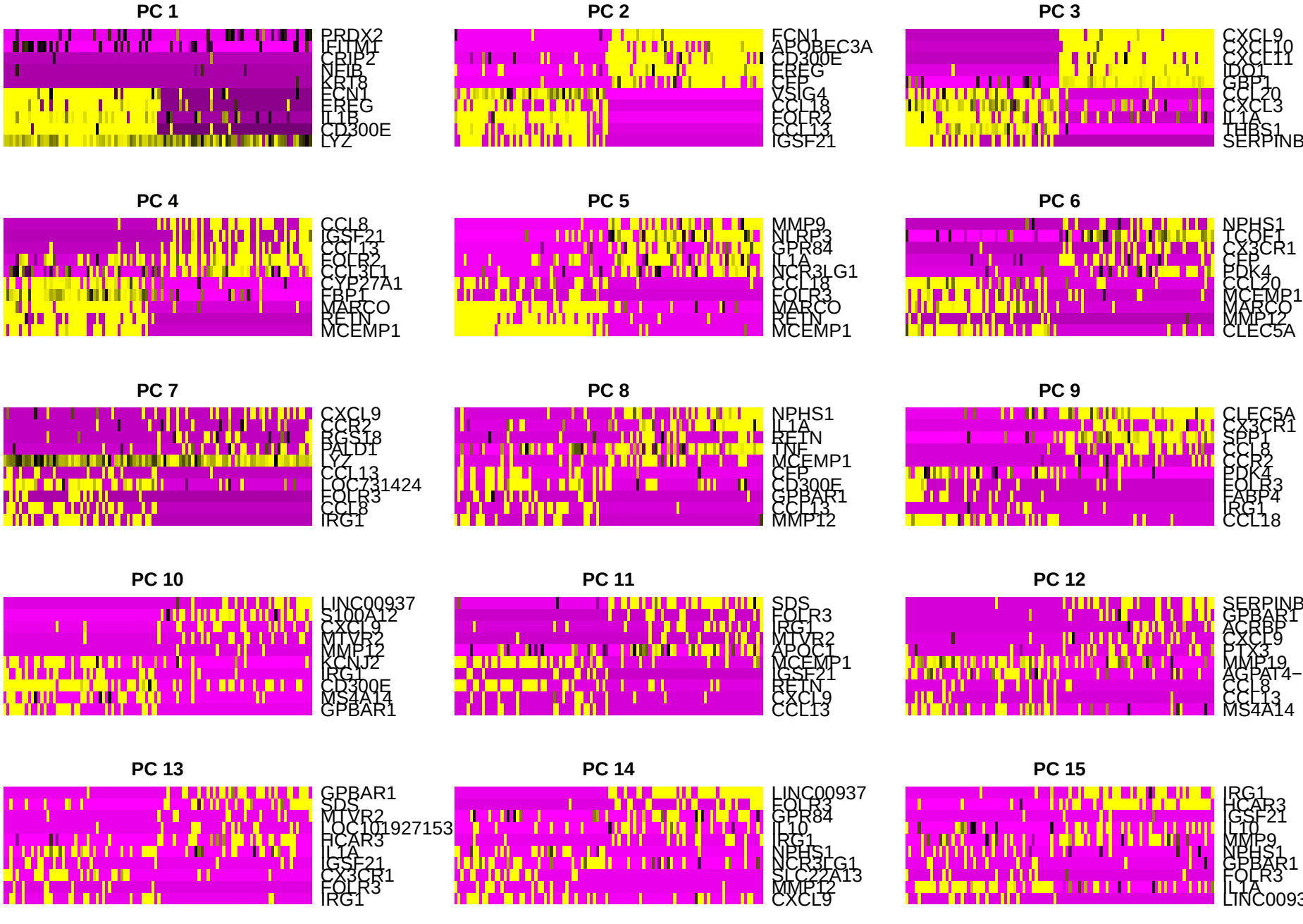


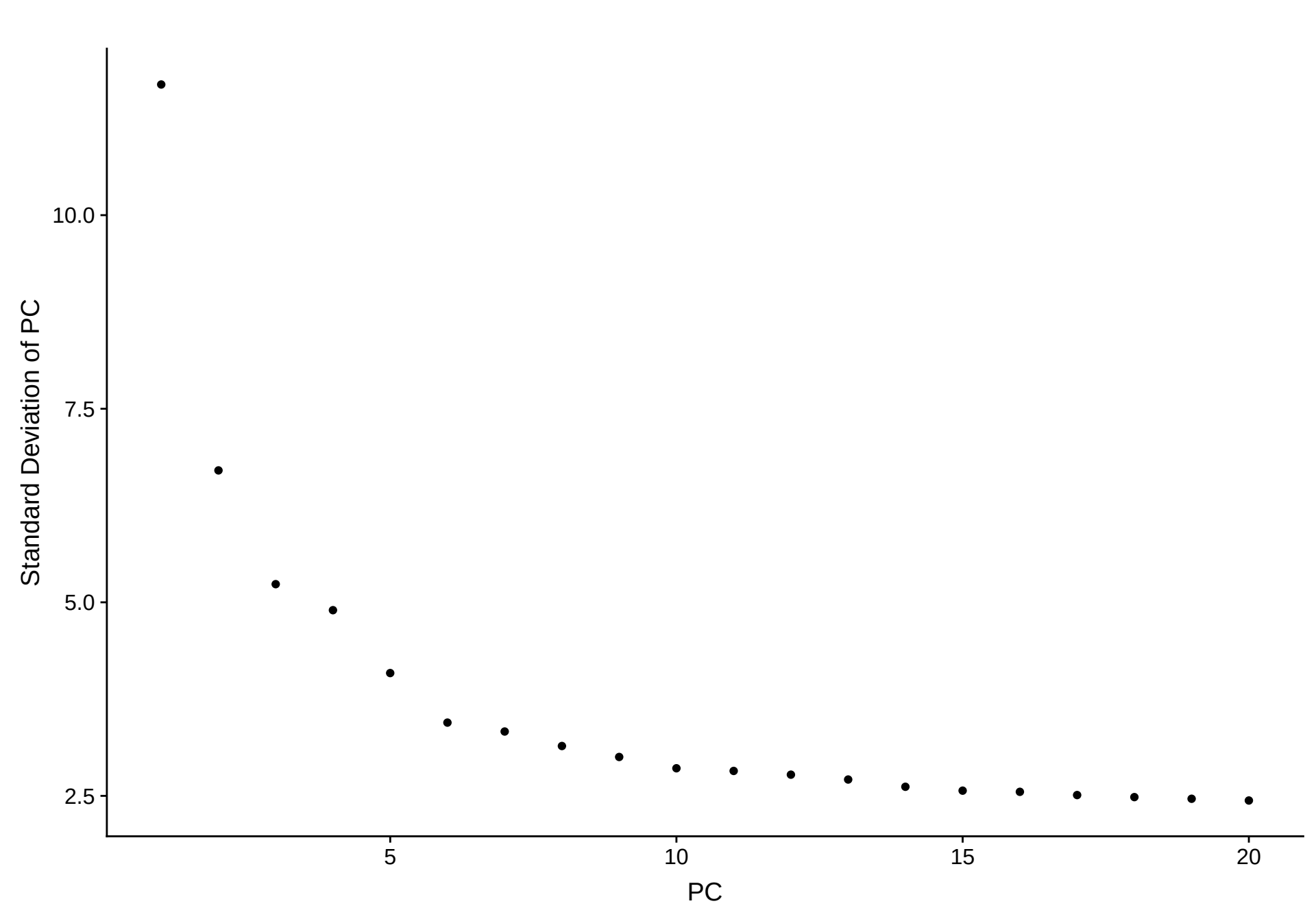
Top 20 DE genes

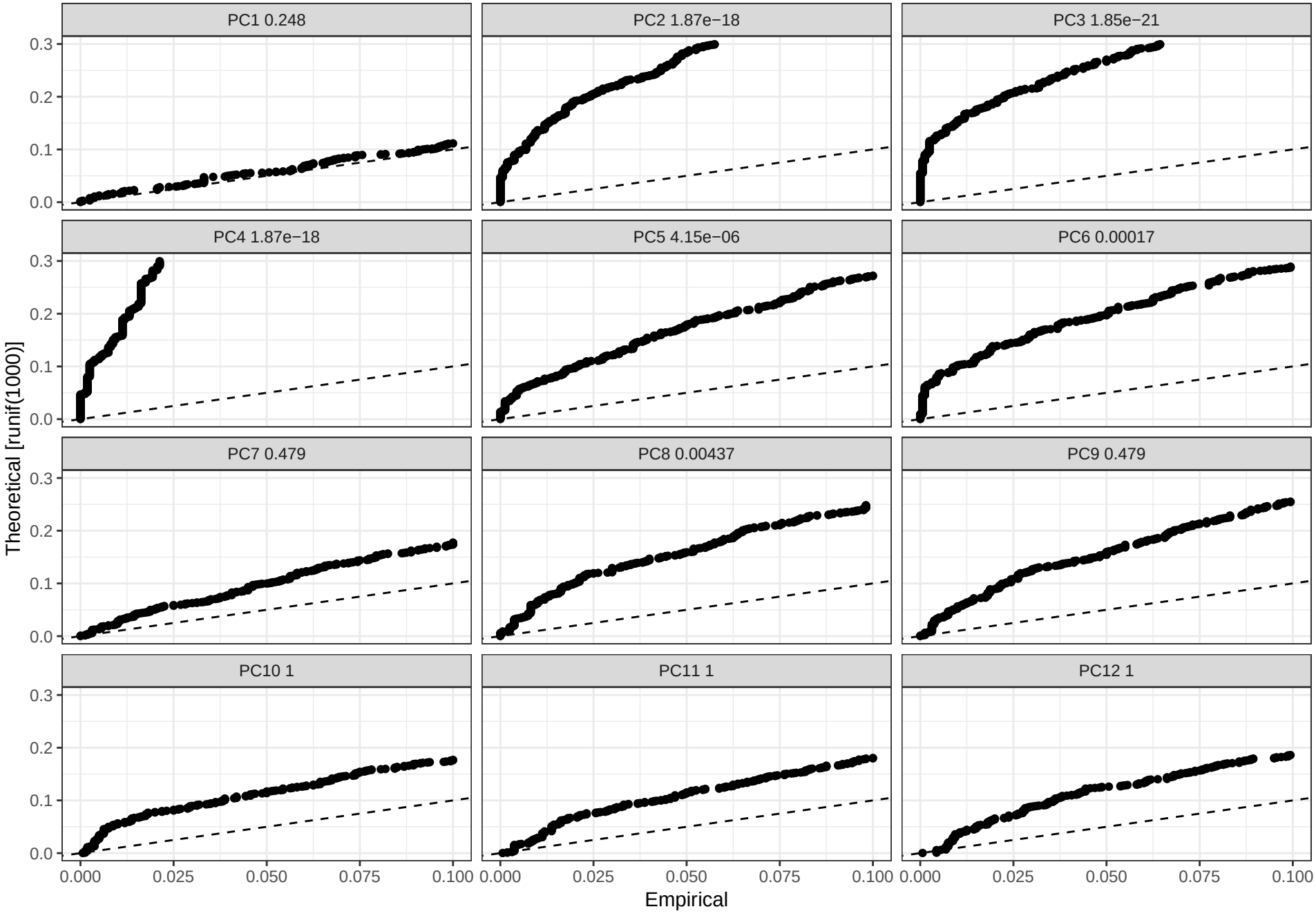


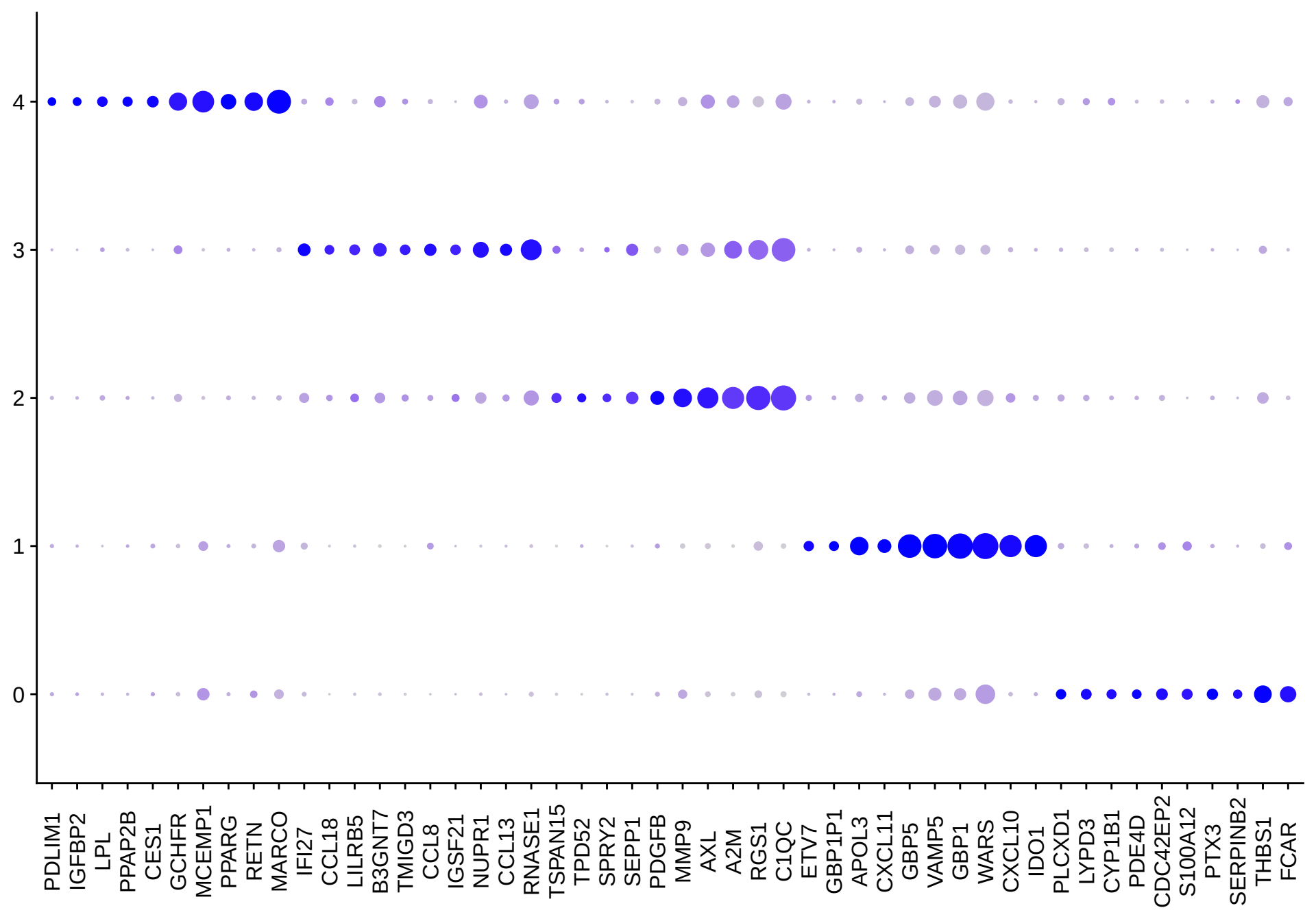
Top 50 DE genes




PC 1
PRDX2
IFITM1
CRIP2
NFIB
KRT8
ECN1
EREG
IL1B
CD300E
LYZ
PC 2
FCN1
APOBEC3A
CD300E
EREG
CFP
VSIG4
CCL18
FOLR2
CCL13
IGSF21
PC 3
CXCL9
CXCL10
CXCL11
IDO1
GBP1
CCL20
CXCL3
IL1A
THBS1
SERPINB
PC 4
CCL8
IGSF21
CCL13
FOLR2
CCL3L1
CYP27A1
FABP4
MARCO
RETN
MCEMP1
PC 5
MMP9
NLRP3
GPR84
IL1A
NCR3LG1
CCL18
FOLR3
MARCO
RETN
MCEMP1
PC 6
NPHS1
TCOF1
CX3CR1
CFP
PDK4
CCL20
MCEMP1
MARCO
MMP12
CLEC5A
PC 7
CXCL9
CCR2
BCS1B
PALD1
LYZ
CCL13
LOC731424
FOLR3
CCL8
IRG1
PC 8
NPHS1
IL1A
RETN
TNF
MCEMP1
CFP
CD300E
GPBAR1
CCL13
MMP12
PC 9
CLEC5A
CX3CR1
SPP1
CCL8
CCR2
PDK4
FOLR3
FABP4
IRG1
CCL18
PC 10
LINC00937
S100A12
CXCL9
MTVR2
MMP12
KCNJ2
IRG1
CD300E
MS4A14
GPBAR1
PC 11
SDS
FOLR3
IRG1
MTVR2
APOC1
MCEMP1
IGSF21
RETN
CXCL9
CCL13
PC 12
SERPINB
GPBAR1
ACRBP
CXCL9
PTX3
MMP19
AGPAT4-
CCL8
CCL13
MS4A14
PC 13
GPBAR1
SDS
MTVR2
LOC101927153
HCAR3
IL1A
IGSF21
CX3CR1
FOLR3
IRG1
PC 14
LINC00937
FOLR3
GPR84
IL10
IRG1
NPHS1
NCR3LG1
SLC22A13
MMP12
CXCL9
PC 15
IRG1
HCAR3
IGSF21
IL10
MMP9
NPHS1
GPBAR1
FOLR3
IL1A
LINC0093


Standard Deviation of PC
10.0
7.5
5.0
2.5
5
10
15
20
PC


PC1 0.248
PC2 1.87e−18
PC3 1.85e−21
PC4 1.87e−18
PC5 4.15e−06
PC6 0.00017
PC7 0.479
PC8 0.00437
PC9 0.479
PC10 1
PC11 1
PC12 1
Theoretical [runif(1000)]
Empirical
0.0
0.1
0.2
0.3
0.000
0.025
0.050
0.075
0.100


4
3
2
1
0
PDLIM1
IGFBP2
LPL
PPAP2B
CES1
GCHFR
MCEMP1
PPARG
RETN
MARCO
IFI27
CCL18
LILRB5
B3GNT7
TMIGD3
CCL8
IGSF21
NUPR1
CCL13
RNASE1
TSPAN15
TPD52
SPRY2
SEPP1
PDGFB
MMP9
AXL
A2M
RGS1
C1QC
ETV7
GBP1P1
APOL3
CXCL11
GBP5
VAMP5
GBP1
WARS
CXCL10
IDO1
PLCXD1
LYPD3
CYP1B1
PDE4D
CDC42EP2
S100A12
PTX3
SERPINB2
THBS1
FCAR