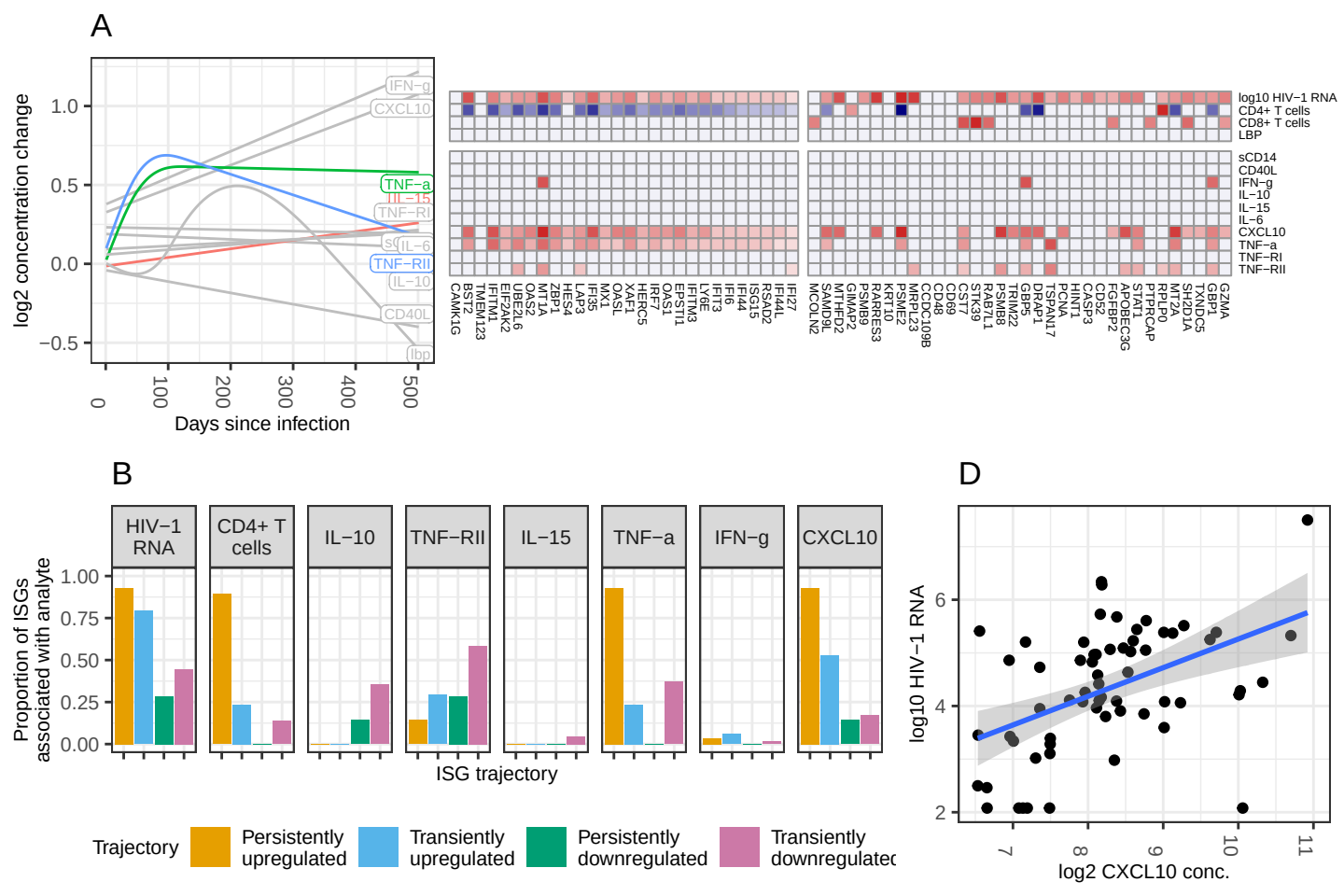

A
log2 concentration change
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
Days since infection
IFN−g
CXCL10
TNF−a
IL−15
TNF−RI
IL−6
TNF−RII
IL−10
CD40L
lbp
log10 HIV−1 RNA
CD4+ T cells
CD8+ T cells
LBP
sCD14
CD40L
IFN−g
IL−10
IL−15
IL−6
CXCL10
TNF−a
TNF−RI
TNF−RII
CAMK1G
BST2
TMEM123
IFITM1
EIF2AK2
UBE2L6
OAS2
MT1A
ZBP1
HES4
LAP3
IFI35
MX1
OASL
XAF1
HERC5
IRF7
OAS1
EPSTI1
IFI6
LY6E
IFIT3
IFI44
ISG15
RSAD2
IFI44L
IFI27
MCOLN2
SAMD9L
MTHFD2
GIMAP2
PSMB9
RARRES3
PSMB2
KRT10
MRPL23
CCDC109B
CD48
CD69
CST7
STK39
RAB7L1
PSMB8
TRIM22
GBP5
DRAP1
TSPAN17
PCNA
HINT1
CASP3
CD52
FGFBP2
APOBEC3G
STAT1
PTPRCAP
RPL10
MT2A
SH2D1A
TXNDC5
GBP1
GZMA
B
Proportion of ISGs associated with analyte
1.00
0.75
0.50
0.25
0.00
HIV−1 RNA
CD4+ T cells
IL−10
TNF−RII
IL−15
TNF−a
IFN−g
CXCL10
ISG trajectory
Trajectory
Persistently upregulated
Transiently upregulated
Persistently downregulated
Transiently downregulated
D
log10 HIV−1 RNA
6
4
2
7
8
9
10
11
log2 CXCL10 conc.