

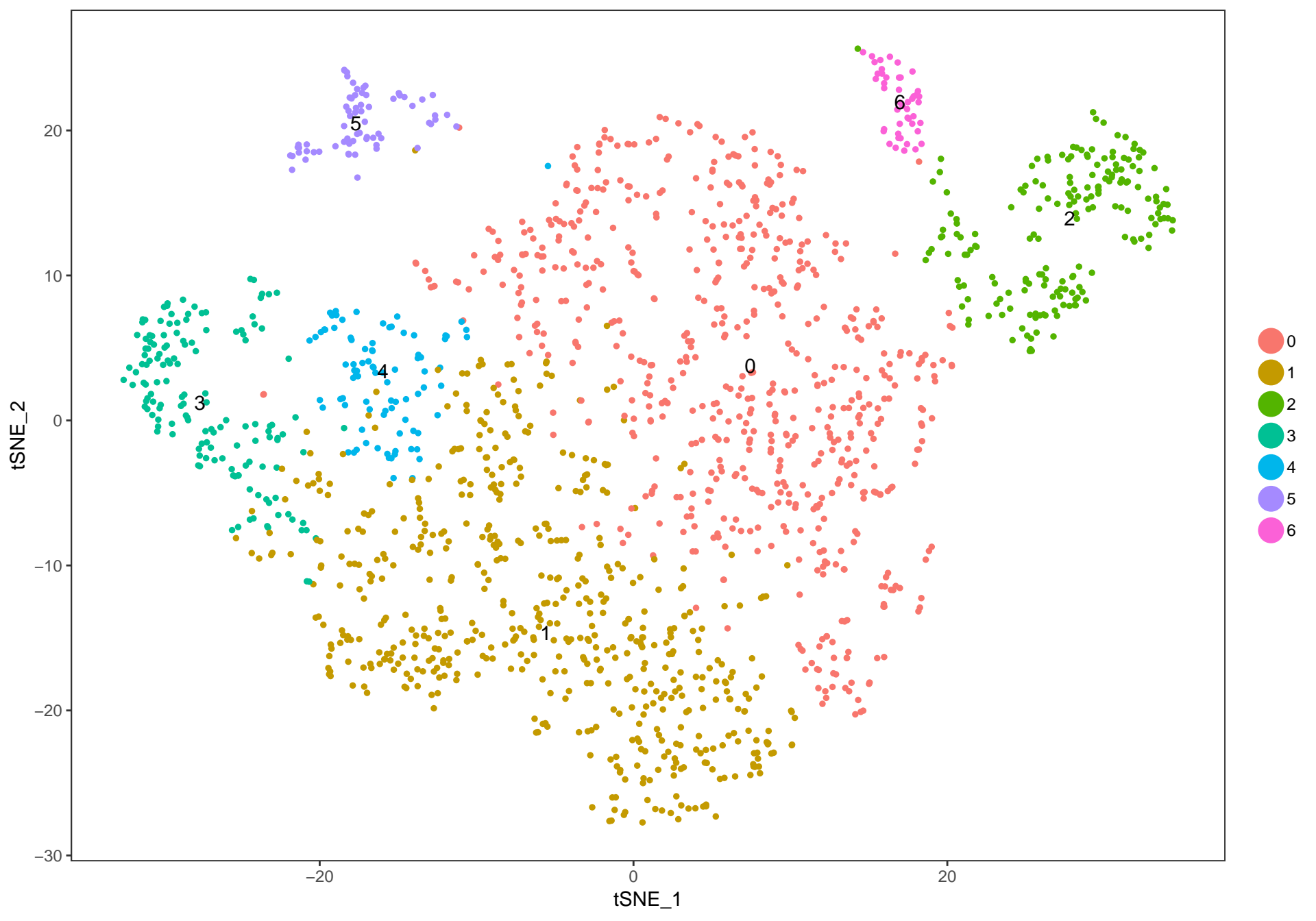
## T-cell subcluster vs Response group

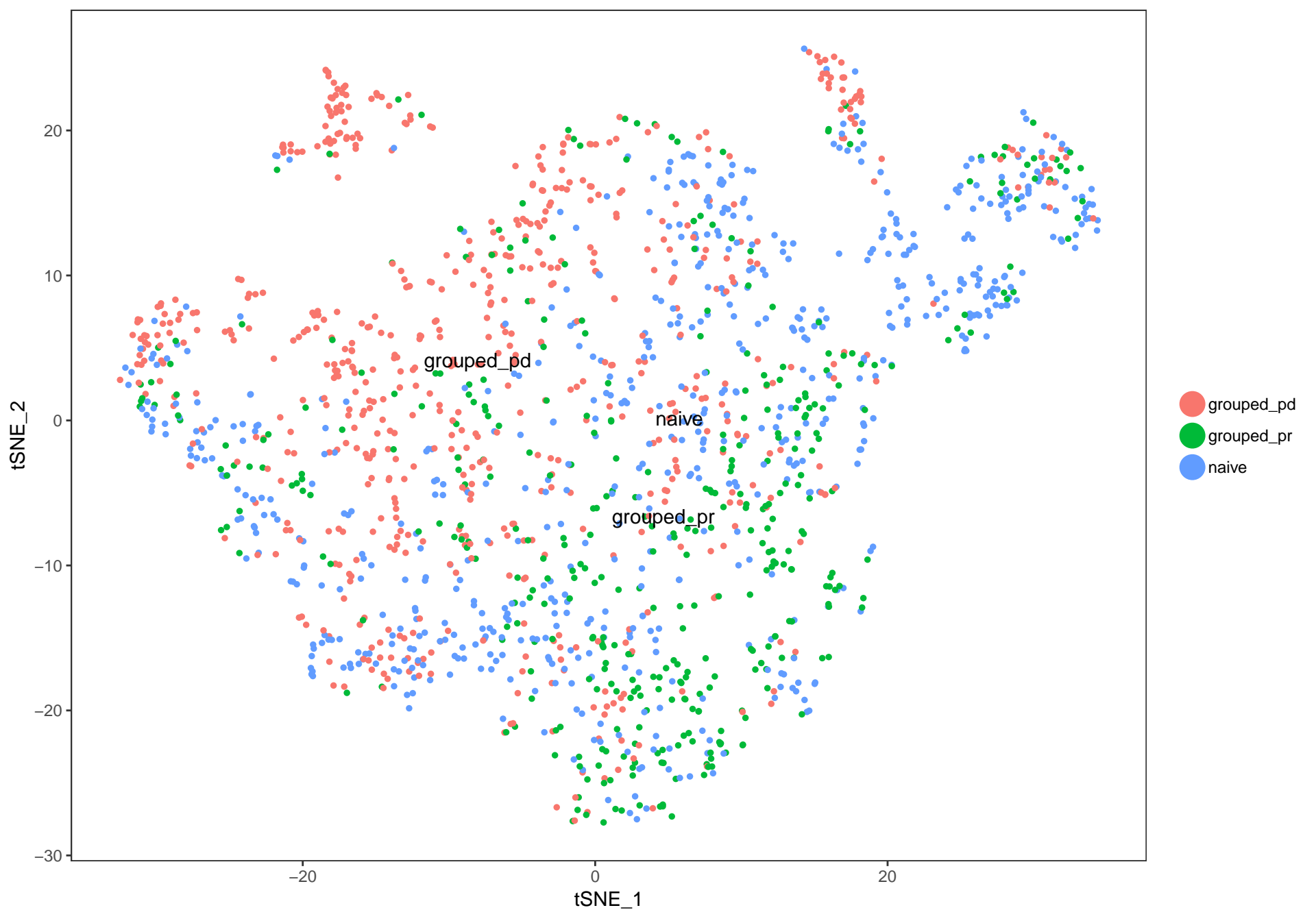


grouped_pd	213	185	21	64	79	61	30
grouped_pr	165	169	29	23	6	4	5
naive	250	208	135	60	3	4	11

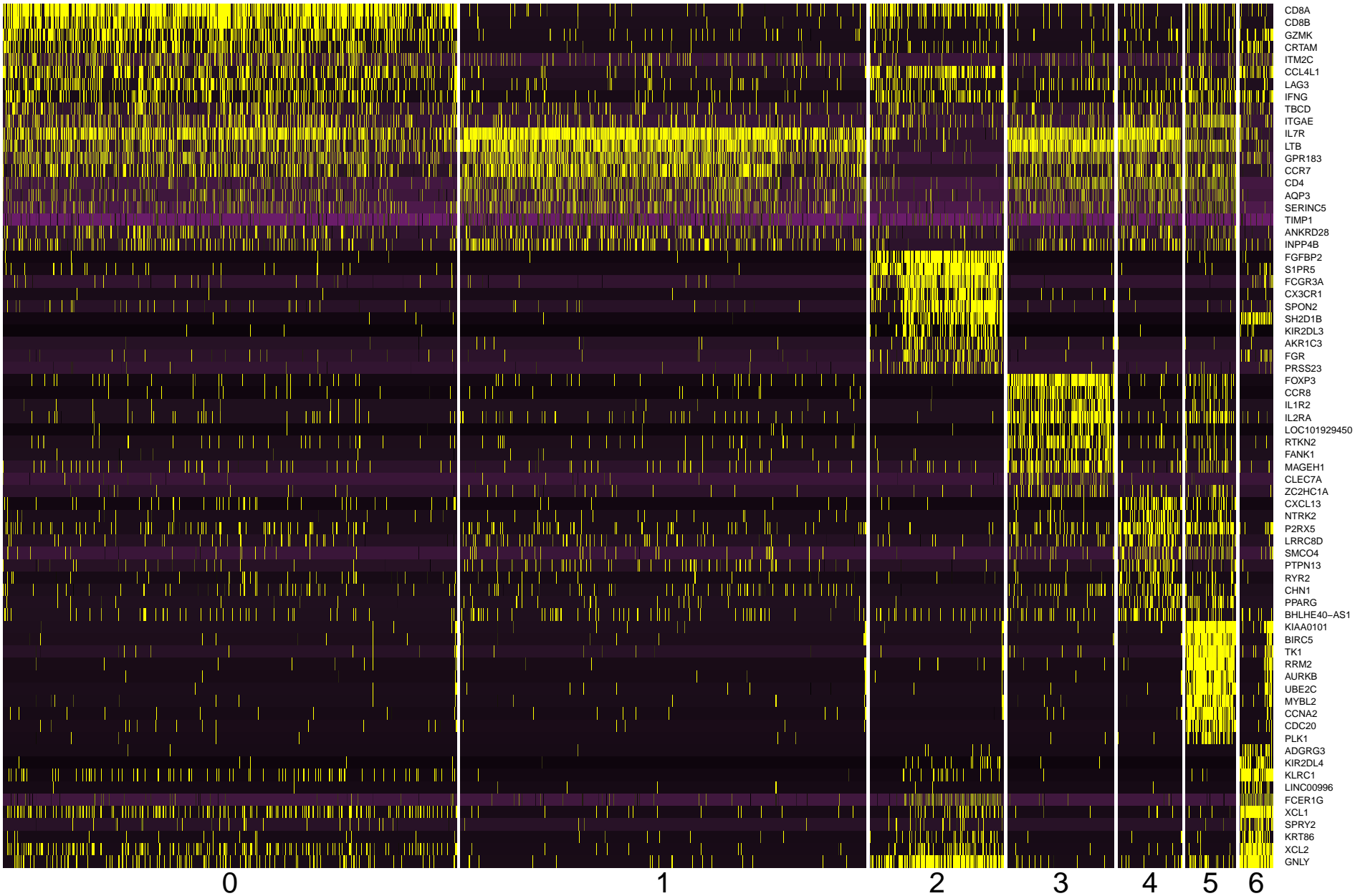
# Patient ID vs T-cell cluster

	0	1	2	3	4	5	6
TH158	38	29	4	1			2
TH169	10	6	1	3	1		
TH179	147	128	4	21	66	49	17
TH179_NAT	11	18	16		5	3	1
TH226	110	99	20	48	8	11	15
TH231	1	3					1
TH236	62	74	5	14	5	2	
TH238	132	112	24	39	1	3	1
TH238_NAT	55	31	74	1		1	7
TH248	62	62	37	20	2		2

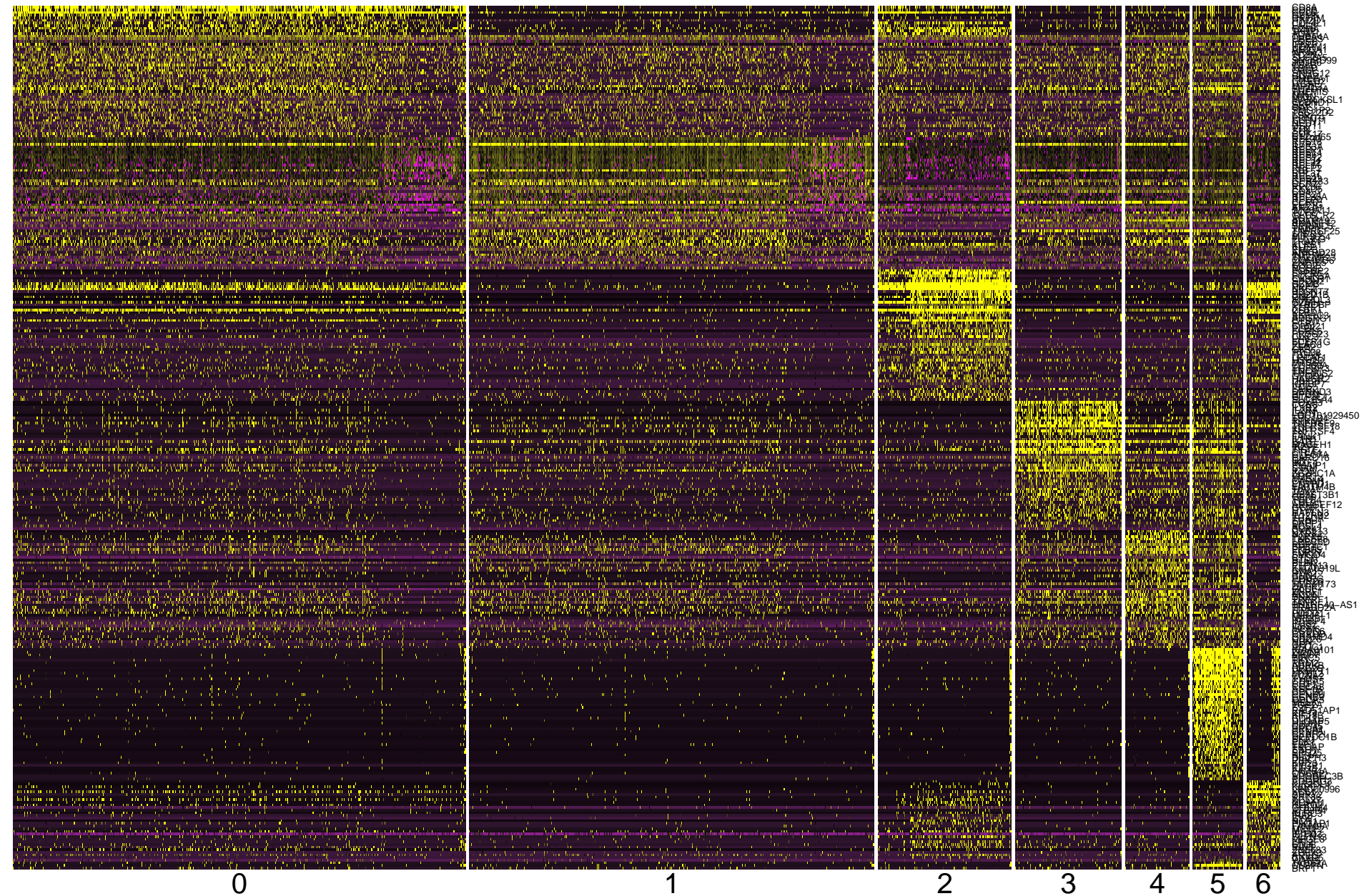


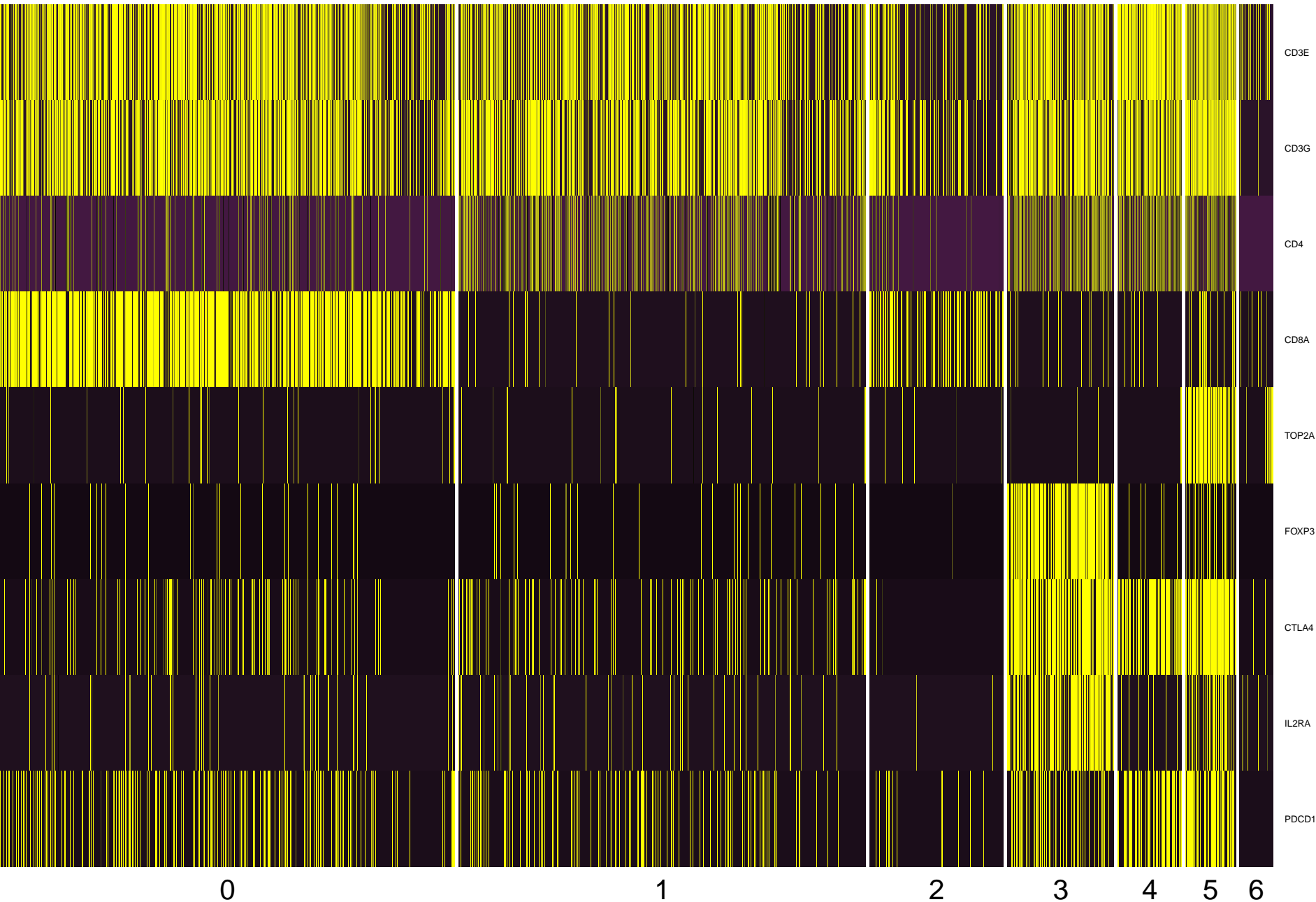


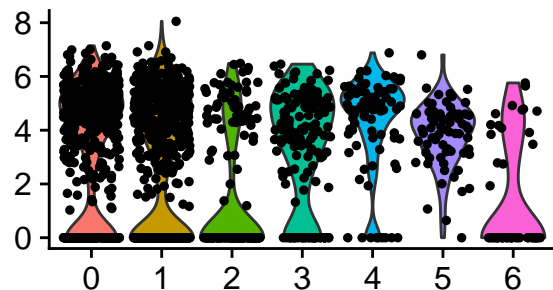
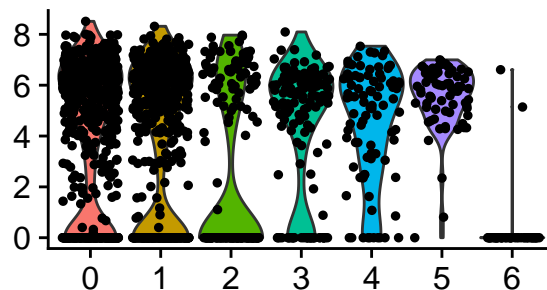
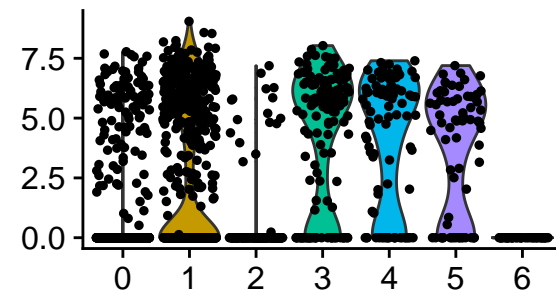
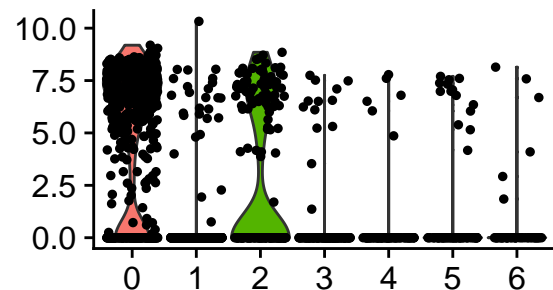
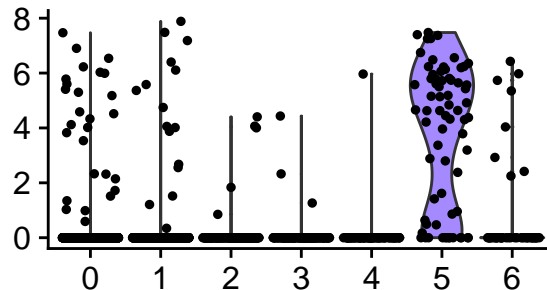
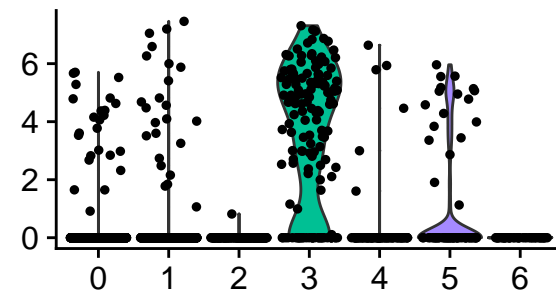
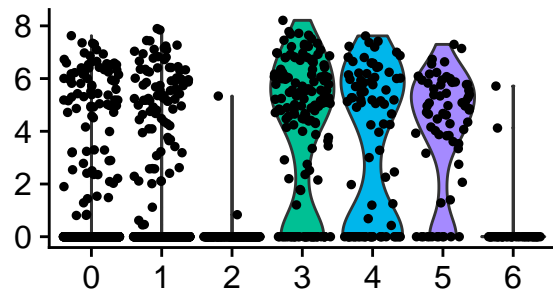
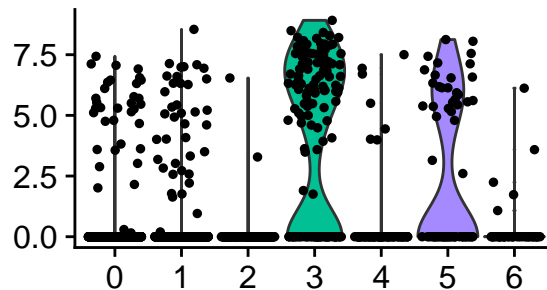
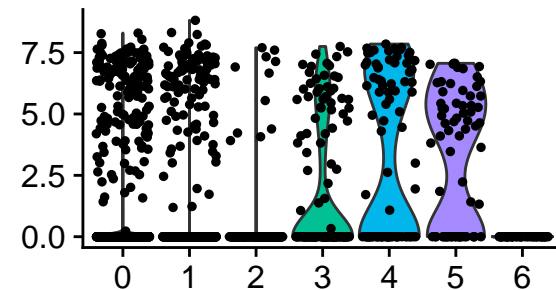
# Top 10 DE genes



Top 50 DE genes





**CD3E****Identity****CD3G****Identity****CD4****Identity****CD8A****Identity****TOP2A****Identity****FOXP3****Identity****CTLA4****Identity****IL2RA****Identity****PDCD1****Identity**



PC 1



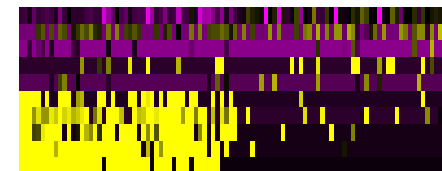
CST3  
GPR5  
GZMB  
SH2D1B  
TNFRSF4  
TNFRSF25  
CCR6

PC 2



EGFBP2  
S1PR5  
GZMB  
SH2D1B  
TNFRSF4  
TNFRSF25  
CCR6

PC 3



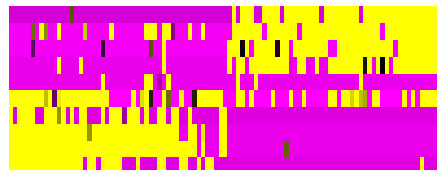
FTL  
ANXA1  
CST3  
ZNF165  
DIPK3  
TNFRSF1  
TNFRSF4  
CCR6  
CCR6

PC 4



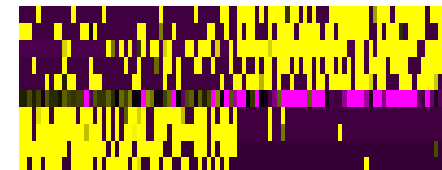
EGFBP2  
S1PR5  
CCR8  
SH2D1B  
TNFRSF4  
GZMK  
ZNF683  
CRTAM  
CD8A  
CD8B

PC 5



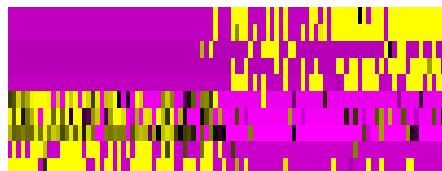
CCR8  
TIGIT  
TNFRSF9  
LAYN  
CRTAM  
TNFRSF25  
HIST1H2AJ  
RPM2  
GPR25

PC 6



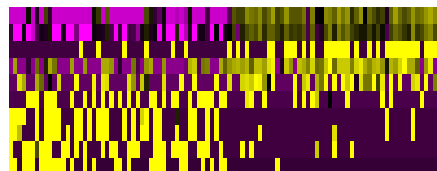
GZMK  
CRTAM  
CD8A  
GZMH  
EOMES  
HSPA1A  
XCL2  
XCL1  
KLRC1  
ZNF683

PC 7



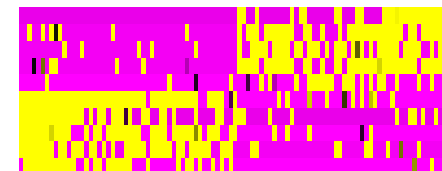
RPM2  
MK167  
KLRC1  
HIST1H2AJ  
CDC20  
SLC7A5P2  
TNFRSF8  
CCR6

PC 8



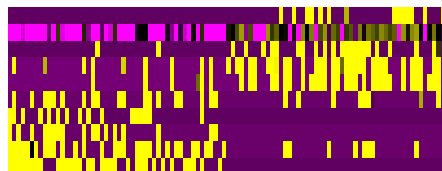
HSPA1B  
HSPA1A  
IFNG  
DEDD2  
DOK2  
CCR6  
XCL2  
XCL1  
CXCR6  
CXCL13

PC 9



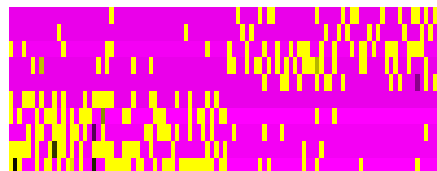
SH2D1B  
XCL2  
EOMES  
XCL1  
GZMK  
CD8A  
ZNF683  
CD8B  
GZMH  
CXCR6

PC 10



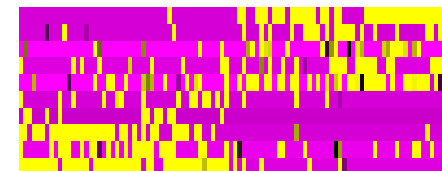
CCR8  
NMDA  
KLRC1  
CD8A  
GZMH  
GPR25  
FCRL6  
IFNG  
CXCL13

PC 11



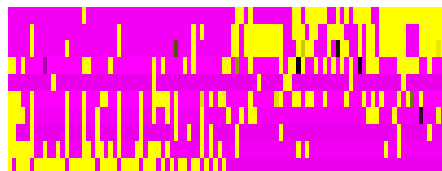
CXCL13  
CCR8  
IFNG  
ZNF683  
ZBED2  
KLRC1  
GZMK  
EOMES  
FASLG  
CXCR6

PC 12



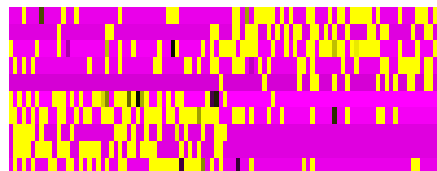
ZNF683  
FCRL6  
CCR8  
CRTAM  
OAS1  
IL23R  
FASLG  
CXCR6  
IFNG

PC 13



FCRL6  
XCL2  
CXCL13  
CCR8  
GZMB  
FASLG  
KLRC1  
GZMH  
CXCL13

PC 14



CXCR6  
IFNG  
CCR8  
ZBED2  
TNFRSF25  
CD8A  
NCR3  
TARP

PC 15



FASLG  
KLRC1  
NCR3  
NCR3  
NCR3  
XCL2  
GZMH  
KLRC1

