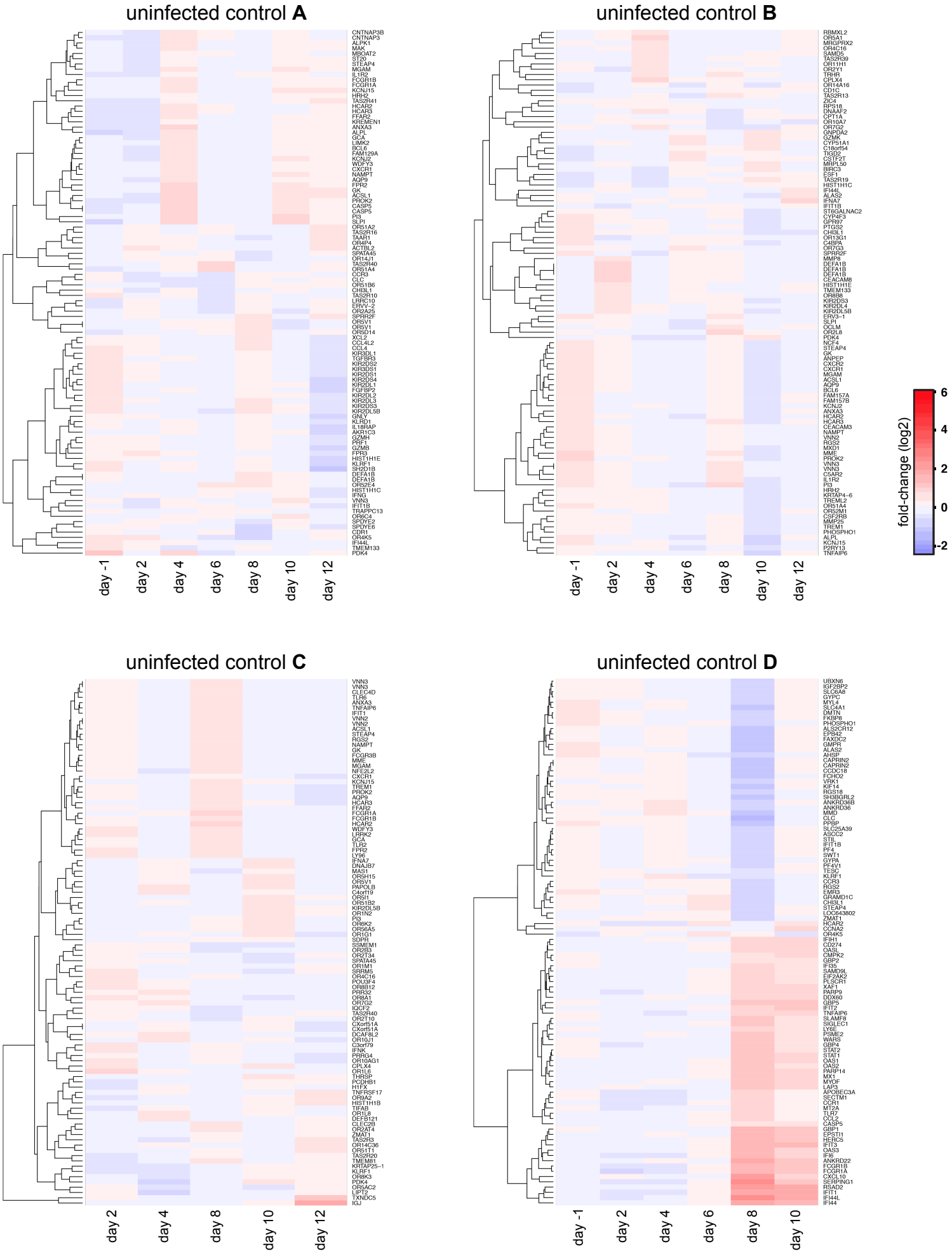
uninfected control A
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CNTNAP3
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STEAP4
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HRH2
TAS2R41
HCAR2
HCAR3
FFAR2
KREMEN1
ANXA3
ALPL
GCA
LIMK2
BCL6
FAM129A
KCNJ2
WDFY3
CXCR1
NAMPT
AQP9
FPR2
GK
ACSL1
PROK2
CASP5
CASP5
PI3
SLPI
OR51A2
TAS2R16
TAAR1
OR4F4
ACTBL2
SPATA45
OR14J1
TAS2R40
OR51A4
CCR3
CLC
OR51B6
CHI3L1
TAS2R10
LRRC10
ERV3-2
OR2A25
SPRR2F
OR5V1
OR5V1
OR5D14
XCL2
CCL4L2
CCL4
KIR3DL1
TGFBR3
KIR2DS2
KIR3DS1
KIR2DS1
KIR2DS4
KIR2DL1
FGFBP2
KIR2DL2
KIR2DL3
KIR2DS3
KIR2DL5B
GNLY
KLRD1
IL18RAP
AKR1C3
GZMH
PRF1
GZMH
FPR3
HIST1H1E
KLRF1
SH2D1B
DEFA1B
DEFA1B
OR52E4
HIST1H1C
IFNG
VNN3
IFIT1B
TRAPPC13
OR6C4
SPDYE2
SPDYE6
CDR1
OR4K5
IFI44L
TMEM133
PDK4
day -1
day 2
day 4
day 6
day 8
day 10
day 12
uninfected control B
RBMXL2
OR5A1
MRGPRX2
OR4C16
SAMD9
TAS2R39
OR11H1
OR2Y1
TRHR
CPLX4
OR14A16
CD1C
TAS2R13
ZIC4
RPS18
DNAAF2
CPT1A
OR10A7
OR7G2
GNPDA2
GZMK
CYP51A1
C18orf54
TIGD2
CSTF2T
MRPL50
BIRC3
ESF1
TAS2R19
HIST1H1C
IFI44L
ALAS2
IFNA7
IFIT1B
ST6GALNAC2
CYP4F3
GPR97
PTGS2
CHI3L1
OR13G1
C4BPA
OR7G3
SPRR2F
MMP8
DEFA1B
DEFA1B
DEFA1B
CEACAM8
HIST1H1E
TMEM133
OR6B3
KIR2DS3
KIR2DL4
KIR2DL5B
ERV3-1
SLPI
OCLM
OR2L8
PDK4
NCF4
STEAP4
GK
ANPEP
CXCR2
CXCR1
MGAM
ACSL1
AQP9
BCL6
FAM157A
FAM157B
KCNJ2
ANXA3
HCAR2
HCAR3
CEACAM3
NAMPT
VNN2
RGS2
MXD1
MME
PROK2
VNN3
VNN3
C5AR2
IL1R2
PI3
HRH2
KRTAP4-6
TREML2
OR51A4
OR52M1
CSF2RB
MMP25
THEM1
PHOSPHO1
ALPL
KCNJ15
P2RY13
TNFAIP6
day -1
day 2
day 4
day 6
day 8
day 10
day 12
fold-change (log2)
6
4
2
0
-2
uninfected control C
VNN3
VNN3
CLEC4D
TLR6
ANXA3
TNFAIP6
IFIT1
VNN2
VNN2
ACSL1
STEAP4
RGS2
NAMPT
GK
FCGR3B
MME
MGAM
NFE2L2
CXCR1
KCNJ15
TREM1
PROK2
AQP9
HCAR3
FFAR2
FCGR1A
FCGR1B
HCAR2
WDFY3
LRRK2
GCA
TLR2
FPR2
LY96
IFNA7
DNAJB7
MAS1
OR5H15
OR5V1
PAPOLB
C4orf19
OR5I1
OR51B2
KIR2DL5B
OR1N2
PI3
OR6K2
OR56A5
OR1G1
SDPR
SSMEM1
OR2B3
OR2T34
SPATA45
OR1M1
SRRM5
OR4C16
POU3F4
OR8B12
PRR32
OR8A1
OR7G2
IQCF2
TAS2R40
OR2T10
CXorf51A
CXorf51A
DCAF8L2
OR10J1
C3orf79
IFNK
PRRG4
OR10AG1
CPLX4
OR1L6
THRSP
PCDHB1
HTFX
TNFRSF17
OR9A2
HIST1H1B
TIFAB
OR1L8
DEFB121
CLEC2B
OR2AT4
ZMAT1
TAS2R3
OR14C36
OR51T1
TAS2R20
TMEM81
KRTAP25-1
KLRF1
OR8K3
PDK4
OR5AC2
LIPT2
TXNDC5
IGJ
day 2
day 4
day 8
day 10
day 12
uninfected control D
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IGF2BP2
SLC6A8
GYPC
MYL4
SLC4A1
DMTN
FKBP8
PHOSPHO1
ALS2CR12
EPB42
FAXDC2
GMPR
ALAS2
AHSP
CAPRIN2
CAPRIN2
CCDC18
FCHO2
VRK1
KIF14
RGS18
SH3BGRL2
ANKRD36B
ANKRD36
MMD
CLC
PRSP
SLC25A39
ASCC2
STIL
IFIT1B
PF4
SWT1
GYPA
PF4V1
TESC
KLRF1
CCR3
RGS2
EMR3
GRAMD1C
CHI3L1
STEAP4
LOC643802
ZMAT1
HCAR2
CCNA2
OR4K5
IFIH1
CD274
OASL
CMPK2
GBP2
IFI35
SAMD9L
EIF2AK2
PLSCR1
XAF1
PARP9
DDX60
GBP5
IFIT2
TNFAIP6
SLAMF8
SIGLEC1
LY6E
PSME2
WARS
GBP4
STAT2
STAT1
OAS1
OAS2
PARP14
MX1
MYO1F
LAP3
APOBEC3A
SECTM1
CCR1
MT2A
TLR7
CCL2
CASP5
GBP1
EPSTI1
HERC5
IFIT3
OAS3
IFI6
ANKRD22
FCGR1B
FCGR1A
CXCL10
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RSAD2
IFIT1
IFI44L
IFI44
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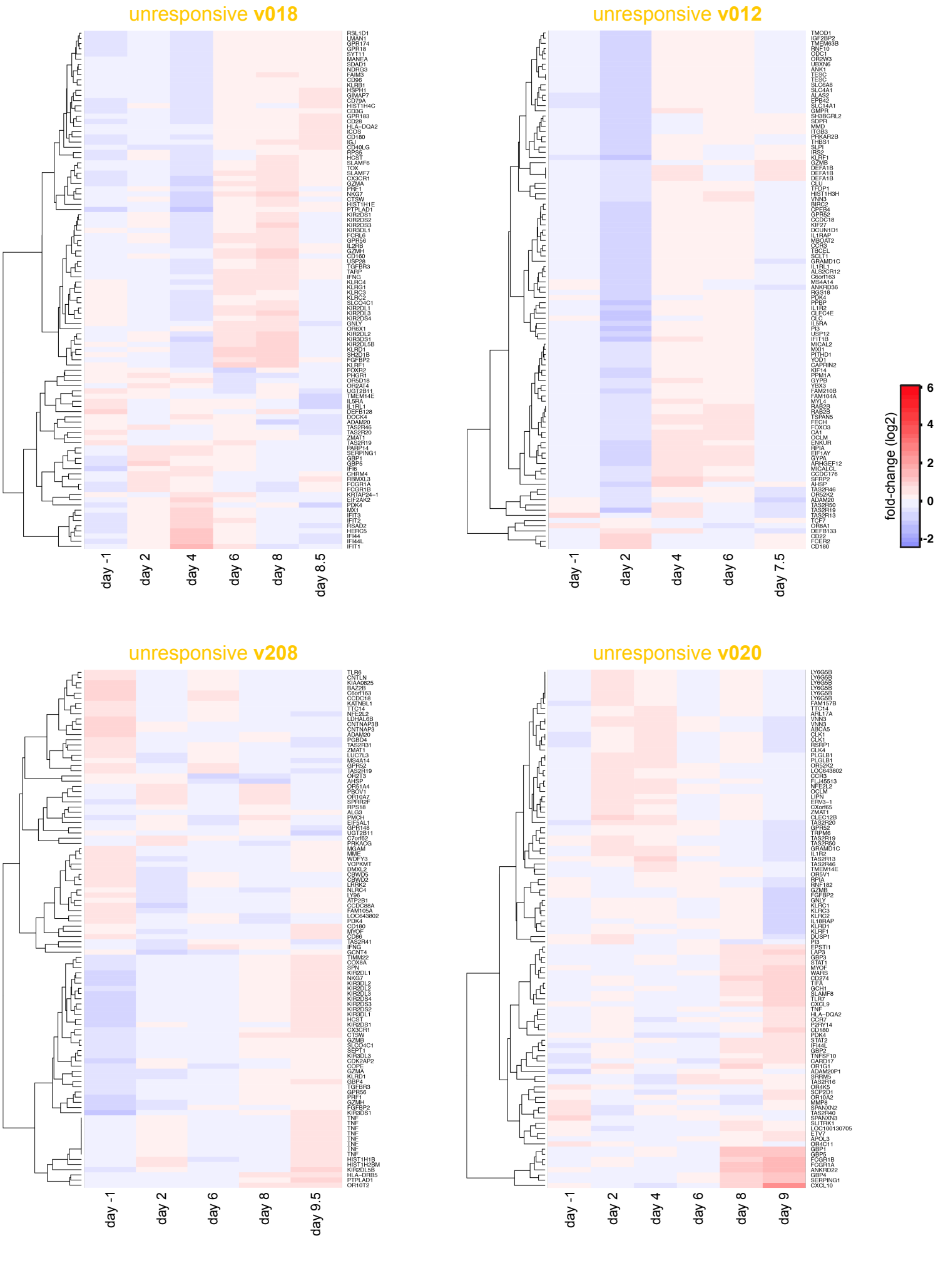
day 2
day 4
day 6
day 8
day 10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SYT11
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HSPH1
GIMAP7
CD79A
HIST1H4C
CD3G
GPR183
CD28
HLA-DQA2
ICOS
CD180
IGJ
CD40LG
RPS5
HCST
SLAMF6
TOX
SLAMF7
CX3CR1
GZMA
PRF1
NKG7
CTSW
HIST1H1E
PTPLAD1
KIR2DS1
KIR2DS2
KIR2DS3
KIR3DL1
FCRL6
GPR56
IL2RB
GZMH
CD160
USP28
TGFBR3
TARP
IFNG
KLRC4
KLRG1
KLRC3
KLRC2
SLCO4C1
KIR2DL1
KIR2DL3
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GNLY
OR6X1
KIR2DL2
KIR3DS1
KIR2DL5B
KLRD1
SH2D1B
FGFBP2
KLRF1
FOXR2
PHGR1
OR5D18
OR2AT4
UGT2B11
TMEM14E
IL5RA
IL1RL1
DEFB128
DOCK4
ADAM20
TAS2R46
TAS2R20
ZMAT1
TAS2R19
PARP14
SERPING1
GBP1
GBP5
IFI6
CHRM4
RBMXL3
FCGR1A
FCGR1B
KRTAP24-1
EIF2AK2
PDK4
MX1
IFIT3
IFIT2
RSAD2
HERC5
IFI44
IFI44L
IFIT1
day -1
day 2
day 4
day 6
day 8
day 8.5
unresponsive v012
TMOD1
IGF2BP2
TMEM63B
RNF10
ODC1
OR2W3
UBXN6
ANK1
TESC
TESC
SLC6A8
SLC4A1
ALAS2
EPB42
SLC14A1
GMPR
SH3BGRL2
SDPR
MMD
ITGB3
PRKAR2B
THBS1
SLPI
IRS2
KLRF1
GZMB
DEFA1B
DEFA1B
DEFA1B
CLU
TFDP1
HIST1H3H
VNN3
BIRC2
GPER4
GPR52
CCDC18
KIF27
DCUN1D1
IL1RAP
MBOAT2
CCR3
TBCEL
SCLT1
GRAMD1C
IL1RL1
ALS2CR12
C6orf163
MS4A14
ANKRD36
RGS16
PDK4
PPBP
IL1R2
CLEC4E
CLC
IL5RA
PI3
USP12
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MICAL2
MX1
FITHD1
YOD1
CAPRIN2
KIF14
PPM1A
GYPB
YBX3
FAM210B
FAM104A
MYL4
RAB2B
RAB2B
TSPAN5
FECH
FOXO3
CA1
OCLM
ENKUR
RPIA
EIF1AY
GYPA
ARHGEF12
MICAL1
CCDC176
SFRP2
AHSP
TAS2R46
OR52E2
ADAM20
TAS2R50
TAS2R19
TAS2R13
TCF7
ORBA1
DEFB133
CD22
FCER2
CD180
day -1
day 2
day 4
day 6
day 7.5
fold-change (log2)
6
4
2
0
-2
unresponsive v208
TLR6
CNTLN
KIAA0825
BAZ2B
C6orf163
CCDC18
KATNBL1
TTC14
NFE2L2
LDHAL6B
CNTNAP3B
CNTNAP3
ADAM20
PGBD4
TAS2R31
ZMAT1
LUC7L3
MS4A14
GPR52
TAS2R19
OR2I3
AHSP
OR51A4
PBOV1
OR10A7
SPHKAP
RPS18
ALG3
PMCH
EIF5AL1
GPR148
UGT2B11
C7orf62
PRKACG
MGAM
MME
WDFY3
VCPKMT
DMXL2
CSMD3
CSMD2
LRRK2
NLRC4
LY96
ATP2B1
CCDC88A
FAM105A
LOC643802
PDK4
CD180
MYOF
CD86
TAS2R41
IFNG
GCNT4
TIMM22
COX8A
SPN
KIR2DL1
NKG7
KIR3DL2
KIR2DL2
KIR2DL3
KIR2DS4
KIR2DS3
KIR2DS2
KIR3DL1
HCST
KIR2DS1
CX3CR1
CTSW
GZMB
SLCO4C1
SEPT1
KIR3DL3
CDK2AP2
COPE
GZMA
KLRD1
GBP4
TGFBR3
GPR56
PRF1
GZMH
FGFBP2
KIR3DS1
TNF
TNF
TNF
TNF
TNF
TNF
TNF
TNF
HIST1H1B
HIST1H2BM
KIR2DL5B
HLA-DRB5
PTPLAD1
OR10I2
day -1
day 2
day 6
day 8
day 9.5
unresponsive v020
LY6G5B
LY6G5B
LY6G5B
LY6G5B
LY6G5B
LY6G5B
FAM157B
TTC14
ARL17A
VNN3
VNN3
ABCA5
CLK1
CLK1
RSRP1
CLK4
PLGLB1
PLGLB1
OR52K2
LOC643802
CCR3
FLJ45513
NFE2L2
OCLM
LIPN
ERV3-1
CXorf65
ZMAT1
CLEC12B
TAS2R20
GPR52
TRPM6
TAS2R19
TAS2R50
GRAMD1C
IL1R2
TAS2R13
TAS2R46
TMEM14E
OR5V1
RPIA
RNF182
GZMB
FGFBP2
GNLY
KLRC1
KLRC3
KLRC2
IL18RAP
KLRD1
KLRF1
DUSP1
PI3
EPSTI1
LAP3
GBP3
STAT1
MYOF
WARS
CD274
TIFA
GCH1
SLAMF8
TLR7
CXCL9
TNF
HLA-DQA2
CCR7
P2RY14
CD180
PDK4
STAT2
IFI44L
GBP2
TNFSF10
CARD17
OR1G1
ADAM20P1
SRRM5
TAS2R16
OR4K5
SCP2D1
OR10A2
MMP8
SPANXN2
TAS2R40
SPANXN3
SLITRK1
LOC100130705
ETV7
APOL3
OR4C11
GBP1
GBP5
FCGR1B
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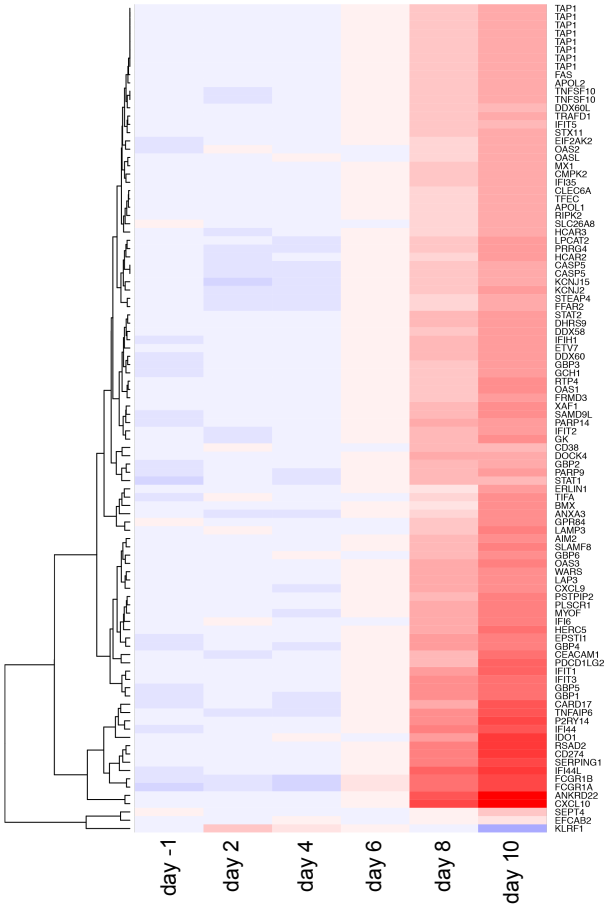
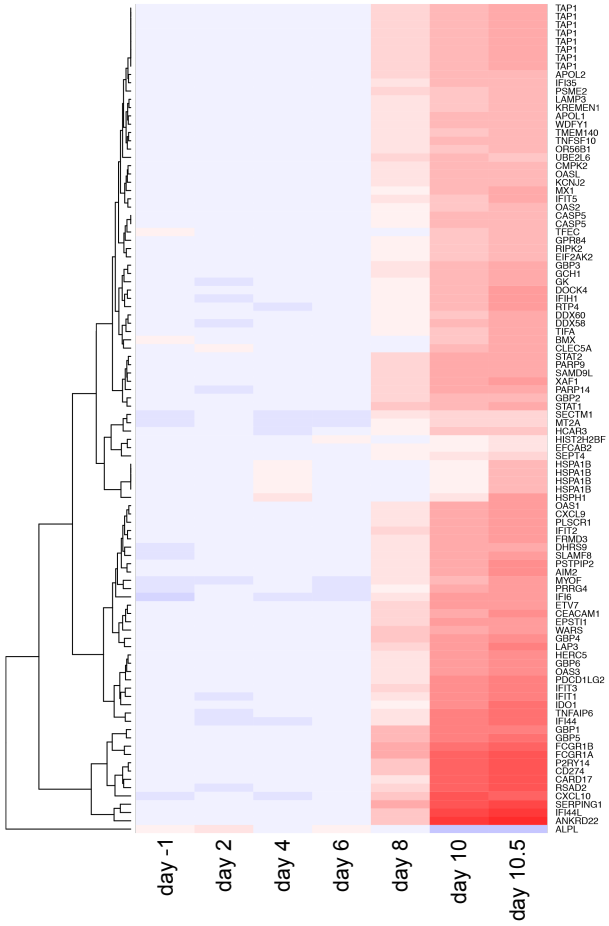
GBP4
SERPING1
CXCL10
day -1
day 2
day 4
day 6
day 8
day 9

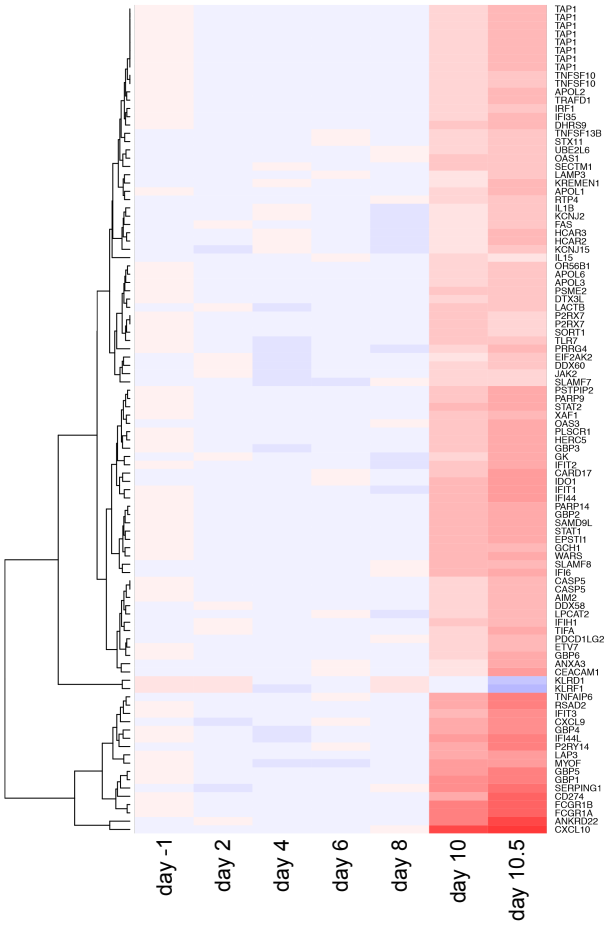
inflammatory **v016**



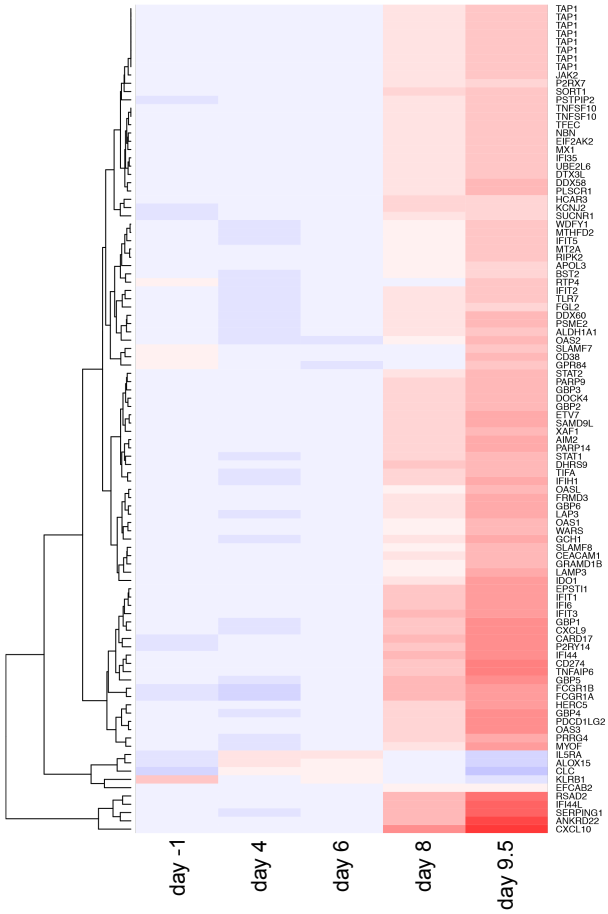
inflammatory **v017**

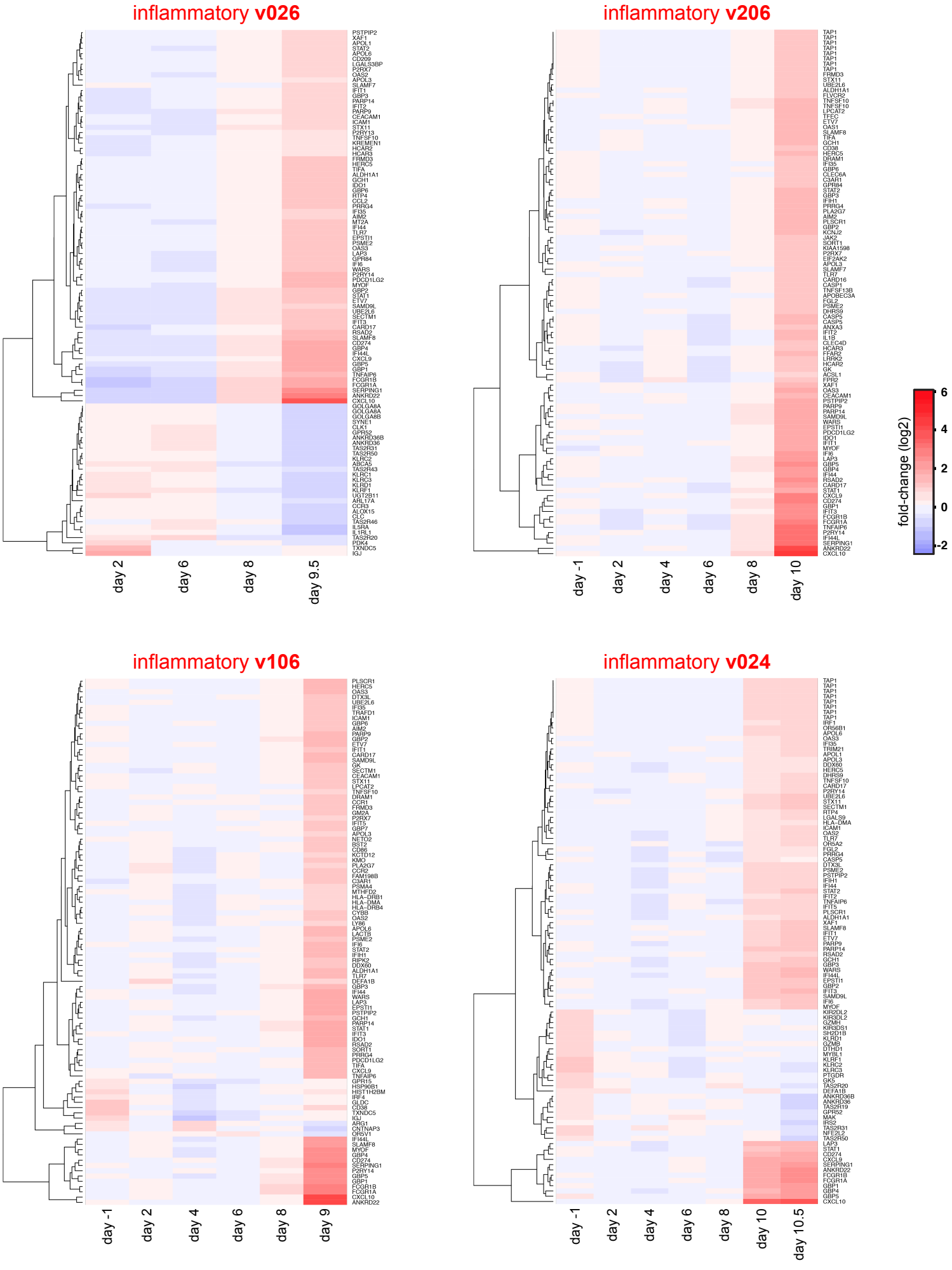


inflammatory **v013**



inflammatory **v027**

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APOL1
STAT2
APOL6
CD209
LGALS3BP
P2RX7
OAS2
APOL3
SLAMF7
IFIT1
GBP3
PARP14
IFIT2
PARP9
CEACAM1
ICAM1
STX11
P2RY13
TNFSF10
KREMEN1
HCAR2
HCAR3
FRMD3
HERC5
TIFA
ALDH1A1
GCH1
IDO1
GBP6
RTP4
CCL2
PRRG4
IFI35
AIM2
MT2A
IFI44
TLR7
EPSTI1
PSME2
OAS3
LAP3
GPR84
IFI6
WARS
P2RY14
PDCD1LG2
MYOF
GBP2
STAT1
ETV7
SAMD9L
UBE2L6
SECTM1
IFIT3
CARD17
RSAD2
SLAMF8
CD274
GBP4
IFI44L
CXCL9
GBP5
GBP1
TNFAIP6
FCGR1B
FCGR1A
SERPING1
ANKRD22
CXCL10
GOLGA8A
GOLGA8A
GOLGA8B
SYNE1
CLK1
GPR52
ANKRD36B
ANKRD36
TAS2R31
TAS2R50
KLRC2
ABCA5
TAS2R43
KLRC1
KLRC3
KLRD1
KLRF1
UGT2B11
ARL17A
CCR3
ALOX15
CLC
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IL5RA
IL1RL1
TAS2R20
PDK4
TXNDC5
IGJ
day 2
day 6
day 8
day 9.5
inflammatory v206
TAP1
TAP1
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TAP1
TAP1
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TNFSF10
TNFSF10
LPCAT2
TFEC
ETV7
OAS1
SLAMF8
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C3AR1
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STAT2
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PRRG4
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AIM2
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GBP2
KCNJ2
JAK2
SORT1
KIAA1598
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EIF2AK2
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SLAMF7
TLR7
CARD16
CASP1
TNFSF13B
APOBEC3A
FGL2
PSME2
DHRS9
CASP5
CASP5
ANXA3
IFIT2
IL1B
CLEC4D
HCAR3
FFAR2
LRRK2
HCAR2
GK
ACSL1
FPR2
XAF1
OAS3
CEACAM1
PSTPIP2
PARP9
PARP14
SAMD9L
WARS
EPSTI1
PDCD1LG2
IDO1
IFIT1
MYOF
IFI6
LAP3
GBP5
GBP4
IFI44
RSAD2
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IFIT3
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FCGR1A
TNFAIP6
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IFI44L
SERPING1
ANKRD22
CXCL10
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day 4
day 6
day 8
day 10
fold-change (log2)
6
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-2
inflammatory v106
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AIM2
PARP9
GBP2
ETV7
IFIT1
CARD17
SAMD9L
GK
SECTM1
CEACAM1
STX11
LPCAT2
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CCR1
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GBP7
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BST2
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KMO
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MTHFD2
HLA-DRB1
HLA-DMA
HLA-DRB4
CYBB
OAS2
LY86
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LACTB
PSME2
IFI6
STAT2
IFIH1
RIPK2
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TLR7
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WARS
LAP3
EPSTI1
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CXCL9
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OR5V1
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SLAMF8
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P2RY14
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GBP1
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FCGR1A
CXCL10
ANKRD22
day -1
day 2
day 4
day 6
day 8
day 9
inflammatory v024
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TAP1
TAP1
TAP1
TAP1
TAP1
TAP1
IRF1
OR56B1
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OAS3
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TRIM21
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APOL3
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HERC5
DHRS9
TNFSF10
CARD17
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UBE2L6
STX11
SECTM1
RTP4
LGALS9
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FGL2
PRRG4
CASP5
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IFIT2
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IFIT5
PLSCR1
ALDH1A1
XAF1
SLAMF8
IFIT1
ETV7
PARP9
PARP14
RSAD2
GCH1
GBP3
WARS
IFI44L
EPSTI1
GBP2
IFIT3
SAMD9L
IFI6
MYOF
KIR2DL2
KIR3DL2
GZMH
KIR3DS1
SH2D1B
KLRD1
GZMB
DTHD1
MYBL1
KLRF1
KLRC2
KLRC3
PTGDR
GK5
TAS2R20
DEFA1B
ANKRD36B
ANKRD36
TAS2R19
GPR52
MAK
IRS2
TAS2R31
NFE2L2
TAS2R50
LAP3
STAT1
CD274
CXCL9
SERPING1
ANKRD22
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FCGR1A
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GBP4
GBP5
CXCL10
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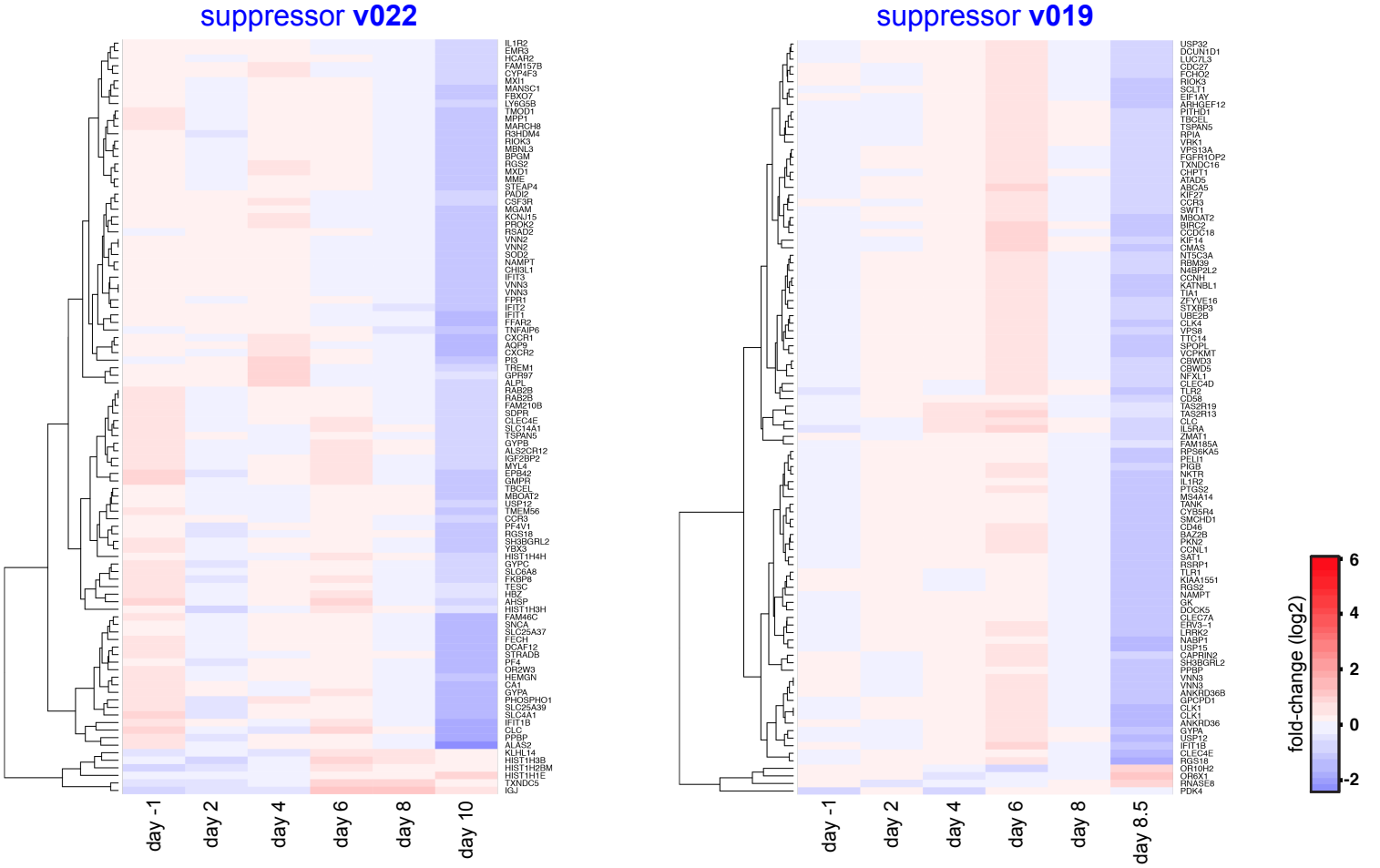
day 4
day 6
day 8
day 10
day 10.5


suppressor v022
IL1R2
EMR3
HCAR2
FAM157B
CYP4F3
MXI1
MANSC1
FBXO7
LY6G6B
TMOD1
MPP1
MARCH8
R3HDM4
RIOK3
MBNL3
BPGM
RGS2
MXD1
MME
STEAP4
PADI2
CSF3R
MGAM
KCNJ15
PROK2
RSAD2
VNN2
VNN2
SOD2
NAMPT
CHI3L1
IFIT3
VNN3
FPR1
IFIT2
IFIT1
FFAR2
TNFAIP6
CXCR1
AQP9
CXCR2
PI3
TREM1
GPR97
ALPL
RAB2B
RAB2B
FAM210B
SQRDL
CLEC4E
SLC14A1
TSPAN5
GYPB
ALS2CR12
IGF2BP2
MYL4
EPB42
GMPR
TRCEL
MBOAT2
USP12
TMEM56
CCR3
PF4V1
RGS18
SH3BGRL2
YBX3
HIST1H4H
GYPC
SLC6A8
FKBP8
TESC
HBZ
AHSP
HIST1H3H
FAM46C
SNCA
SLC25A37
FECH
DCAF12
STRADB
PF4
OR2W3
HEMGN
CA1
GYPA
PHOSPHO1
SLC25A39
SLC4A1
IFIT1B
CLC
PPBP
ALAS2
KLHL14
HIST1H3B
HIST1H2BM
HIST1H1E
TXNDC5
IGJ
day -1
day 2
day 4
day 6
day 8
day 10
suppressor v019
USP32
DCUN1D1
LUC7L3
CDC27
FCHO2
RIOK3
SCLT1
EIF1AY
ARHGEF12
PITHD1
TRCEL
TSPAN5
RPIA
VRK1
VPS13A
FGFR1OP2
TXNDC16
CHPT1
ATAD5
ABCA5
KIF27
CCR3
SWT1
MBOAT2
BIRC2
CCDC18
KIF14
CMAS
NT5C3A
RBM39
N4BP2L2
CCNH
KATNBL1
TIA1
ZFYVE16
STXBP3
UBE2B
CLK4
VPS8
TTC14
SPCS1
VOPKMT
CBWD3
CBWD5
NFXL1
CLEC4D
TLR2
CD58
TAS2R19
TAS2R13
CLC
ILSRA
ZMAT1
FAM185A
RPS6KA5
PELI1
PIGB
NKTR
IL1R2
PTGS2
MS4A14
TANK
CYB5R4
SMCHD1
CD46
BAZ2B
PKN2
CCNL1
SAT1
RSRP1
TLR1
KIAA1551
RGS2
NAMPT
GK
DOCK5
CLEC7A
ERVS-1
LRRK2
NABP1
USP15
CAPRIN2
SH3BGRL2
PPBP
VNN3
VNN3
ANKRD36B
GPCPD1
CLK1
CLK1
ANKRD36
GYPA
USP12
IFIT1B
CLEC4E
RGS18
OR10H2
OR6X1
RNASE8
PDK4
day -1
day 2
day 4
day 6
day 8
day 8.5
fold-change (log2)
6
4
2
0
-2