A
2
1
GZMH
FGFBP2
GNLY
NKG7
GZMB
CST7
KLRD1
PRF1
ZNF683
ADGRG1
CX3CR1
ZEB2
CCL4
SPON2
KLRB1
GZMK
LTB
IL7R
LDHB
CCR7
RCAN3
TCF7
SELL
COTL1
LEF1
GPR183
CAMK4
JUNB
NOSIP
FOS
Expression
2 1 0 -1 -2

B
Fraction of clonotypes on day 45 after 1st vaccination
10^{-4}
10^{-5}
10^{-6}
cluster 1
cluster 2
Fraction of clonotypes before 2nd vaccination
10^{-4}
10^{-5}
cluster 1
cluster 2