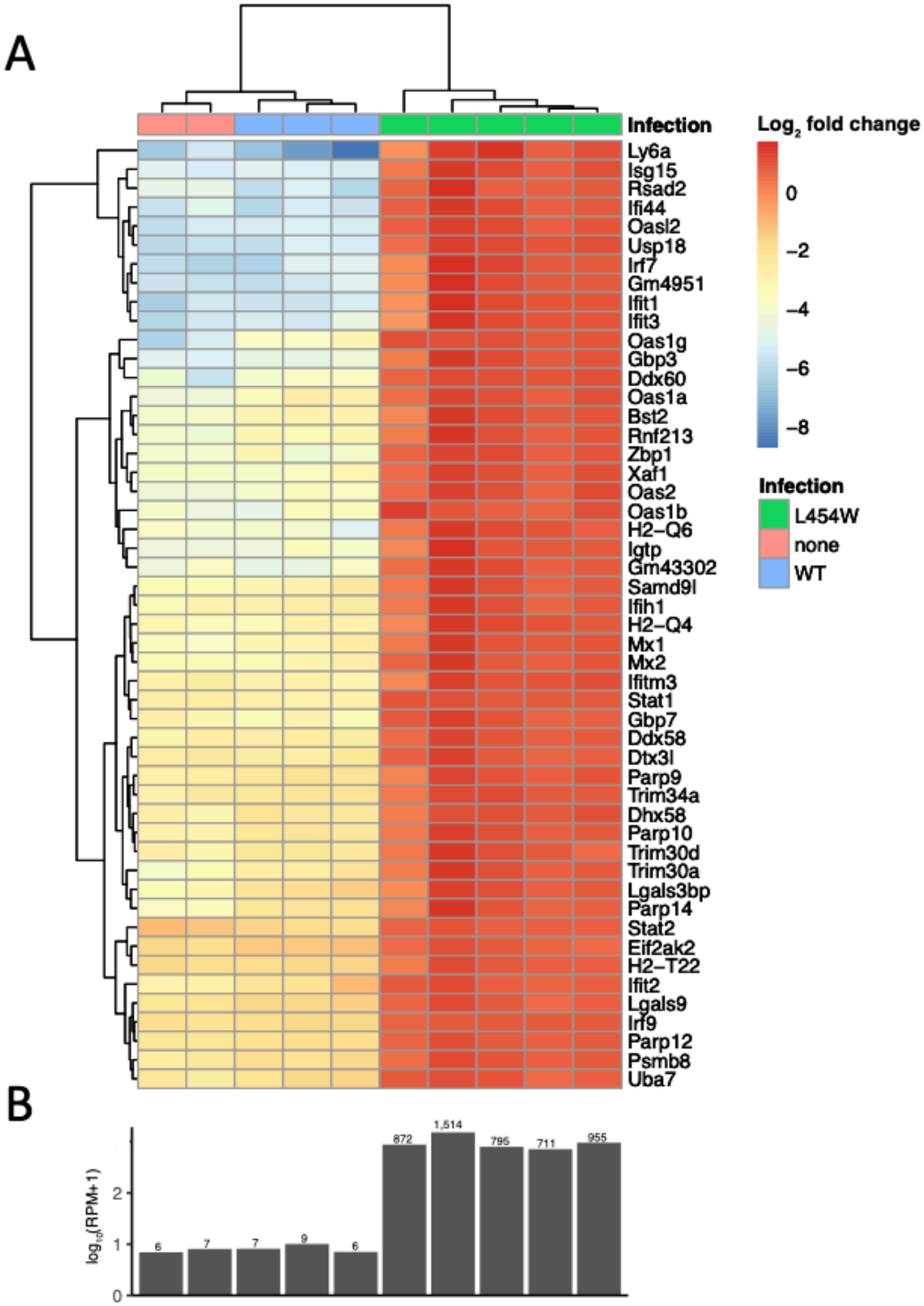
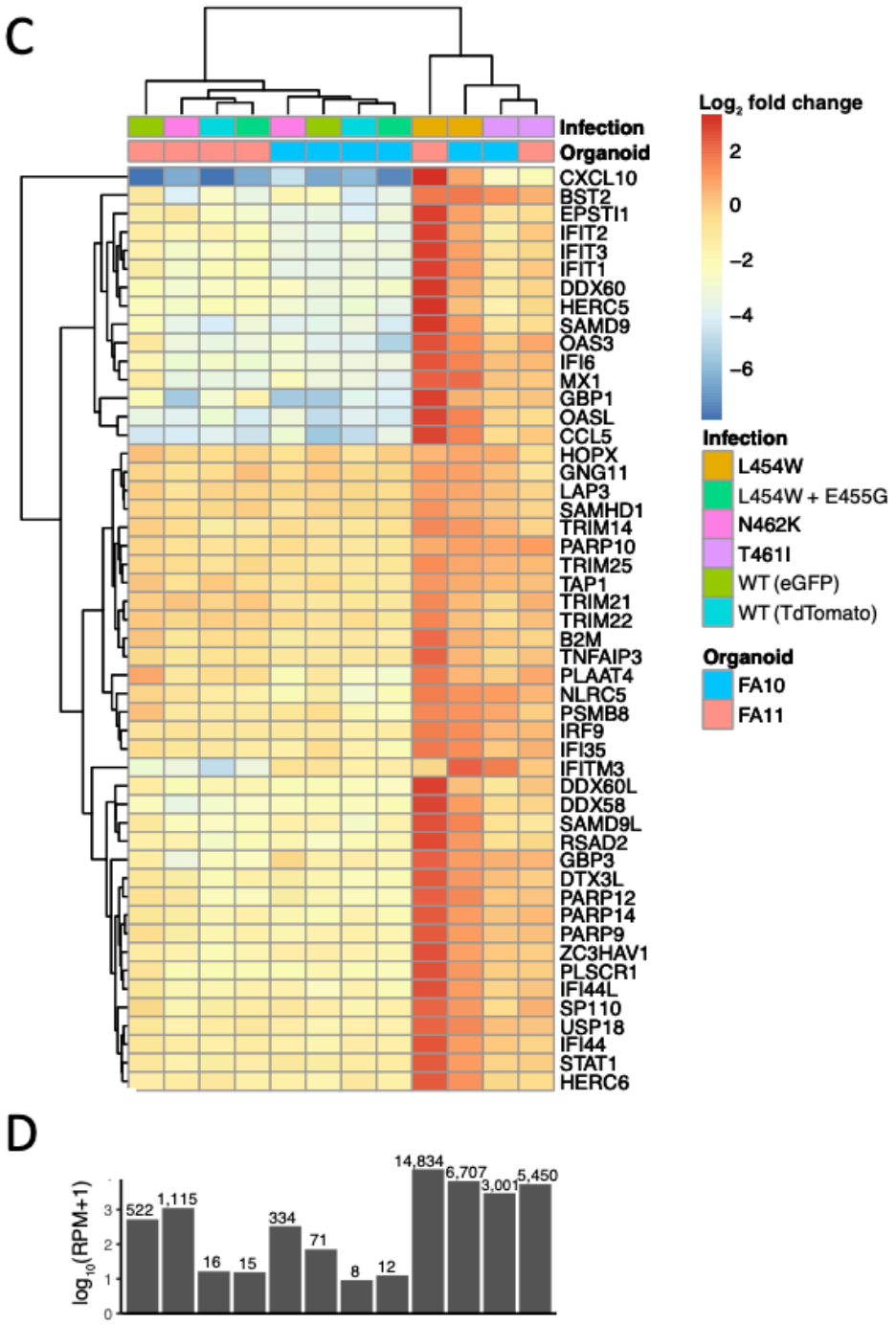

A
Infection
Log2 fold change
0
−2
−4
−6
−8
Infection
L454W
none
WT
Ly6a
Isg15
Rsad2
Ifi44
Oasl2
Usp18
Irf7
Gm4951
Ifit1
Ifit3
Oas1g
Gbp3
Ddx60
Oas1a
Bst2
Rnf213
Zbp1
Xaf1
Oas2
Oas1b
H2−Q6
Igtp
Gm43302
Samd9l
Ifih1
H2−Q4
Mx1
Mx2
Ifitm3
Stat1
Gbp7
Ddx58
Dtx3l
Parp9
Trim34a
Dhx58
Parp10
Trim30d
Trim30a
Lgals3bp
Parp14
Stat2
Eif2ak2
H2−T22
Ifit2
Lgals9
Irf9
Parp12
Psmb8
Uba7
B
log10(RPM+1)
0
1
2
6
7
7
9
6
872
1,514
796
711
955


C
Infection
Organoid
Log2 fold change
2
0
−2
−4
−6
Infection
L454W
L454W + E455G
N462K
T461I
WT (eGFP)
WT (TdTomato)
Organoid
FA10
FA11
CXCL10
BST2
EPSTI1
IFIT2
IFIT3
IFIT1
DDX60
HERC5
SAMD9
OAS3
IFI6
MX1
GBP1
OASL
CCL5
HOPX
GNG11
LAP3
SAMHD1
TRIM14
PARP10
TRIM25
TAP1
TRIM21
TRIM22
B2M
TNFAIP3
PLAAT4
NLRC5
PSMB8
IRF9
IFI35
IFITM3
DDX60L
DDX58
SAMD9L
RSAD2
GBP3
DTX3L
PARP12
PARP14
PARP9
ZC3HAV1
PLSCR1
IFI44L
SP110
USP18
IFI44
STAT1
HERC6
D
log10(RPM+1)
0
1
2
3
522
1,115
16
15
334
71
8
12
14,834
6,707
3,001
5,450