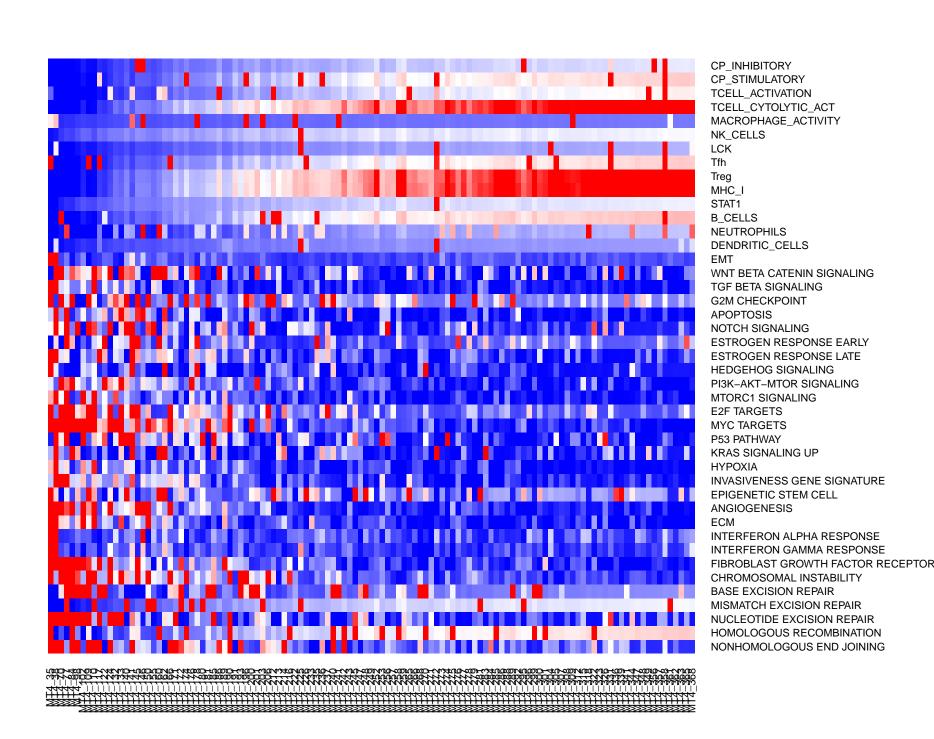
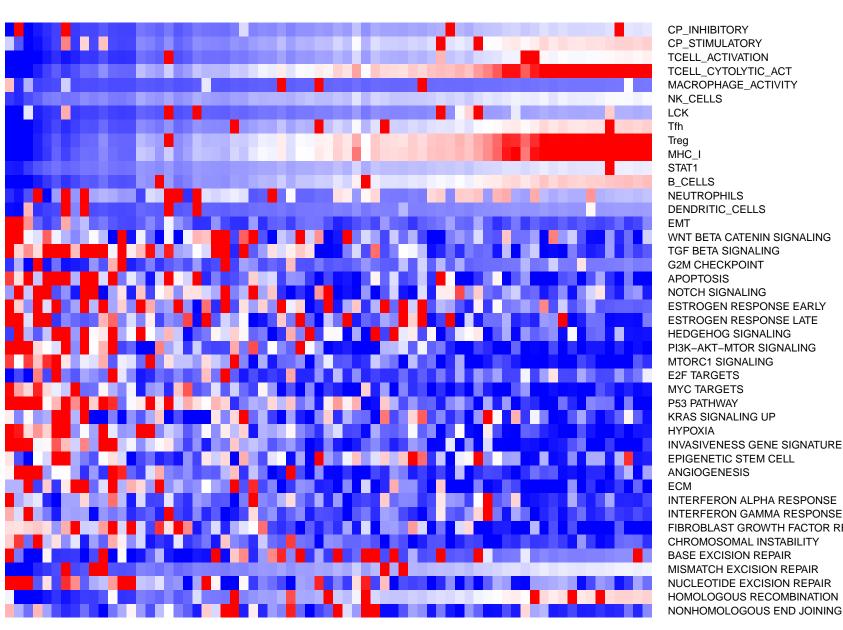


Gene-set enrichment within the cluster 0 (MT4)

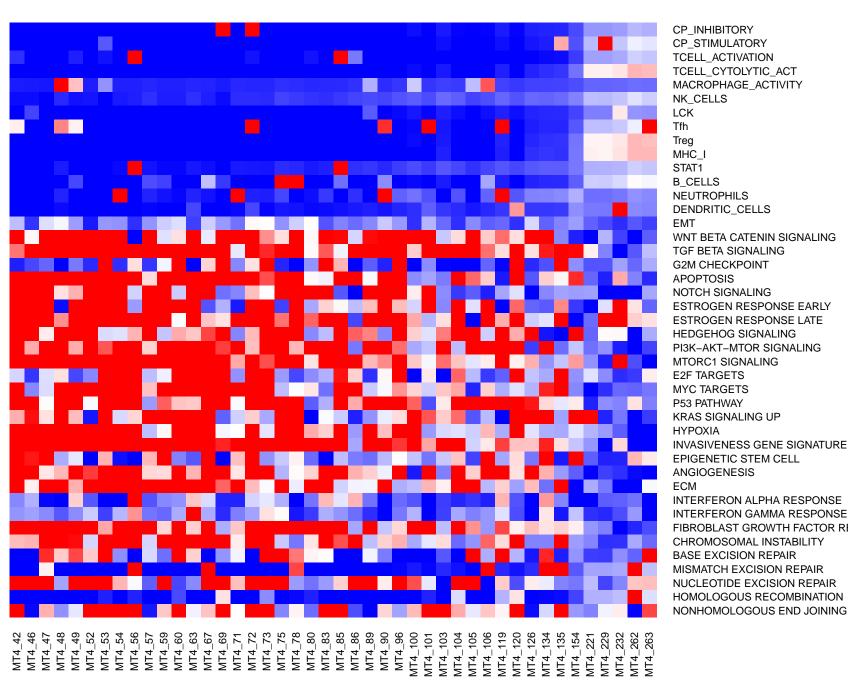


Gene-set enrichment within the cluster 1 (MT4)



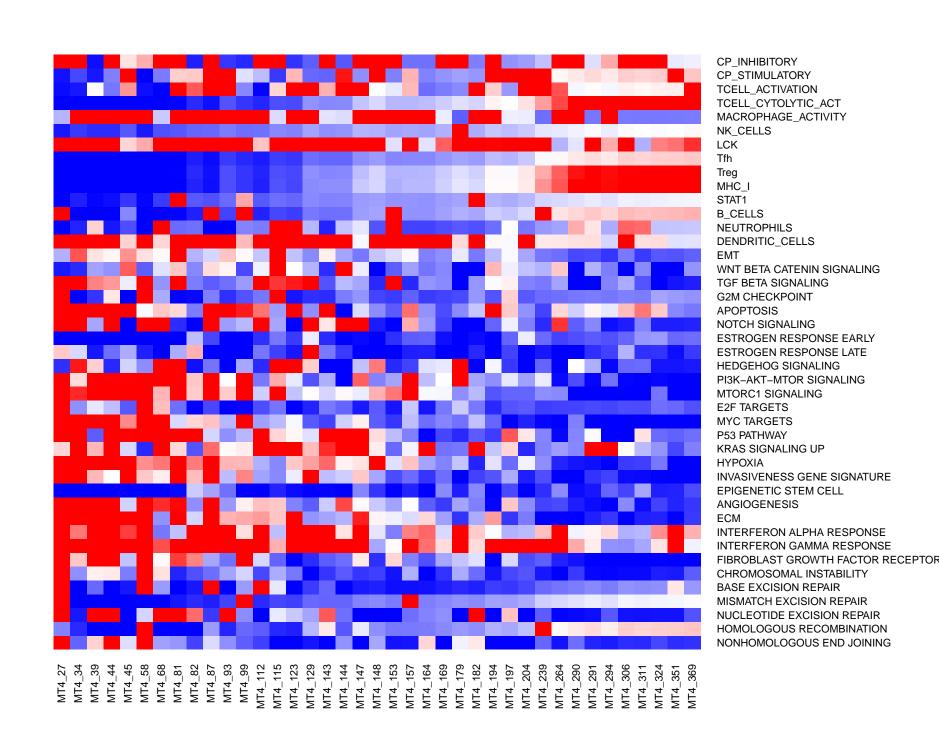
TCELL_ACTIVATION TCELL_CYTOLYTIC_ACT MACROPHAGE_ACTIVITY NK_CELLS LCK Tfh Treg MHC_I STAT1 **B_CELLS NEUTROPHILS** DENDRITIC_CELLS WNT BETA CATENIN SIGNALING TGF BETA SIGNALING **G2M CHECKPOINT APOPTOSIS** NOTCH SIGNALING **ESTROGEN RESPONSE EARLY ESTROGEN RESPONSE LATE** HEDGEHOG SIGNALING PI3K-AKT-MTOR 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

Gene-set enrichment within the cluster 2 (MT4)



CP_INHIBITORY CP_STIMULATORY TCELL_ACTIVATION TCELL_CYTOLYTIC_ACT MACROPHAGE_ACTIVITY NK_CELLS **B_CELLS NEUTROPHILS** DENDRITIC_CELLS 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** INTERFERON ALPHA RESPONSE INTERFERON GAMMA RESPONSE FIBROBLAST GROWTH FACTOR RECEPTOR CHROMOSOMAL INSTABILITY BASE EXCISION REPAIR MISMATCH EXCISION REPAIR

Gene-set enrichment within the cluster 3 (MT4)



Gene-set enrichment within the cluster 4 (MT4)

