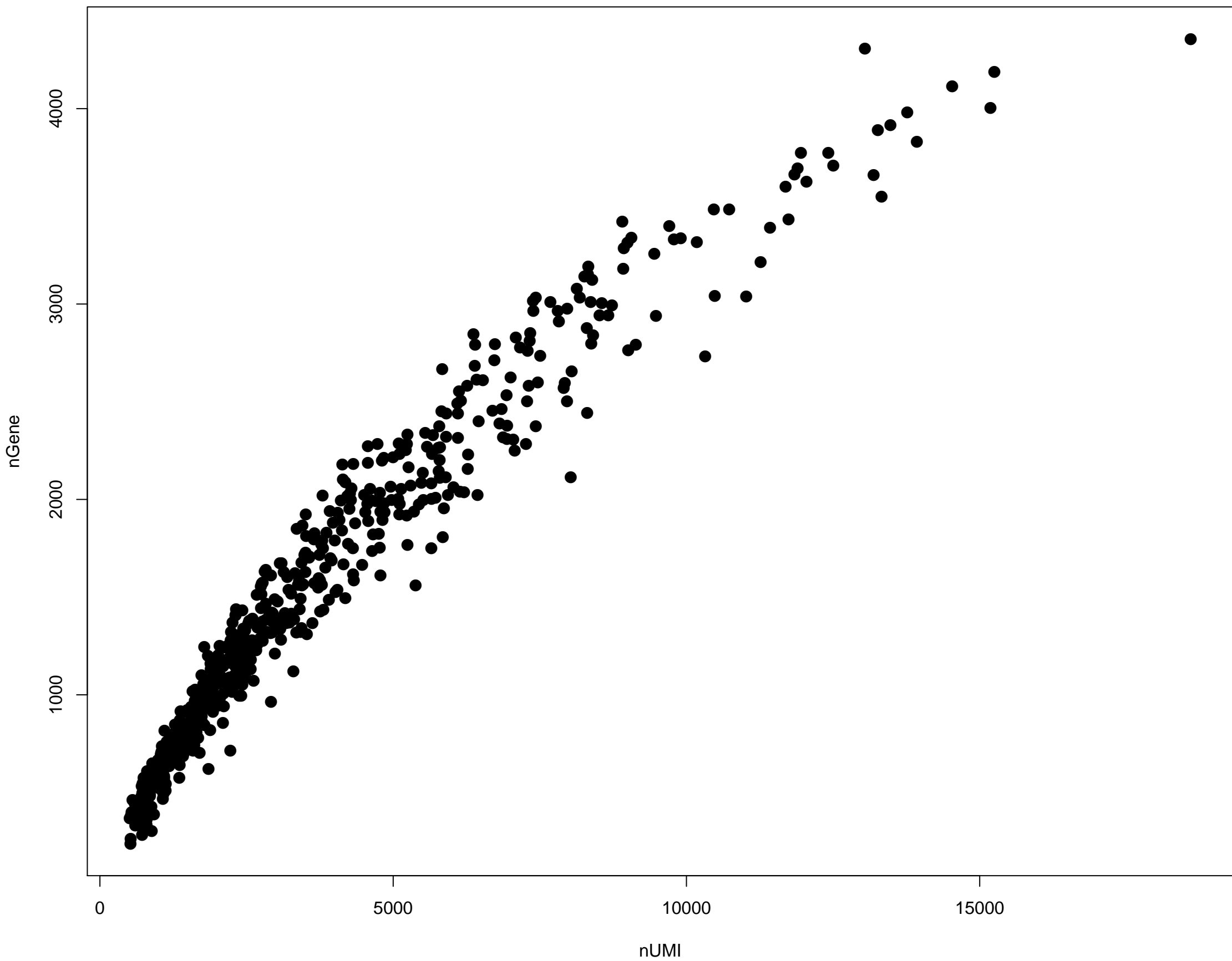
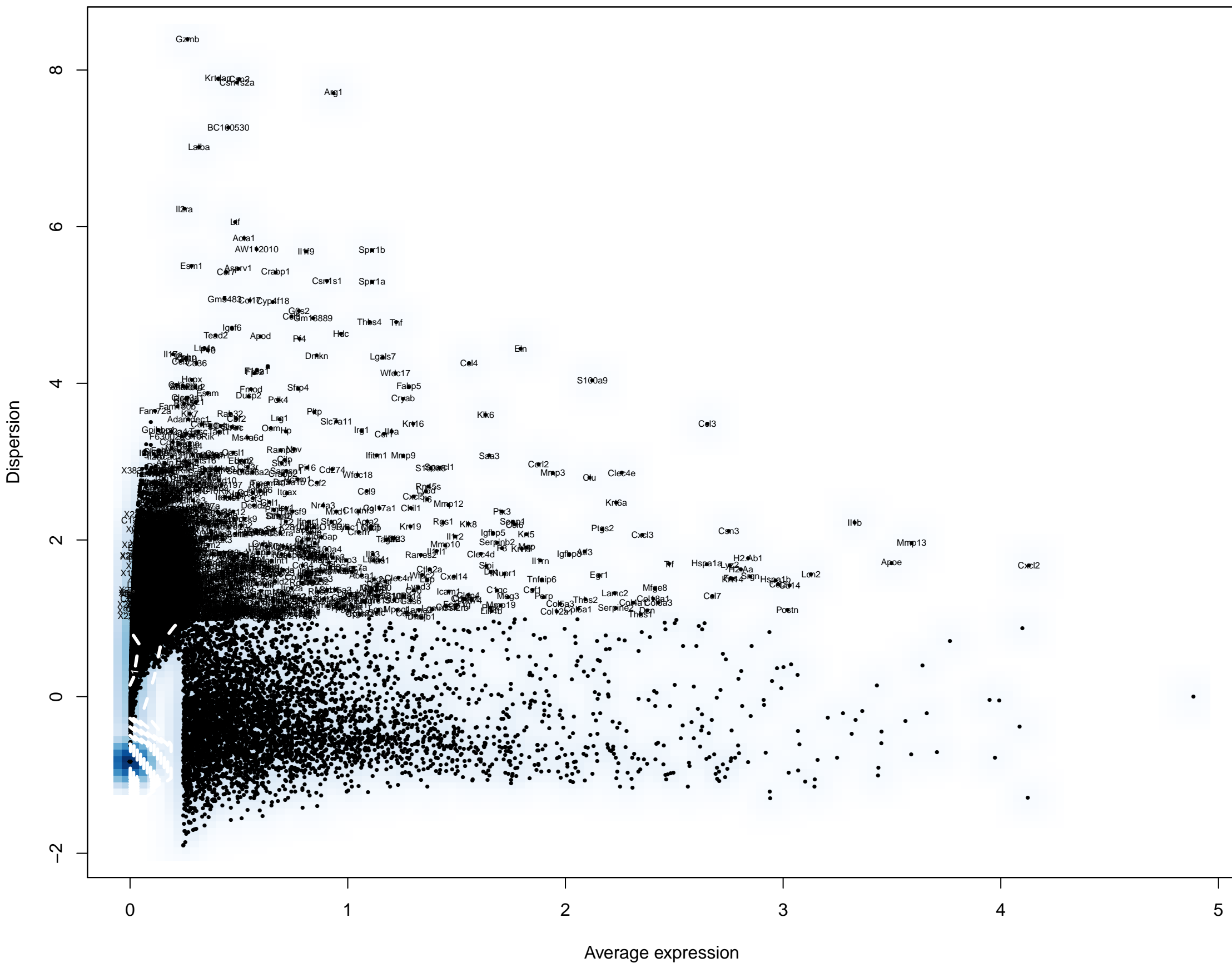
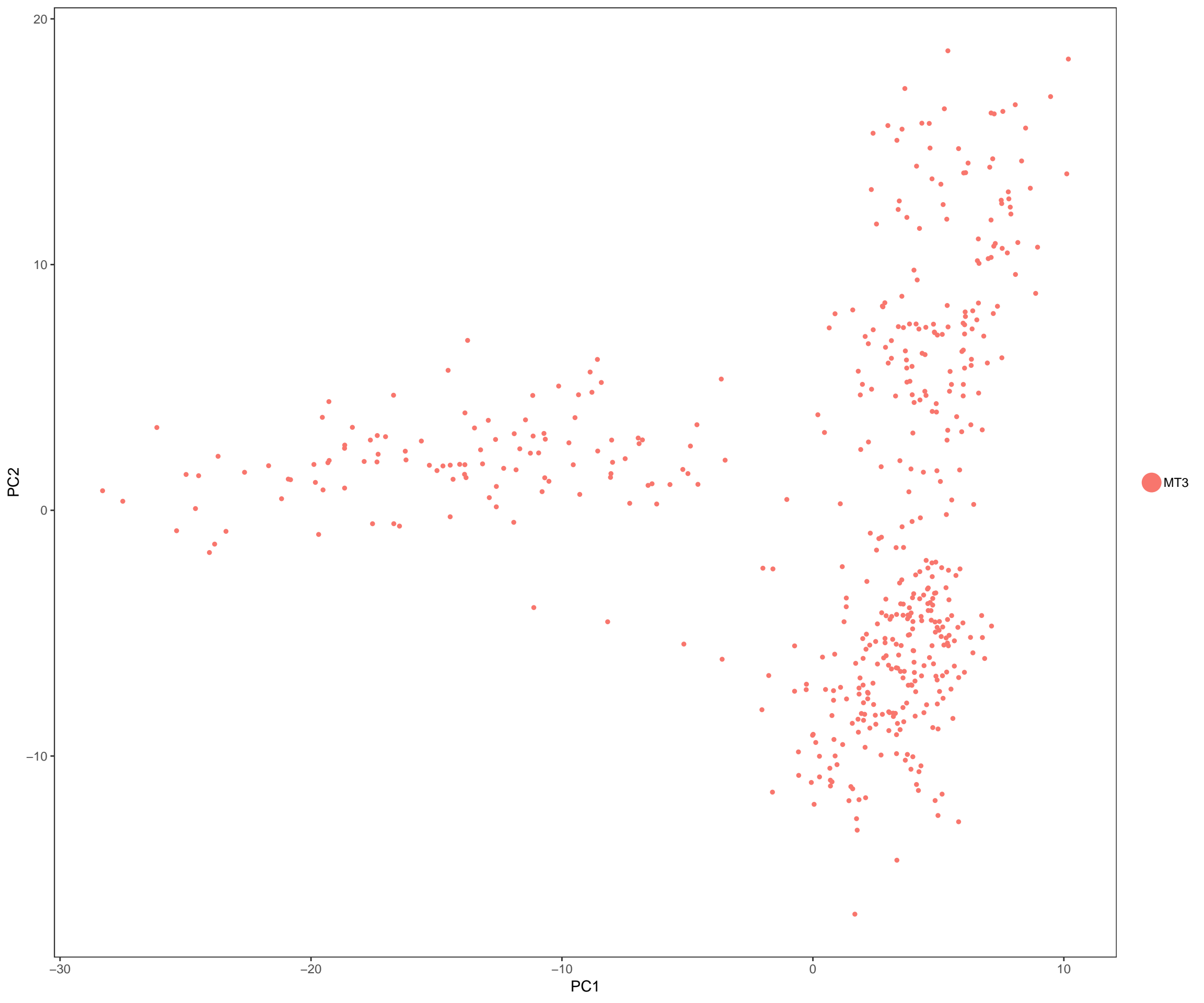
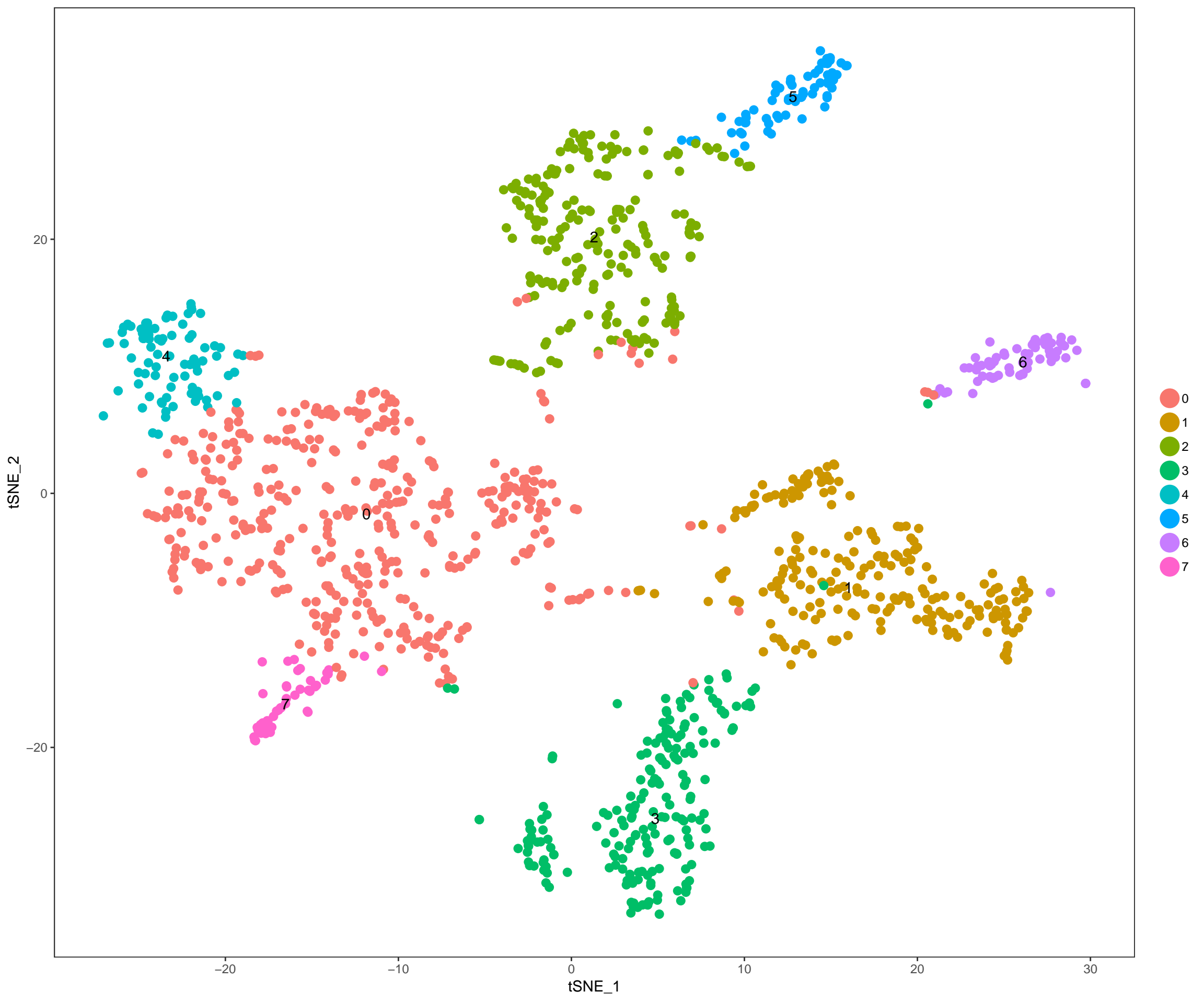


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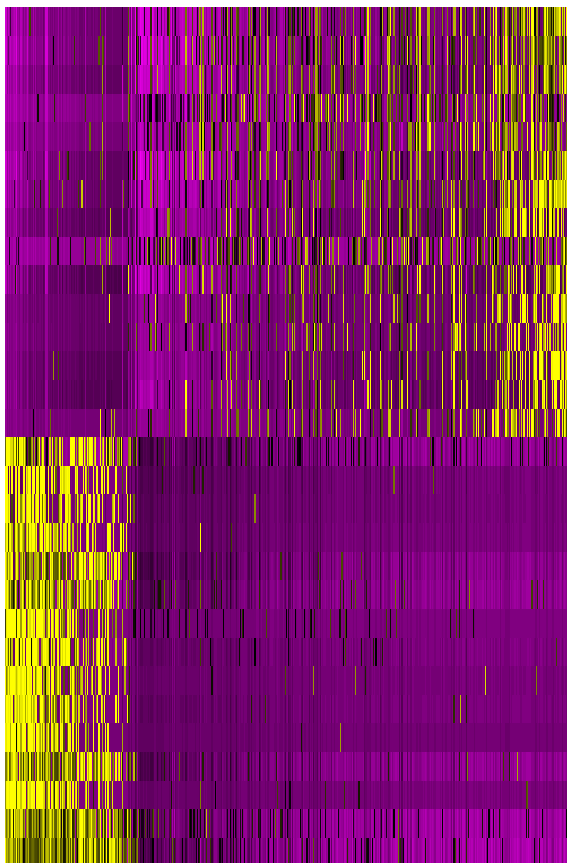








PC 1



PC 2



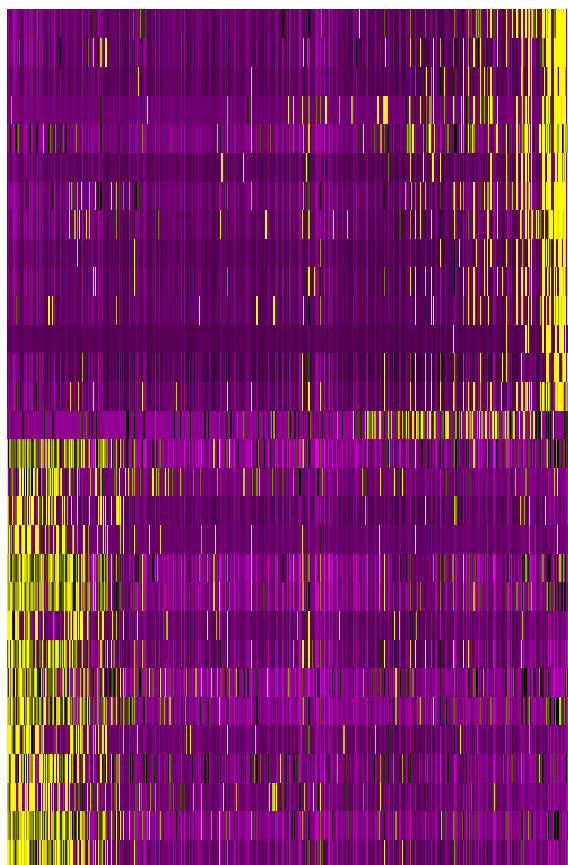
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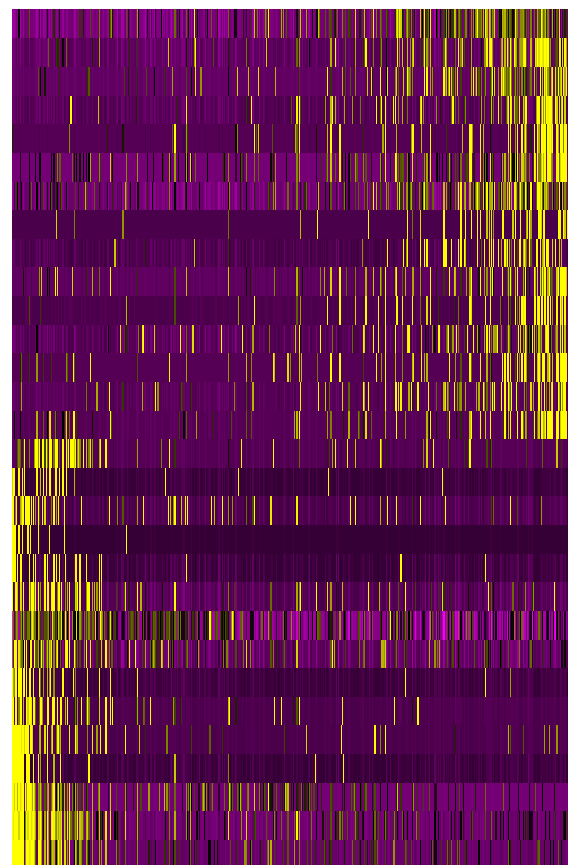
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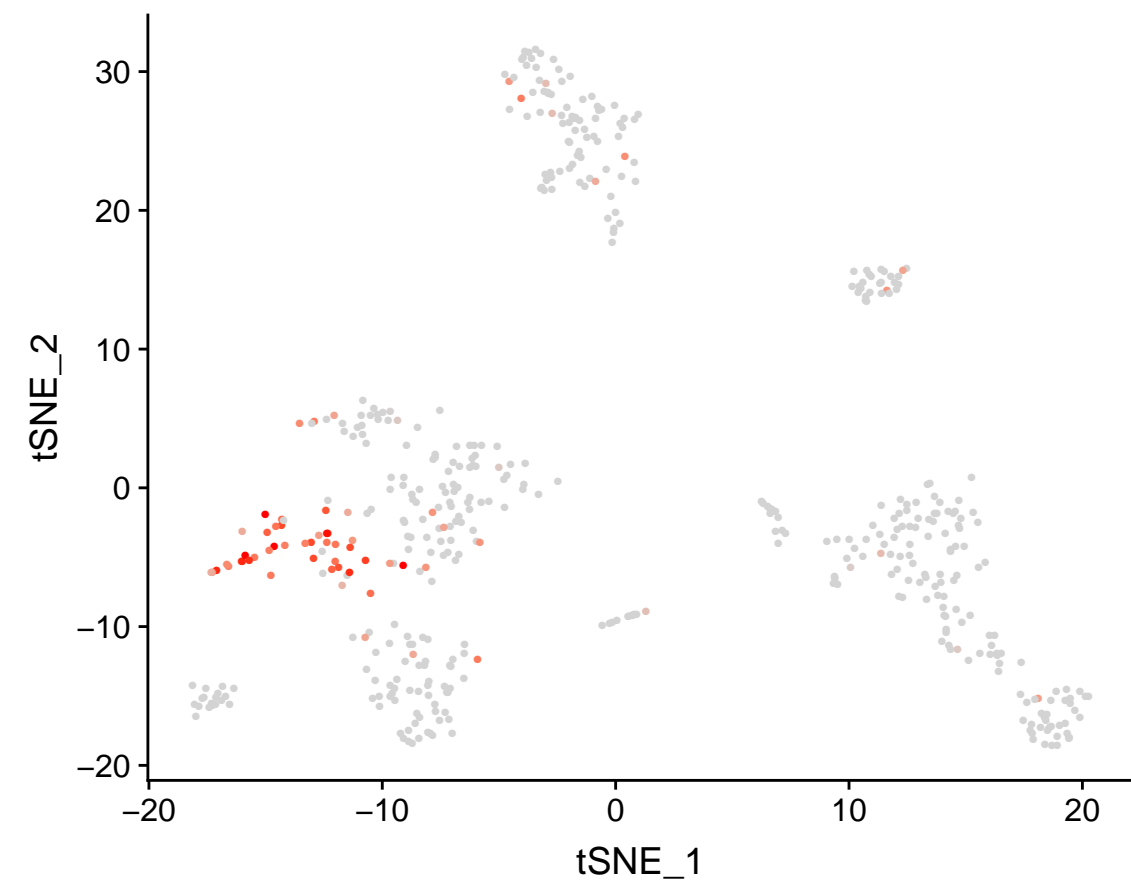
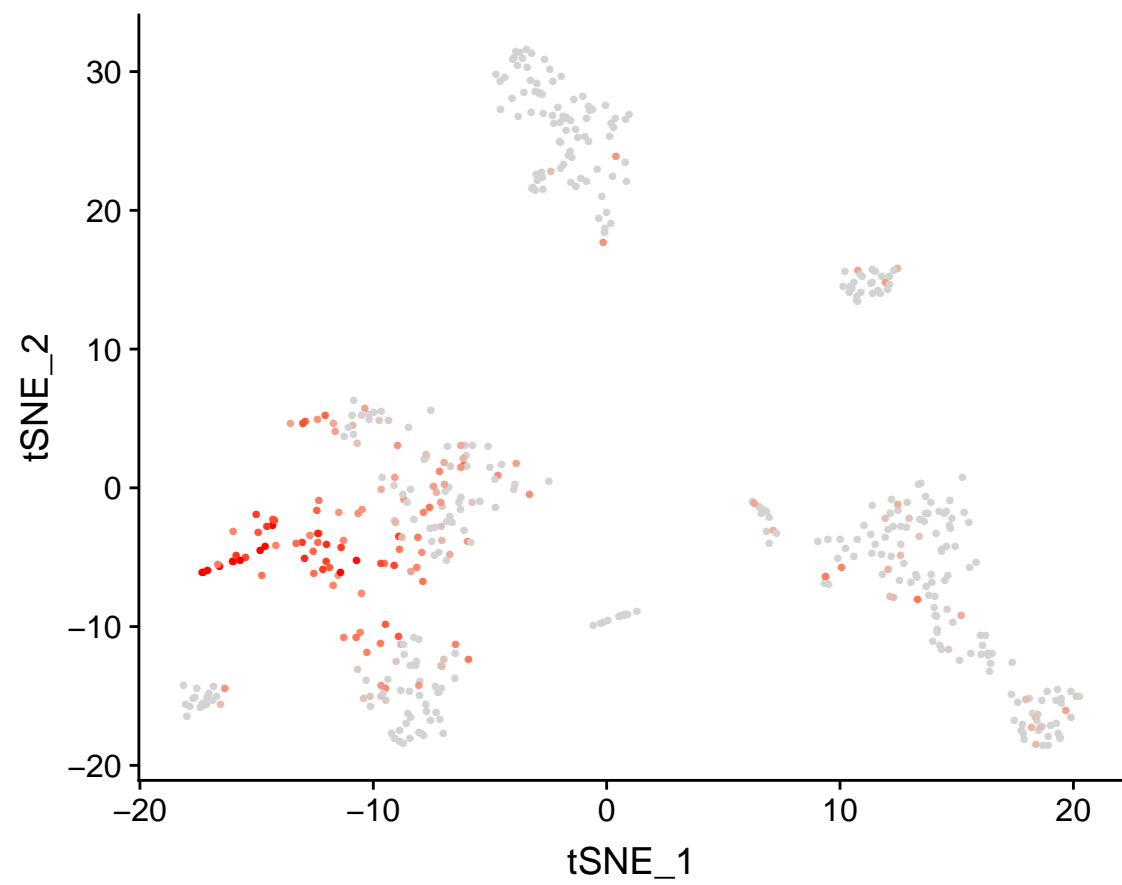
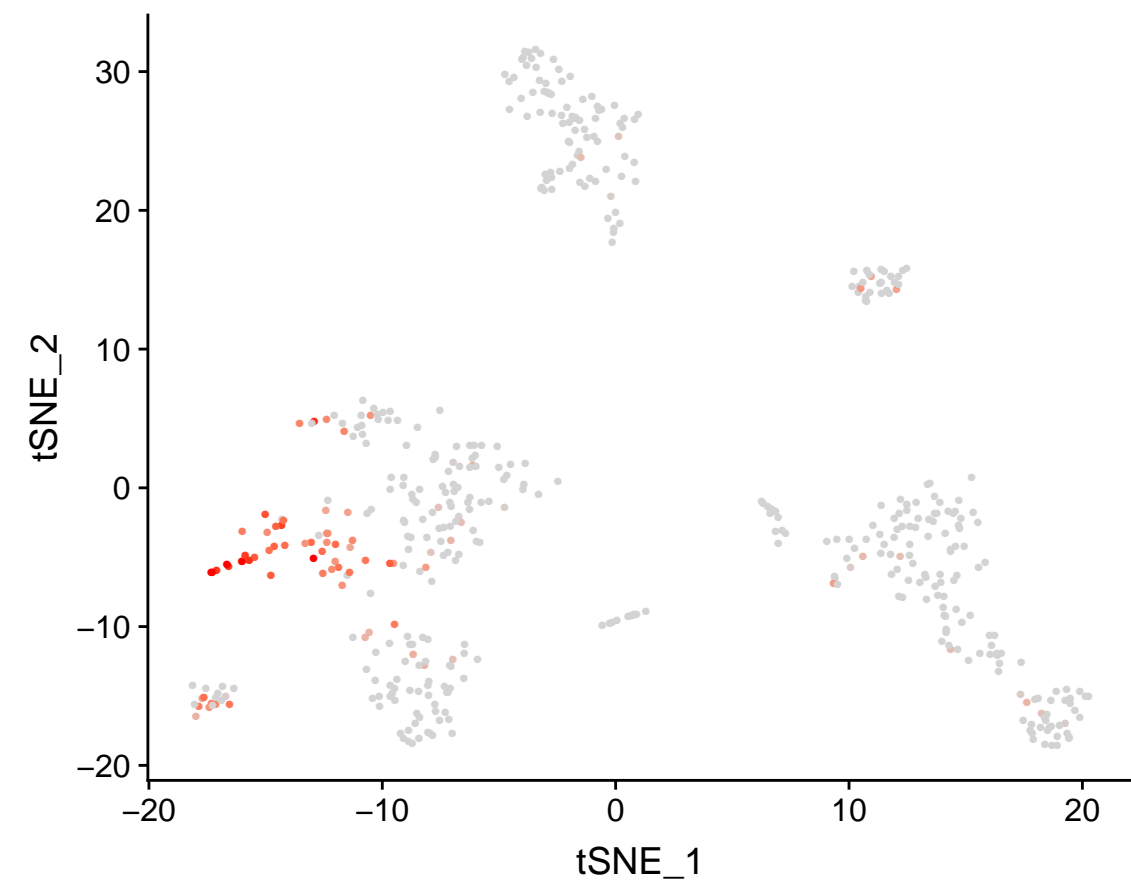


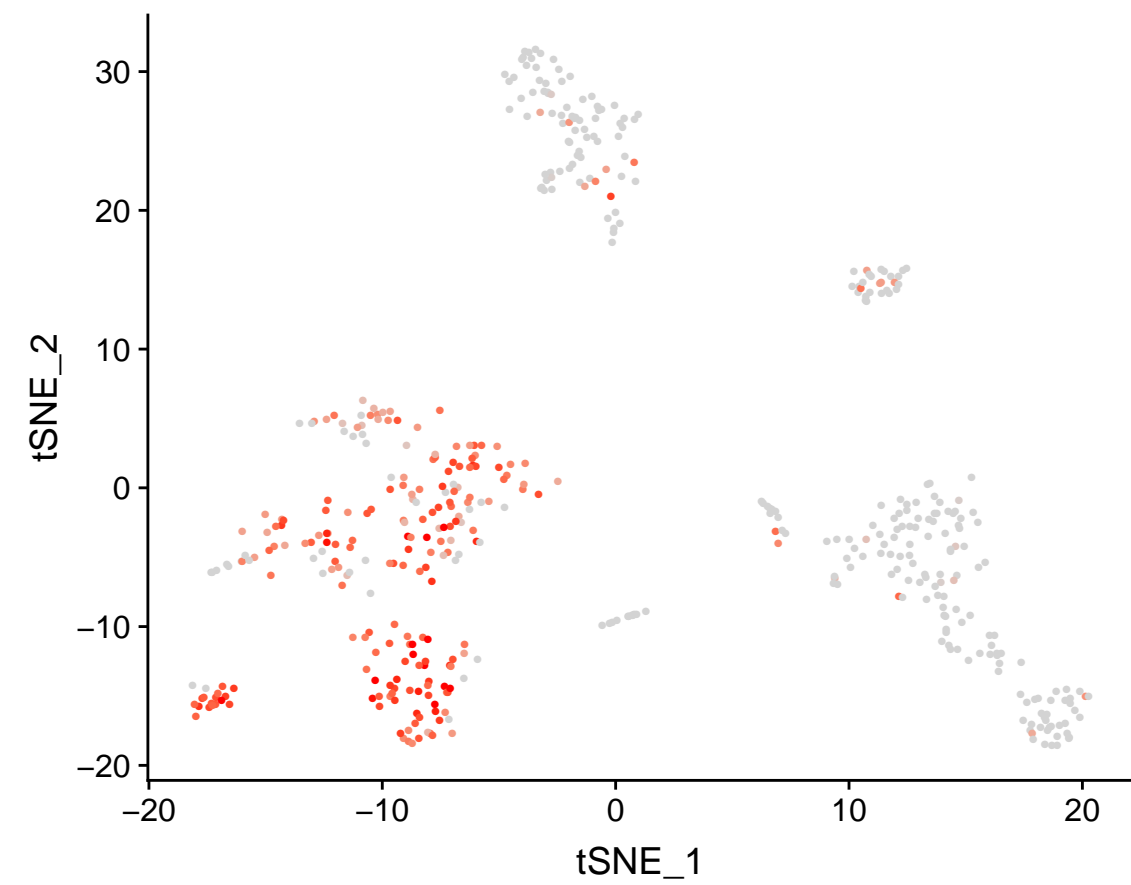
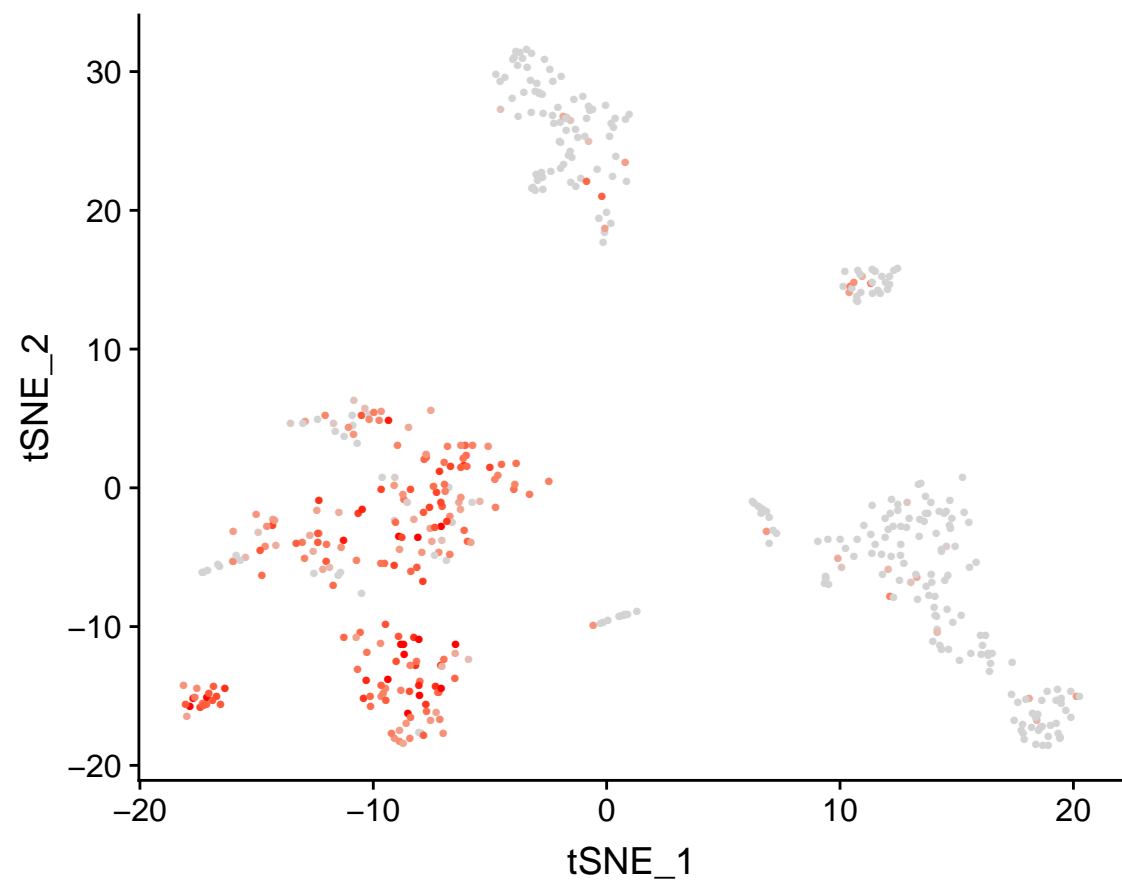
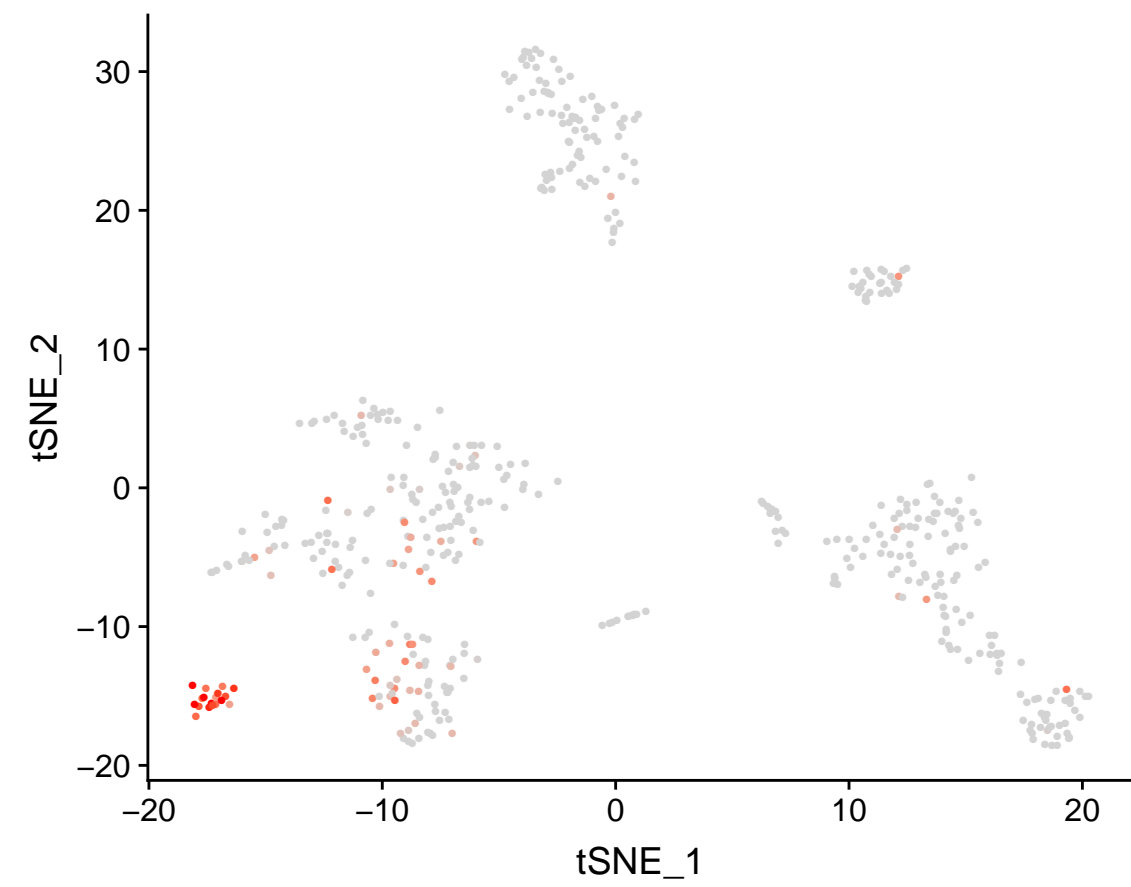
PC 5

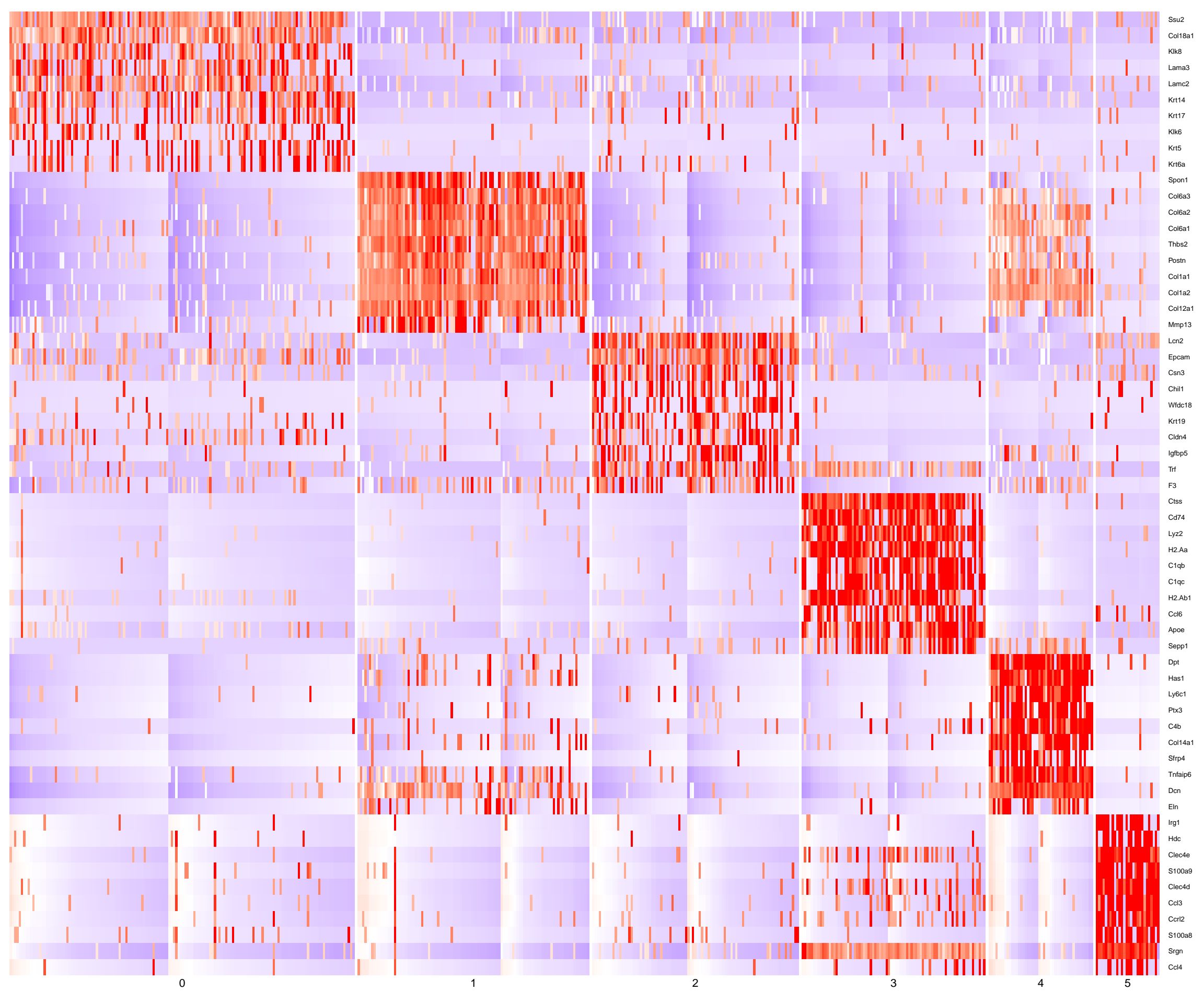


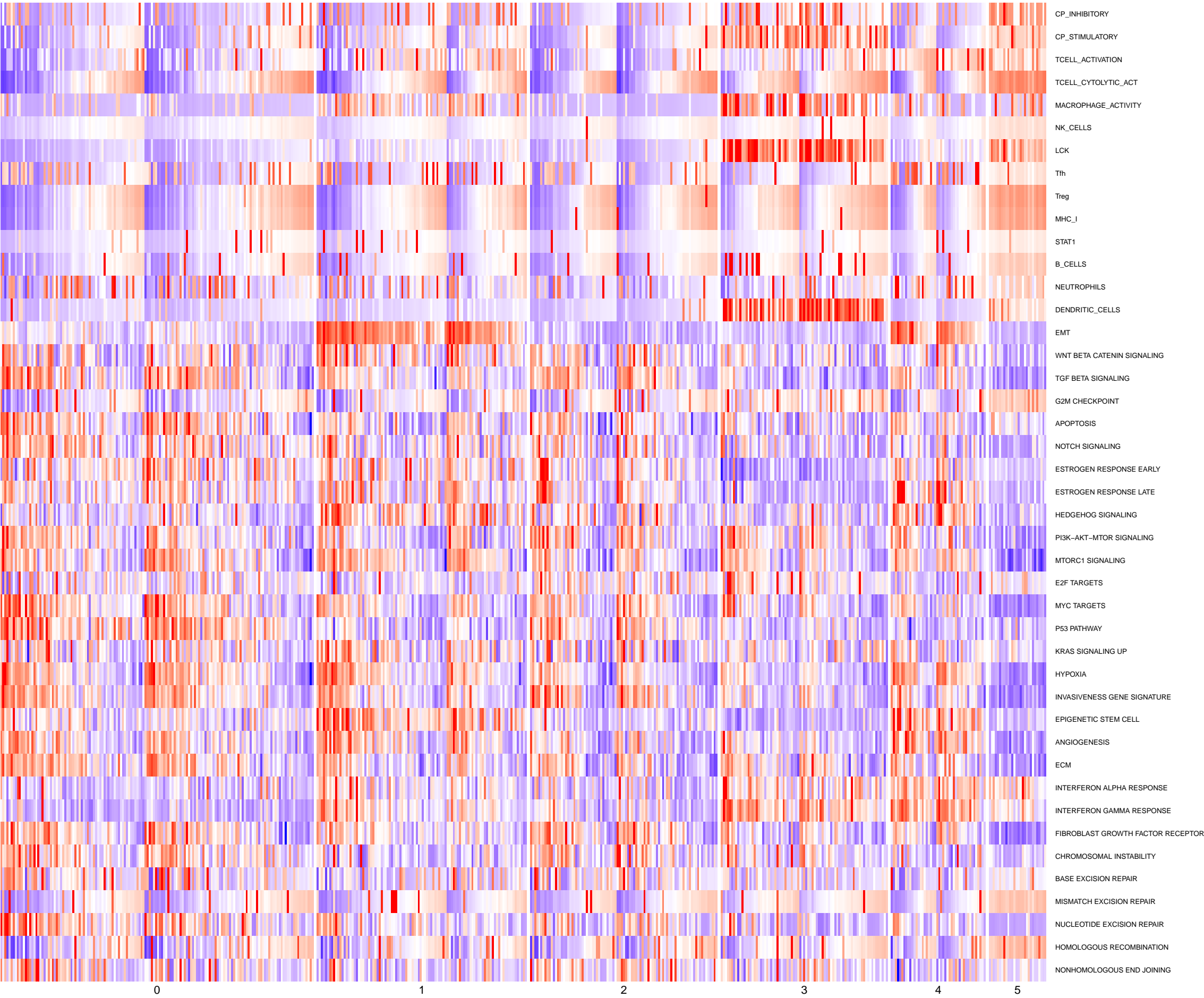
PC 6



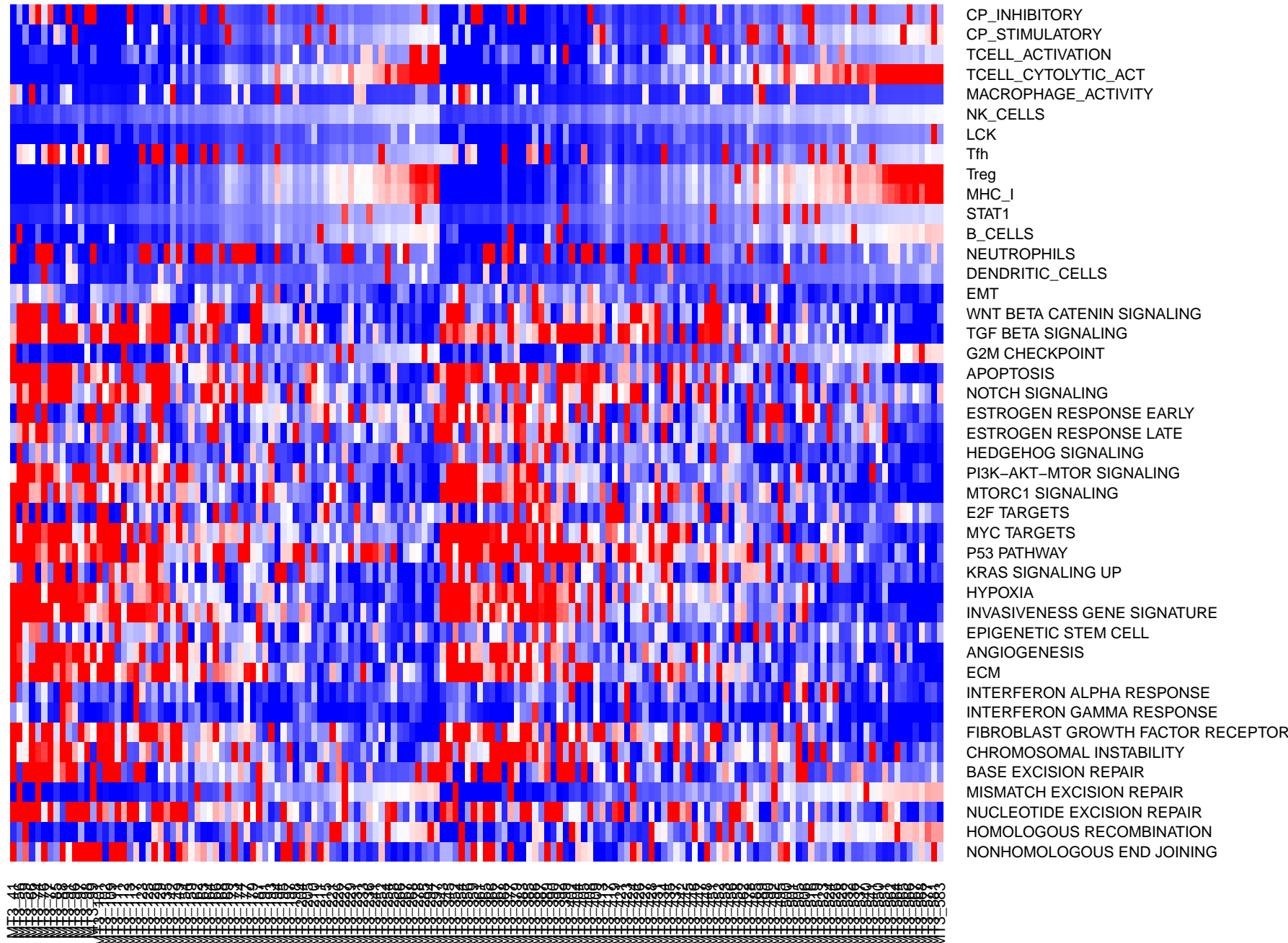
Krt5**Krt14****Krt6a**

Krt8**Krt18****Krt19**

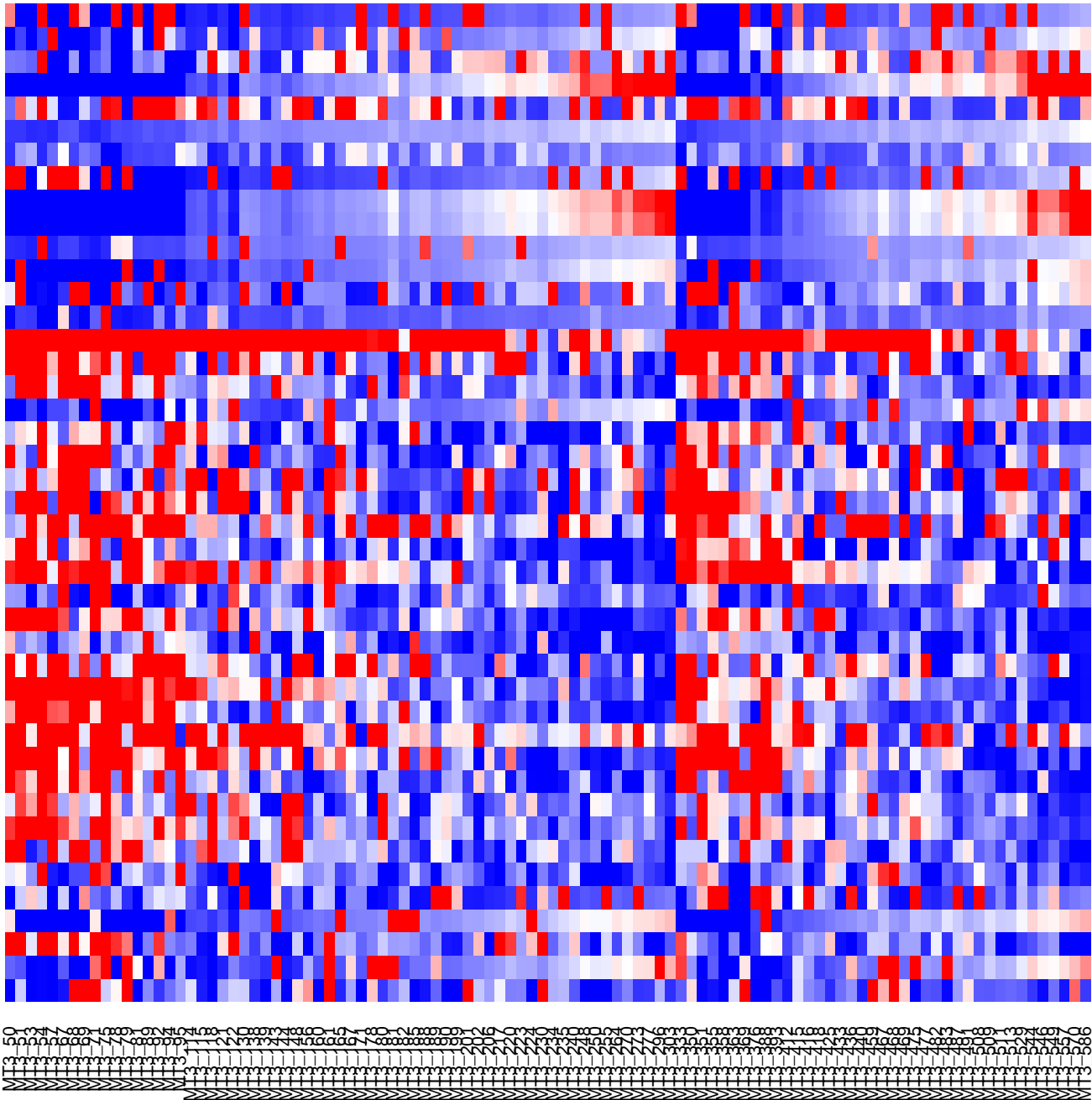




Gene-set enrichment within the cluster 0 (MT3)

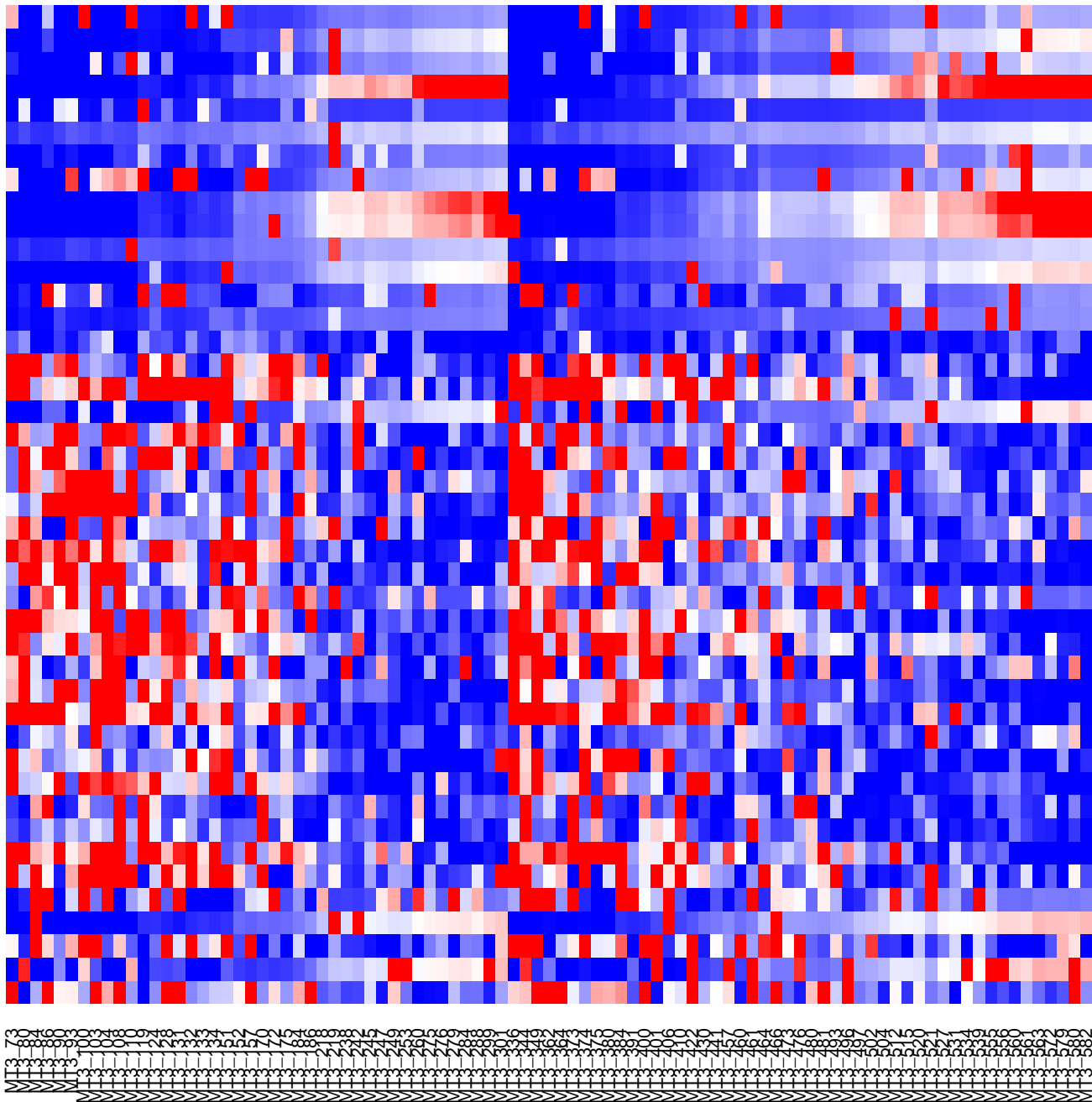


Gene-set enrichment within the cluster 1 (MT3)



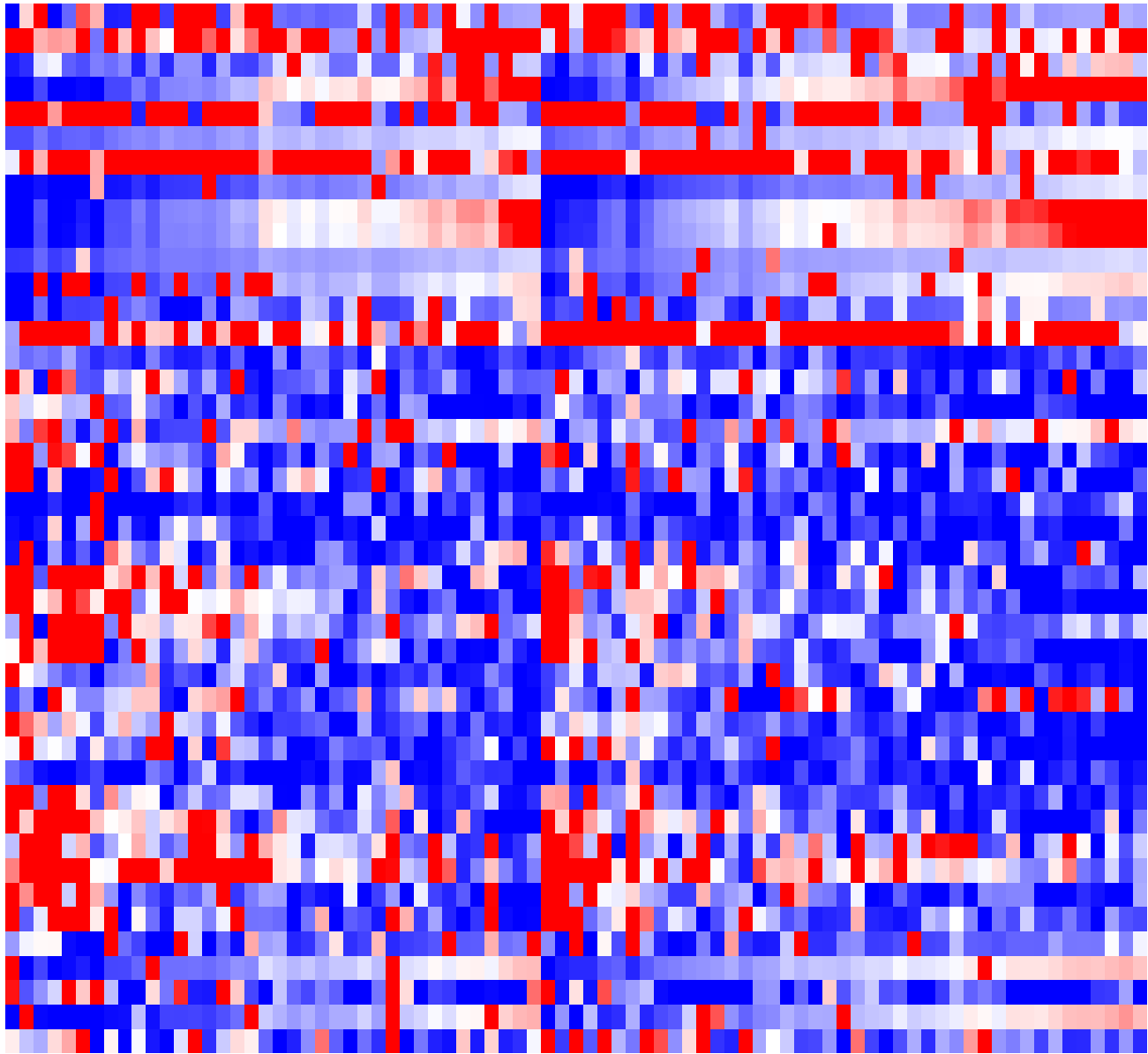
- CP_INHIBITORY
- CP_STIMULATORY
- TCELL_ACTIVATION
- TCELL_CYTOLYTIC_ACT
- MACROPHAGE_ACTIVITY
- NK_CELLS
- LCK
- Tfh
- Treg
- MHC_I
- STAT1
- B_CELLS
- NEUTROPHILS
- DENDRITIC_CELLS
- EMT
- WNT BETA CATENIN SIGNALING
- TGF BETA SIGNALING
- G2M CHECKPOINT
- APOPTOSIS
- NOTCH SIGNALING
- ESTROGEN RESPONSE EARLY
- ESTROGEN RESPONSE LATE
- HEDGEHOG SIGNALING
- PI3K-AKT-MTOR SIGNALING
- MTORC1 SIGNALING
- E2F TARGETS
- MYC TARGETS
- P53 PATHWAY
- KRAS SIGNALING UP
- HYPOXIA
- INVASIVENESS GENE SIGNATURE
- EPIGENETIC STEM CELL
- ANGIOGENESIS
- ECM
- INTERFERON ALPHA RESPONSE
- INTERFERON GAMMA RESPONSE
- FIBROBLAST GROWTH FACTOR RECEPTOR
- CHROMOSOMAL INSTABILITY
- BASE EXCISION REPAIR
- MISMATCH EXCISION REPAIR
- NUCLEOTIDE EXCISION REPAIR
- HOMOLOGOUS RECOMBINATION
- NONHOMOLOGOUS END JOINING

Gene-set enrichment within the cluster 2 (MT3)

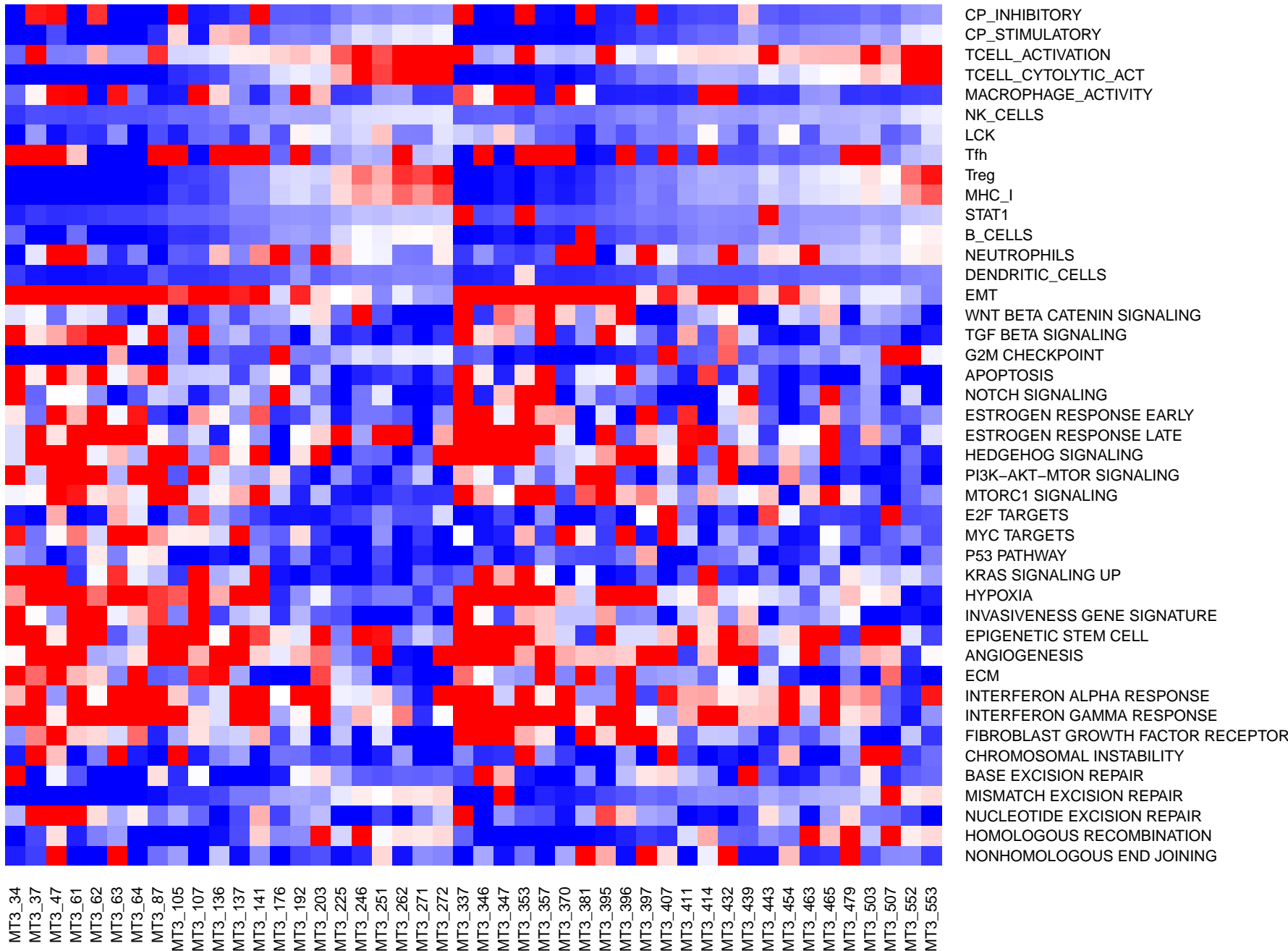


- CP_INHIBITORY
- CP_STIMULATORY
- TCELL_ACTIVATION
- TCELL_CYTOLYTIC_ACT
- MACROPHAGE_ACTIVITY
- NK_CELLS
- LCK
- Tfh
- Treg
- MHC_I
- STAT1
- B_CELLS
- NEUTROPHILS
- DENDRITIC_CELLS
- EMT
- WNT BETA CATENIN SIGNALING
- TGF BETA SIGNALING
- G2M CHECKPOINT
- APOPTOSIS
- NOTCH SIGNALING
- ESTROGEN RESPONSE EARLY
- ESTROGEN RESPONSE LATE
- HEDGEHOG SIGNALING
- PI3K-AKT-MTOR SIGNALING
- MTORC1 SIGNALING
- E2F TARGETS
- MYC TARGETS
- P53 PATHWAY
- KRAS SIGNALING UP
- HYPOXIA
- INVASIVENESS GENE SIGNATURE
- EPIGENETIC STEM CELL
- ANGIOGENESIS
- ECM
- INTERFERON ALPHA RESPONSE
- INTERFERON GAMMA RESPONSE
- FIBROBLAST GROWTH FACTOR RECEPTOR
- CHROMOSOMAL INSTABILITY
- BASE EXCISION REPAIR
- MISMATCH EXCISION REPAIR
- NUCLEOTIDE EXCISION REPAIR
- HOMOLOGOUS RECOMBINATION
- NONHOMOLOGOUS END JOINING

Gene-set enrichment within the cluster 3 (MT3)



Gene-set enrichment within the cluster 4 (MT3)



Gene-set enrichment within the cluster 5 (MT3)

