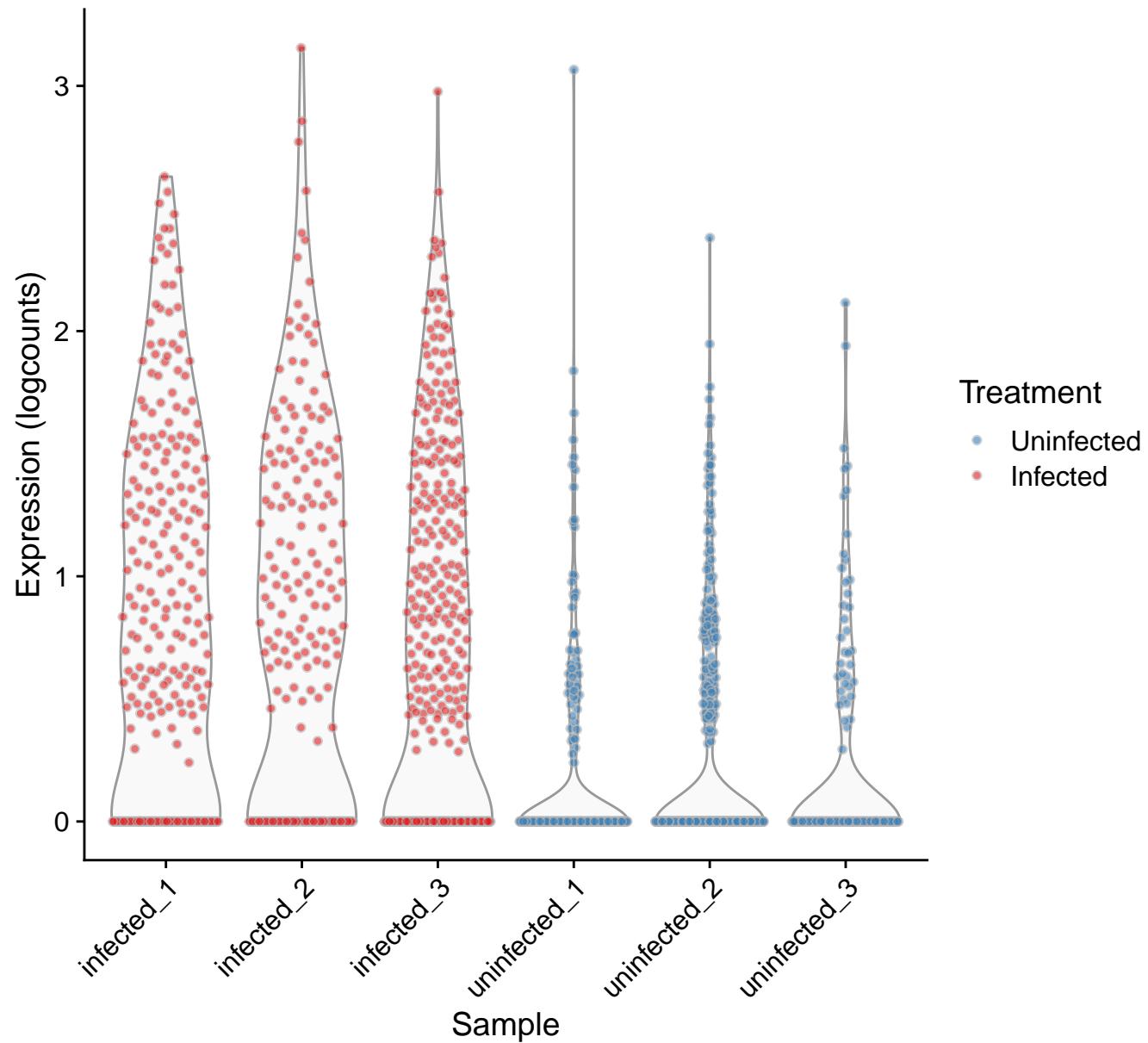


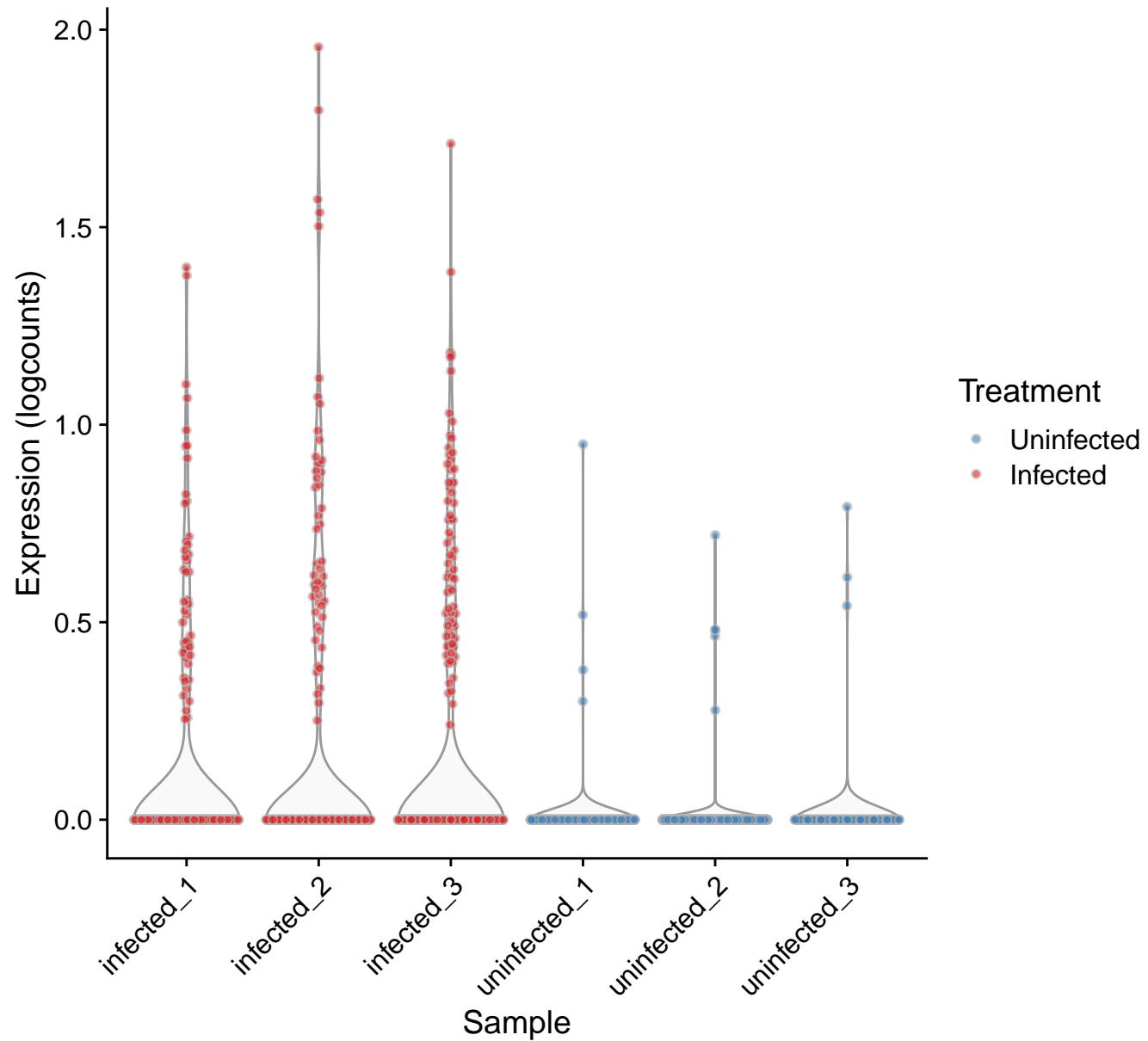
GLUL (FDR = 2e-06)

cluster_10



APBA2 (FDR = 3e-05)

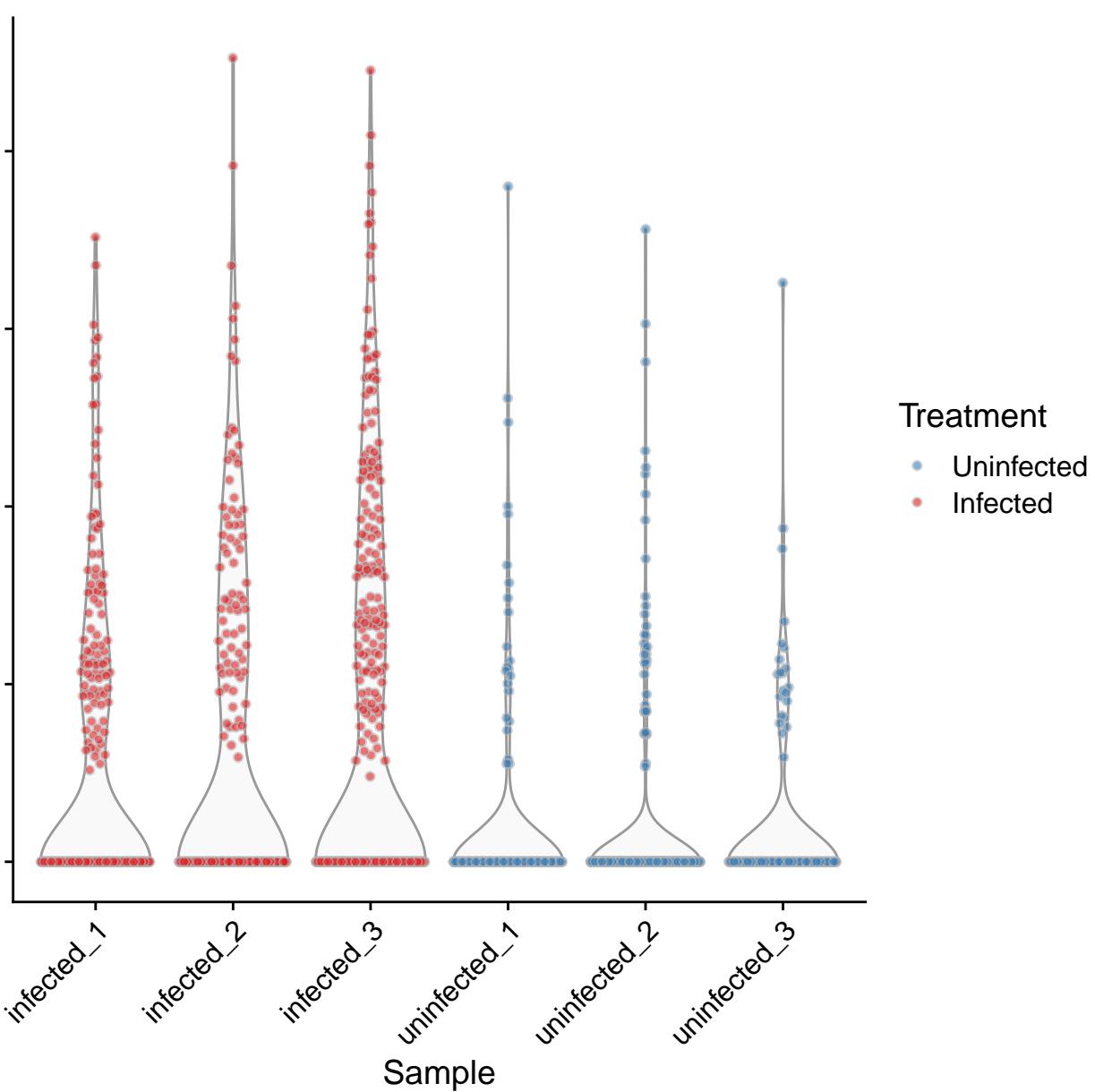
cluster_10



KIAA1324 (FDR = 8e-05)

cluster_10

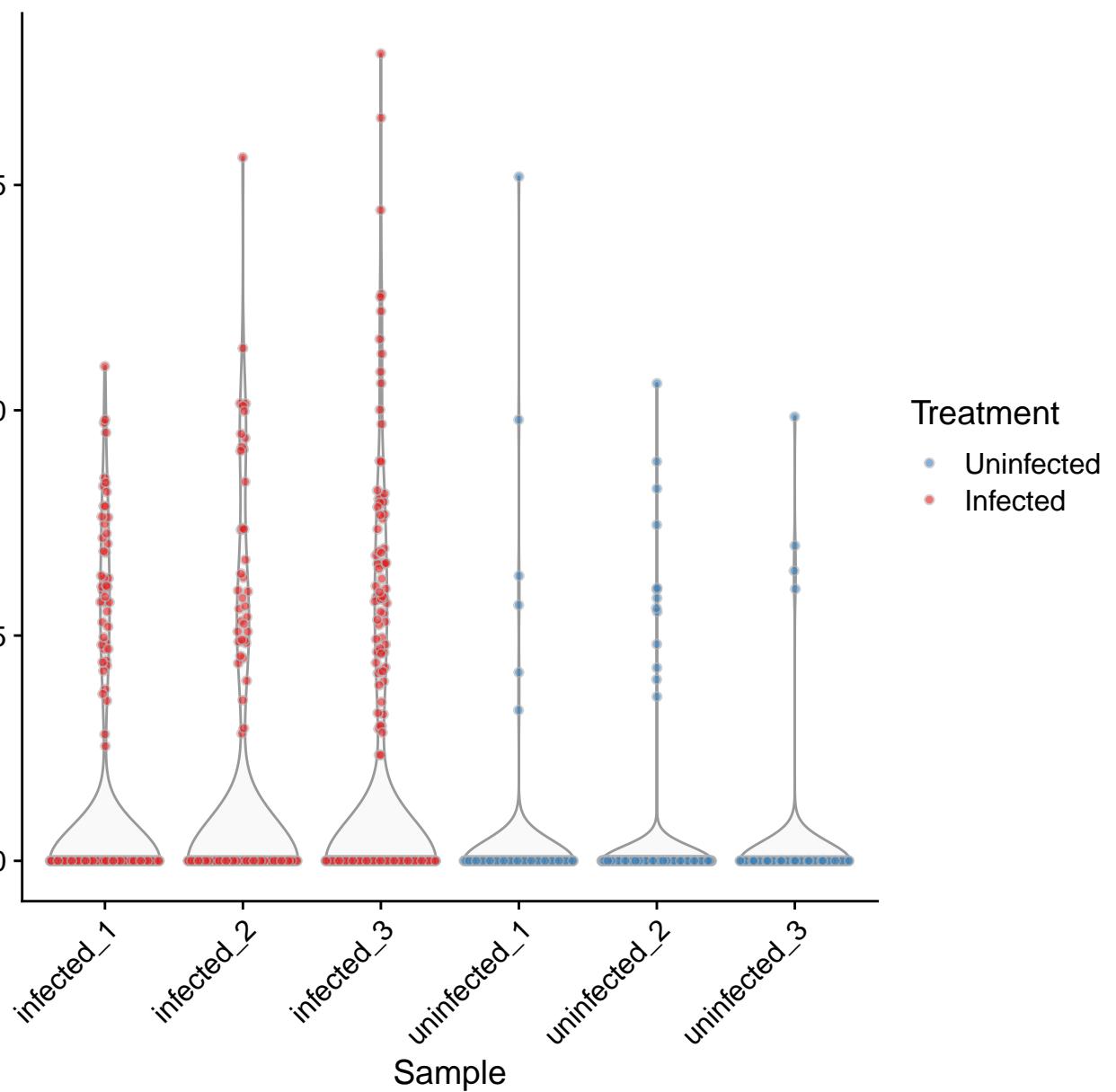
Expression (logcounts)



GLB1L2 (FDR = 8e-05)

cluster_10

Expression (logcounts)



XBP1 (FDR = 8e-05)

cluster_10

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

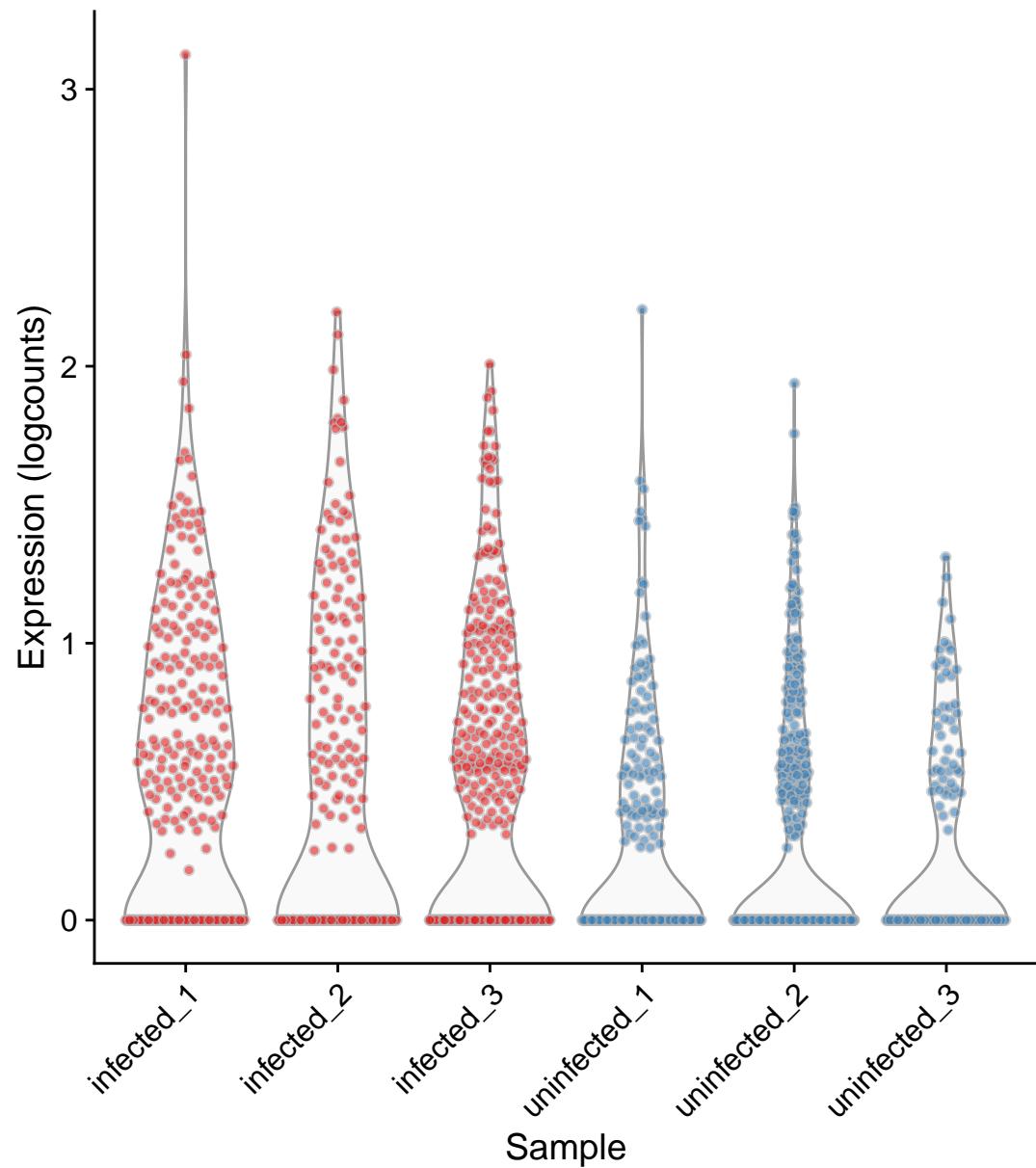
uninfected_2

uninfected_3

Sample

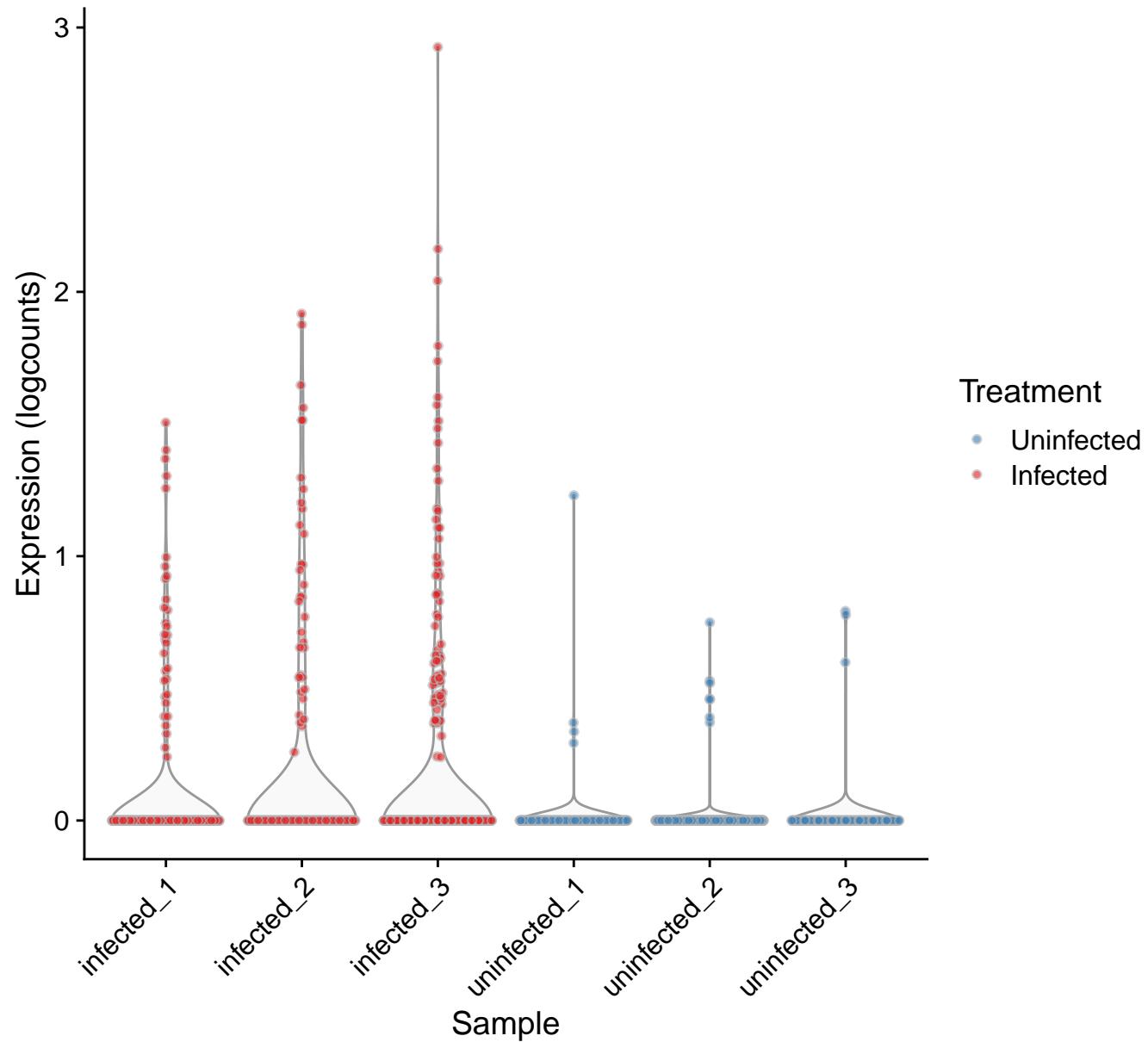
Treatment

- Uninfected
- Infected



COCH (FDR = 1e-04)

cluster_10



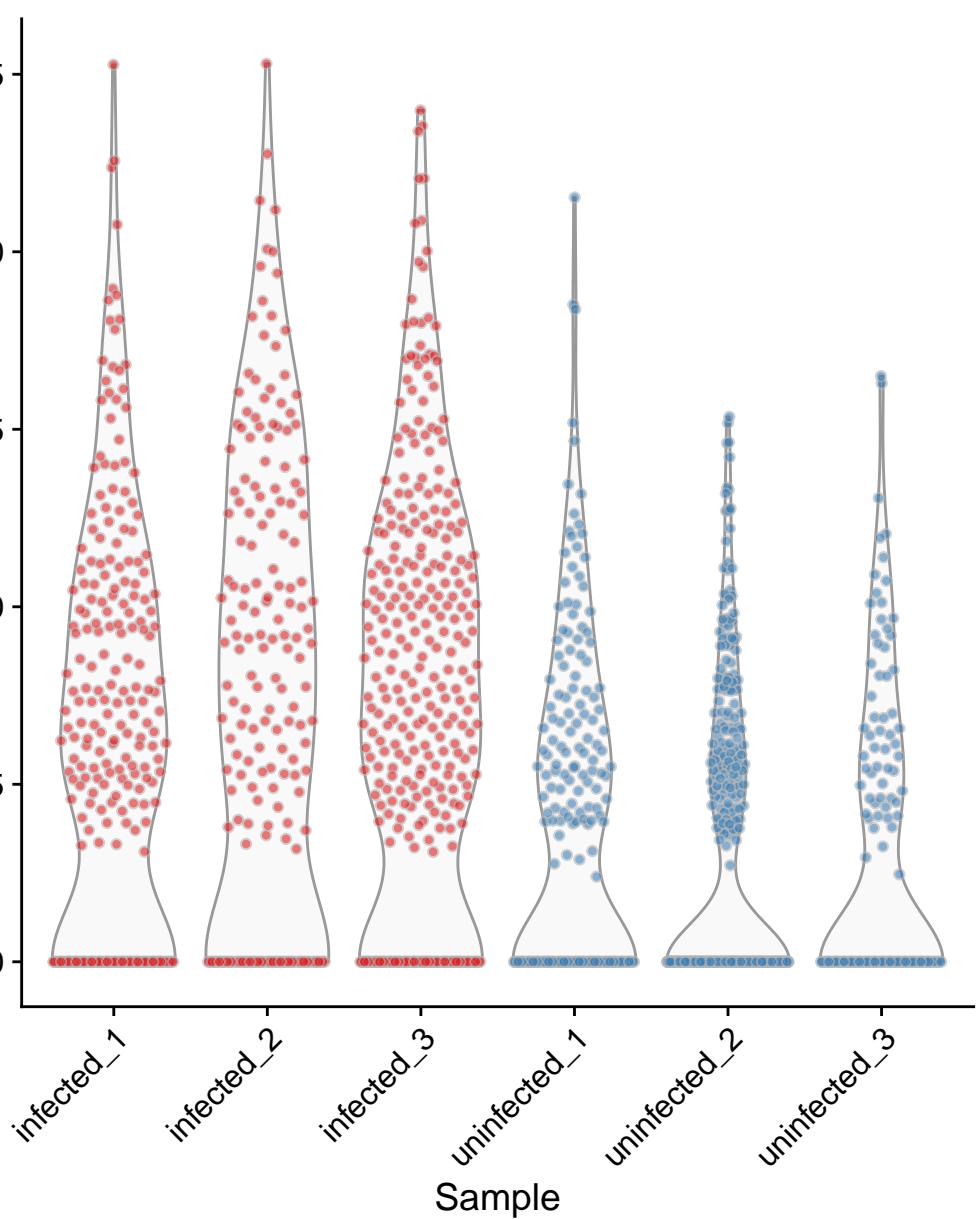
SLC25A46 (FDR = 1e-04)

cluster_10

Expression (logcounts)

Treatment

- Uninfected
- Infected



FSCN1 (FDR = 1e-04)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

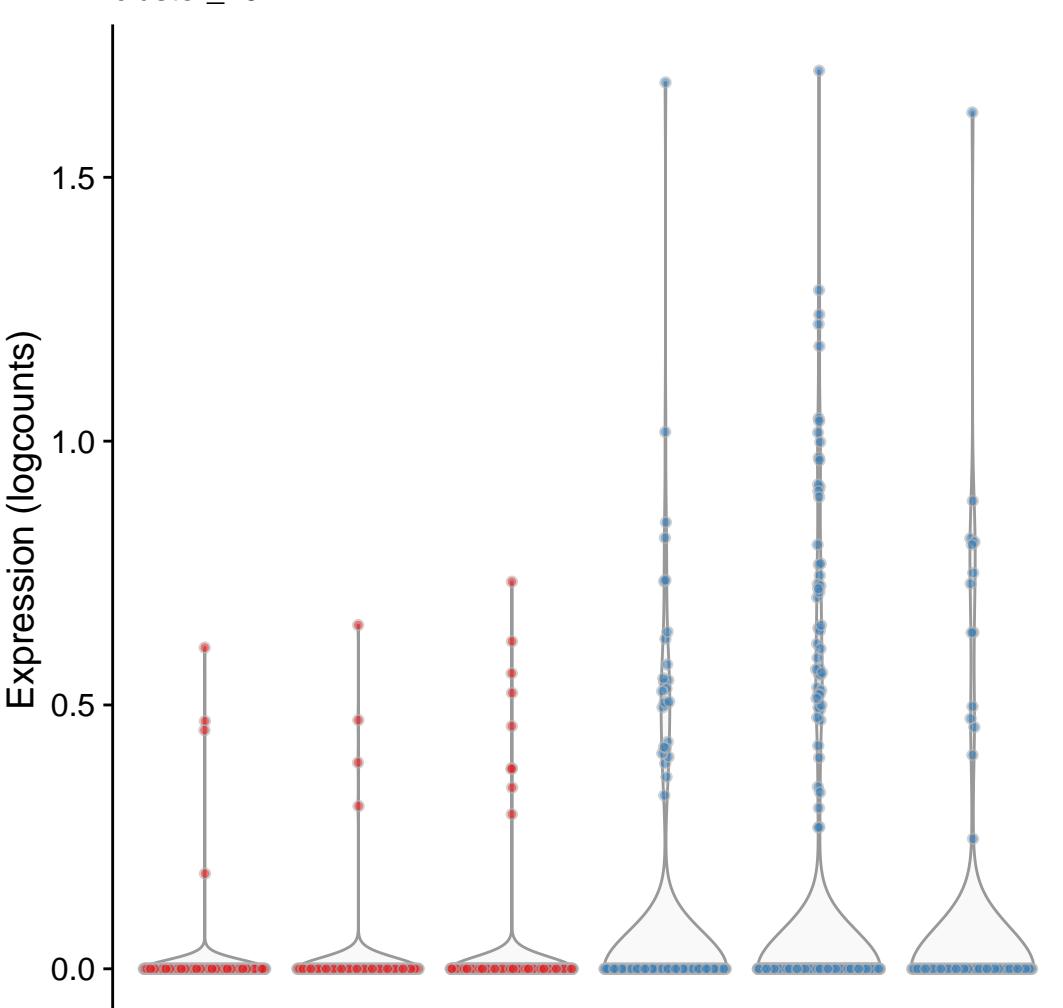
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



CHST7 (FDR = 1e-04)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample

uninfected_1

uninfected_2

uninfected_3

cluster_10

ACSL6 (FDR = 2e-04)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

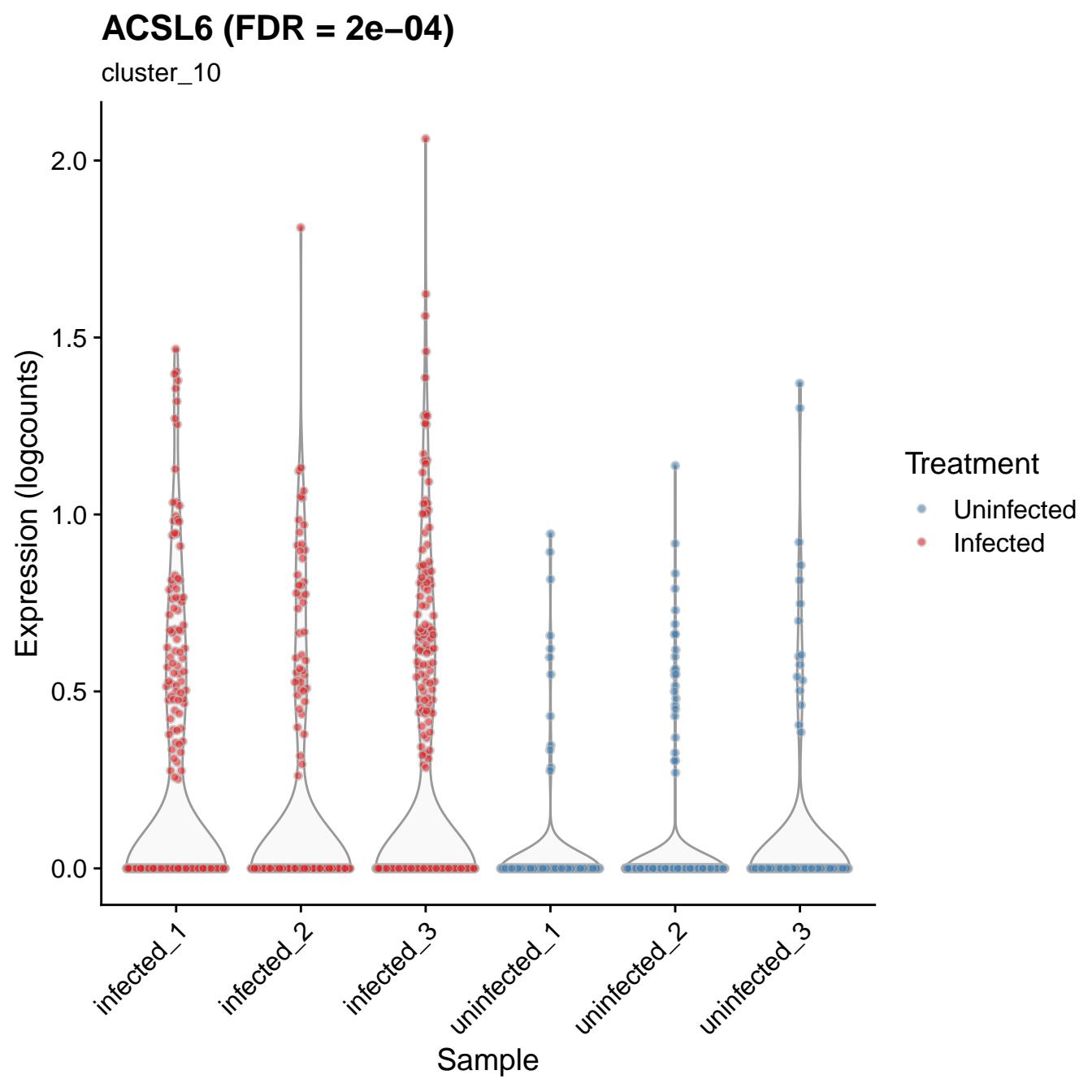
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



RASGRP4 (FDR = 2e-04)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

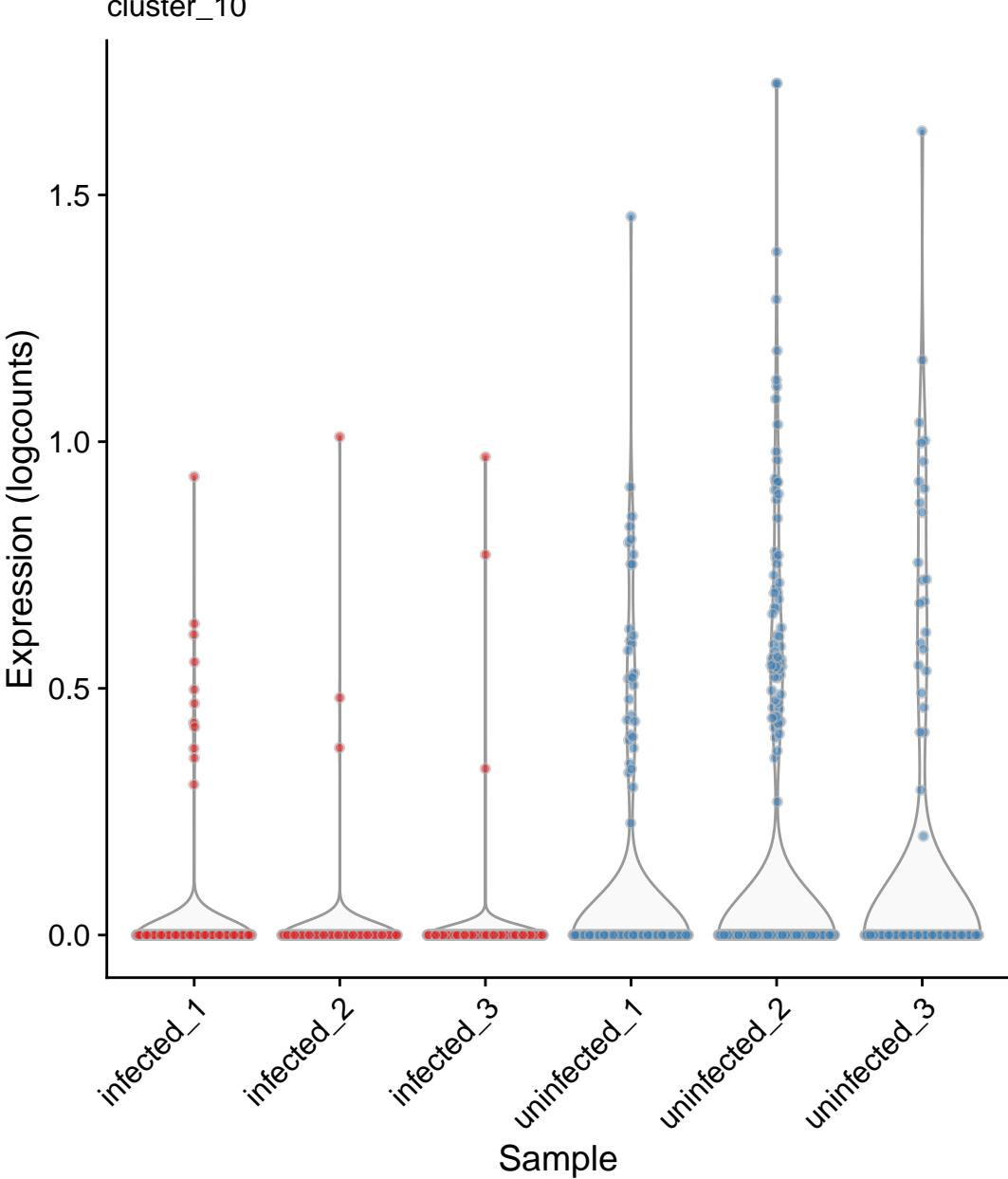
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



SMCO4 (FDR = 2e-04)

cluster_10

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected_1

infected_2

infected_3

uninfected_1

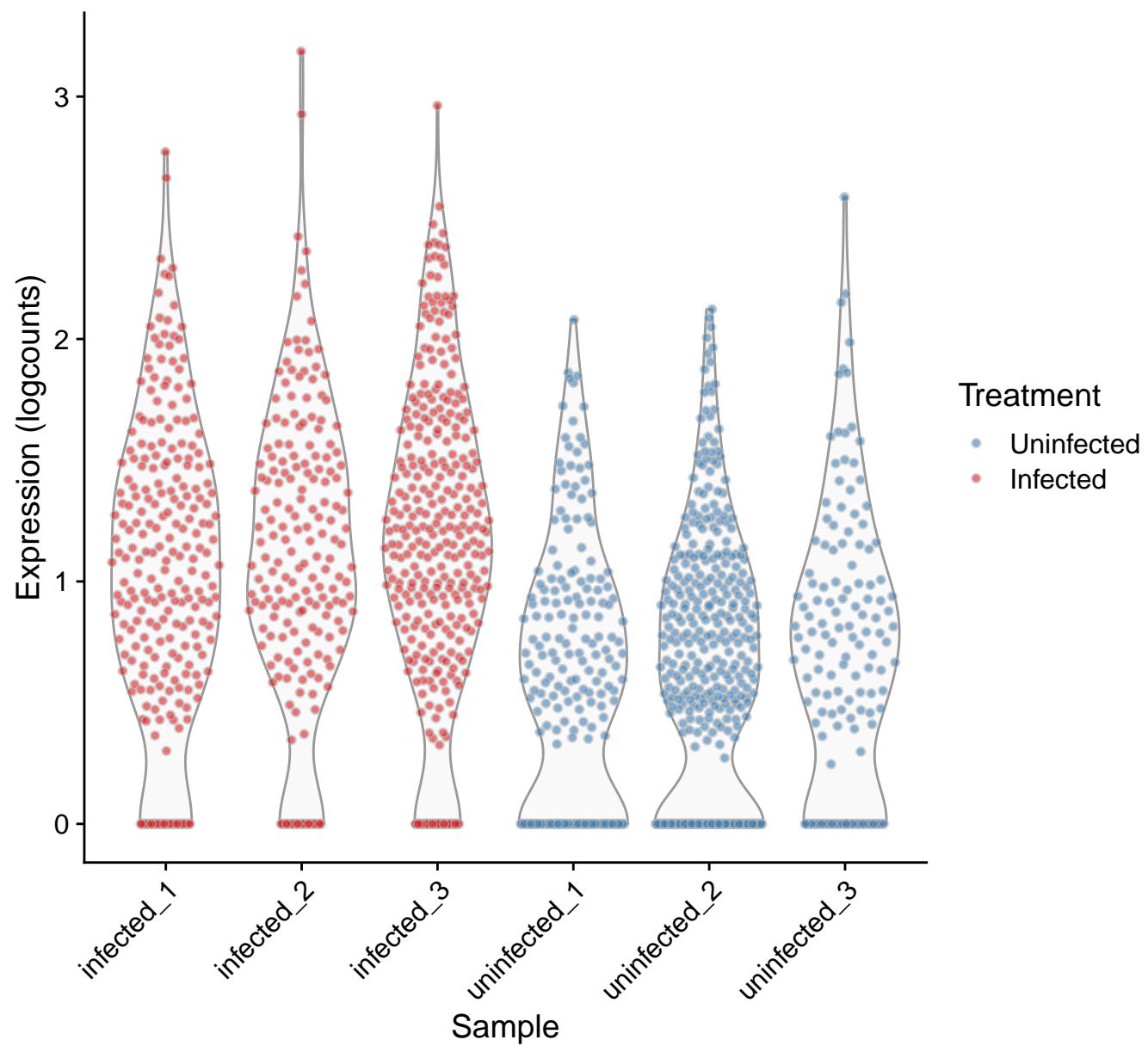
uninfected_2

uninfected_3

Sample

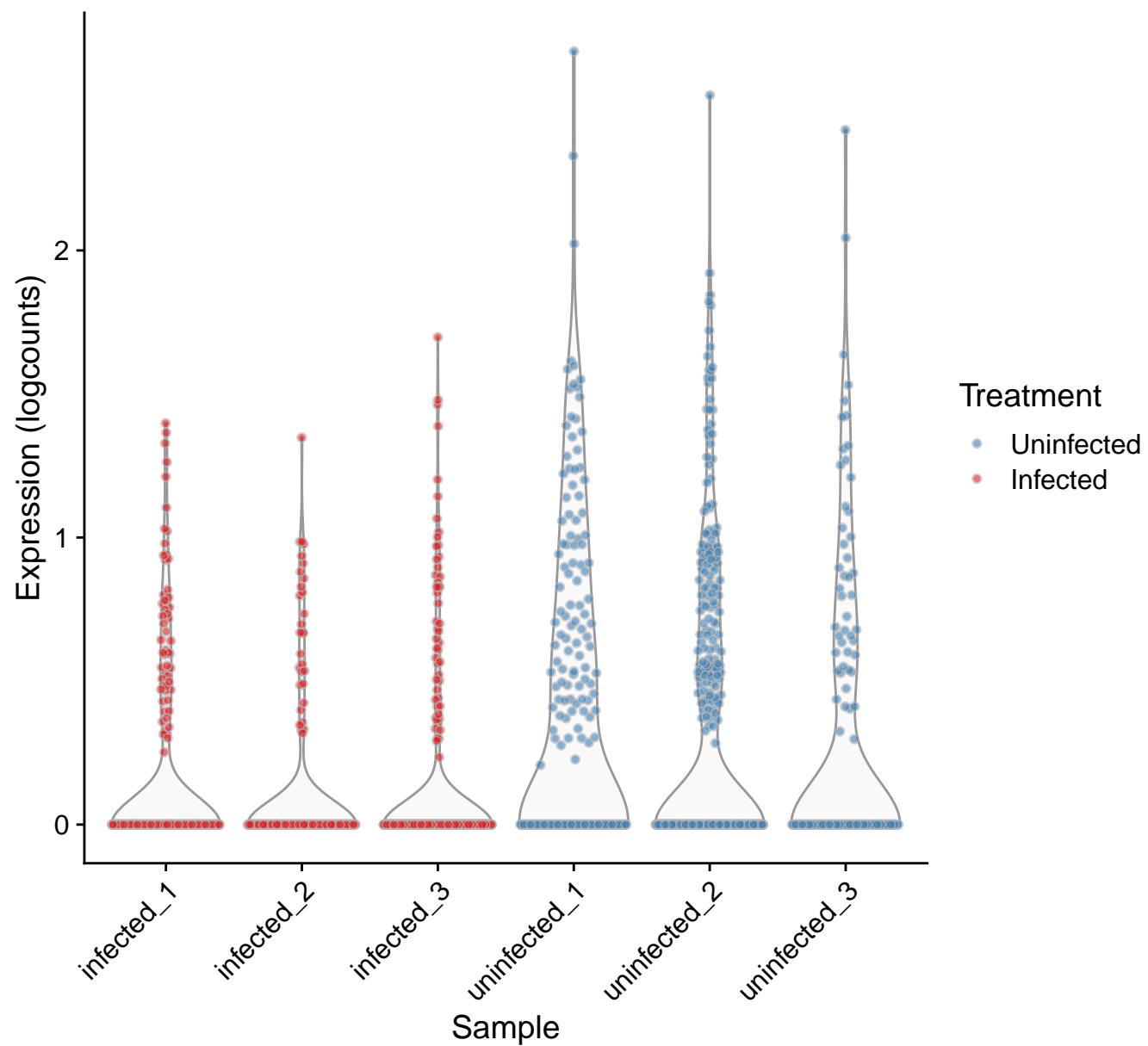
NSMCE1 (FDR = 2e-04)

cluster_10



MAF (FDR = 2e-04)

cluster_10



BATF3 (FDR = 2e-04)

cluster_10

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

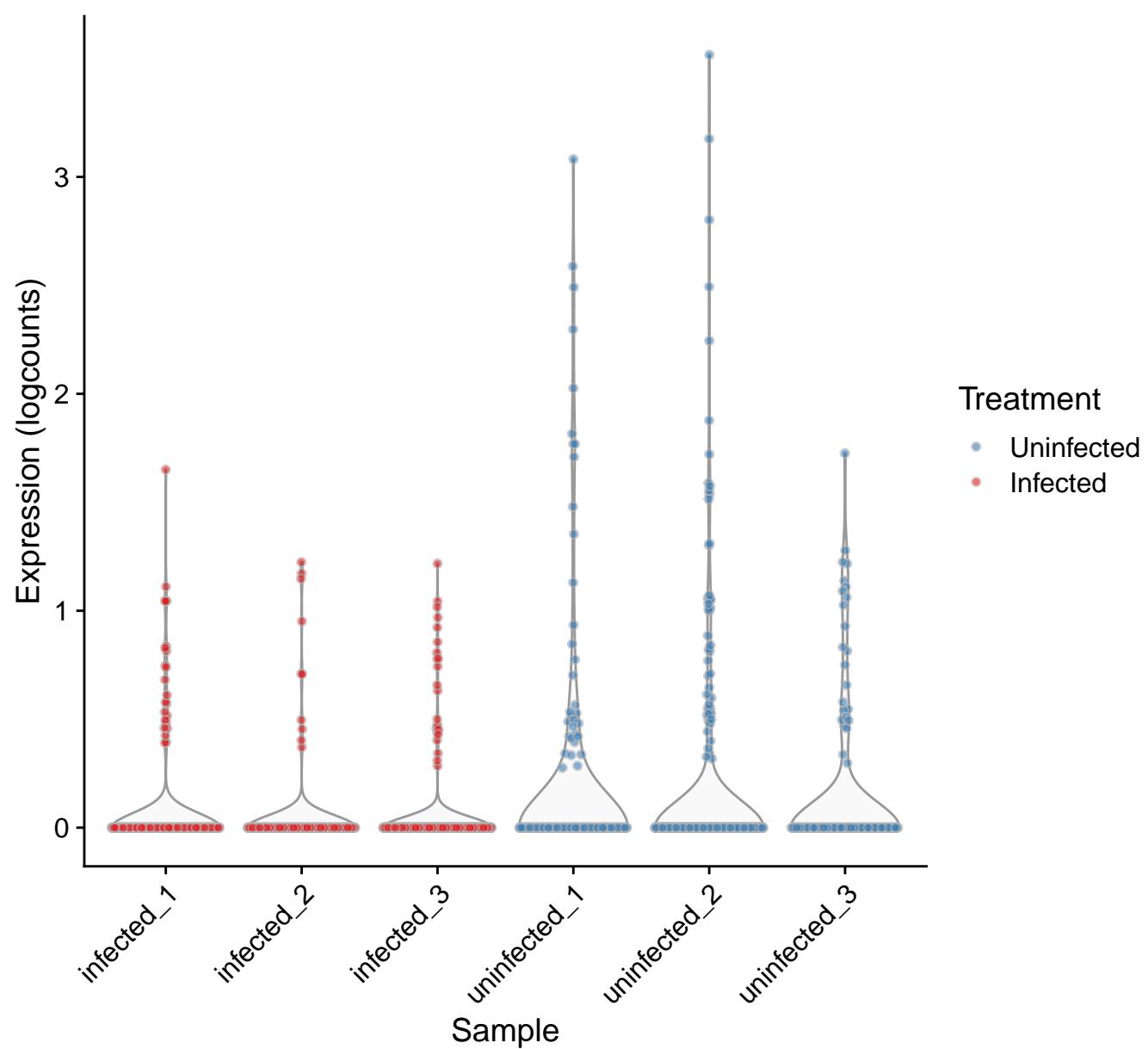
infected_3

Sample



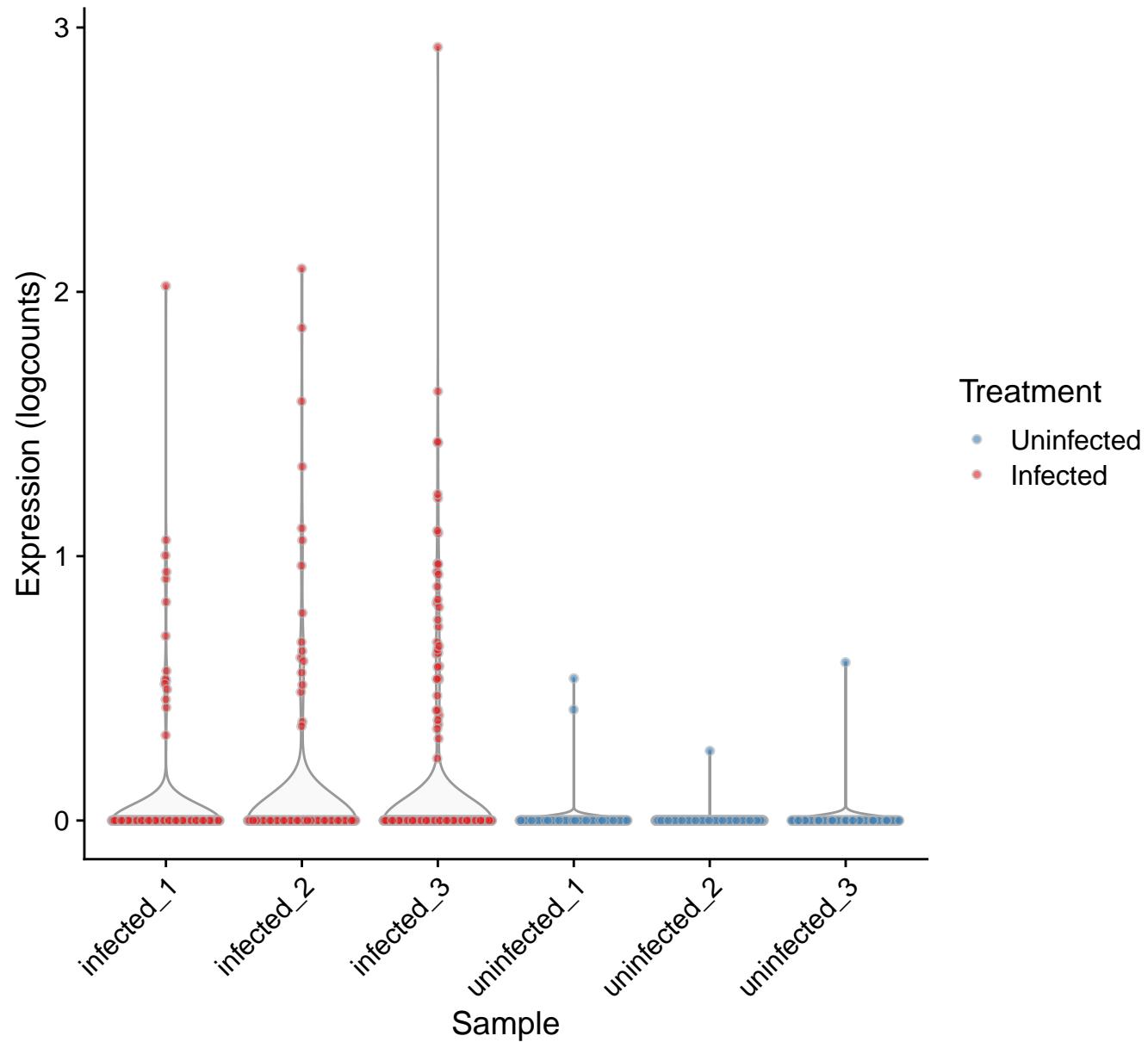
PLAC8 (FDR = 2e-04)

cluster_10



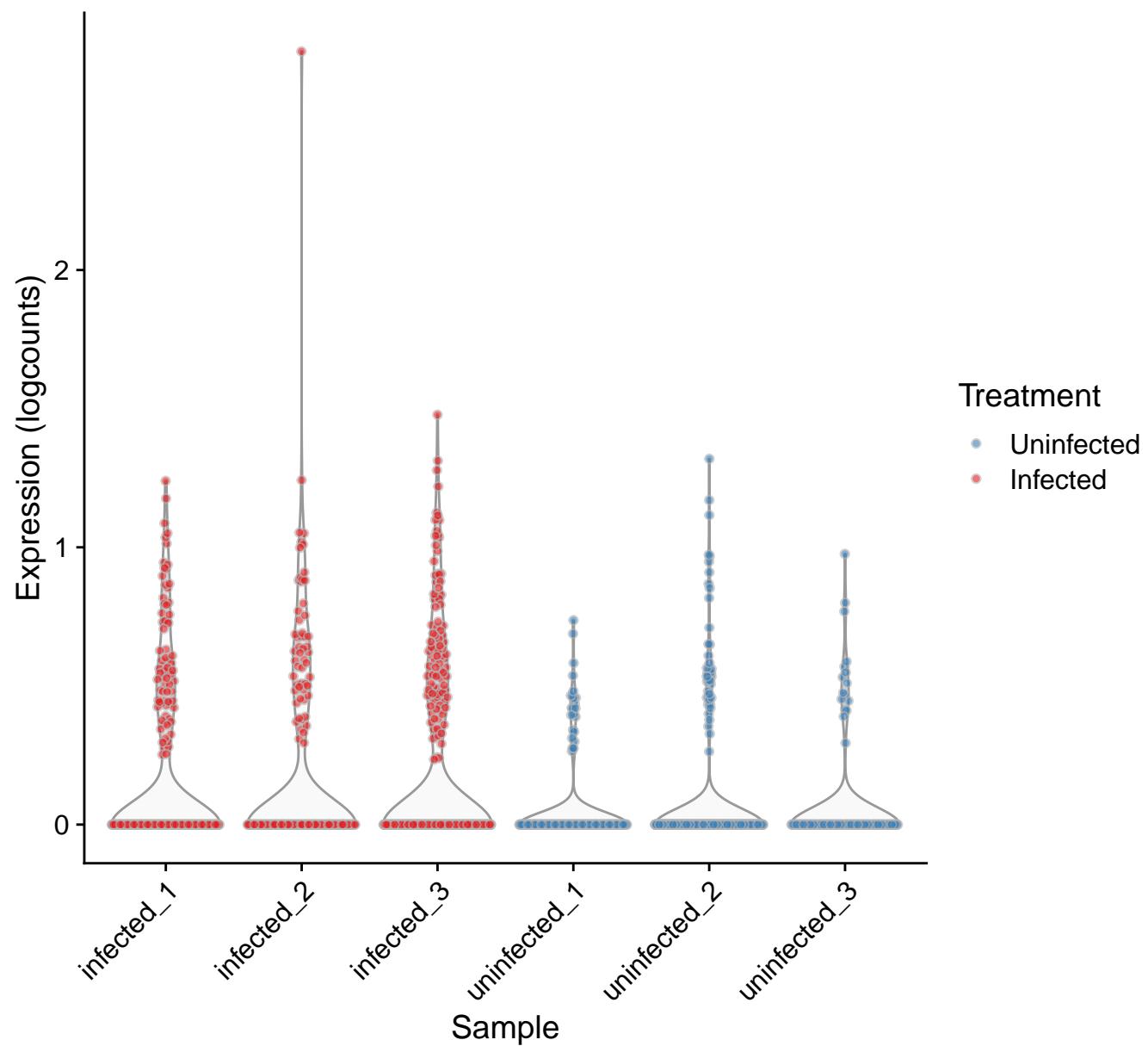
MOXD1 (FDR = 2e-04)

cluster_10



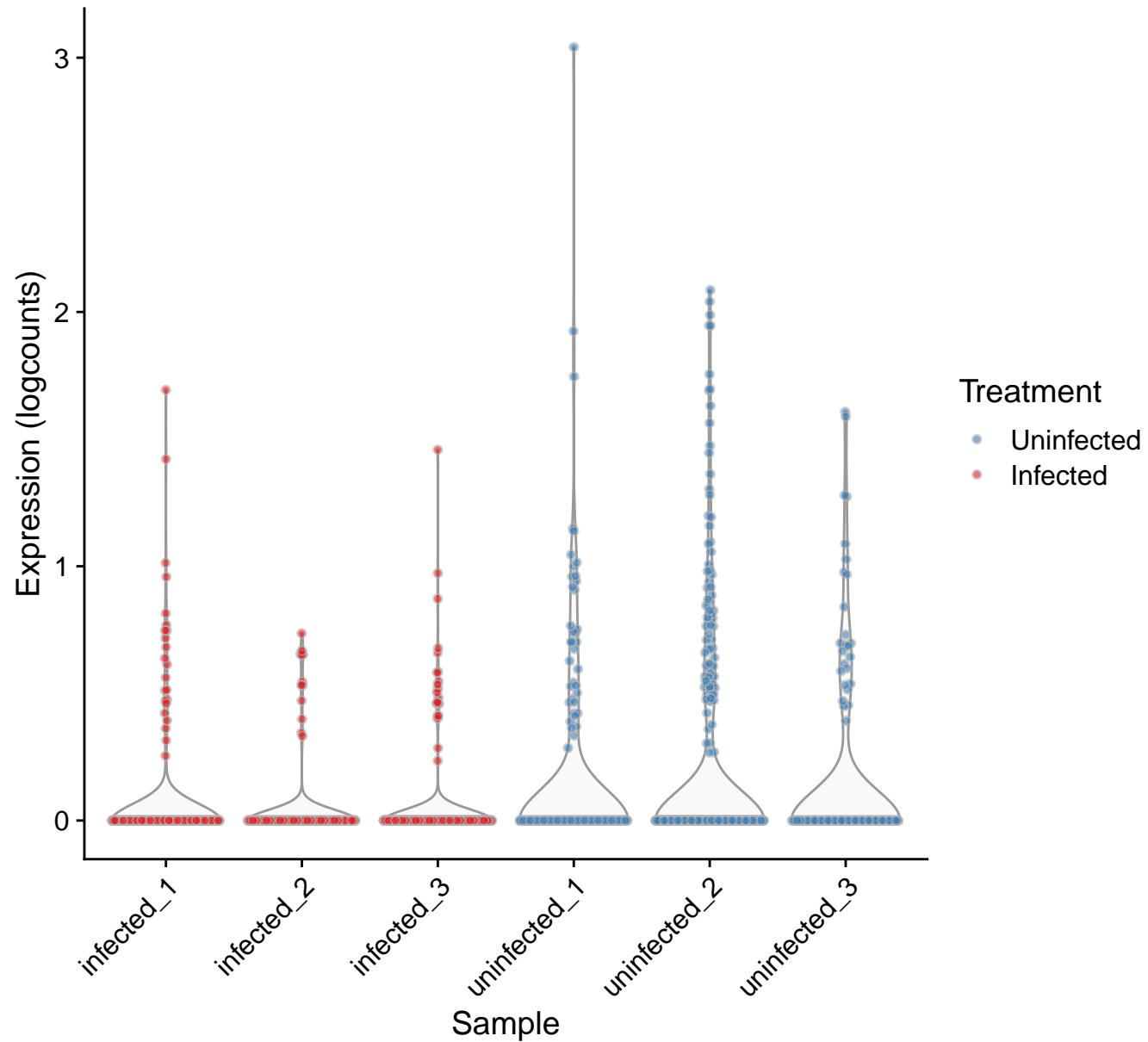
ADAP1 (FDR = 2e-04)

cluster_10



CISH (FDR = 3e-04)

cluster_10



CCDC88A (FDR = 3e-04)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

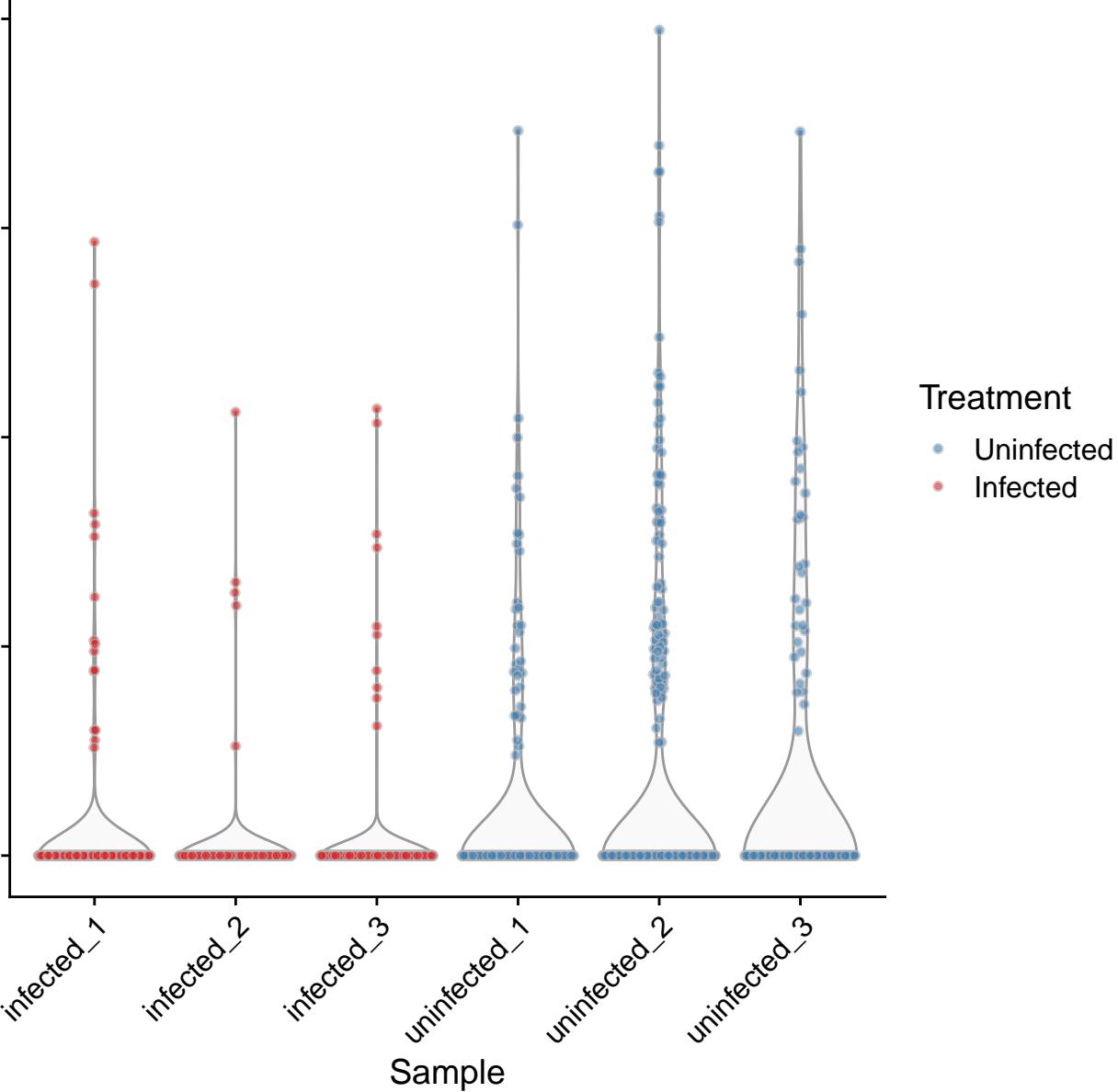
infected_3

Sample

uninfected_1

uninfected_2

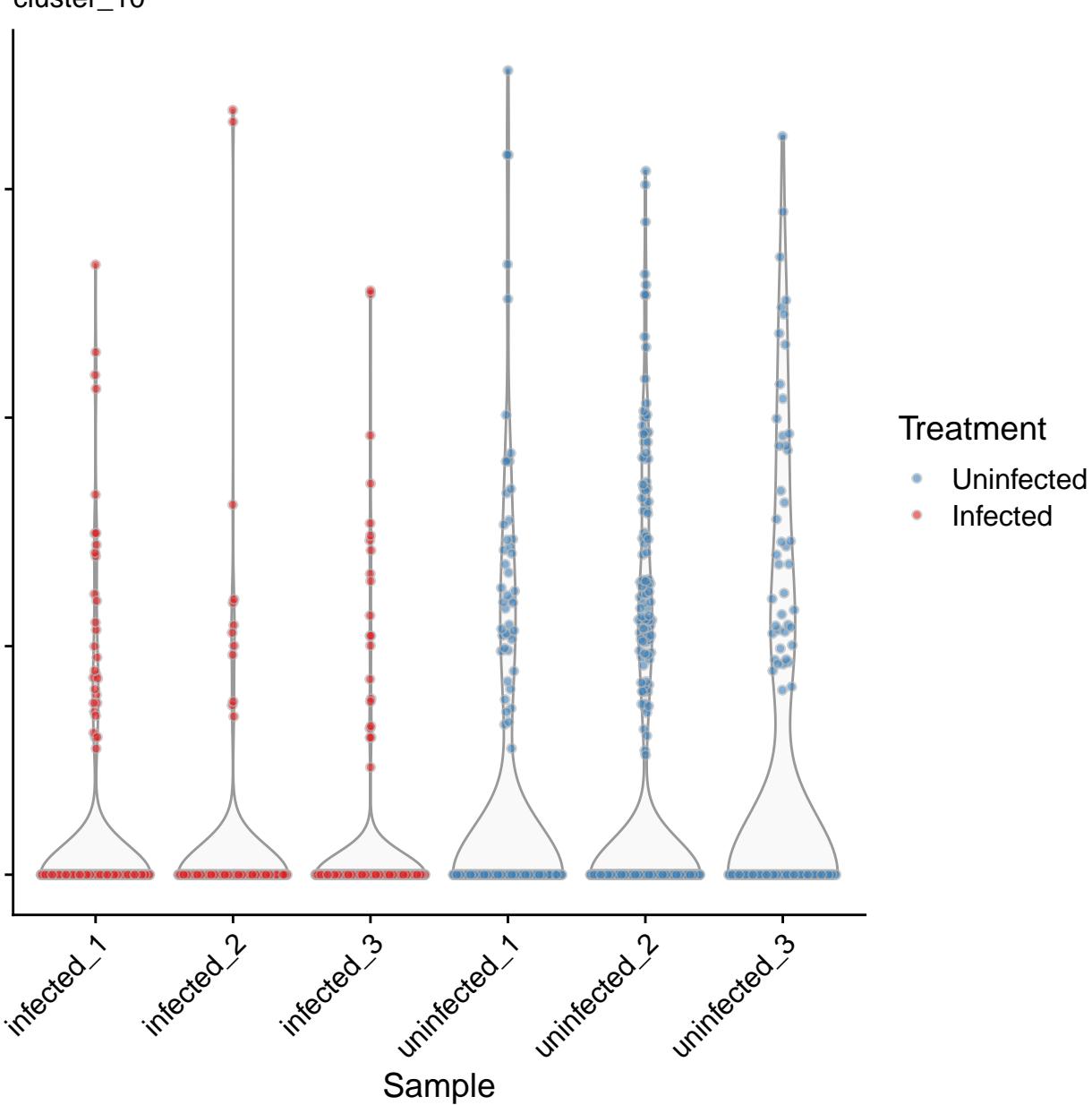
uninfected_3



TRABD2A (FDR = 3e-04)

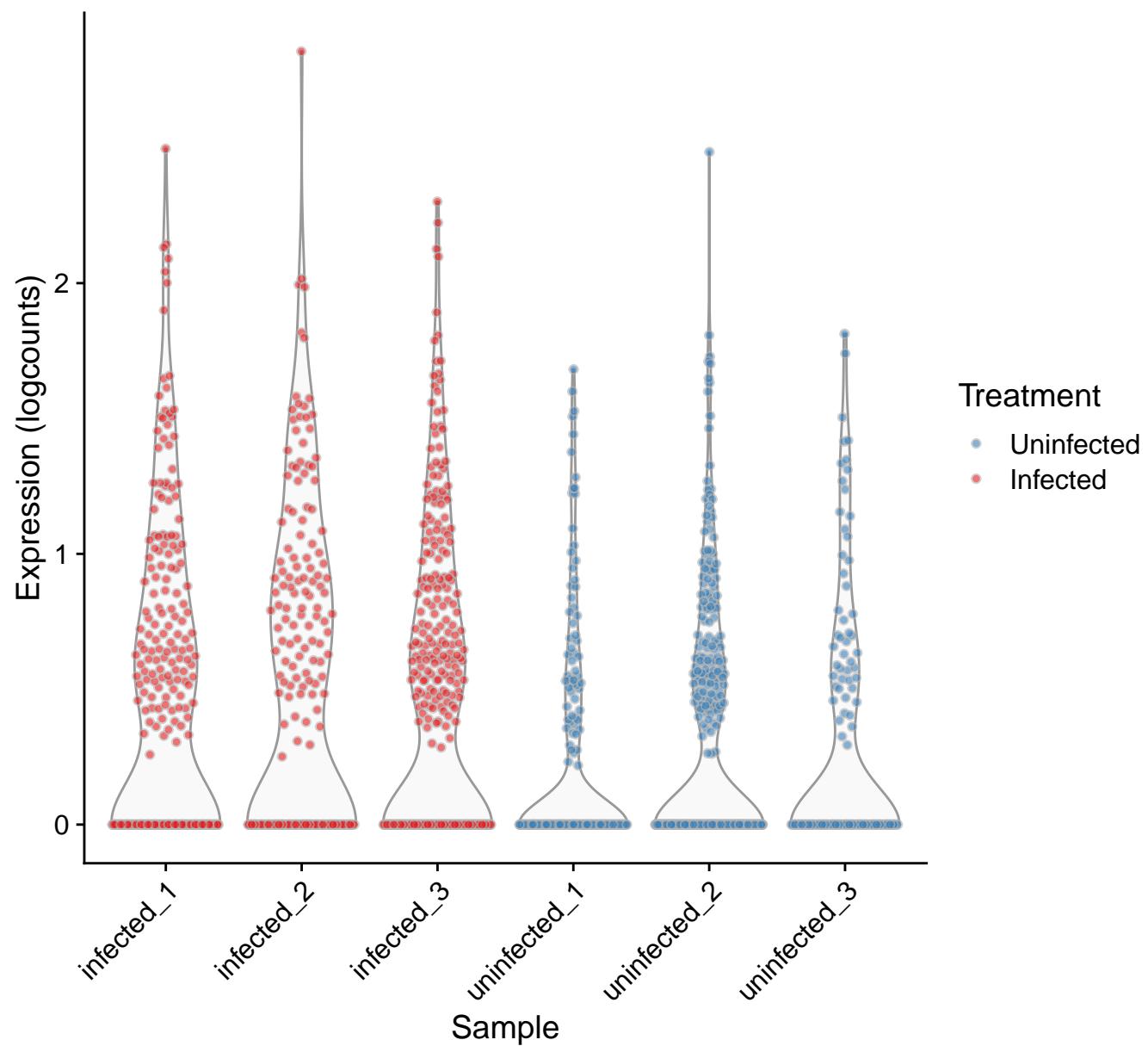
cluster_10

Expression (logcounts)



CITED2 (FDR = 3e-04)

cluster_10



STN1 (FDR = 3e-04)

cluster_10

Expression (logcounts)

2.0

1.0

0.5

0.0



infected_1

infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected

CHN2 (FDR = 3e-04)

cluster_10

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample

uninfected_1

uninfected_2

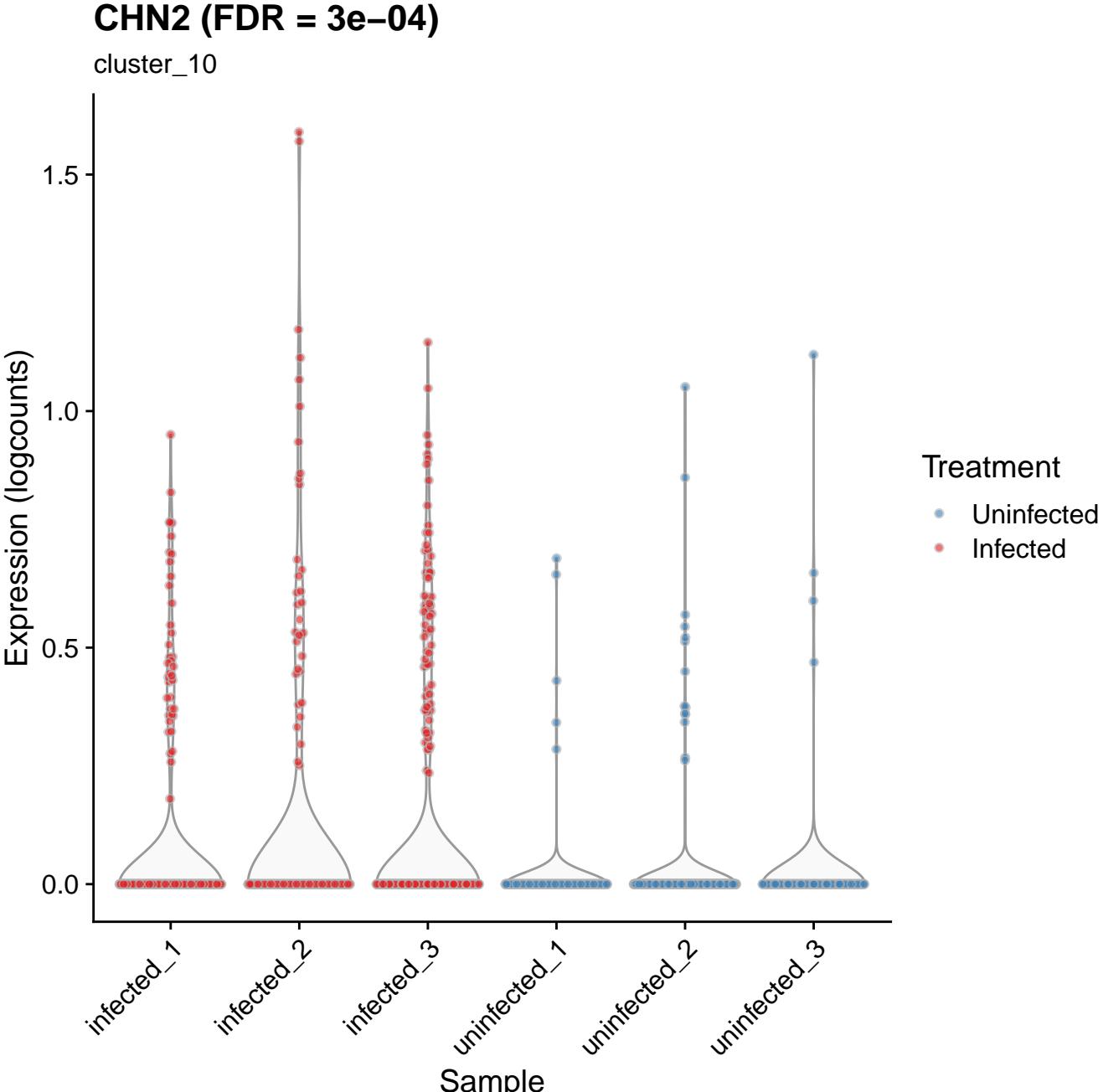
uninfected_3

1.5

1.0

0.5

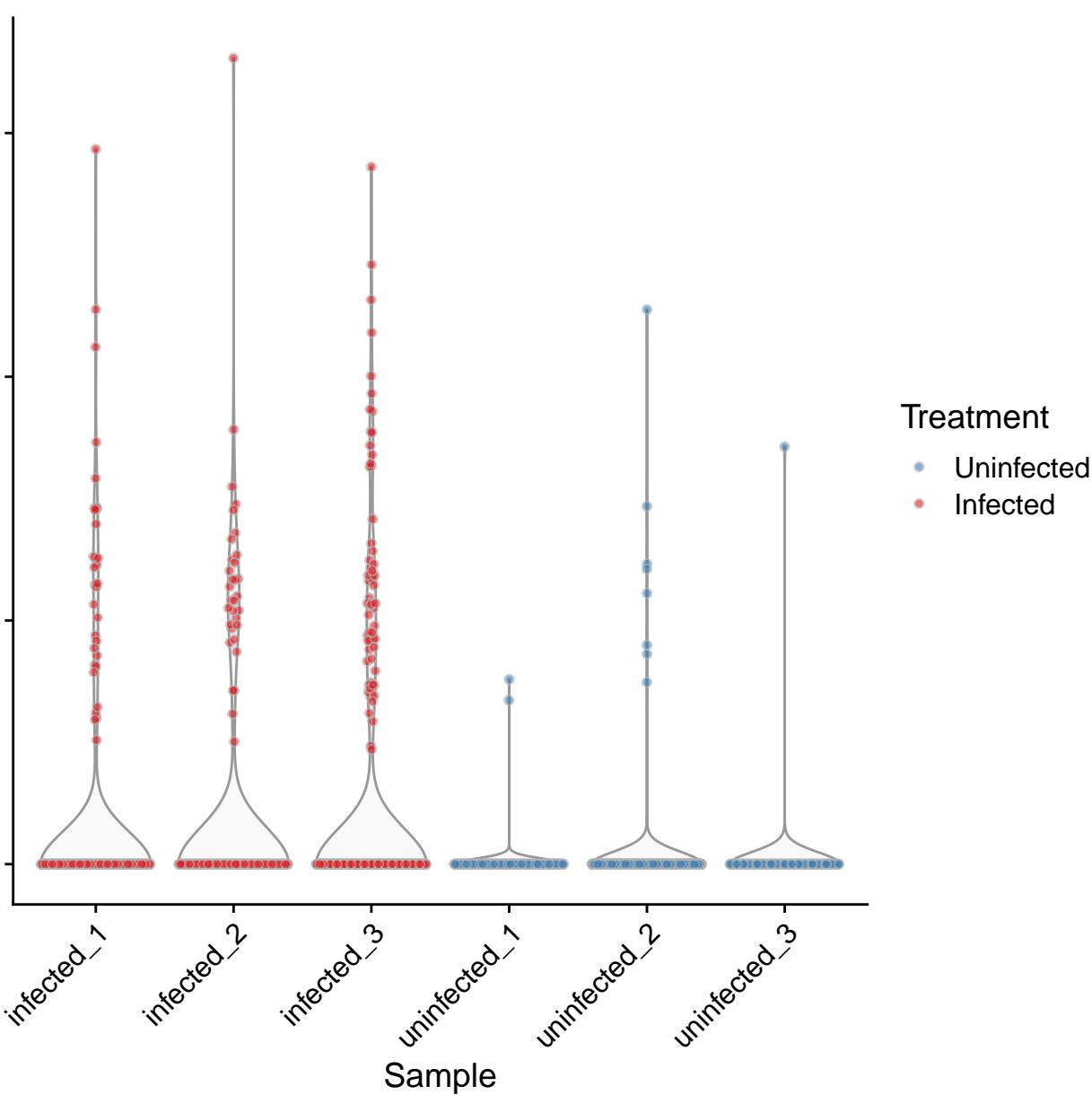
0.0



GLB1L3 (FDR = 4e-04)

cluster_10

Expression (logcounts)



CD74 (FDR = 4e-04)

cluster_10

Expression (logcounts)

6

4

2

0

infected_1

infected_2

infected_3

Sample

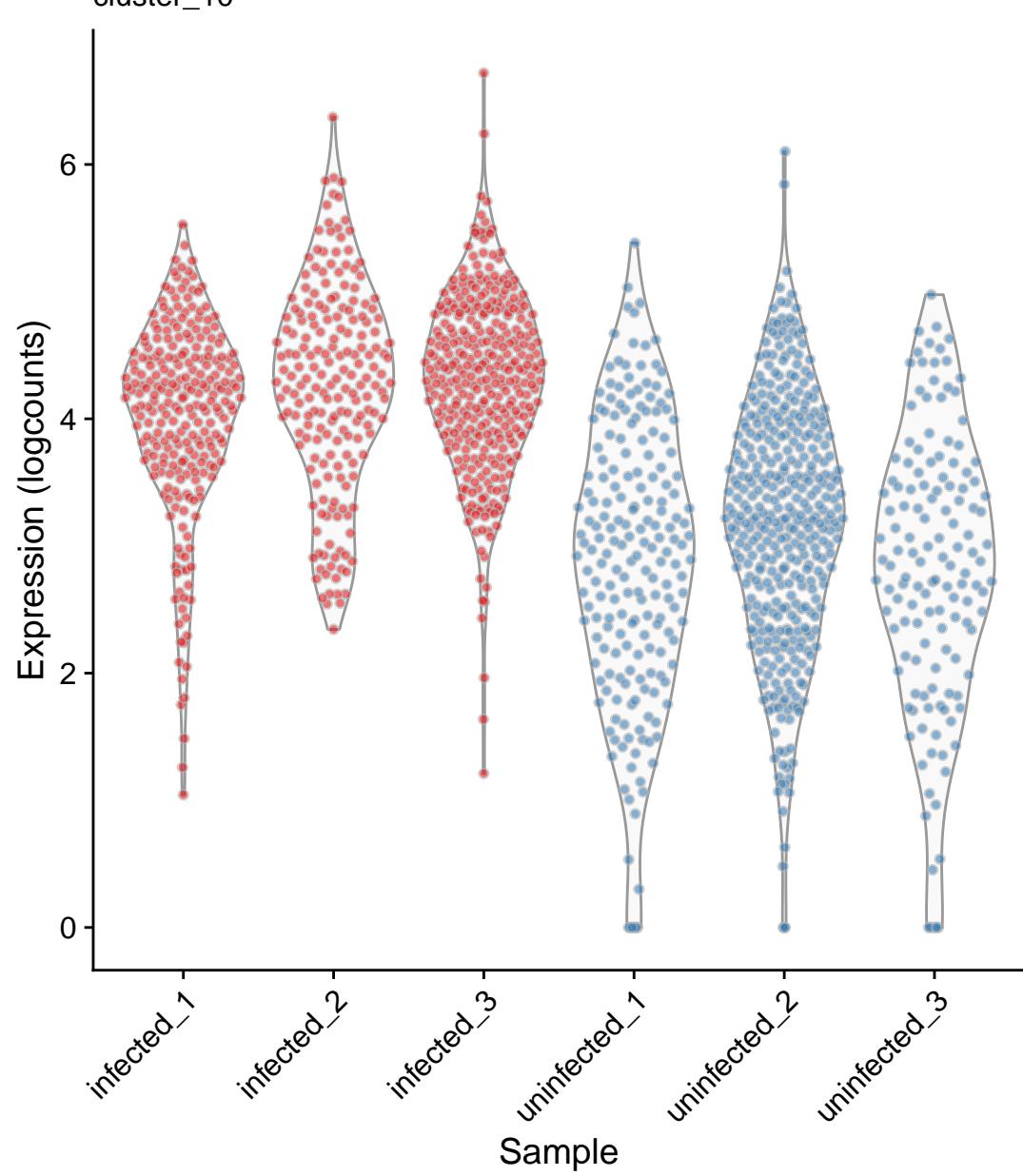
uninfected_1

uninfected_2

uninfected_3

Treatment

- Uninfected
- Infected



IFI6 (FDR = 4e-04)

cluster_10

Expression (logcounts)

Treatment

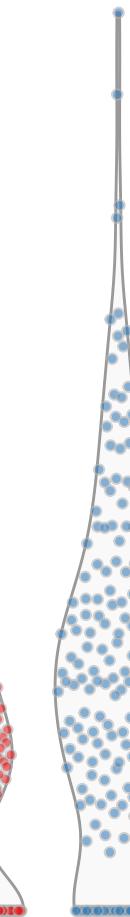
- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample



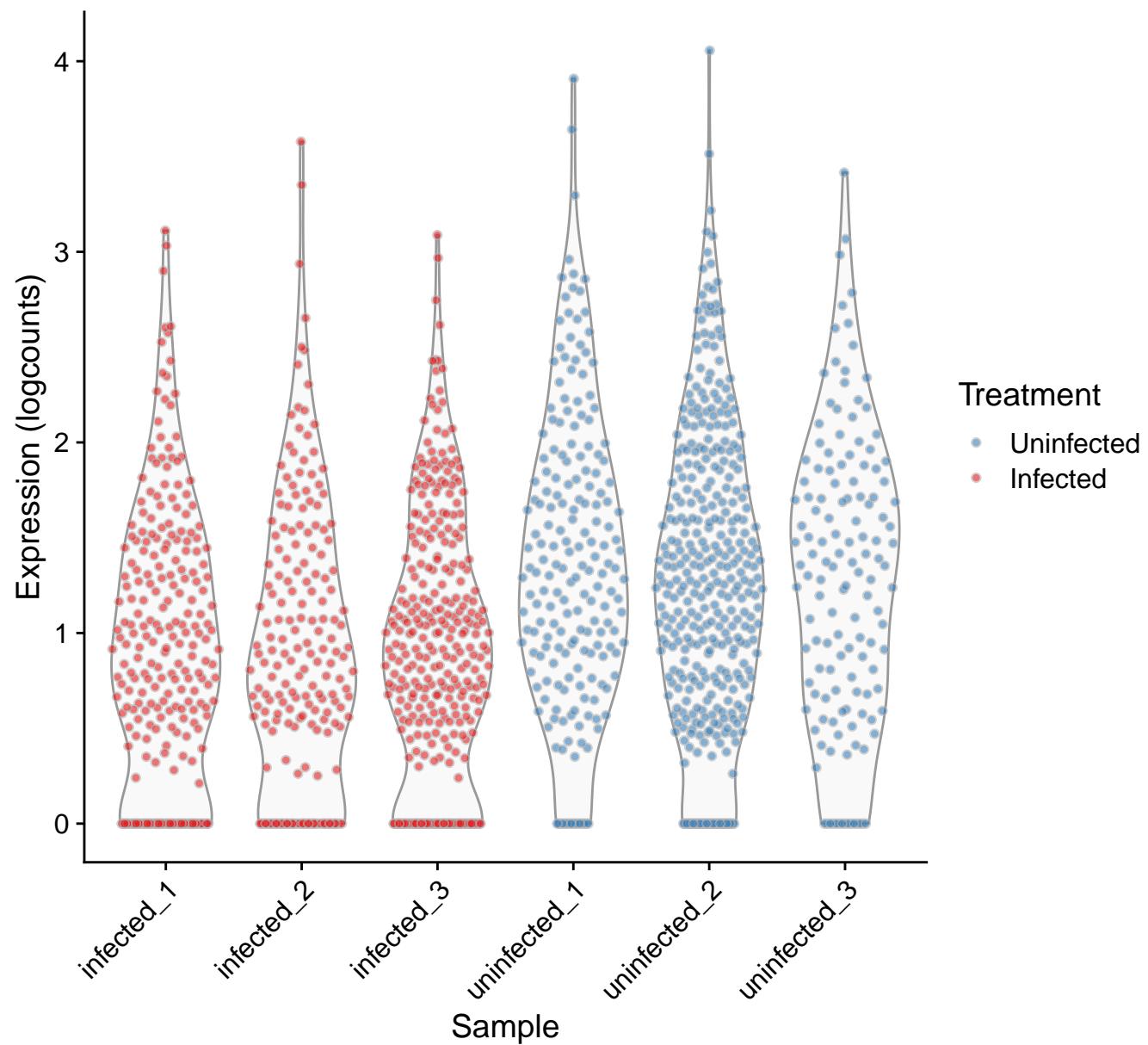
uninfected_1

uninfected_2

uninfected_3

ZFP36L1 (FDR = 4e-04)

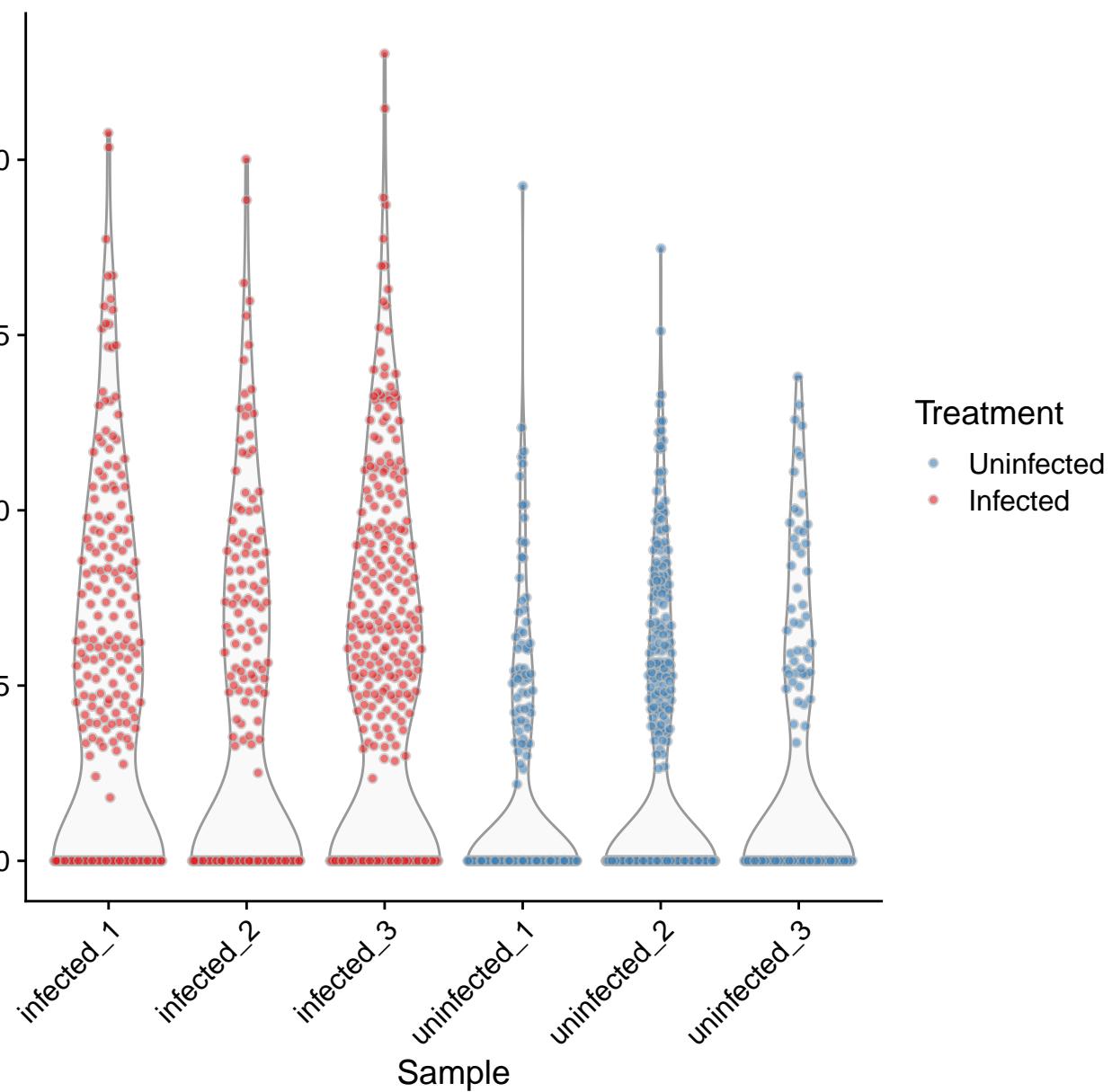
cluster_10



IL4R (FDR = 4e-04)

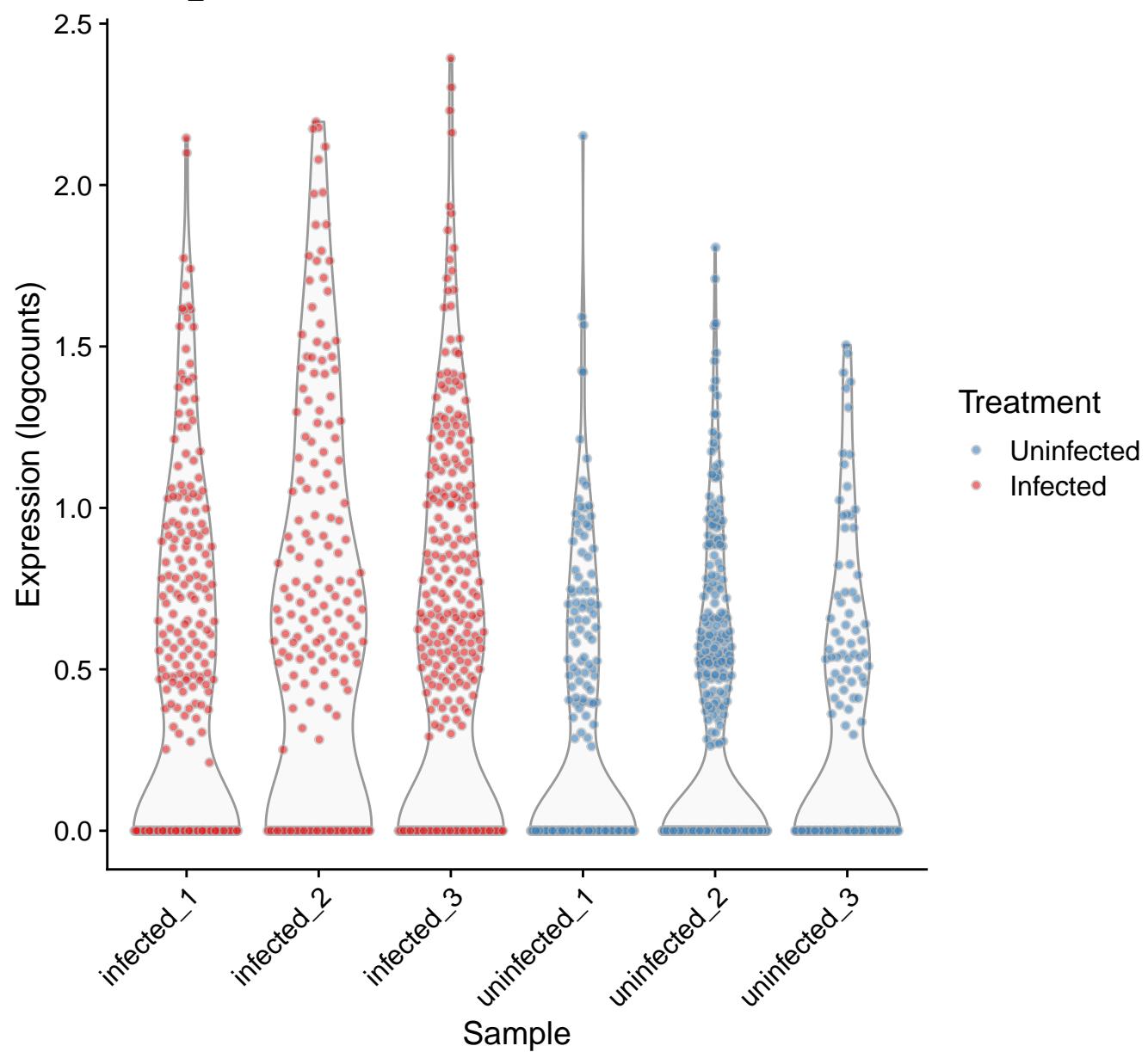
cluster_10

Expression (logcounts)



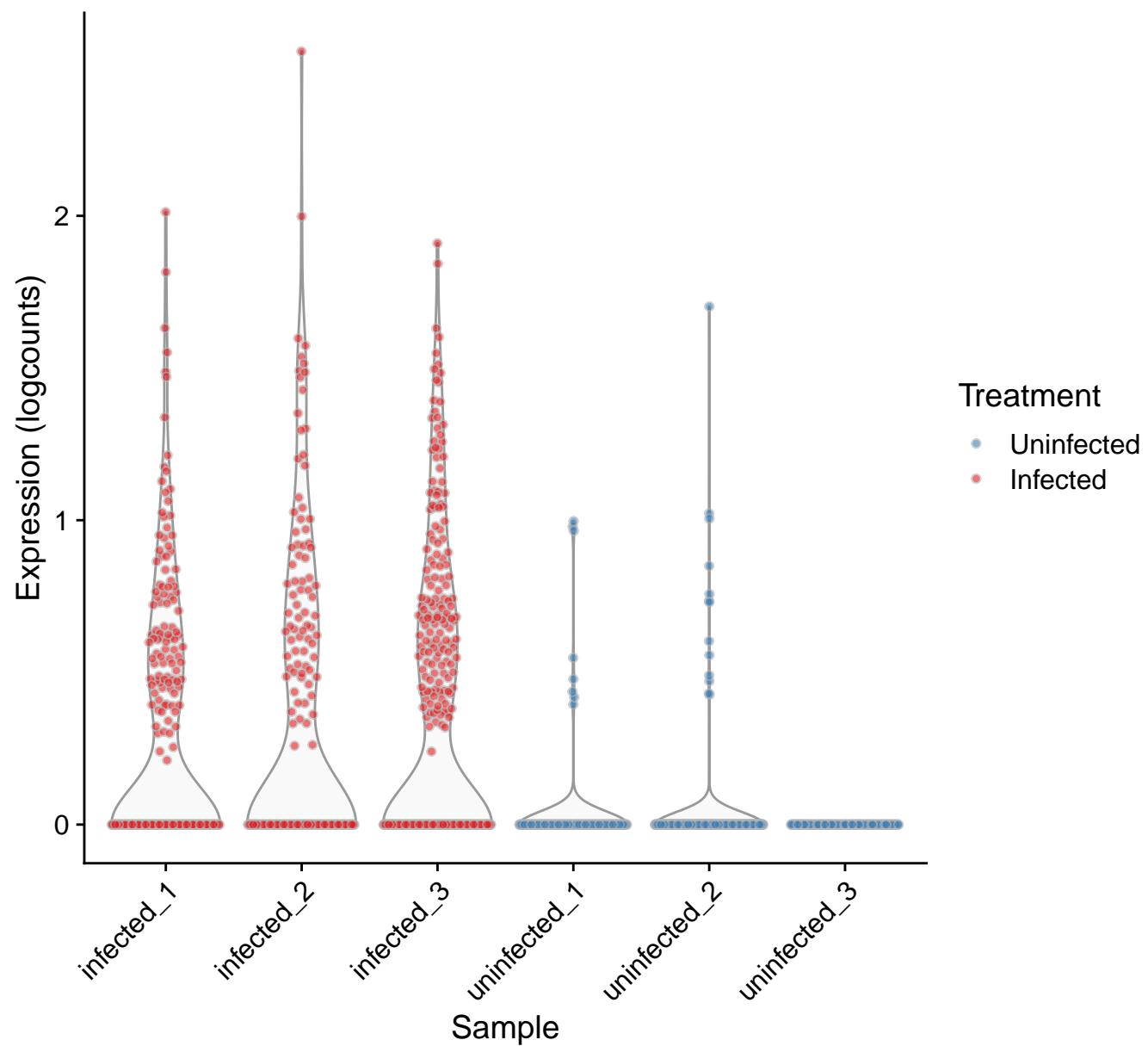
TPST2 (FDR = 4e-04)

cluster_10



CADM1 (FDR = 5e-04)

cluster_10



TOX (FDR = 5e-04)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

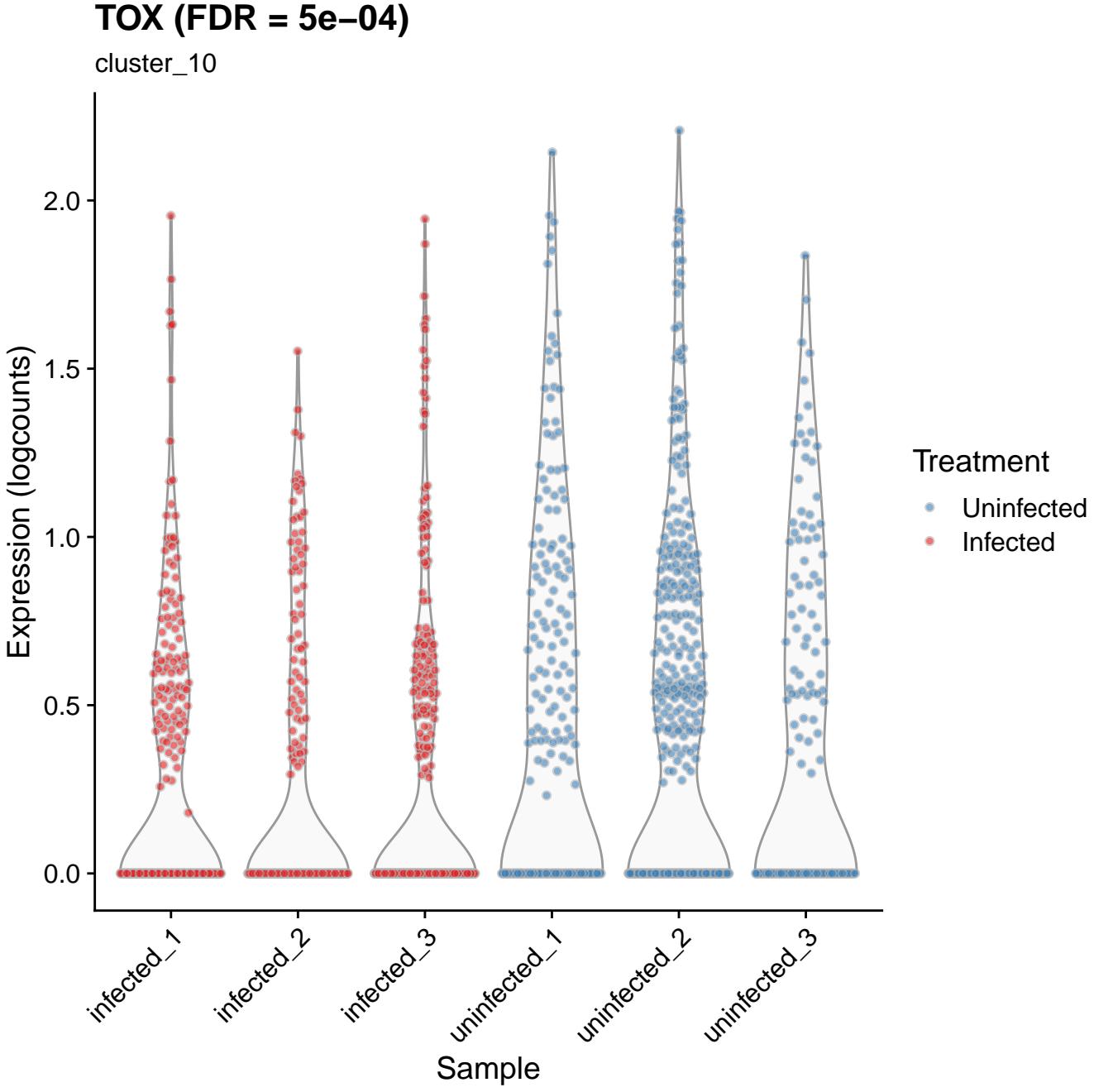
infected_3

Sample

uninfected_1

uninfected_2

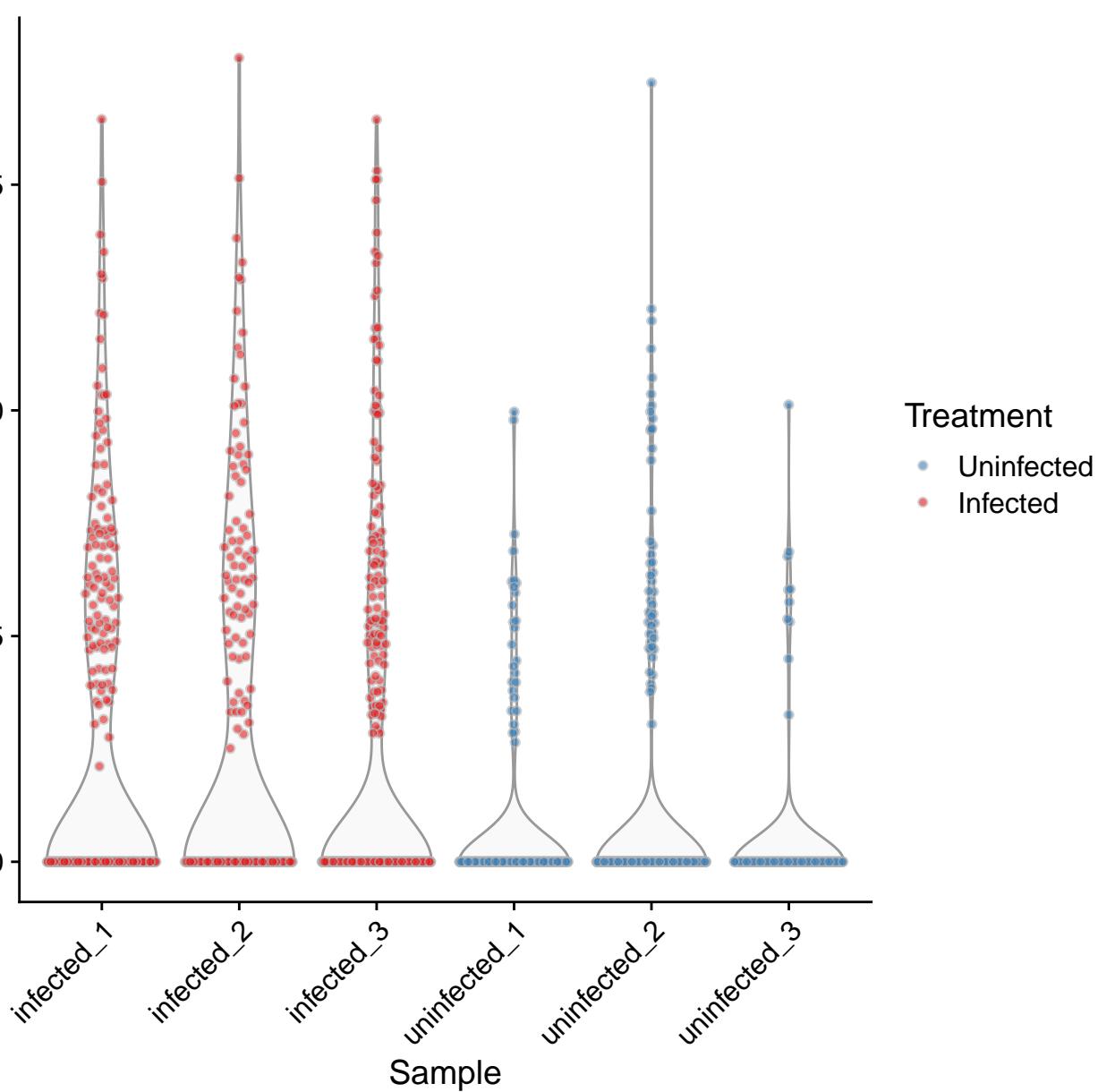
uninfected_3



PTPRN2 (FDR = 6e-04)

cluster_10

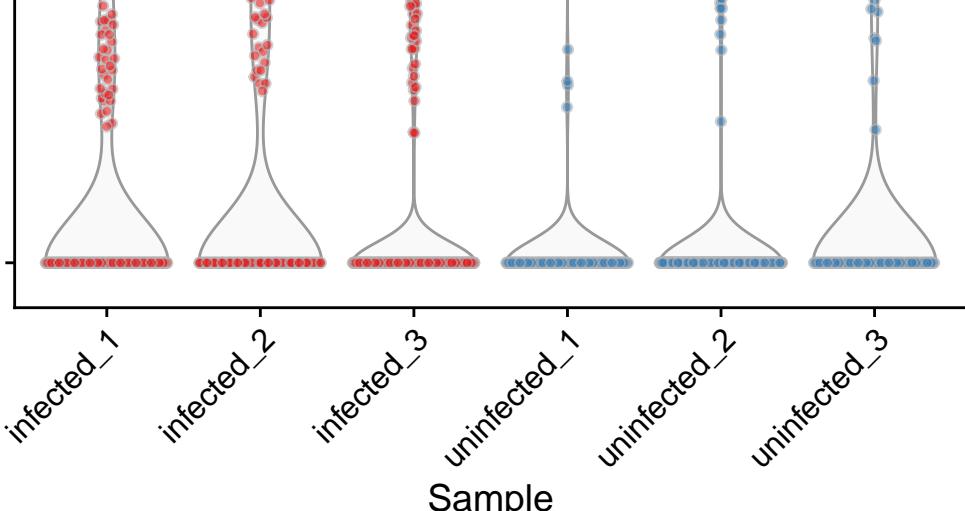
Expression (logcounts)



TIAM2 (FDR = 6e-04)

cluster_10

Expression (logcounts)



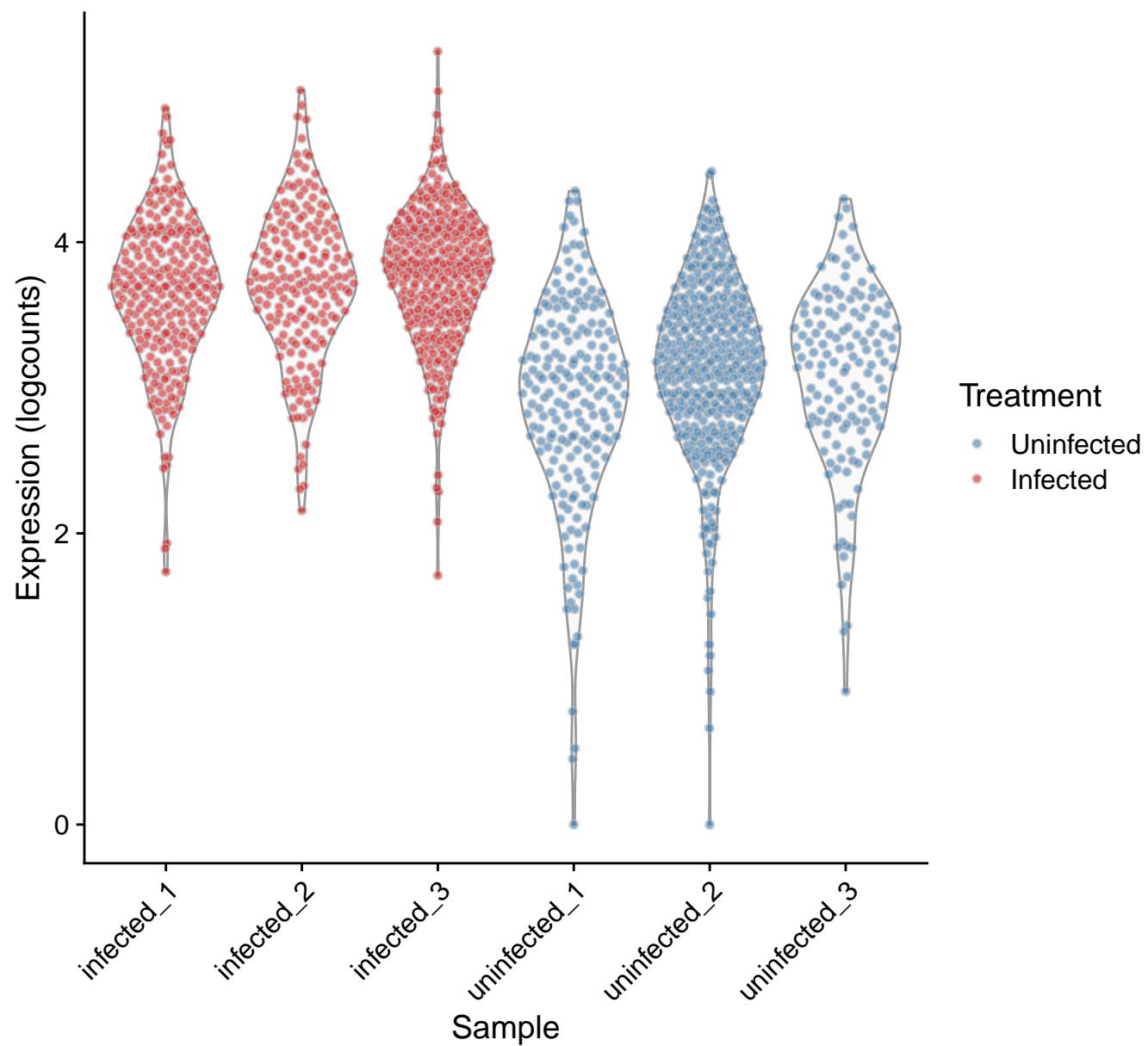
Treatment

- Uninfected
- Infected

Sample

CD99 (FDR = 7e-04)

cluster_10



PARVG (FDR = 8e-04)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0



Treatment

- Uninfected
- Infected

AC090152.1 (FDR = 8e-04)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

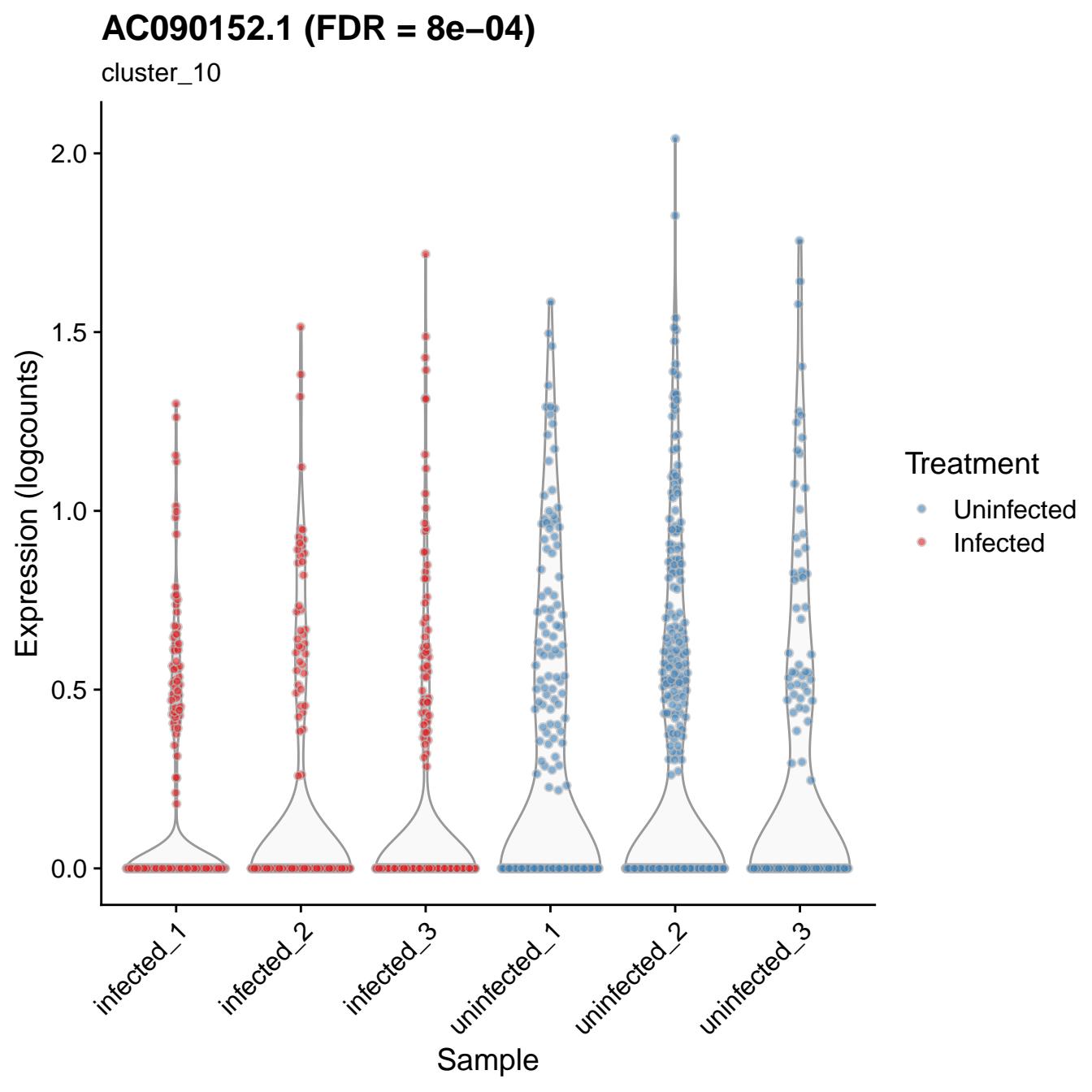
infected_3

Sample

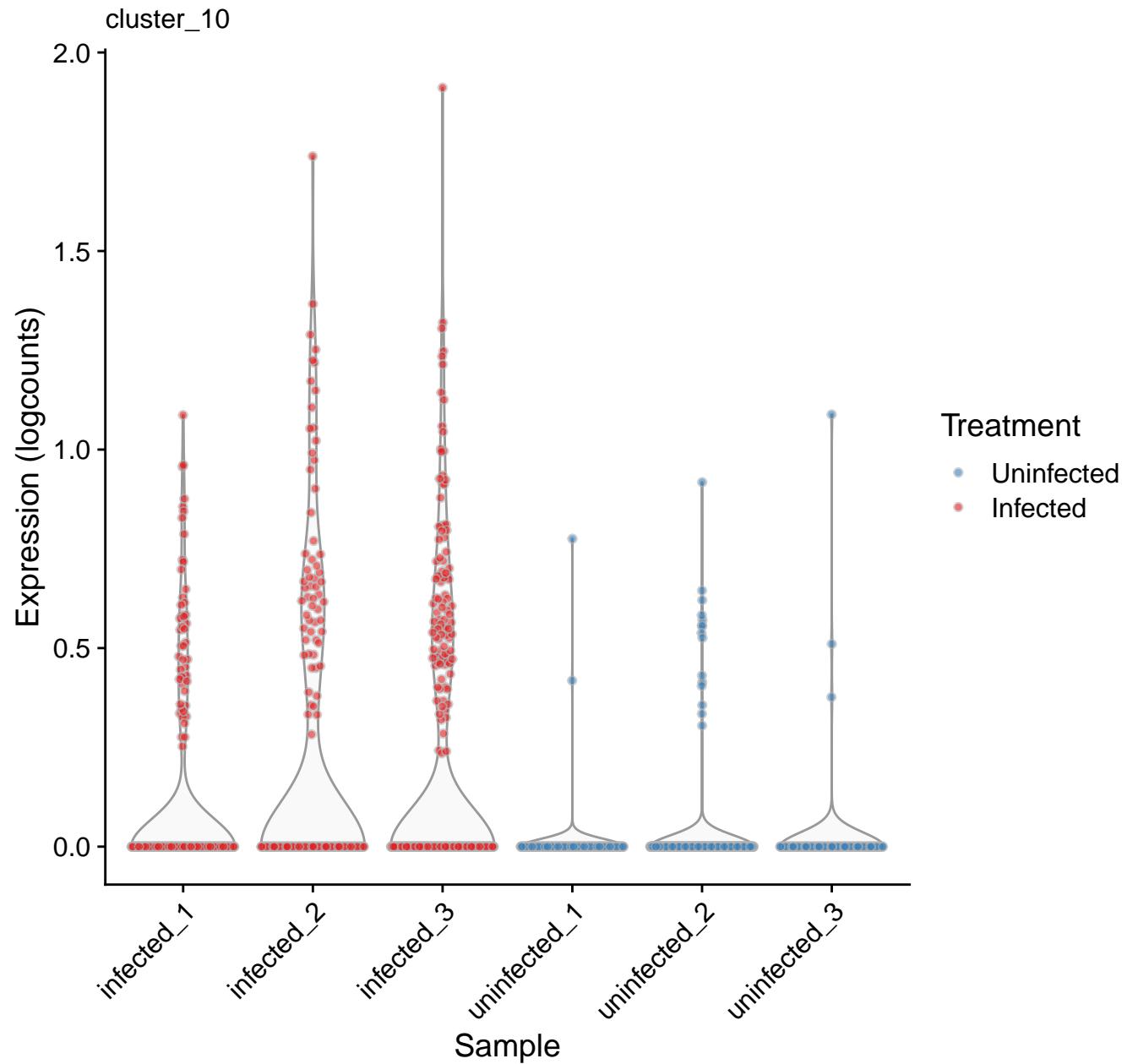
uninfected_1

uninfected_2

uninfected_3



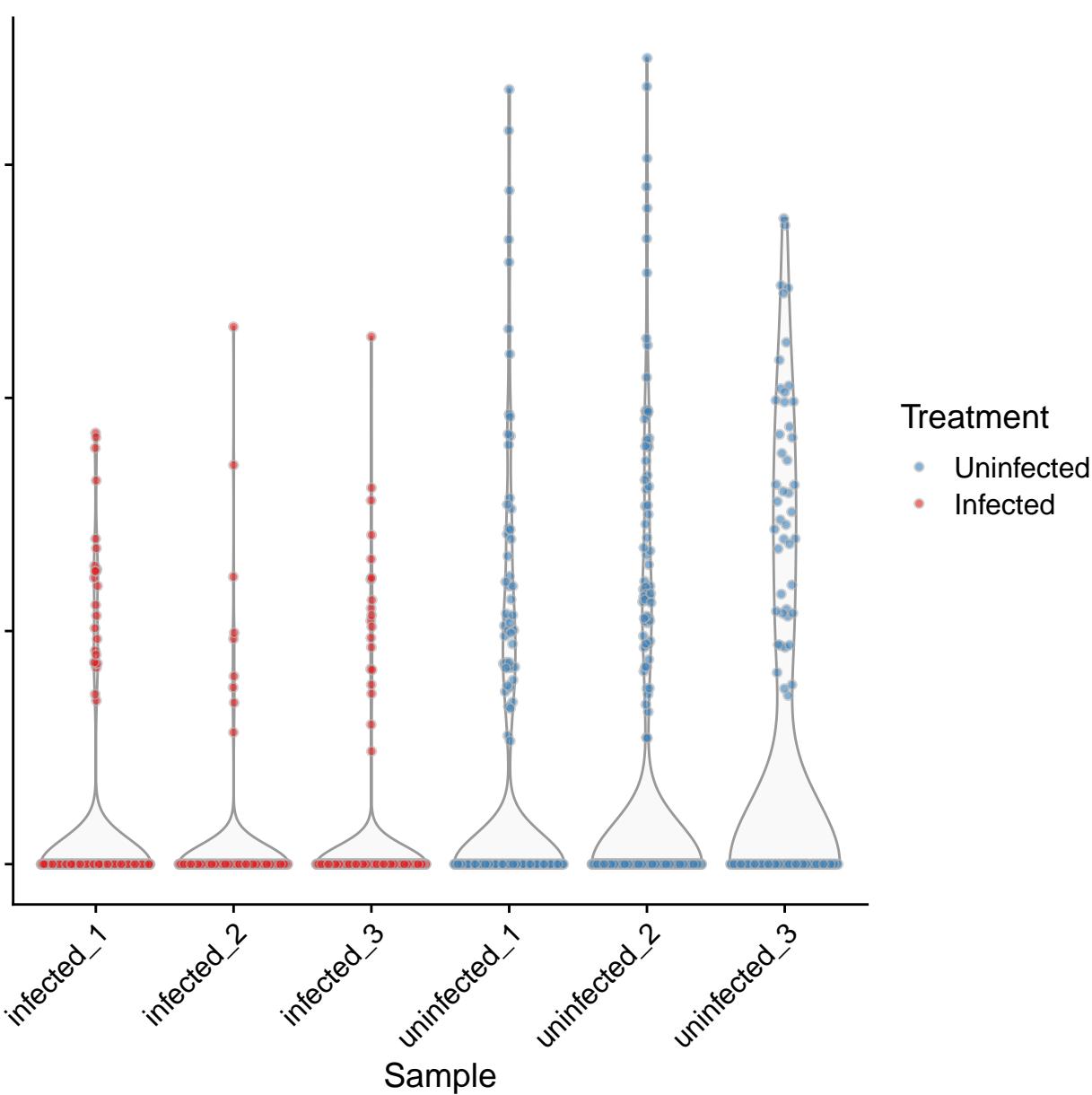
HDGFL3 (FDR = 8e-04)



IFI44 (FDR = 8e-04)

cluster_10

Expression (logcounts)



THEM4 (FDR = 8e-04)

cluster_10

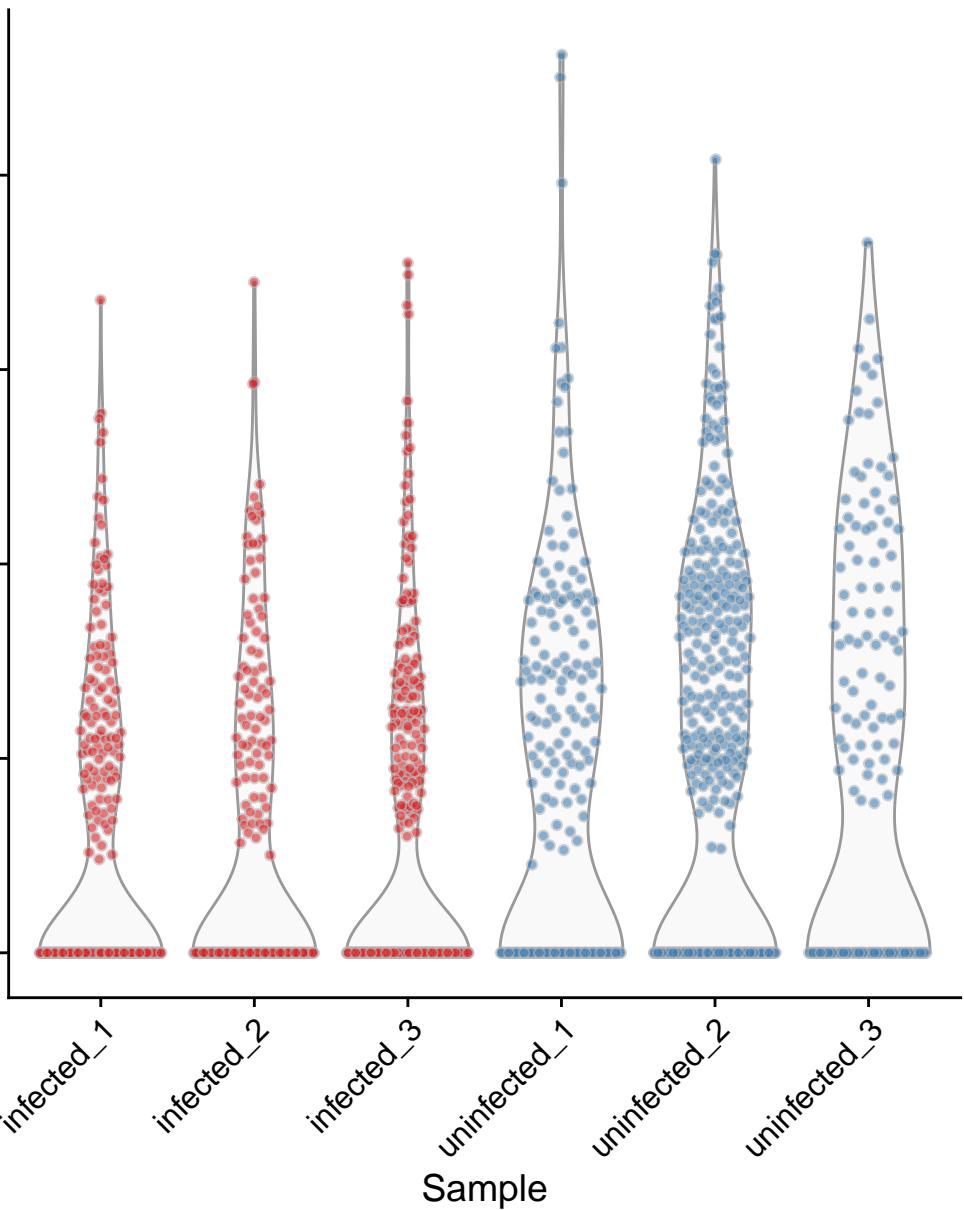
Expression (logcounts)

2.0
1.0
0.0

infected_1 infected_2 infected_3 uninfected_1 uninfected_2 uninfected_3

Sample

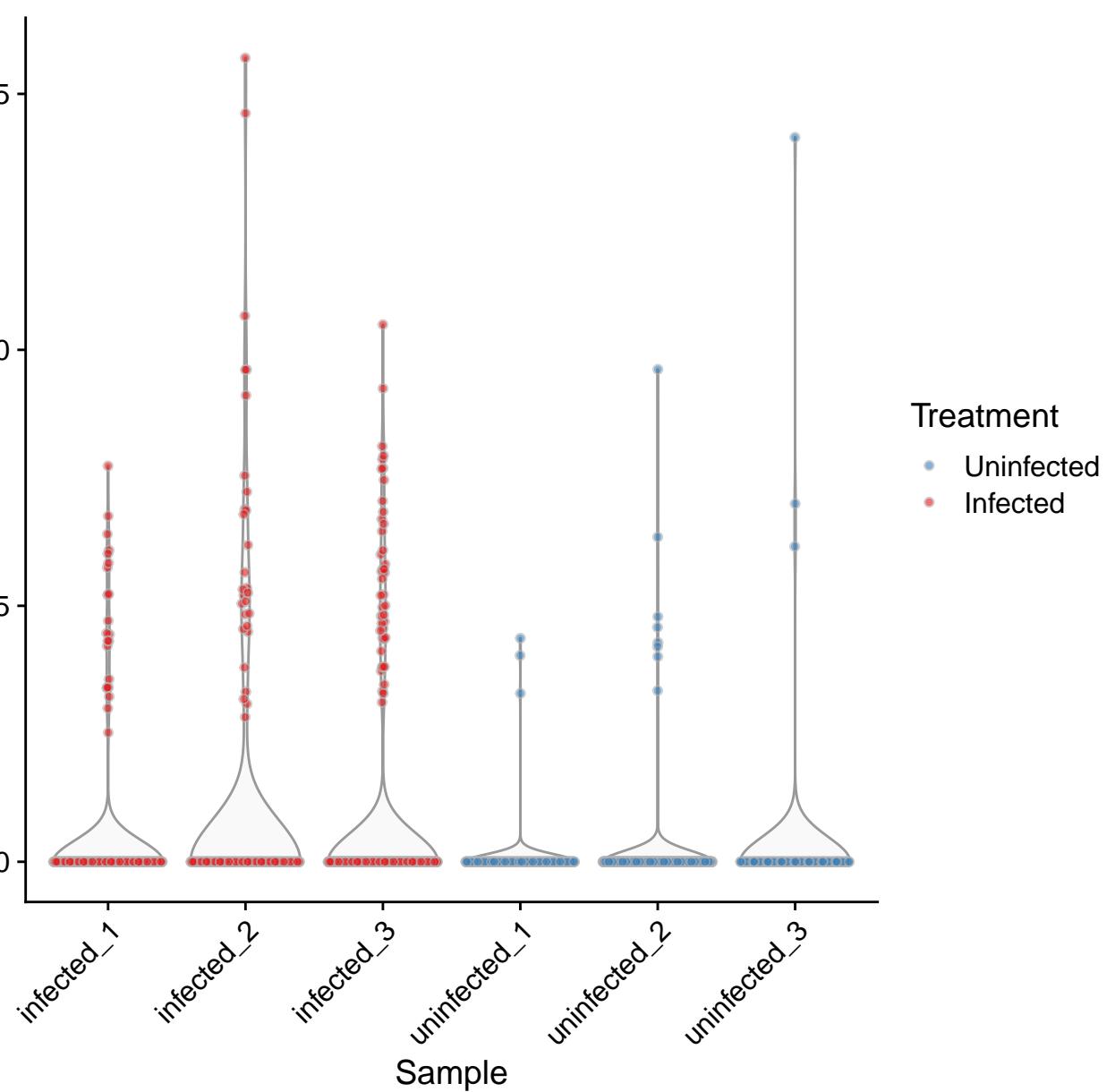
Treatment
Uninfected
Infected



SH3RF2 (FDR = 9e-04)

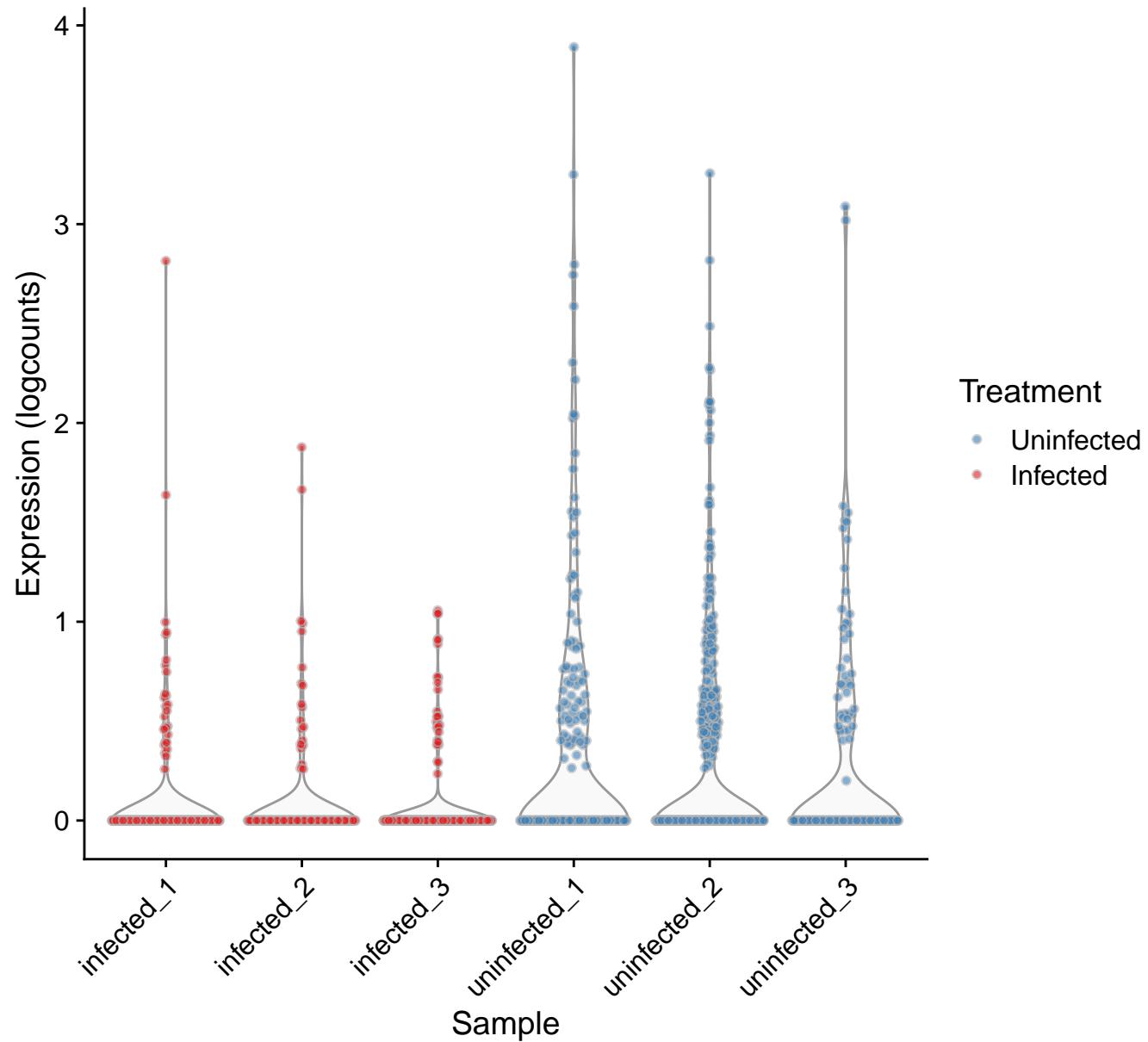
cluster_10

Expression (logcounts)



LTA (FDR = 0.001)

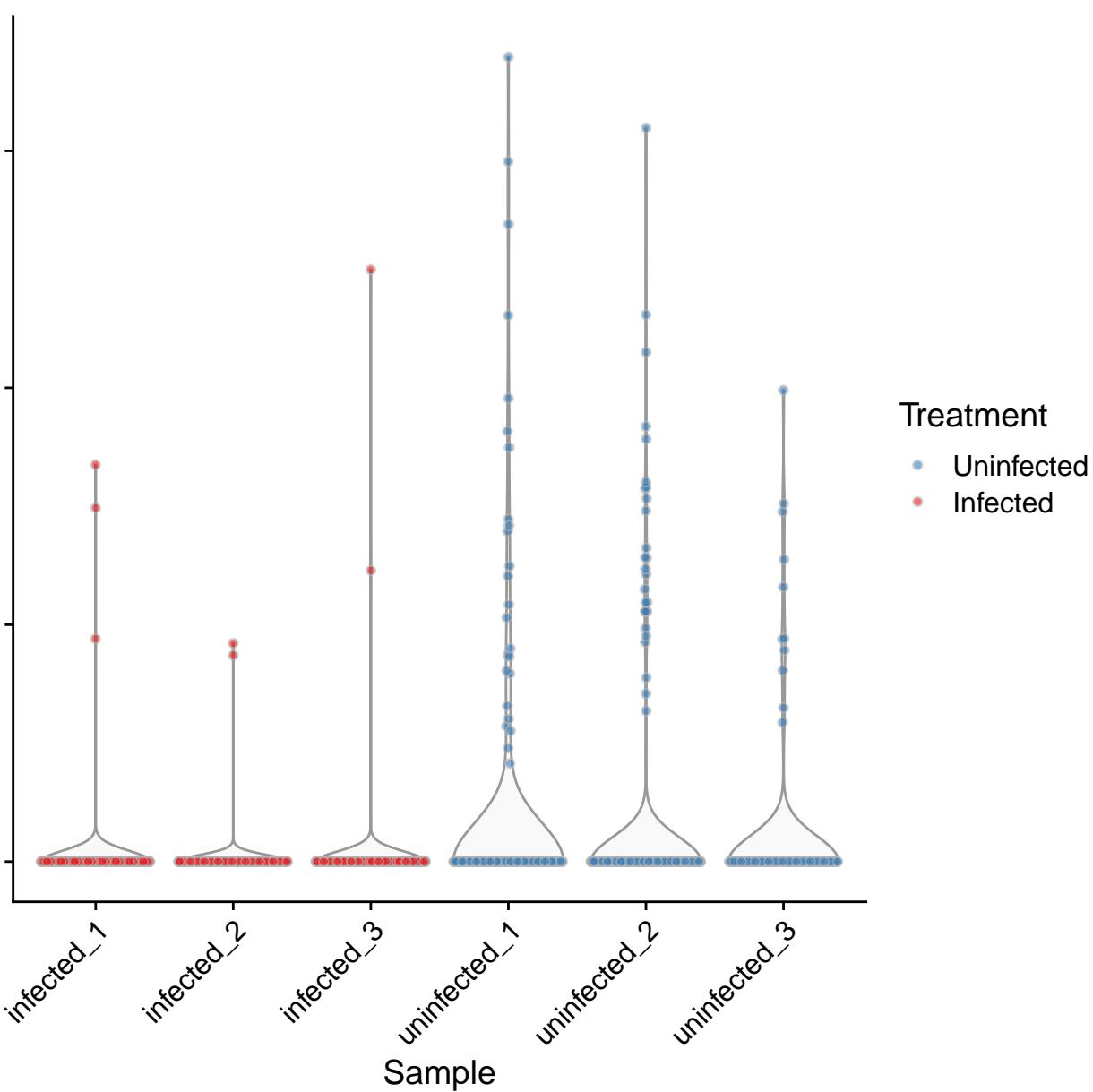
cluster_10



LINC01891 (FDR = 0.001)

cluster_10

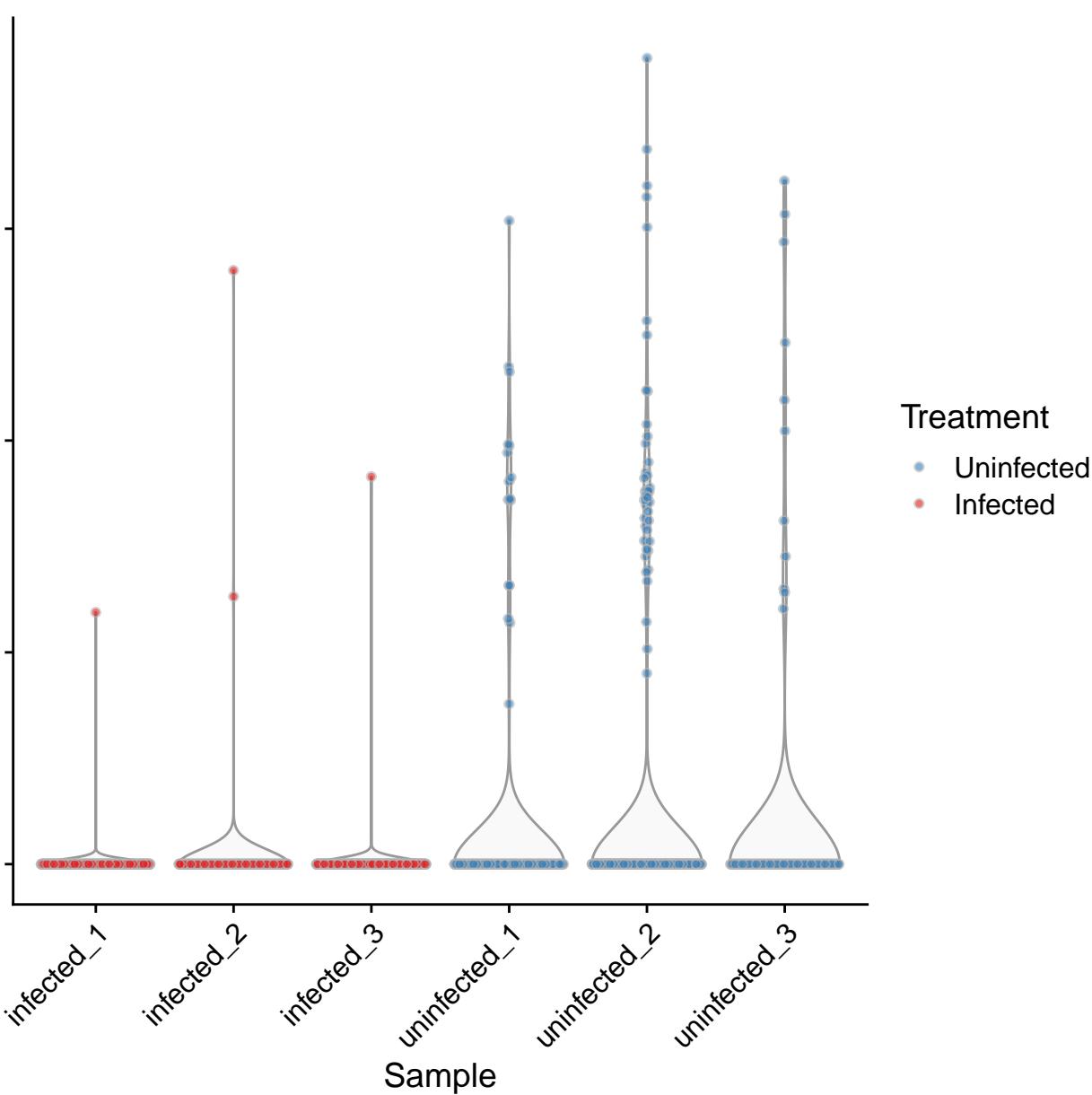
Expression (logcounts)



FNBP1L (FDR = 0.001)

cluster_10

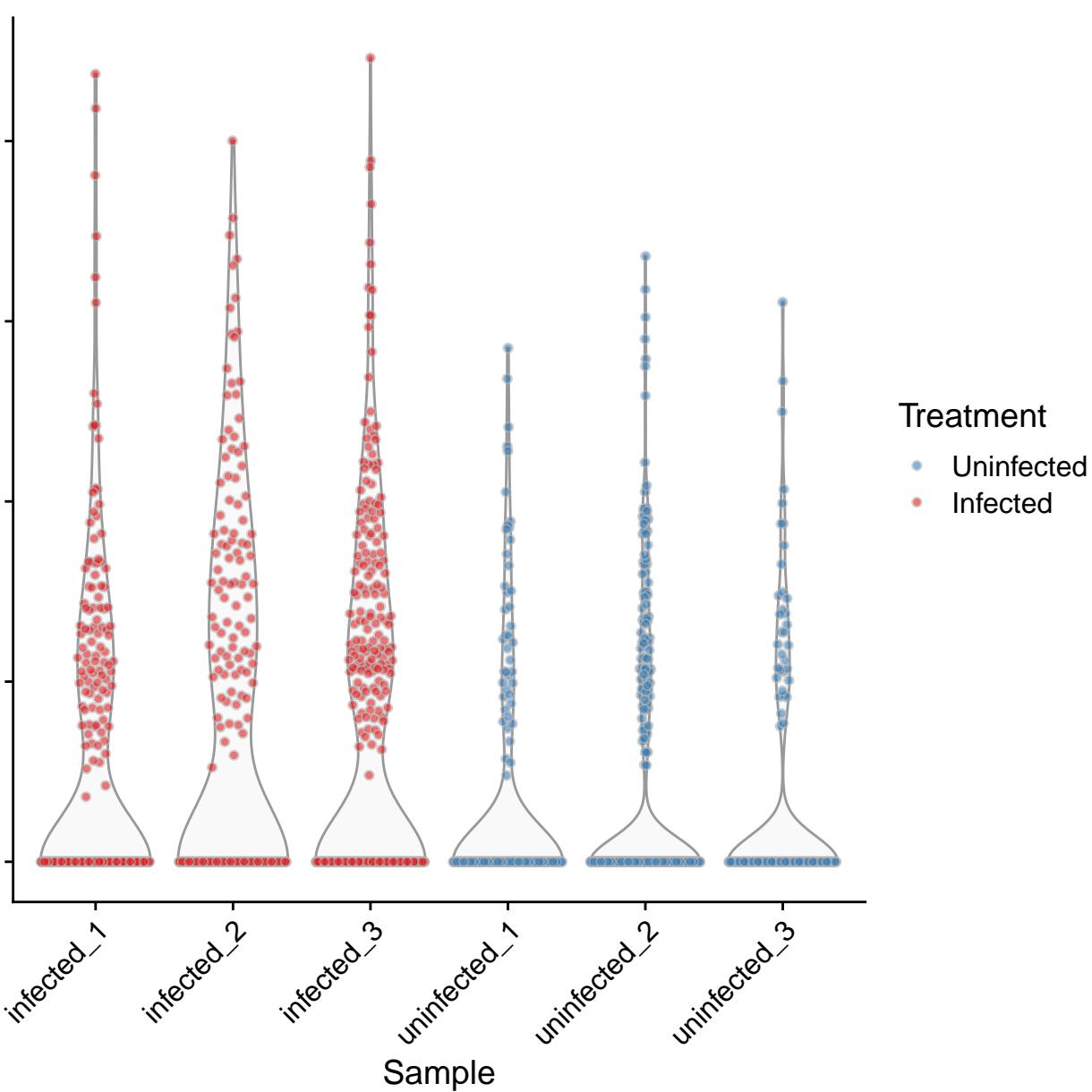
Expression (logcounts)



EEP1 (FDR = 0.001)

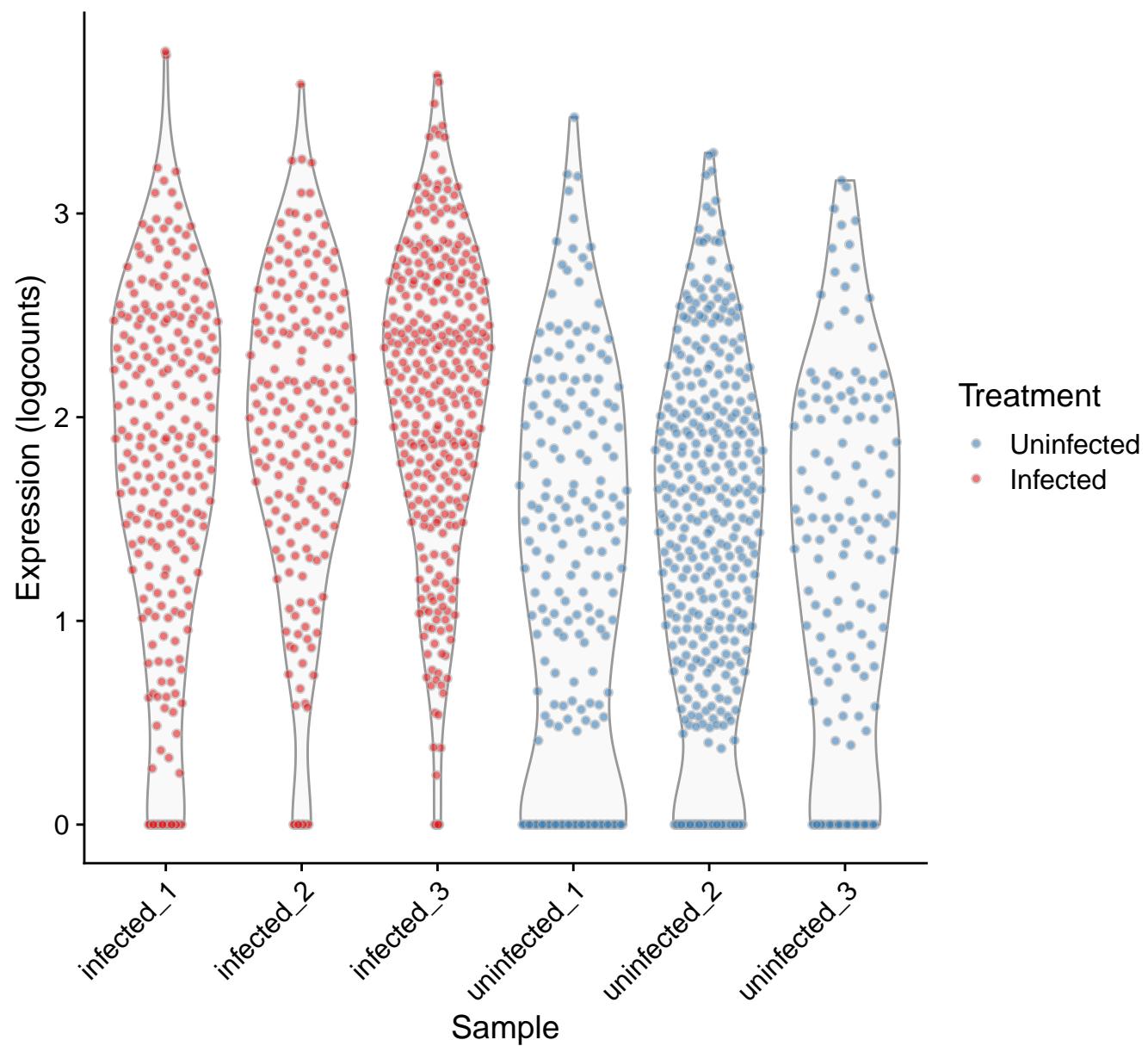
cluster_10

Expression (logcounts)



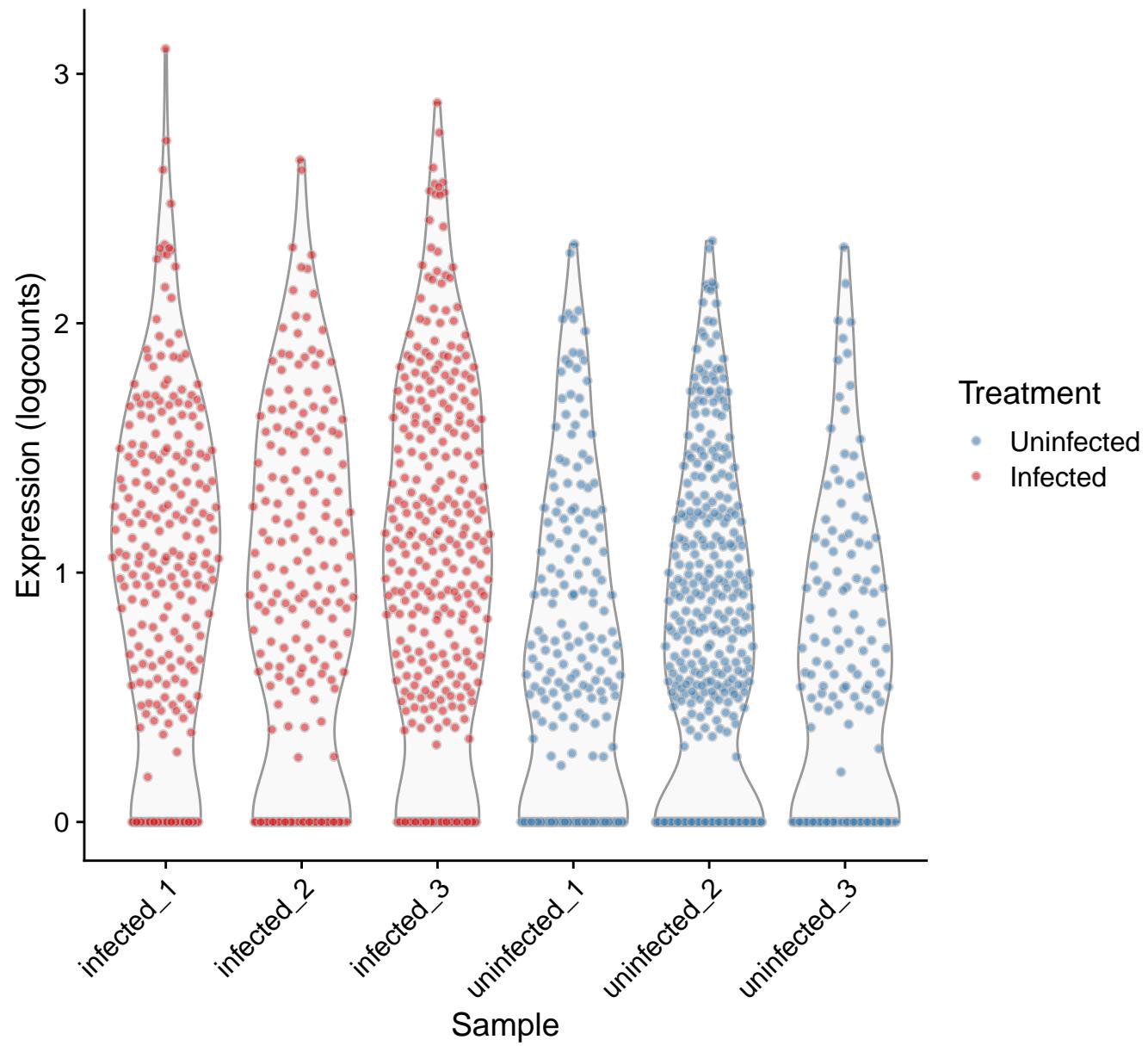
CXCR3 (FDR = 0.001)

cluster_10



VSIR (FDR = 0.001)

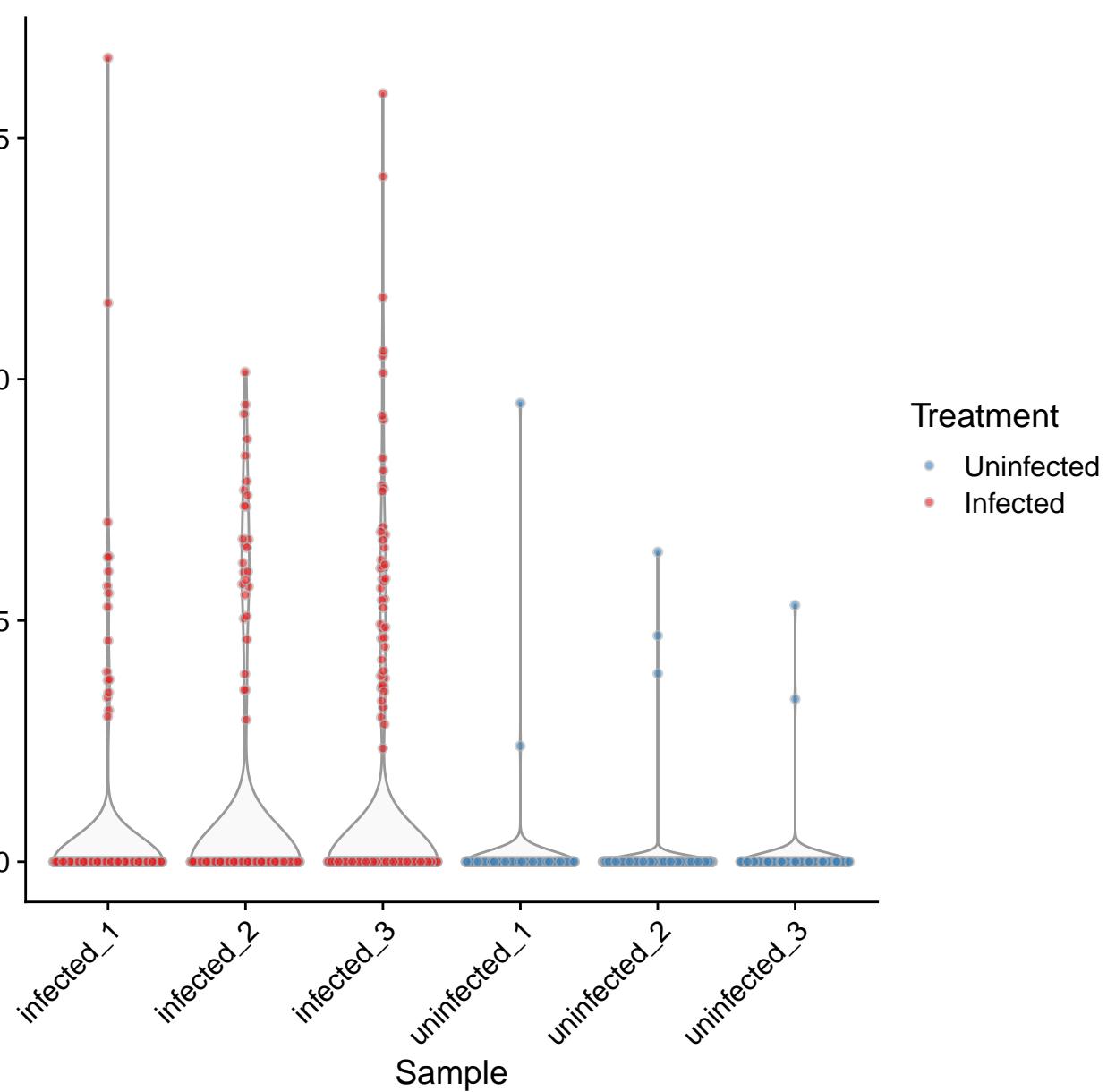
cluster_10



DST (FDR = 0.001)

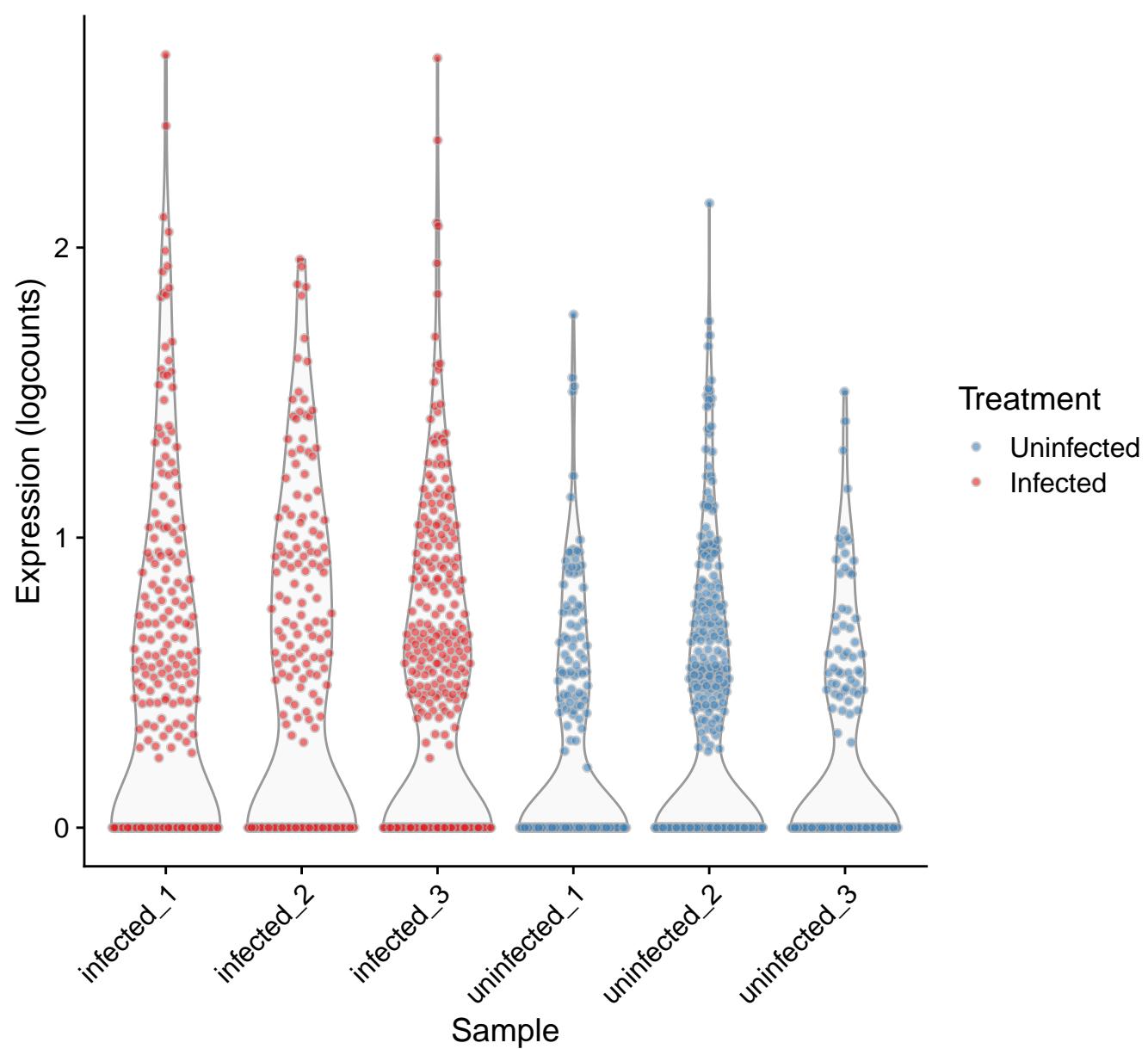
cluster_10

Expression (logcounts)



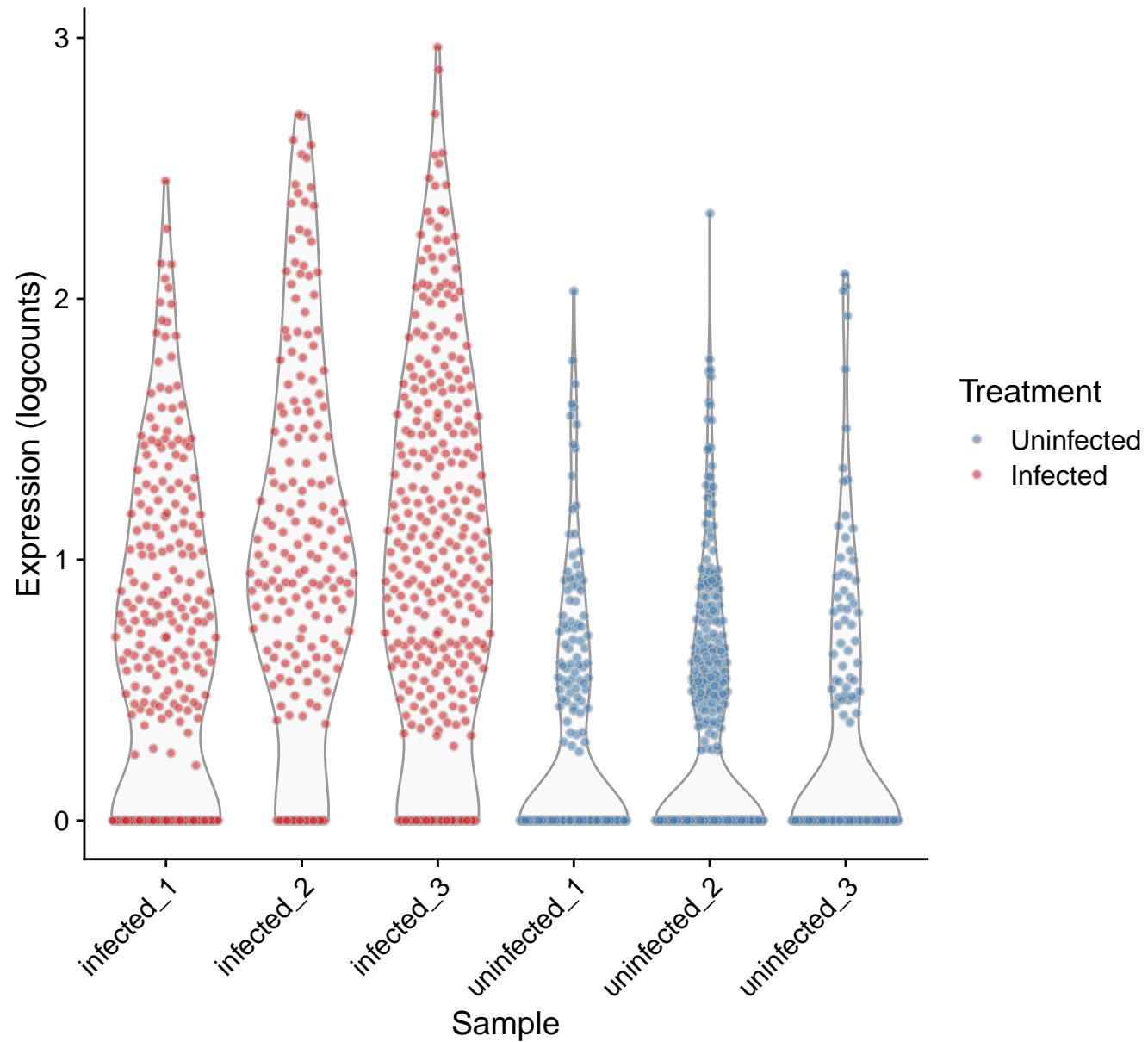
RRBP1 (FDR = 0.001)

cluster_10



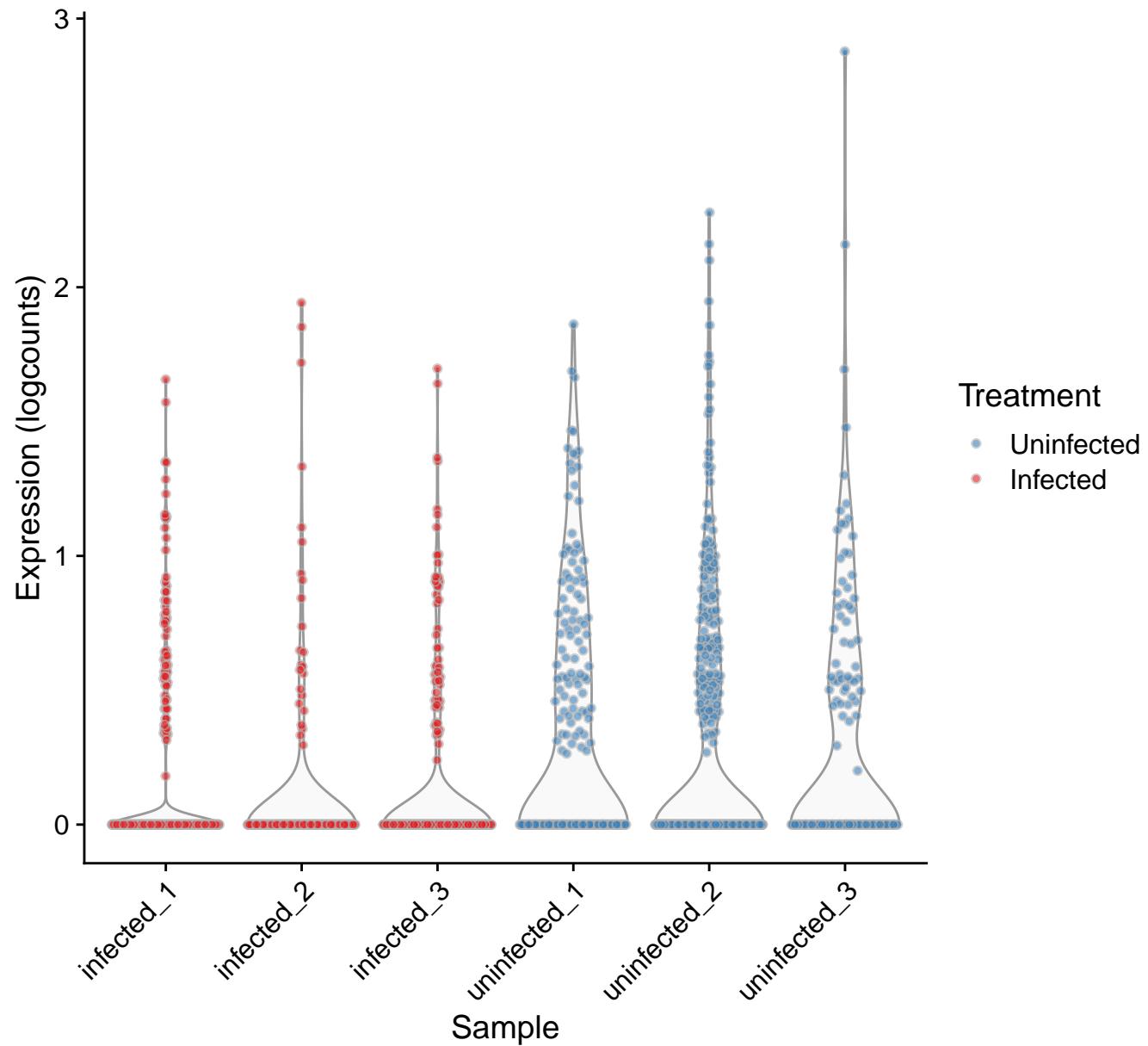
CBLB (FDR = 0.001)

cluster_10



F5 (FDR = 0.001)

cluster_10



NME7 (FDR = 0.001)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0

infected_1

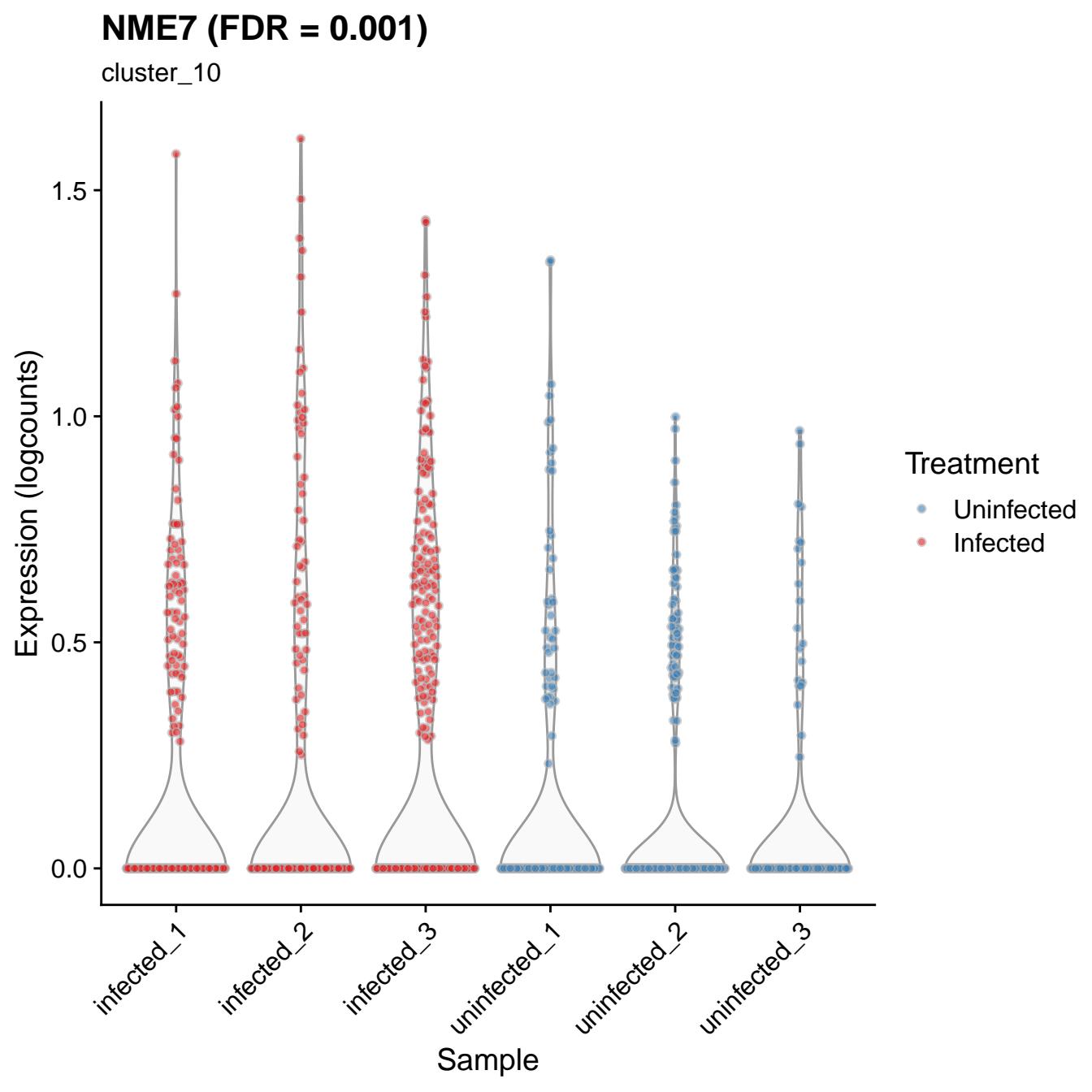
infected_2

infected_3

Sample

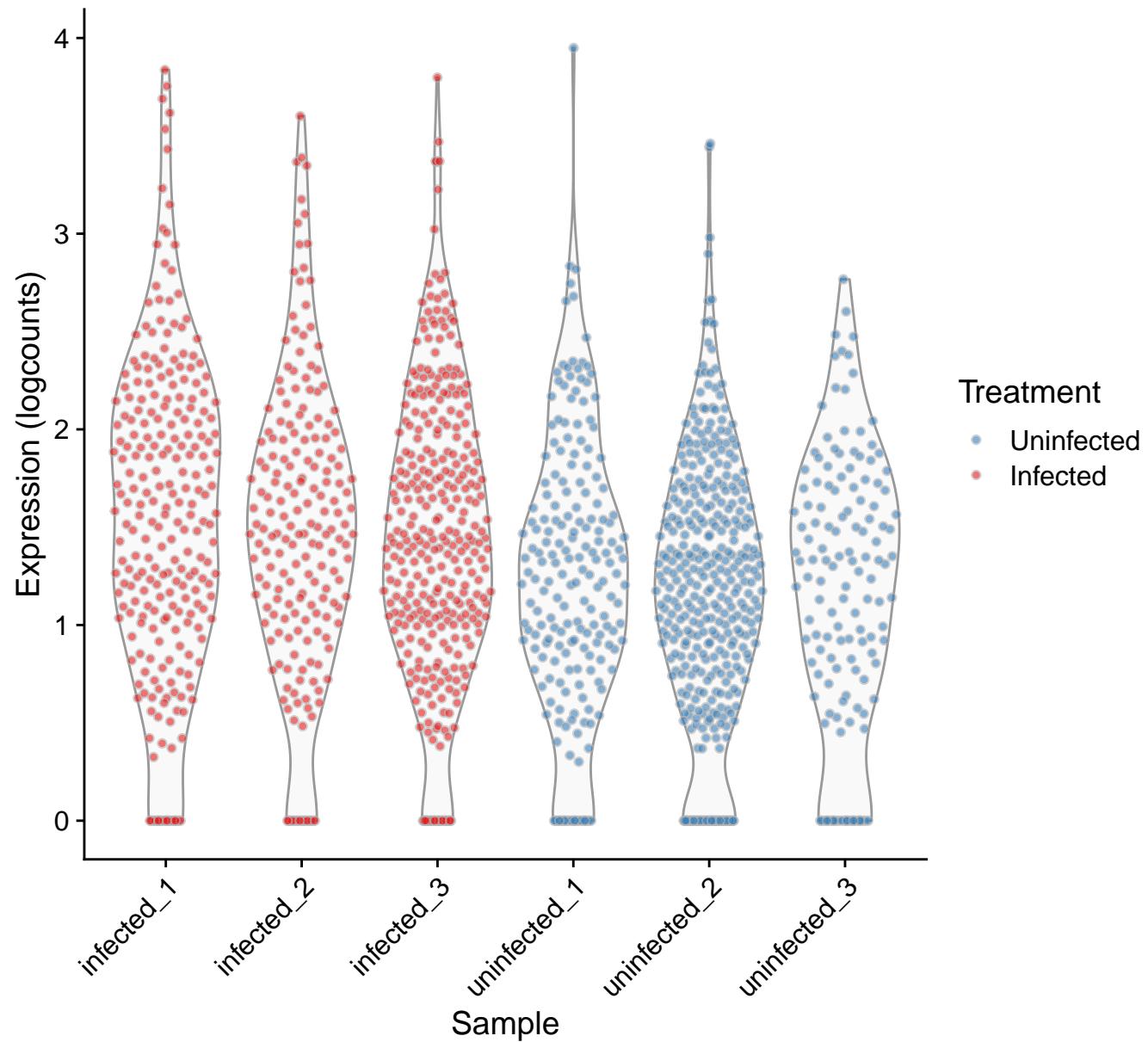
Treatment

- Uninfected
- Infected



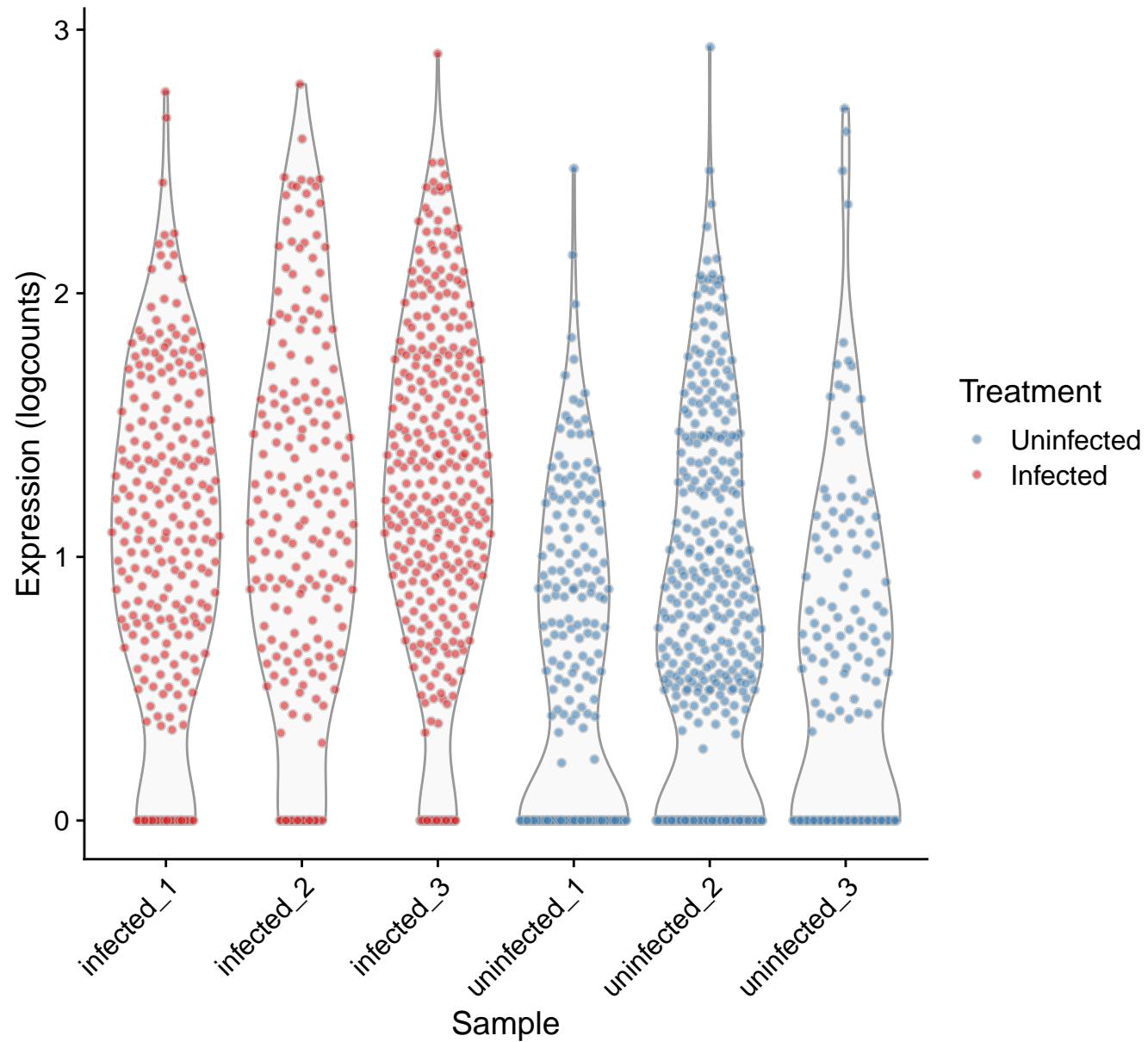
IRF1 (FDR = 0.001)

cluster_10



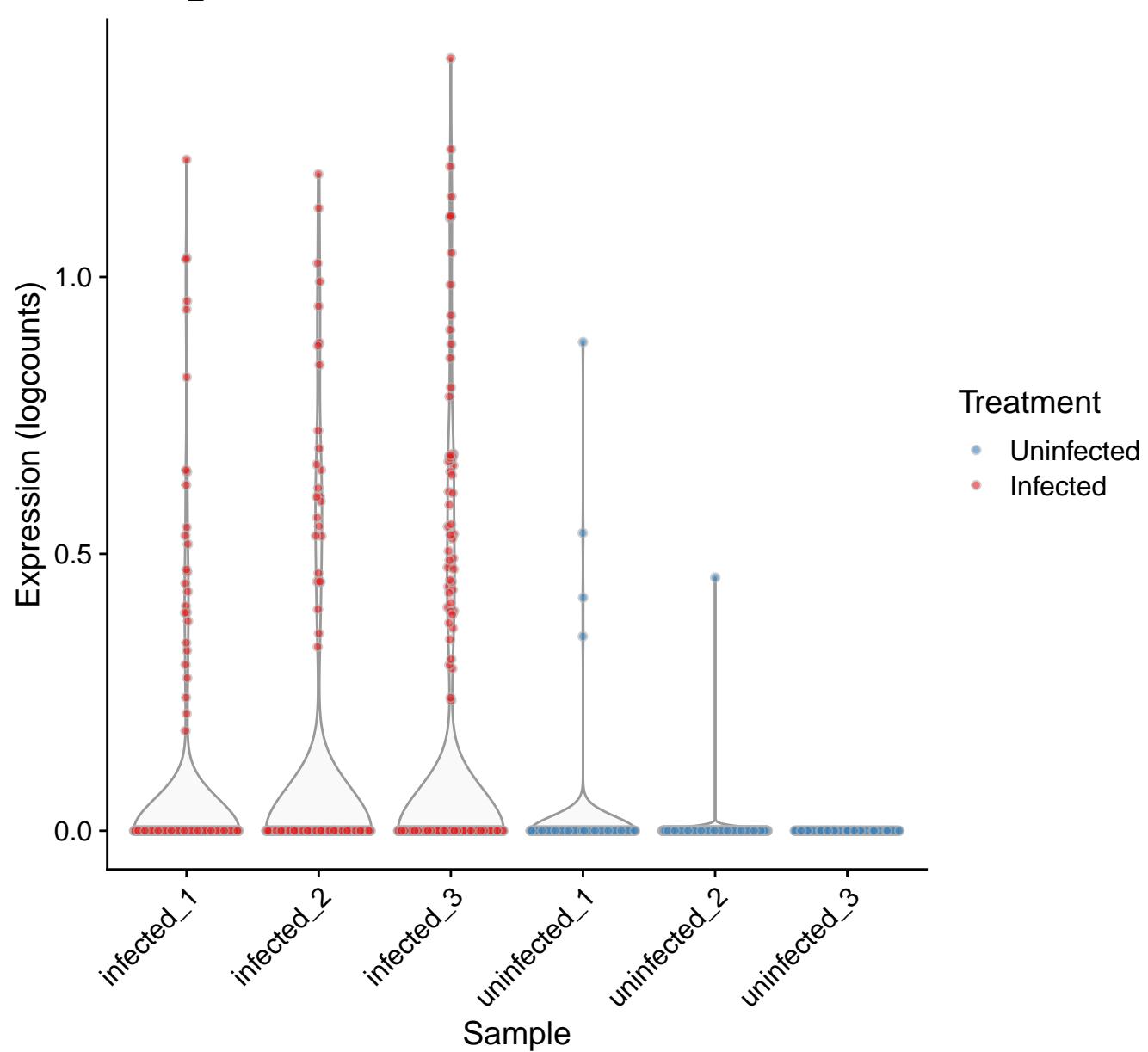
DSTN (FDR = 0.002)

cluster_10



MYOF (FDR = 0.002)

cluster_10



IL21R (FDR = 0.002)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

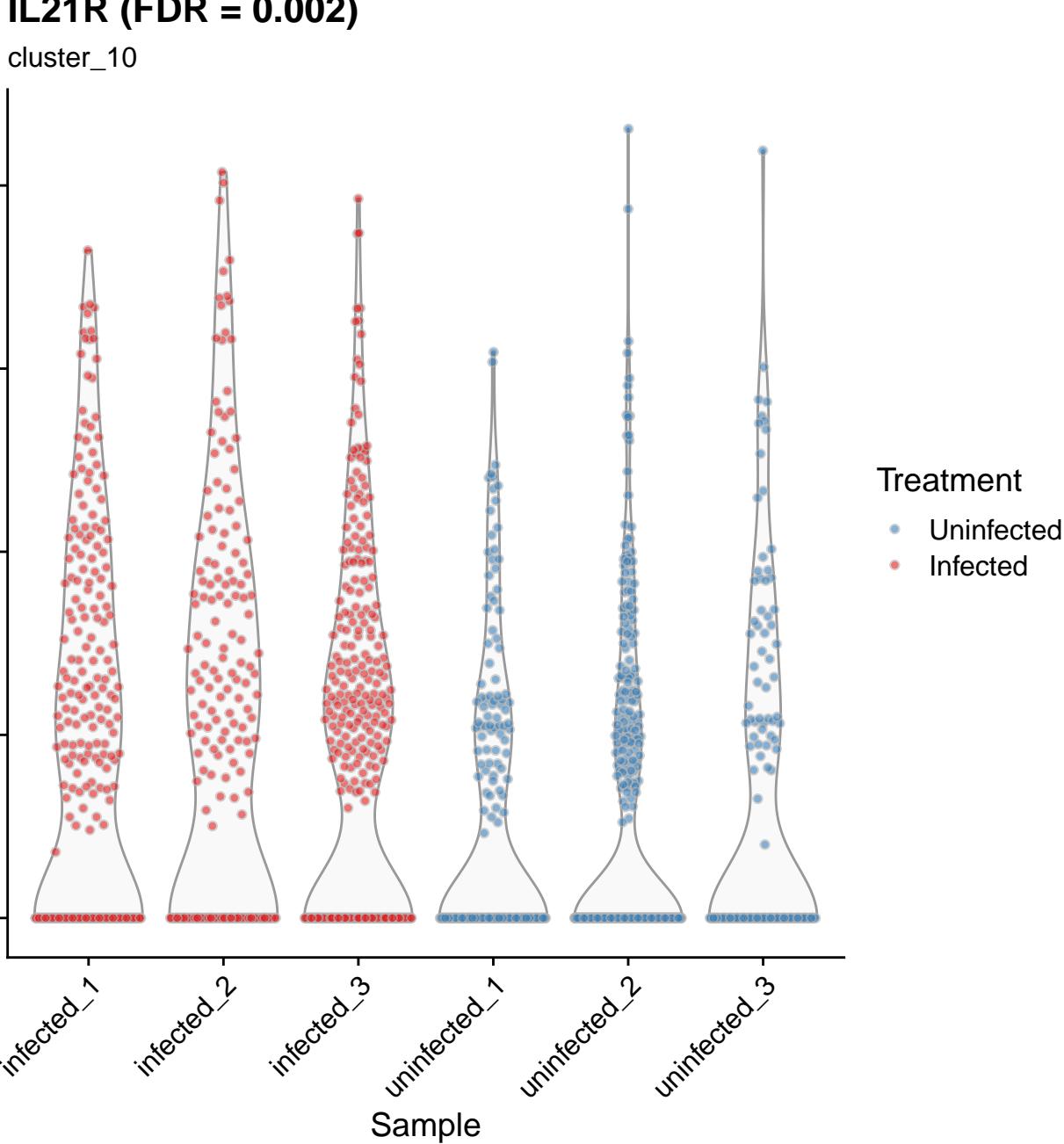
infected_3

Sample

uninfected_1

uninfected_2

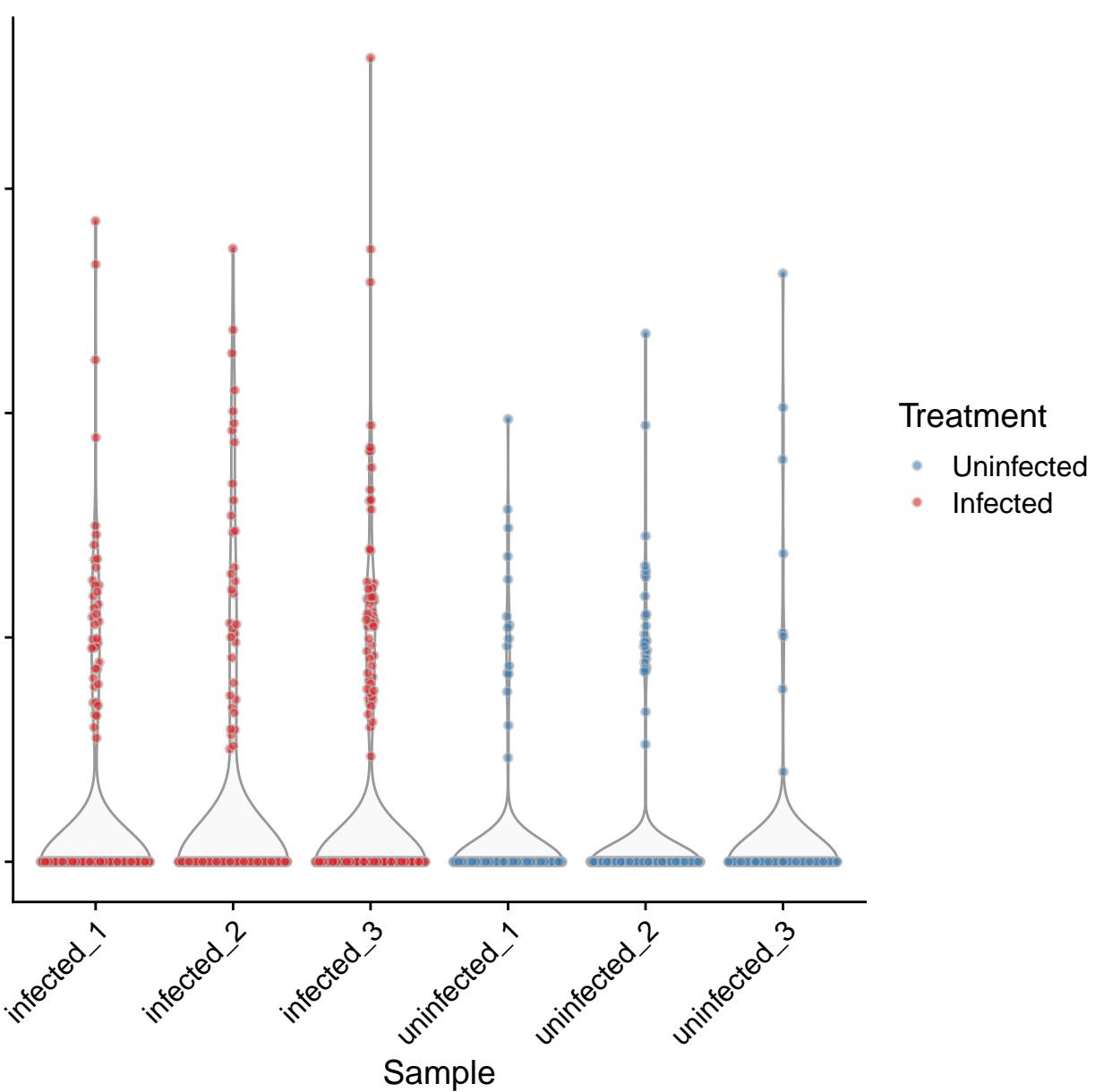
uninfected_3



MTX3 (FDR = 0.002)

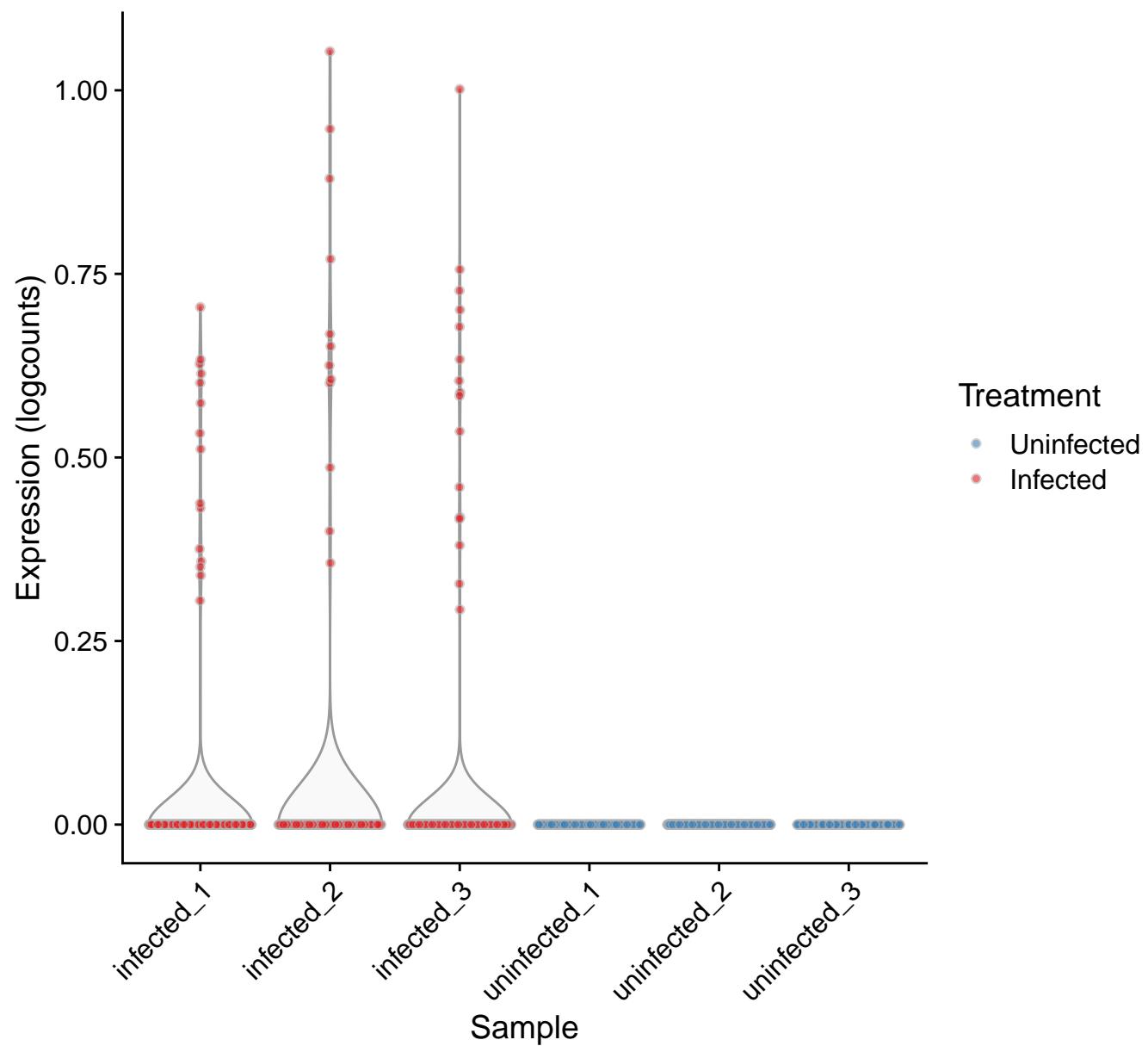
cluster_10

Expression (logcounts)



LHFPL3 (FDR = 0.002)

cluster_10



BCL7A (FDR = 0.002)

cluster_10

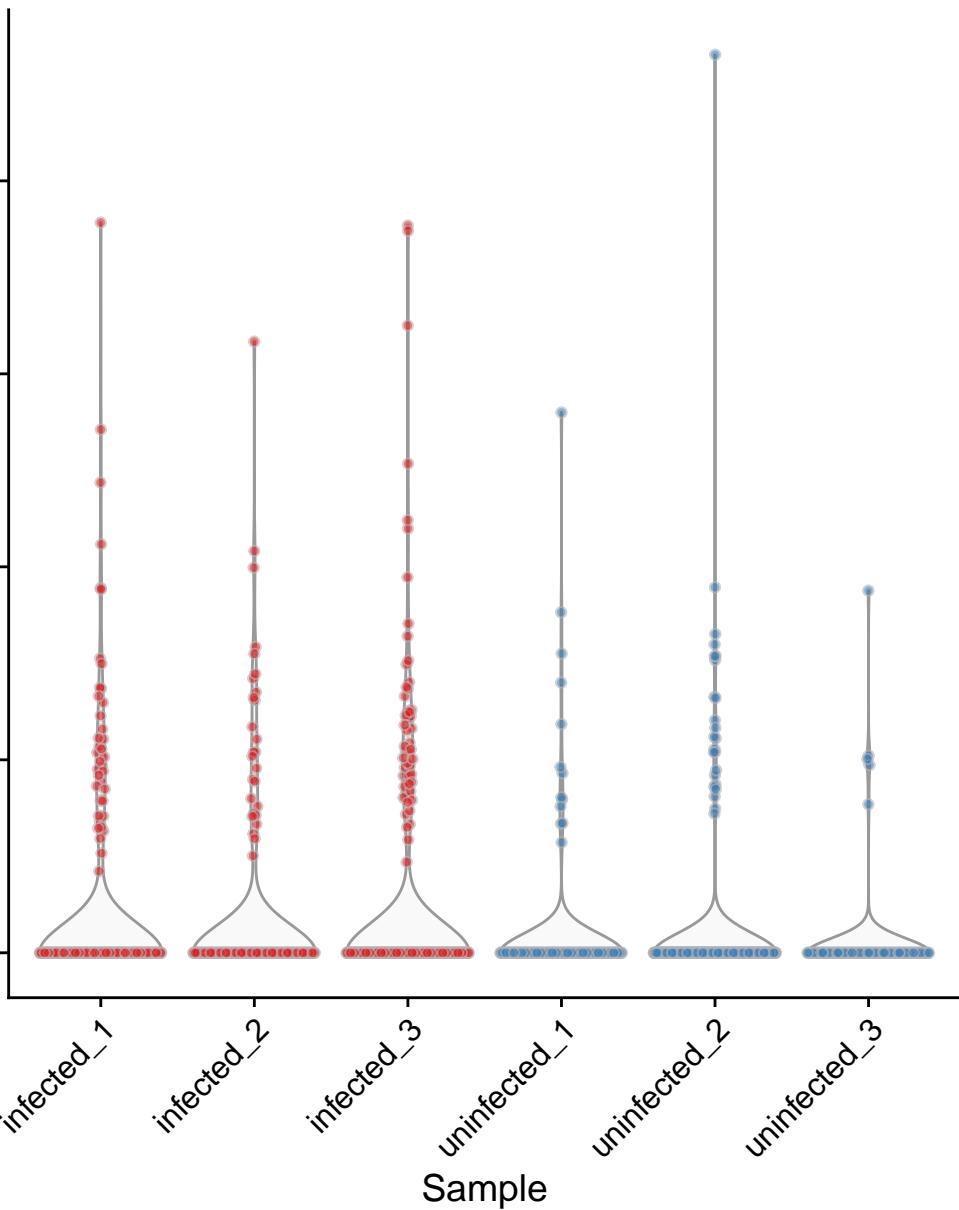
Expression (logcounts)

2.0
1.5
1.0
0.5
0.0

infected_1 infected_2 infected_3 uninfected_1 uninfected_2 uninfected_3

Sample

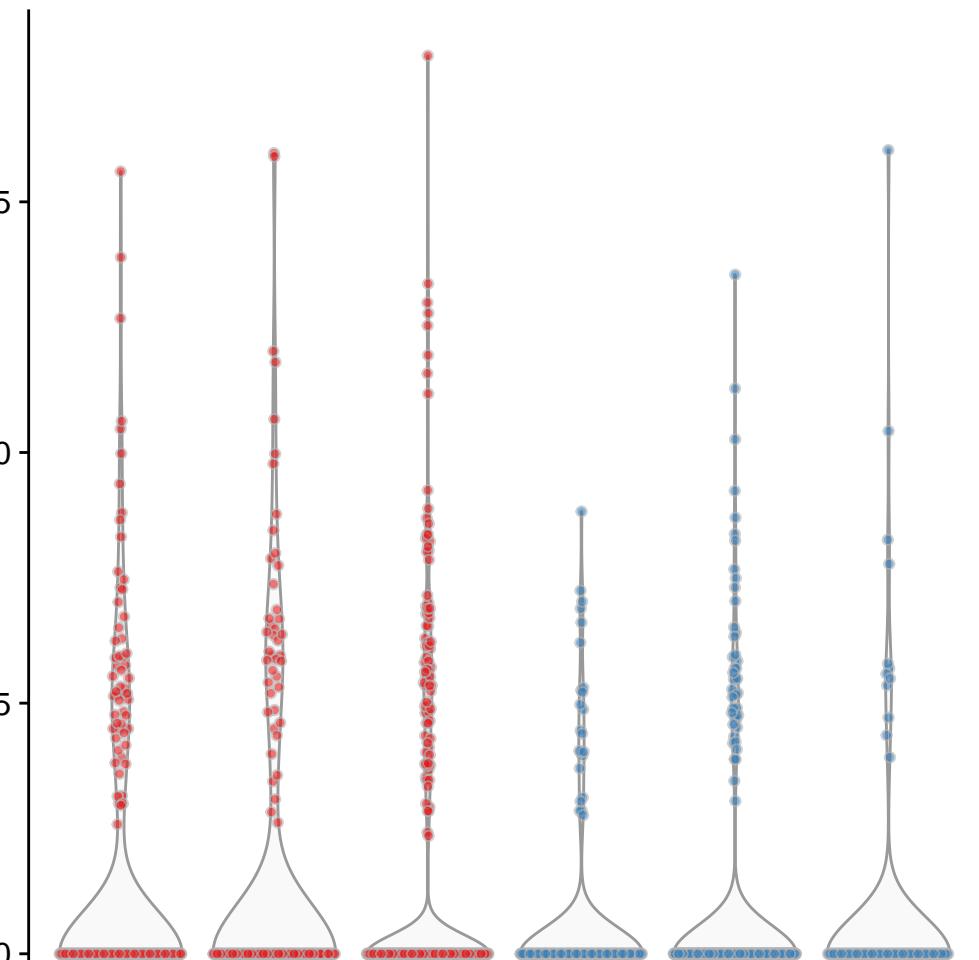
Treatment
Uninfected
Infected



ARSG (FDR = 0.002)

cluster_10

Expression (logcounts)



Treatment

- Uninfected
- Infected

Sample

NFATC1 (FDR = 0.002)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

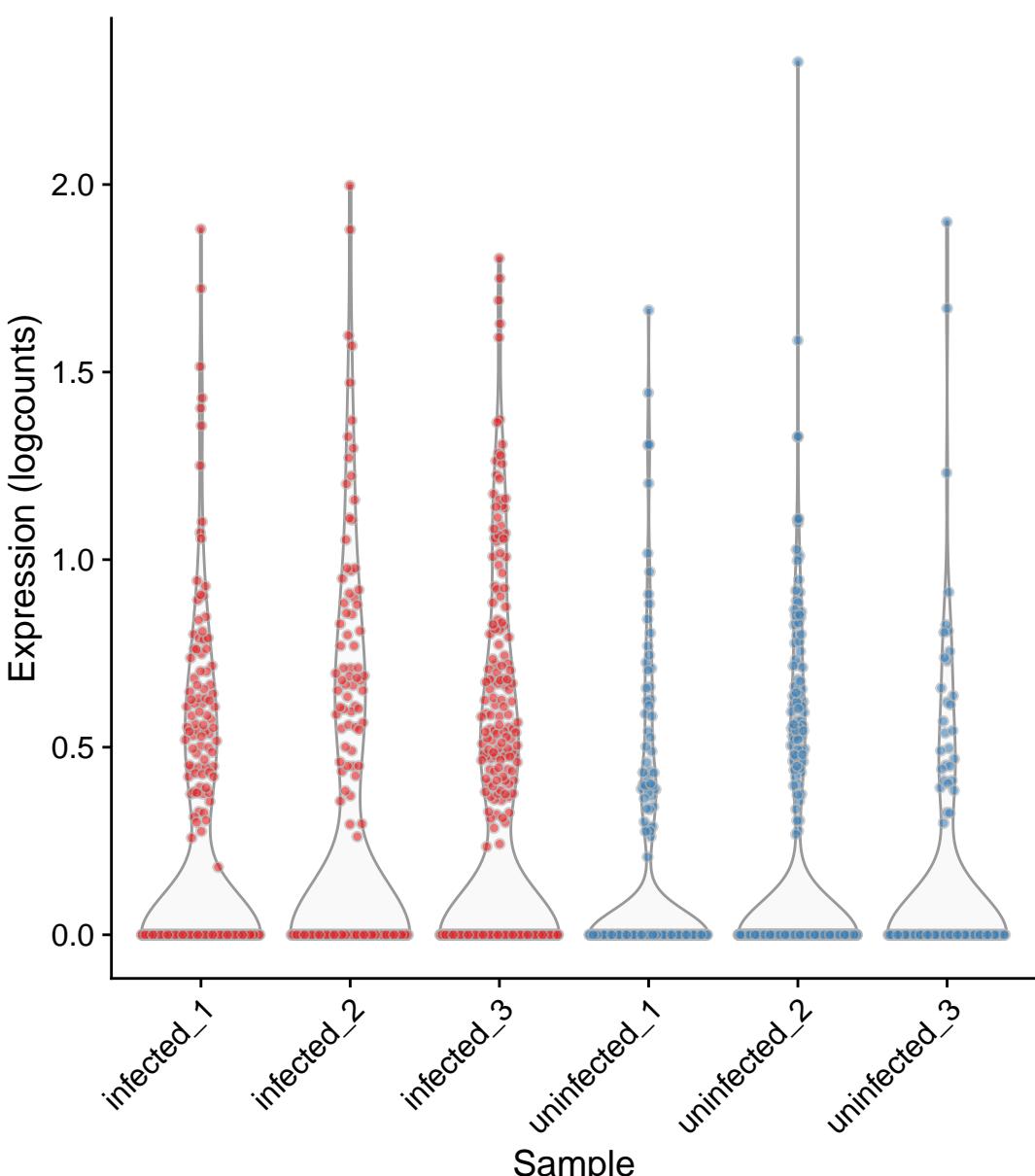
infected_3

Sample

uninfected_1

uninfected_2

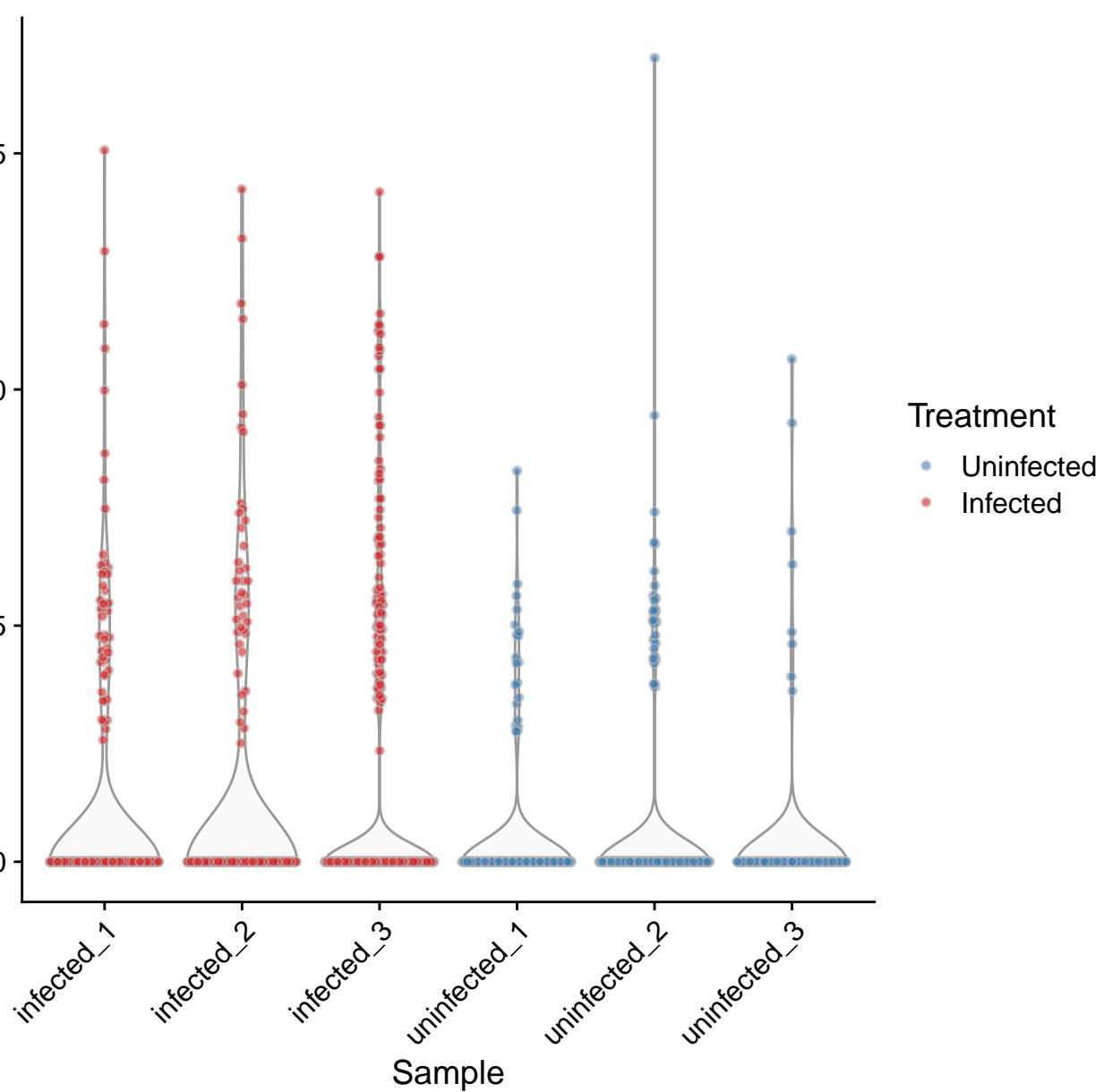
uninfected_3



FZD6 (FDR = 0.003)

cluster_10

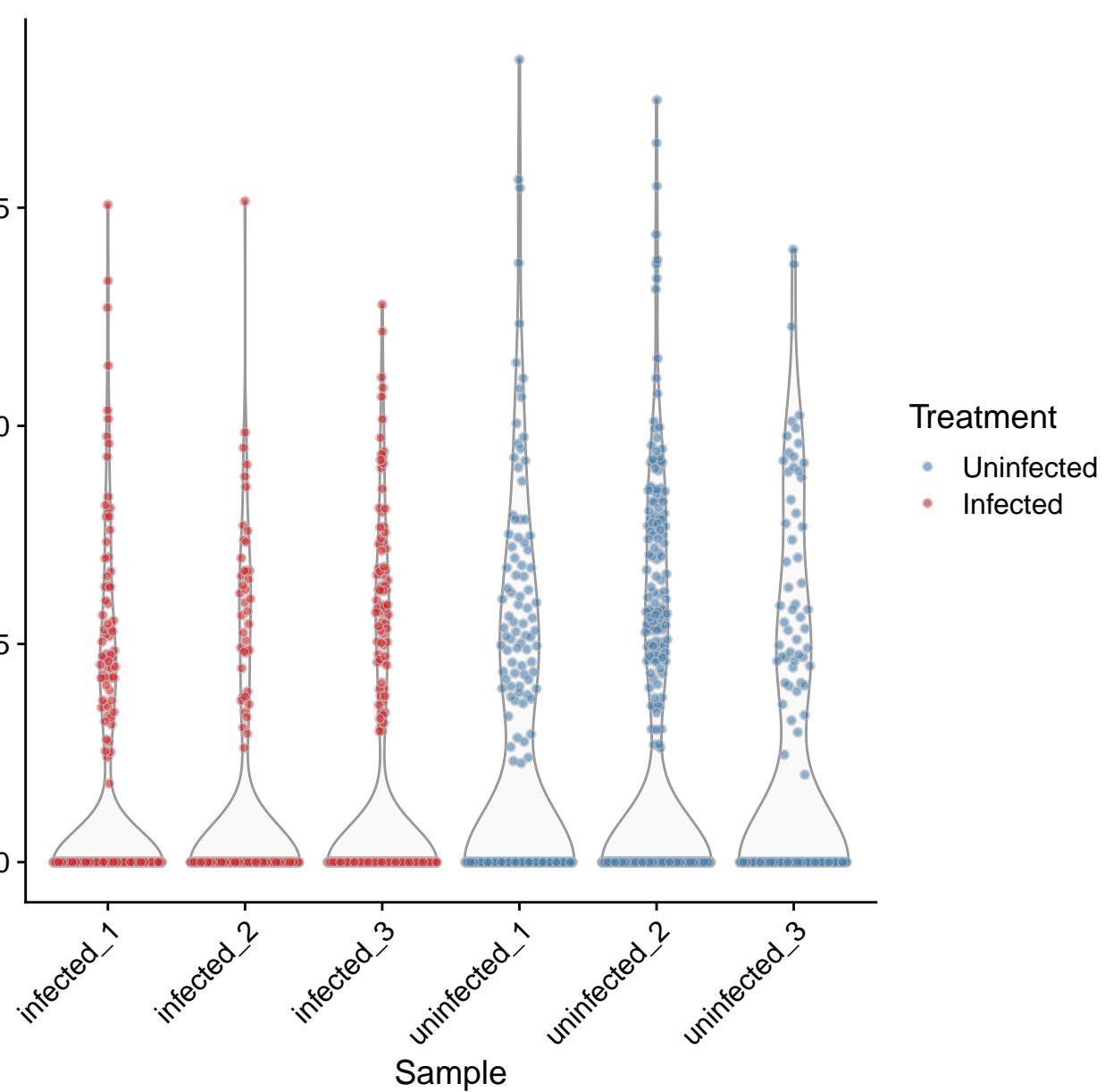
Expression (logcounts)



TMEM263 (FDR = 0.003)

cluster_10

Expression (logcounts)



SAMHD1 (FDR = 0.003)

cluster_10

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

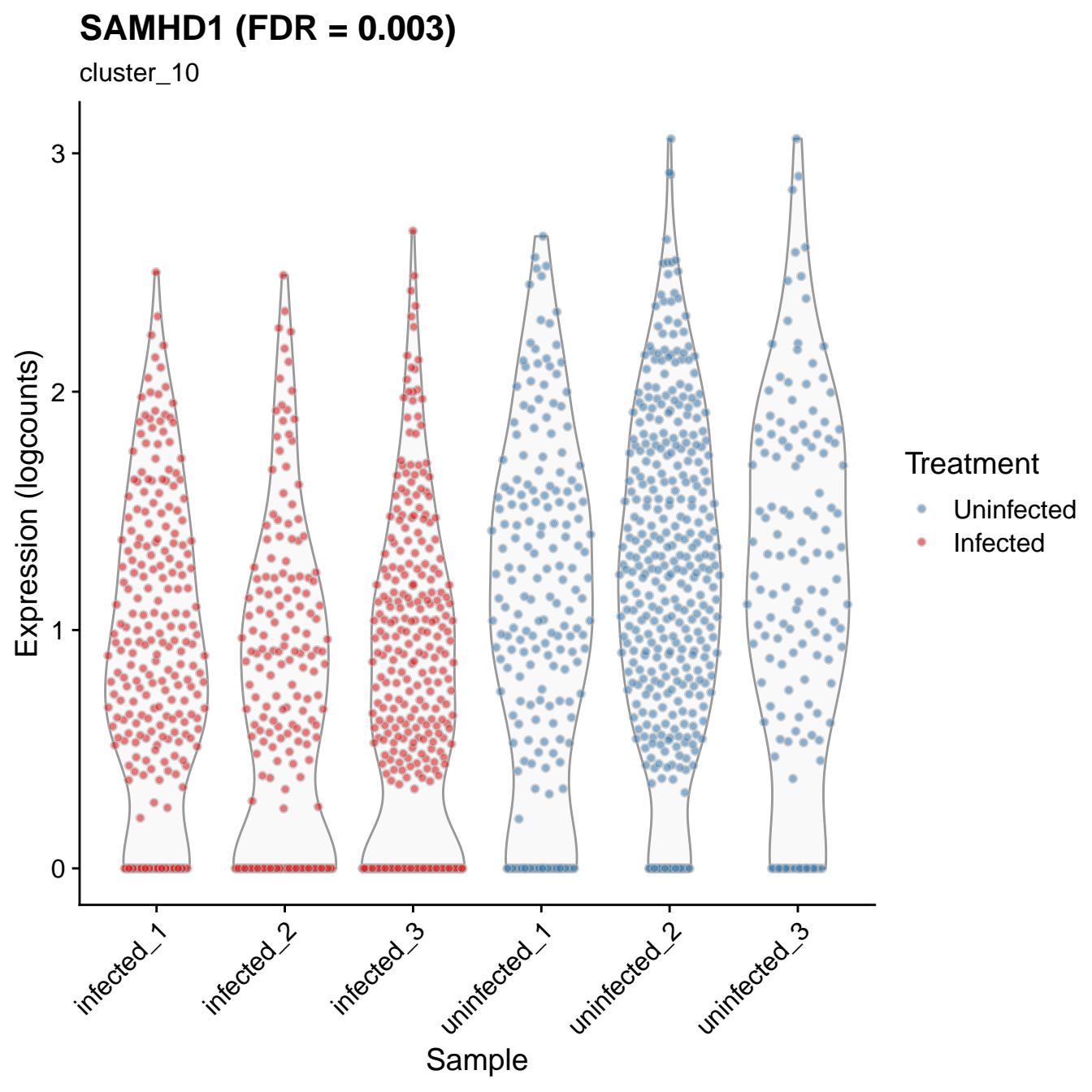
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



PTPRM (FDR = 0.003)

cluster_10

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected_1

infected_2

infected_3

uninfected_1

uninfected_2

uninfected_3

Sample

1.5

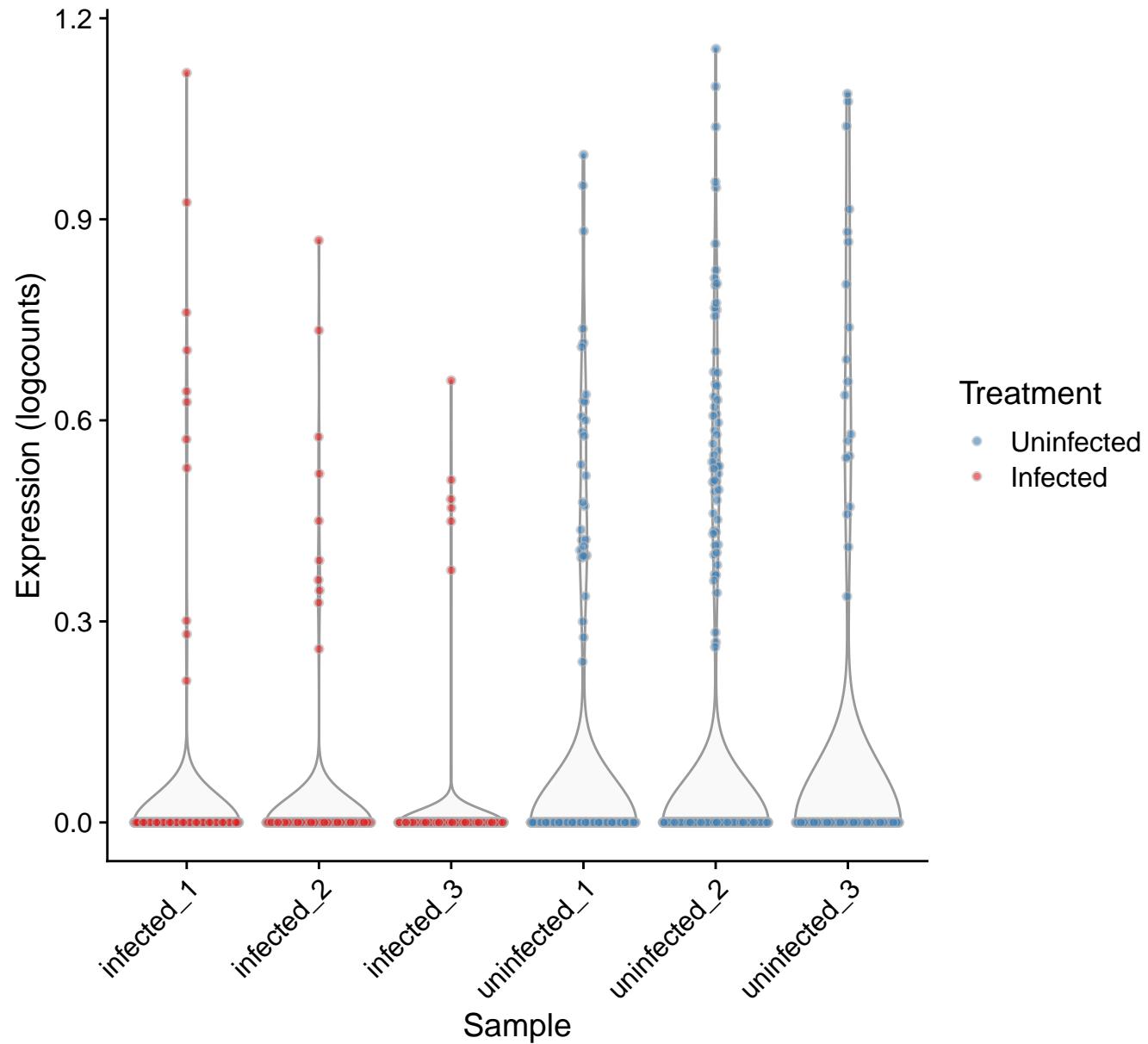
1.0

0.5

0.0

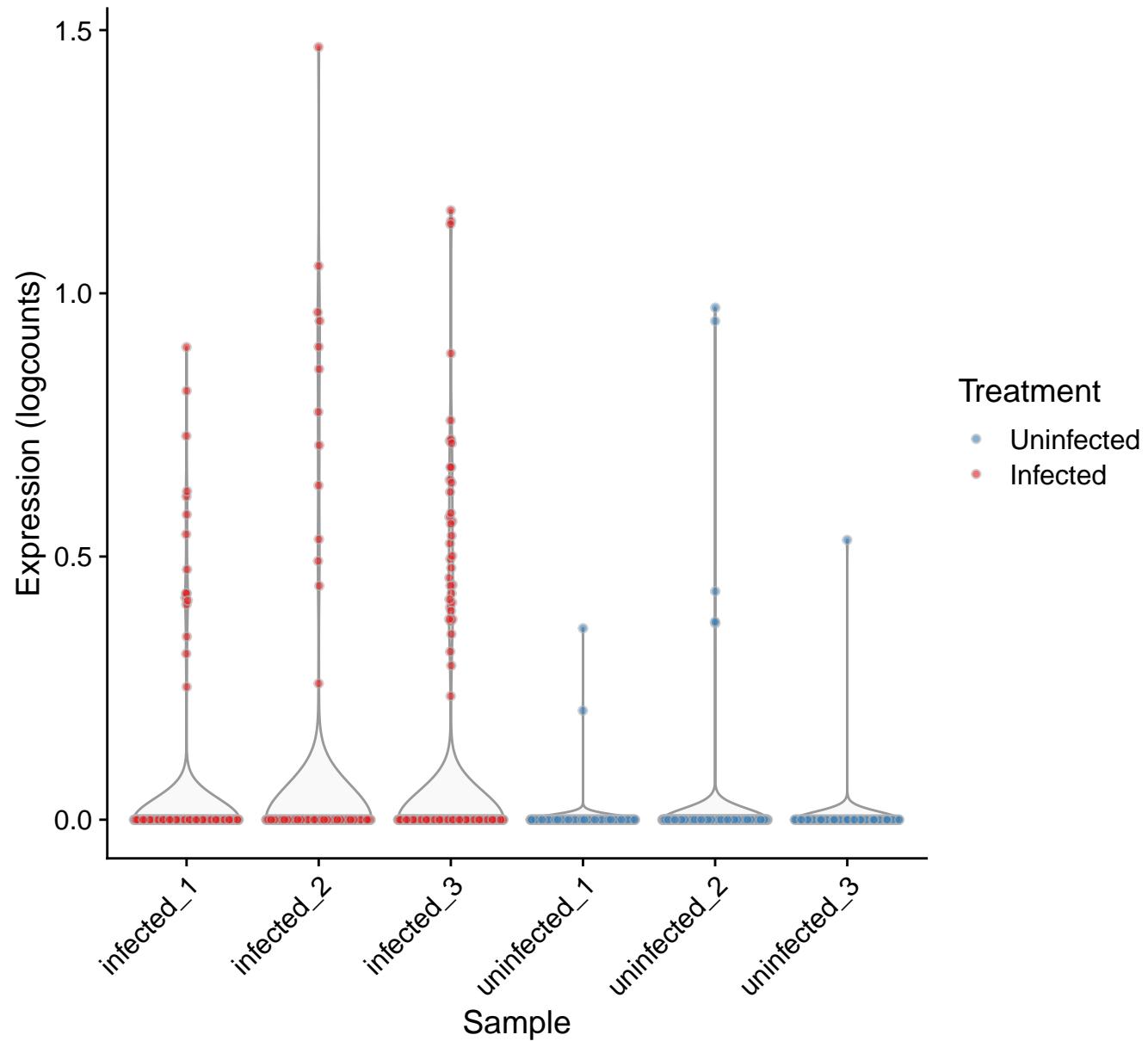
ARHGAP31 (FDR = 0.003)

cluster_10



DAPK2 (FDR = 0.003)

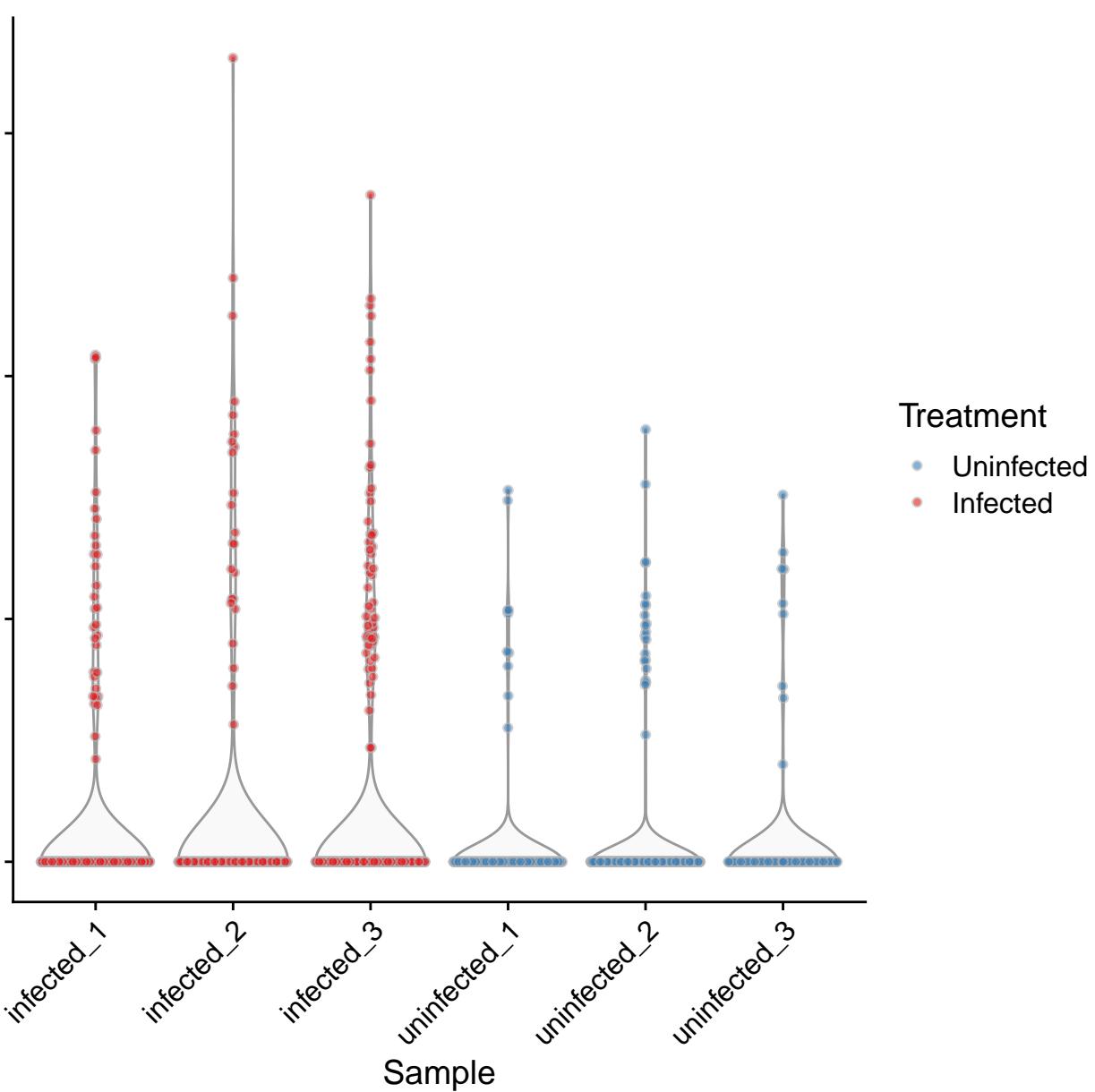
cluster_10



CCNE1 (FDR = 0.003)

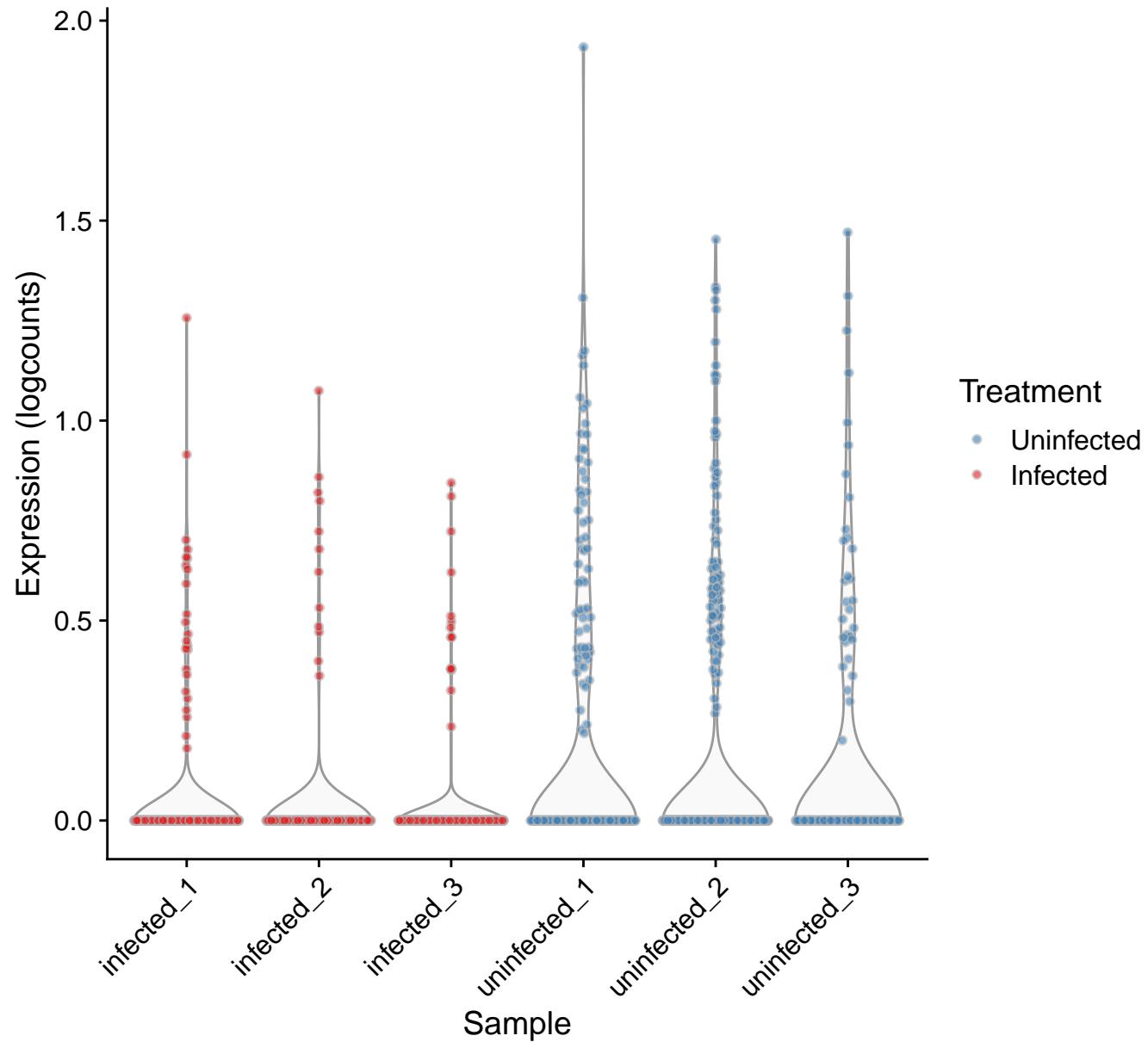
cluster_10

Expression (logcounts)



NDFIP2 (FDR = 0.003)

cluster_10



TRERF1 (FDR = 0.003)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

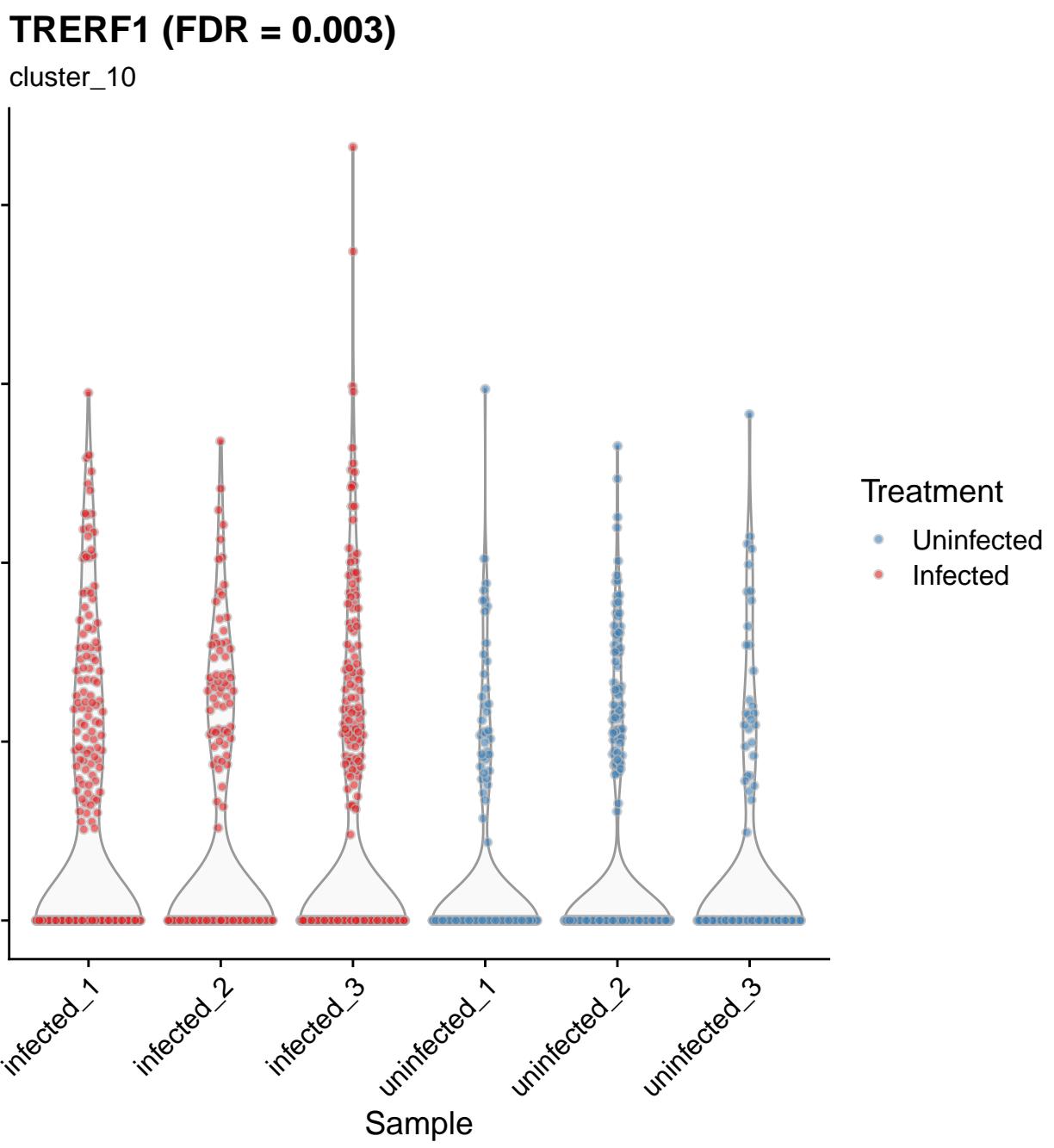
infected_3

Sample

uninfected_1

uninfected_2

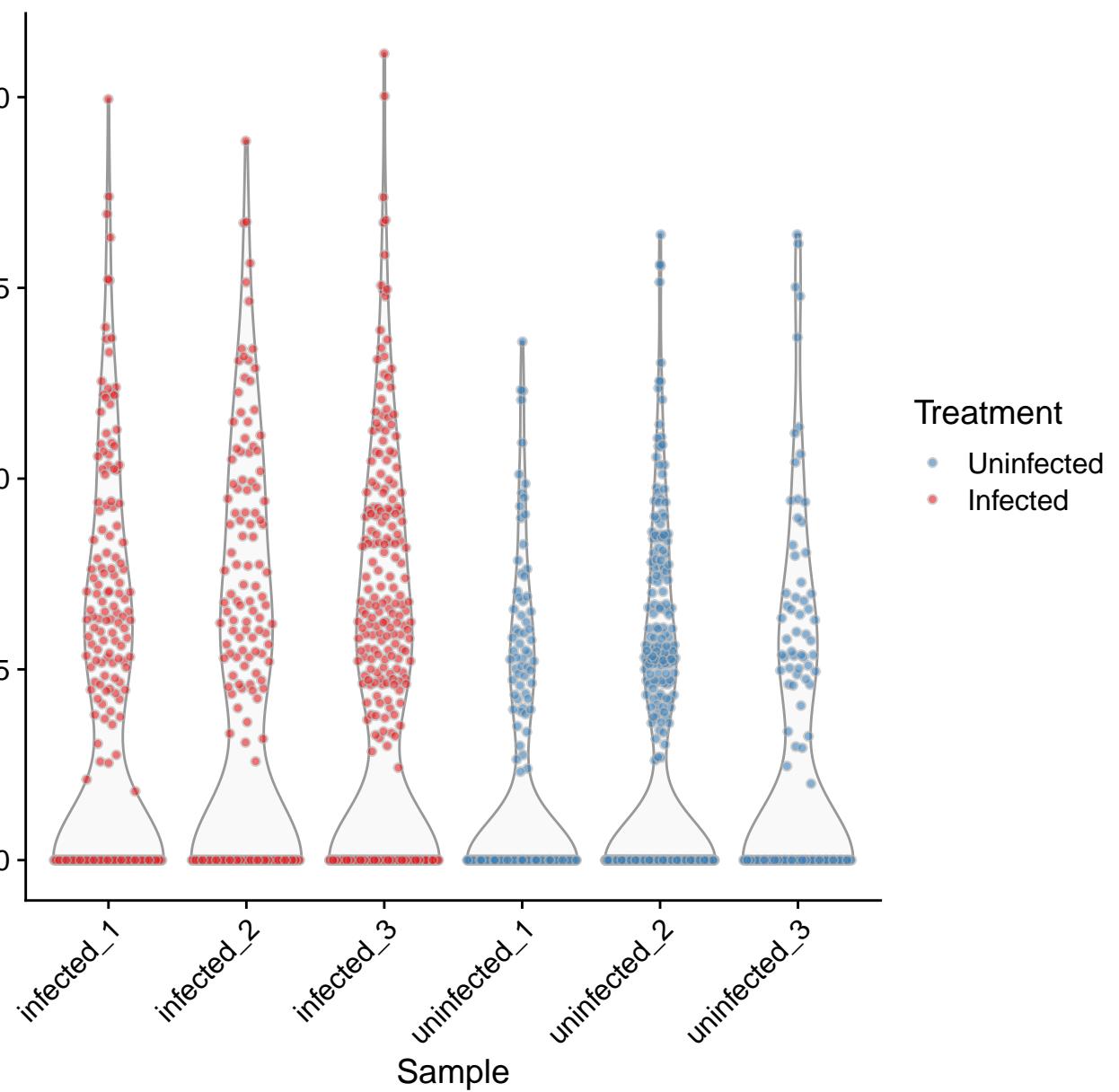
uninfected_3



ATXN1 (FDR = 0.003)

cluster_10

Expression (logcounts)



CAMK1 (FDR = 0.003)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample



SNAP47 (FDR = 0.003)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

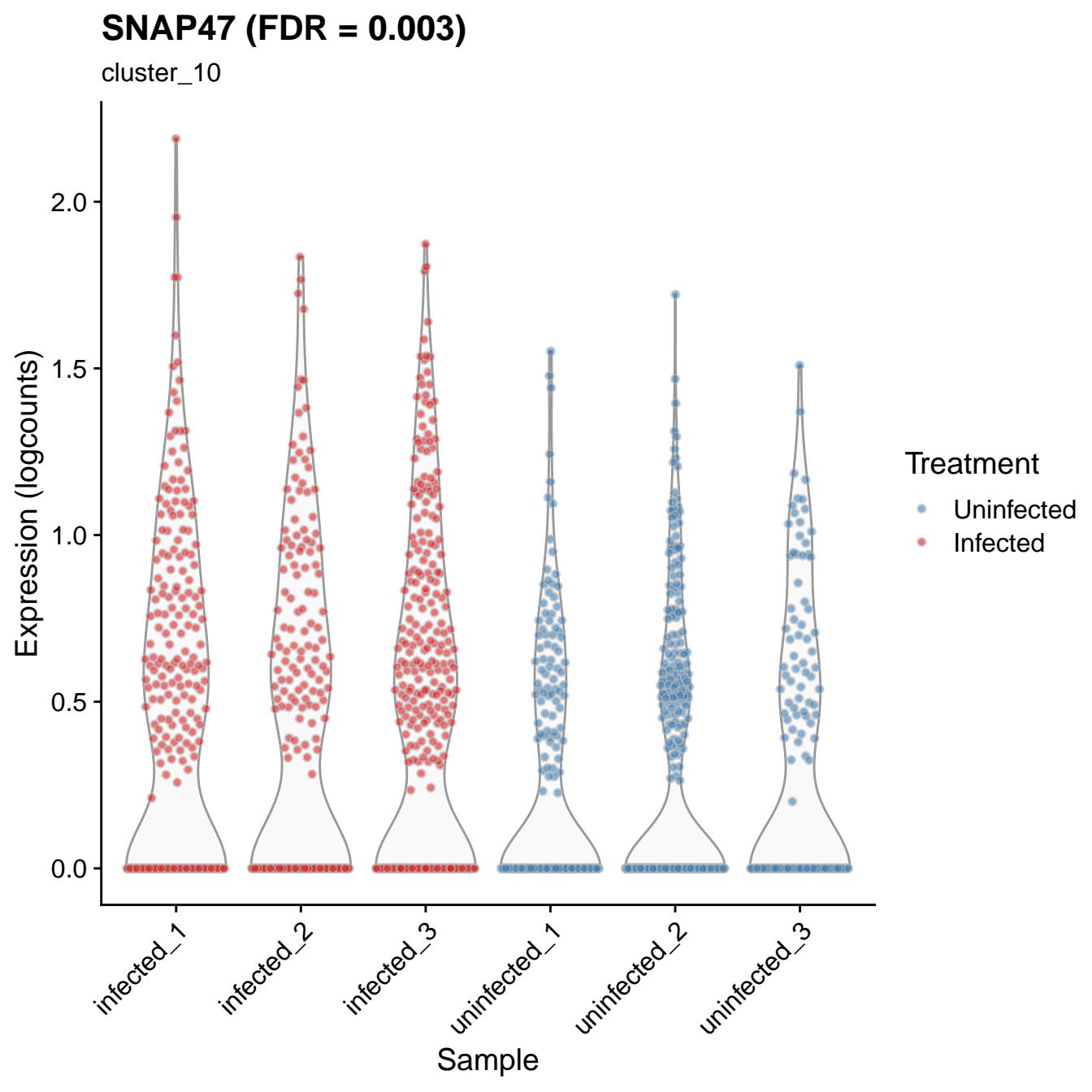
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



STAT4 (FDR = 0.003)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

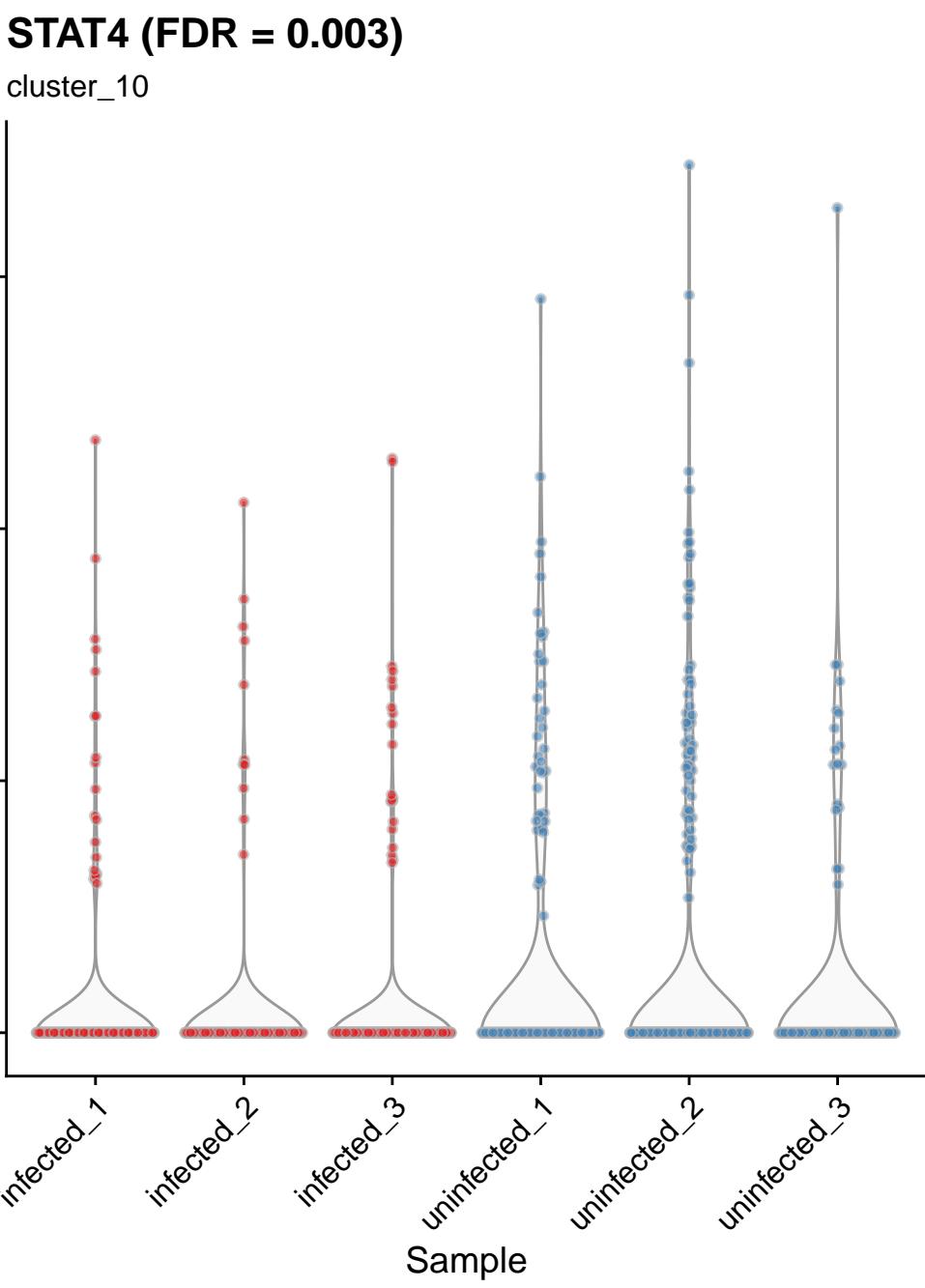
infected_3

Sample

uninfected_1

uninfected_2

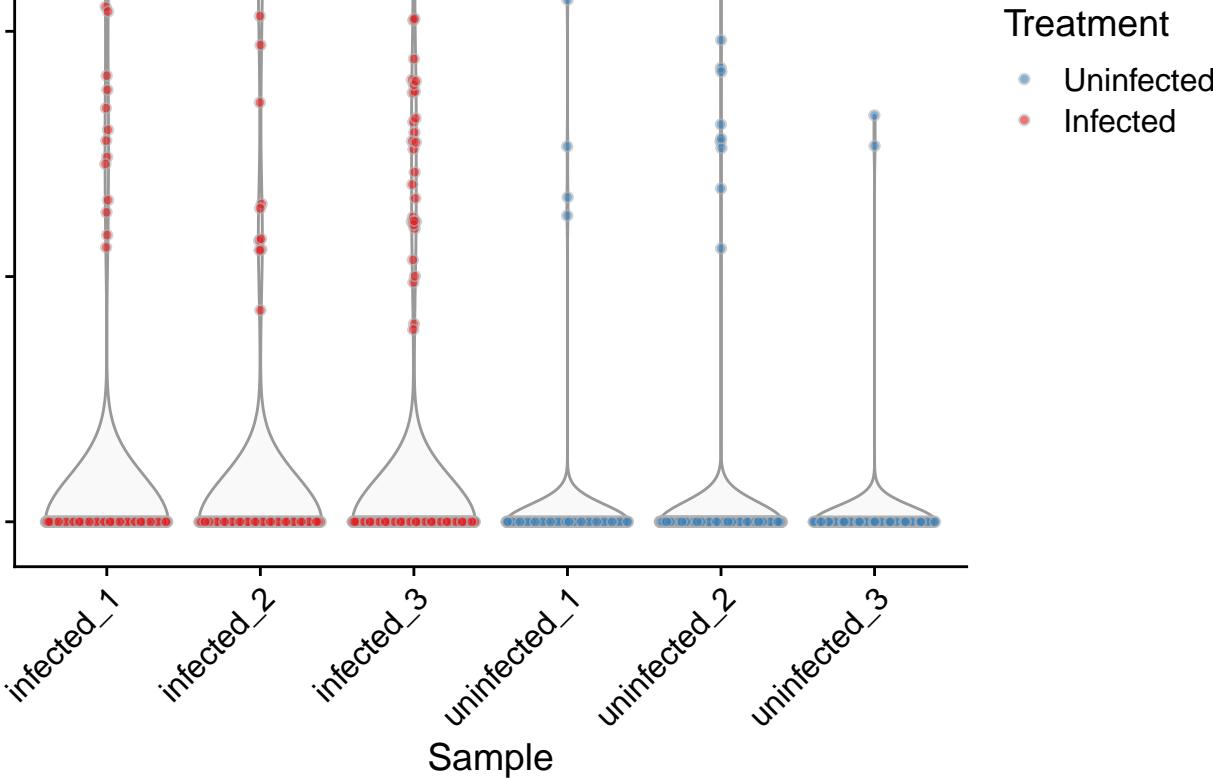
uninfected_3



DRAM1 (FDR = 0.003)

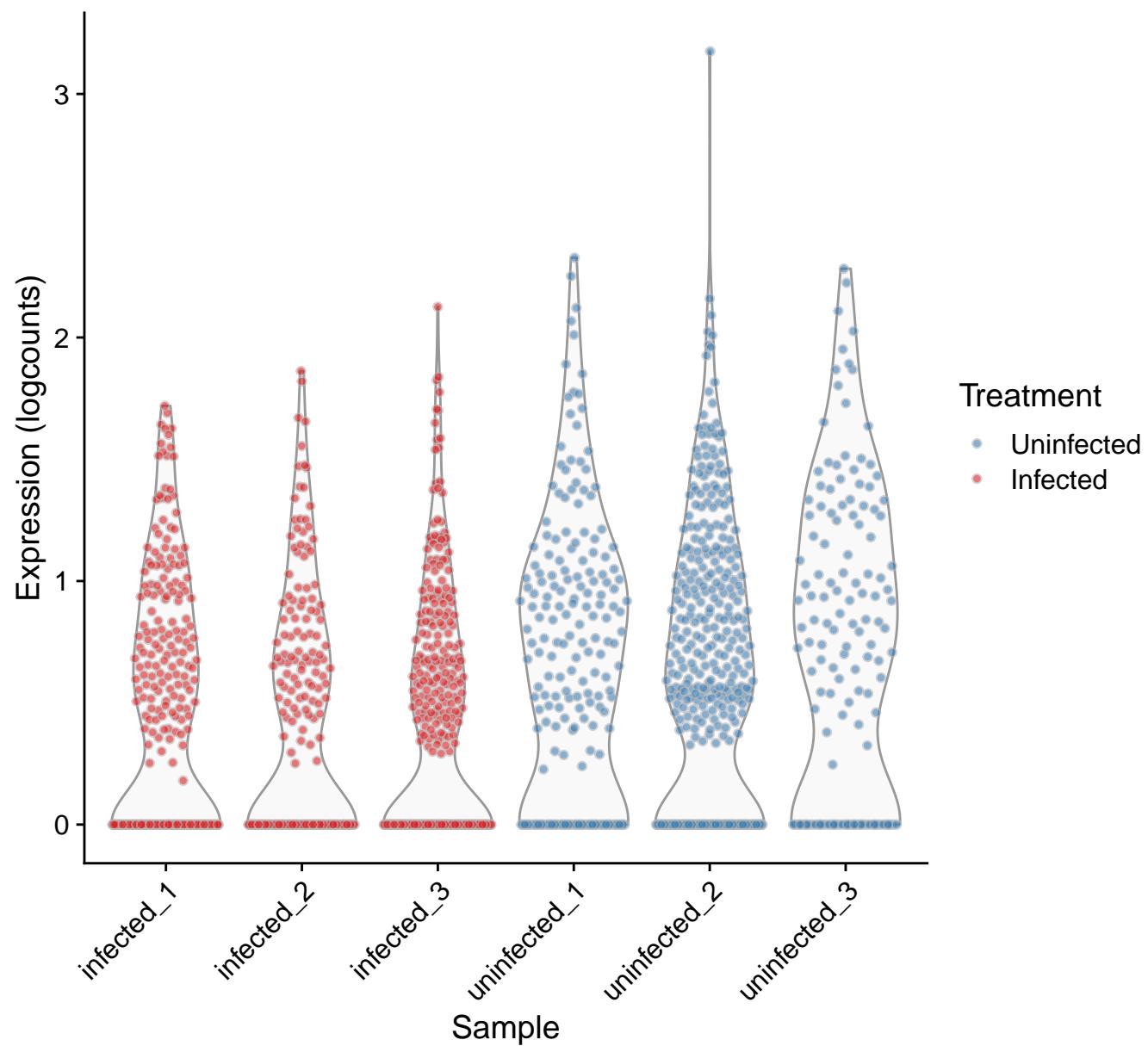
cluster_10

Expression (logcounts)



ETHE1 (FDR = 0.003)

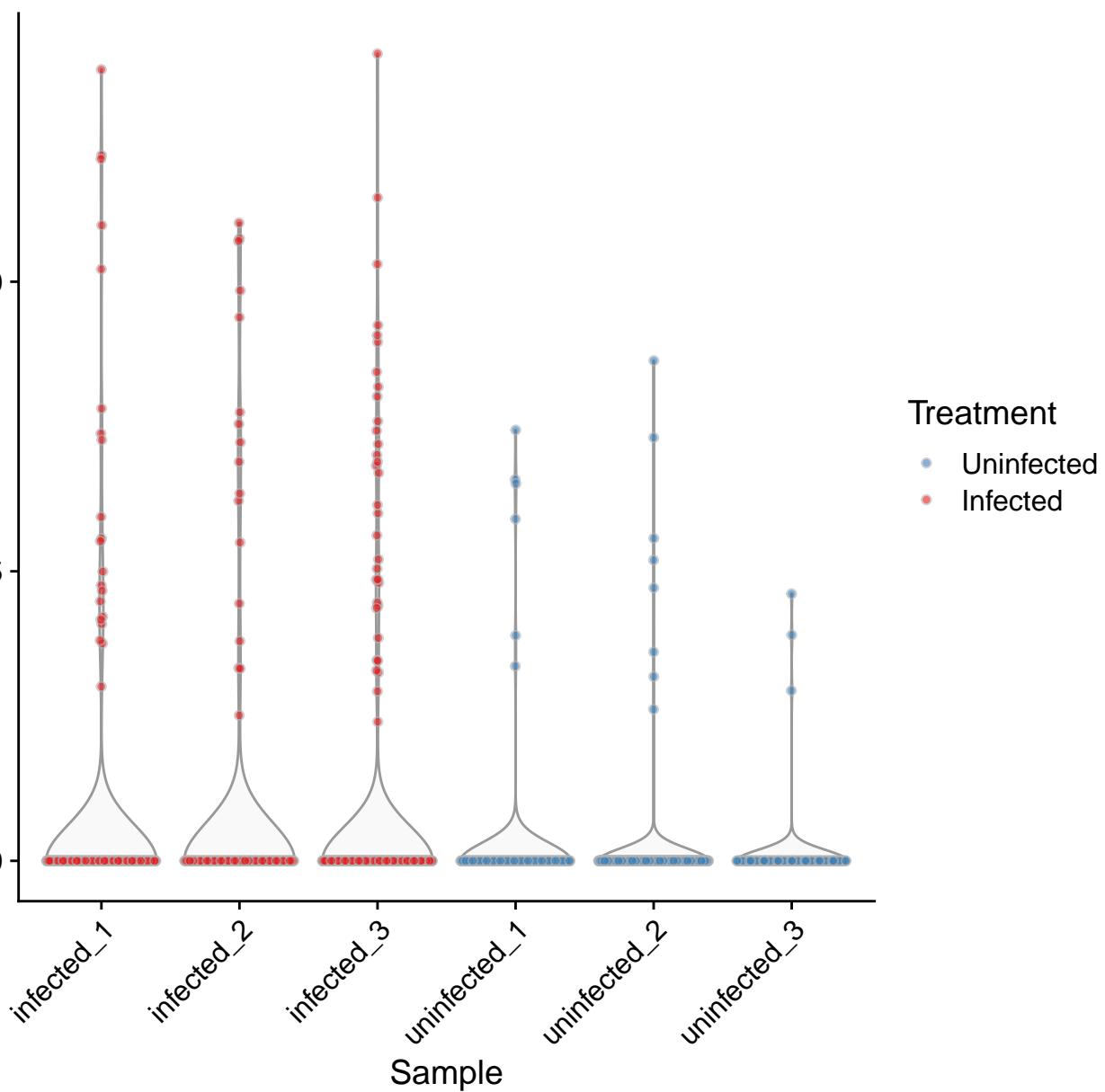
cluster_10



SOWAHD (FDR = 0.003)

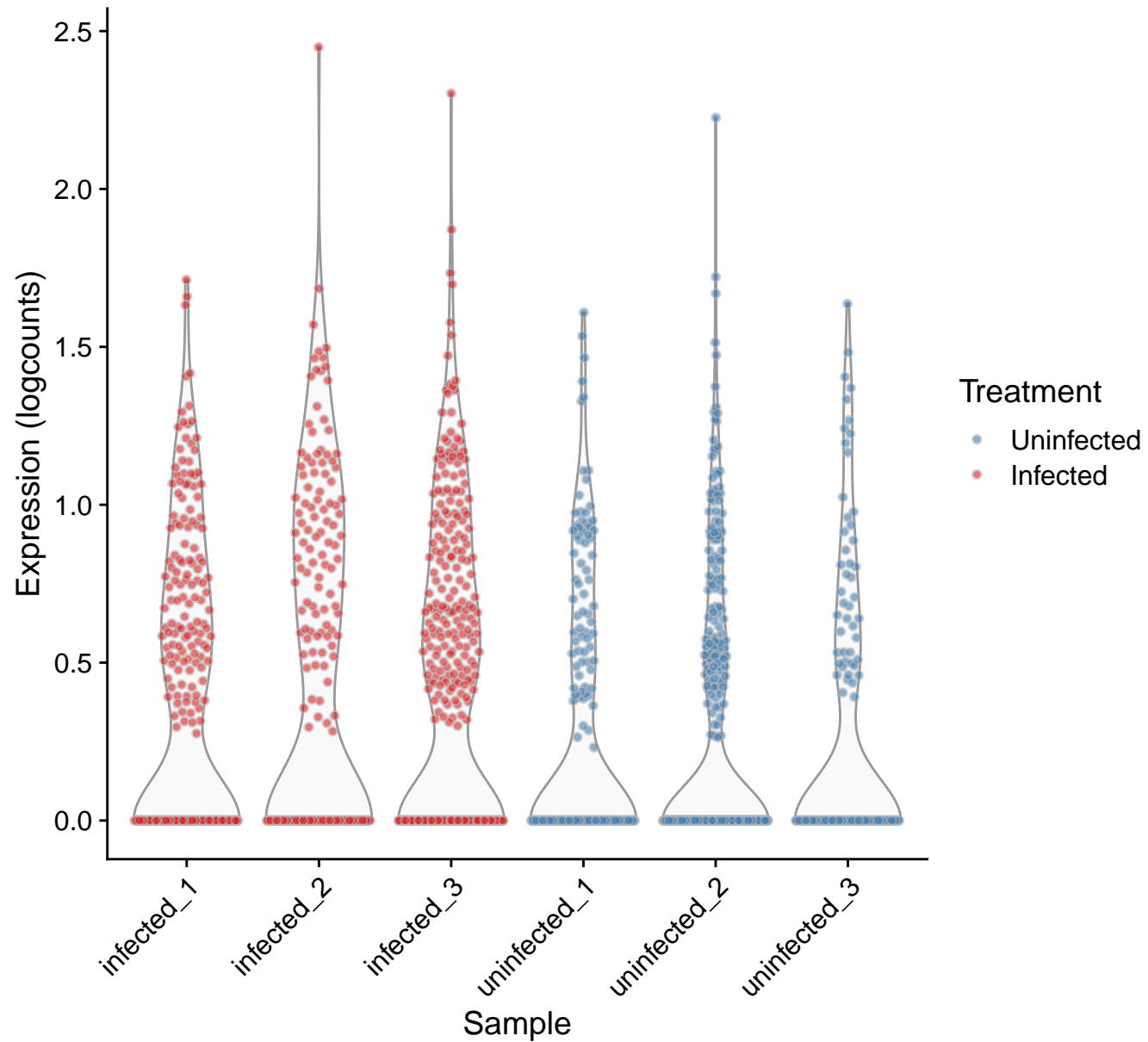
cluster_10

Expression (logcounts)



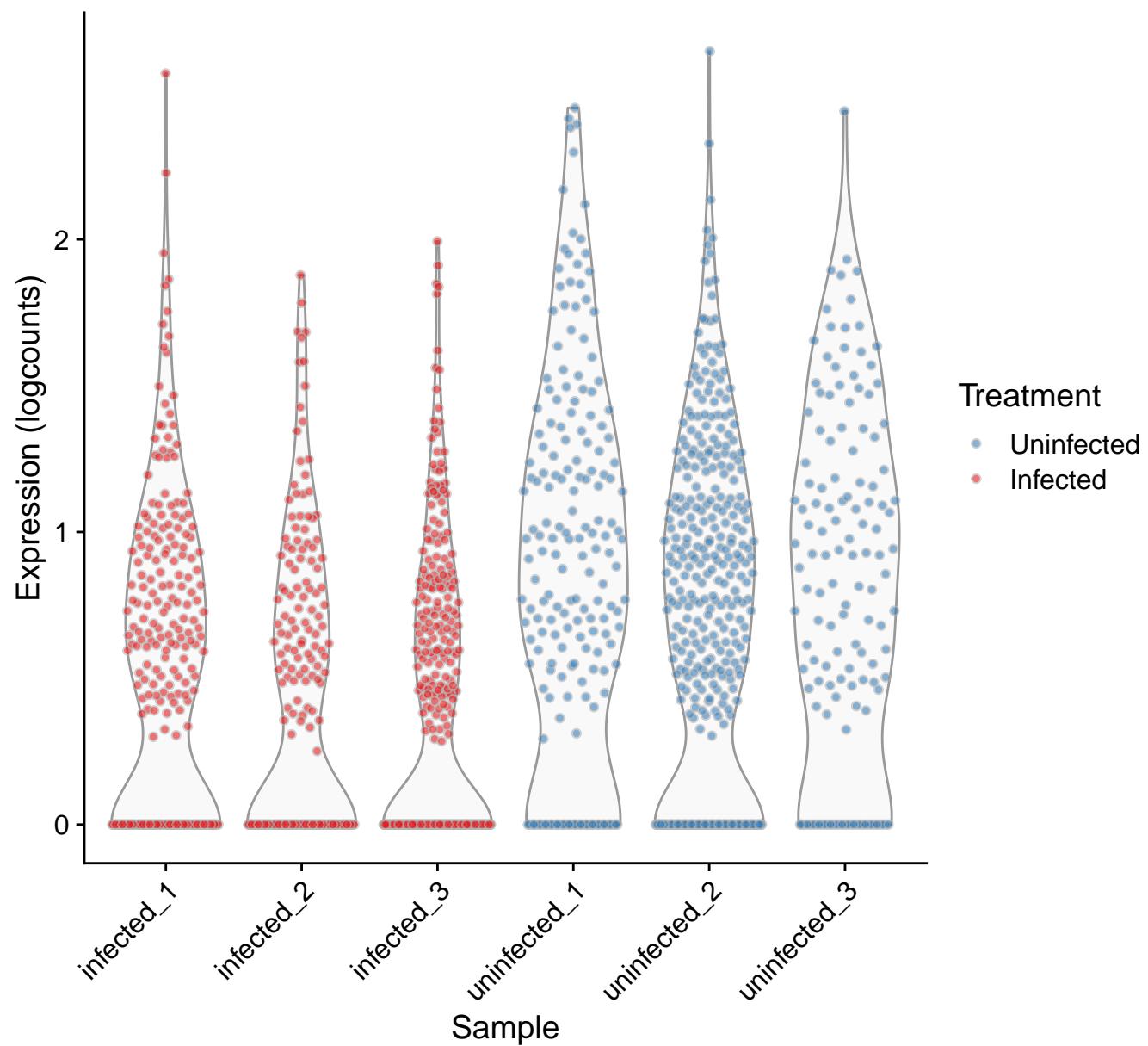
JAKMIP1 (FDR = 0.003)

cluster_10



DNPH1 (FDR = 0.003)

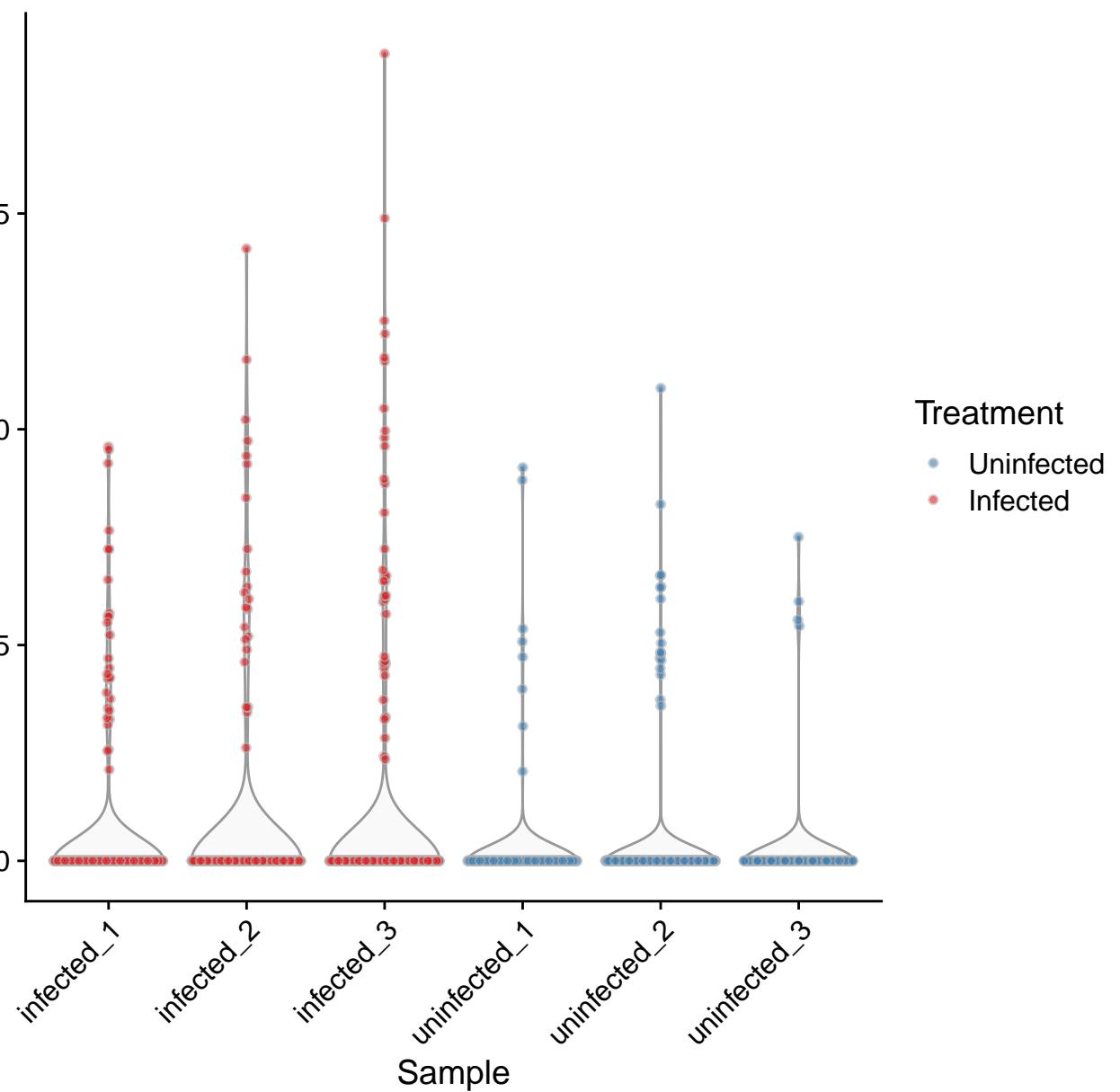
cluster_10



GABARAPL1 (FDR = 0.003)

cluster_10

Expression (logcounts)



CCNA1 (FDR = 0.003)

cluster_10

Expression (logcounts)

infected_1

infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected

1.5

1.0

0.5

0.0

1.6

1.2

0.8

0.4

0.0

1.5

1.2

0.8

0.4

0.0

1.6

1.2

0.8

0.4

0.0

1.0

0.6

0.2

0.0

0.8

0.4

0.0

0.4

0.2

0.0

0.0

0.0

0.0

0.0

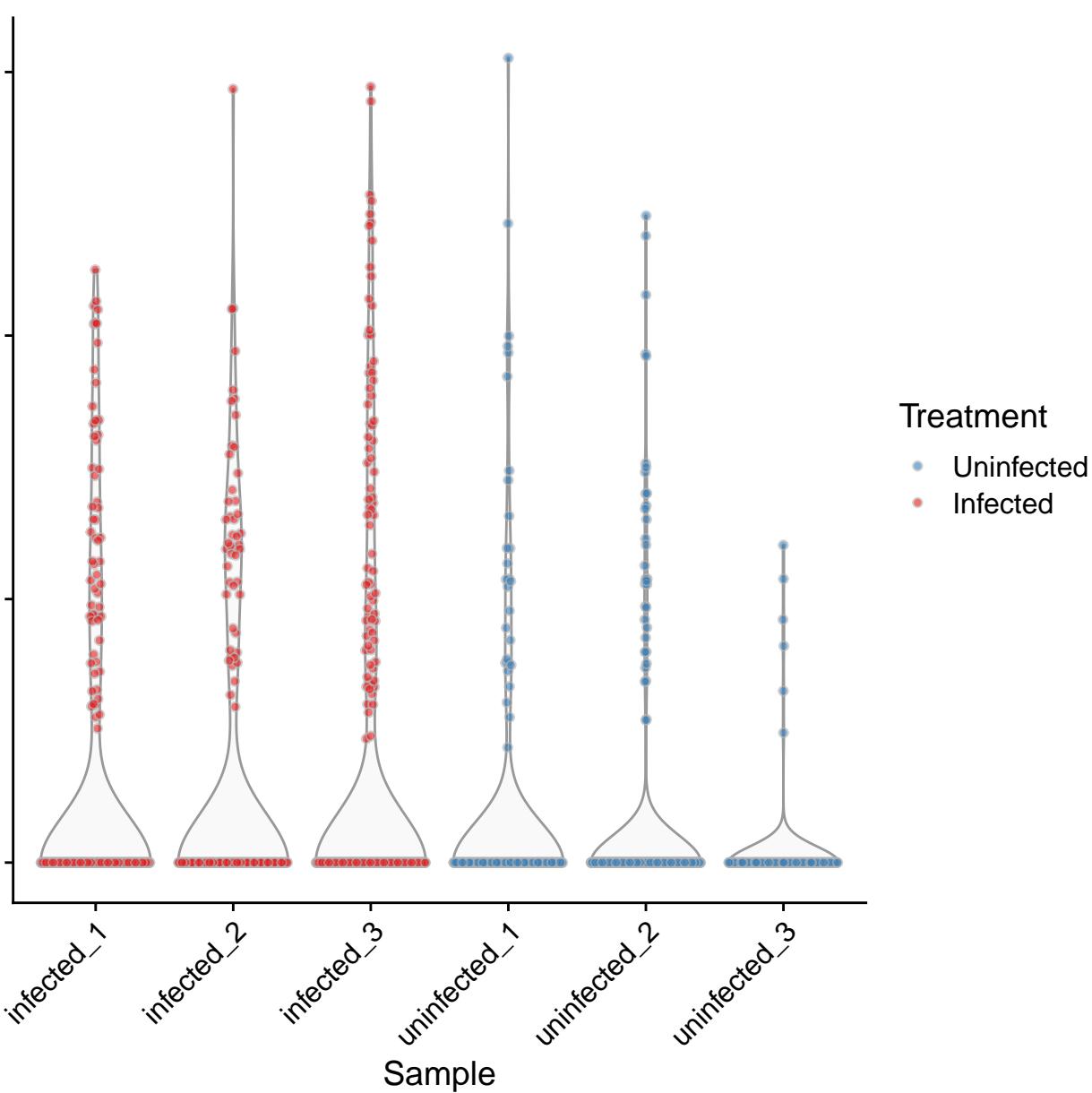
0.0

0.0

AIM2 (FDR = 0.003)

cluster_10

Expression (logcounts)



TSPAN14 (FDR = 0.003)

cluster_10

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

Sample

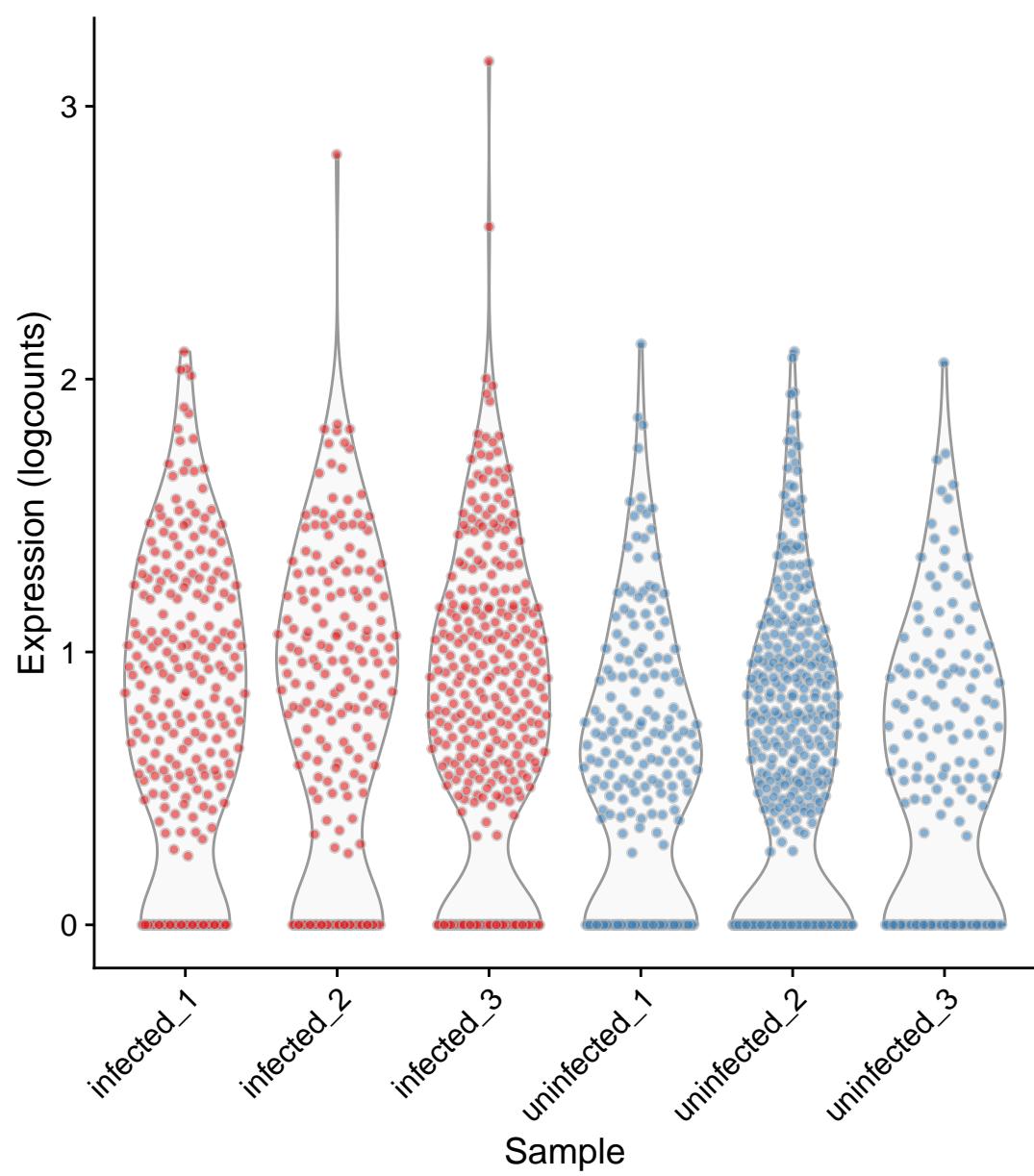
uninfected_1

uninfected_2

uninfected_3

Treatment

- Uninfected
- Infected



ELL2 (FDR = 0.003)

cluster_10

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

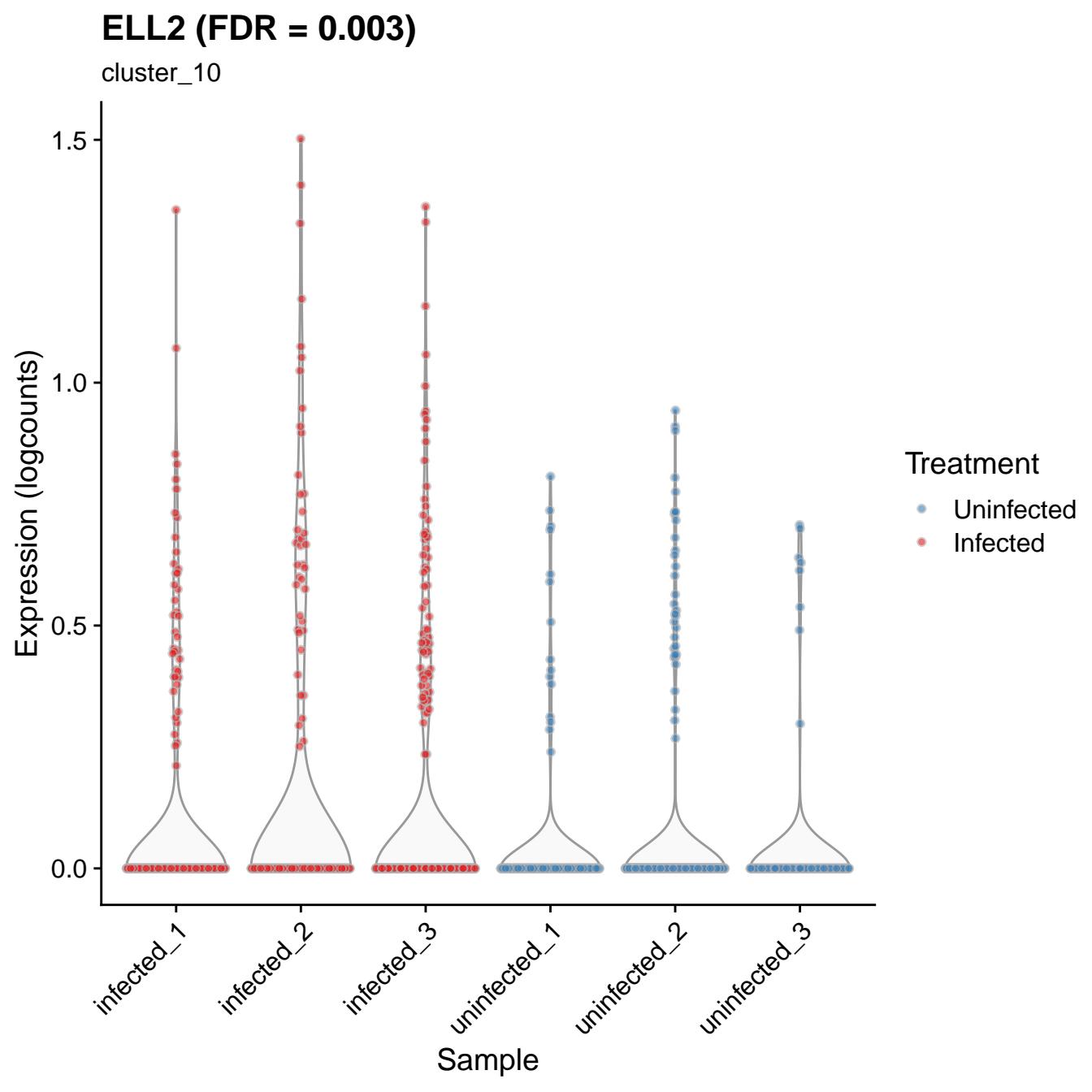
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



JAG1 (FDR = 0.004)

cluster_10

Expression (logcounts)

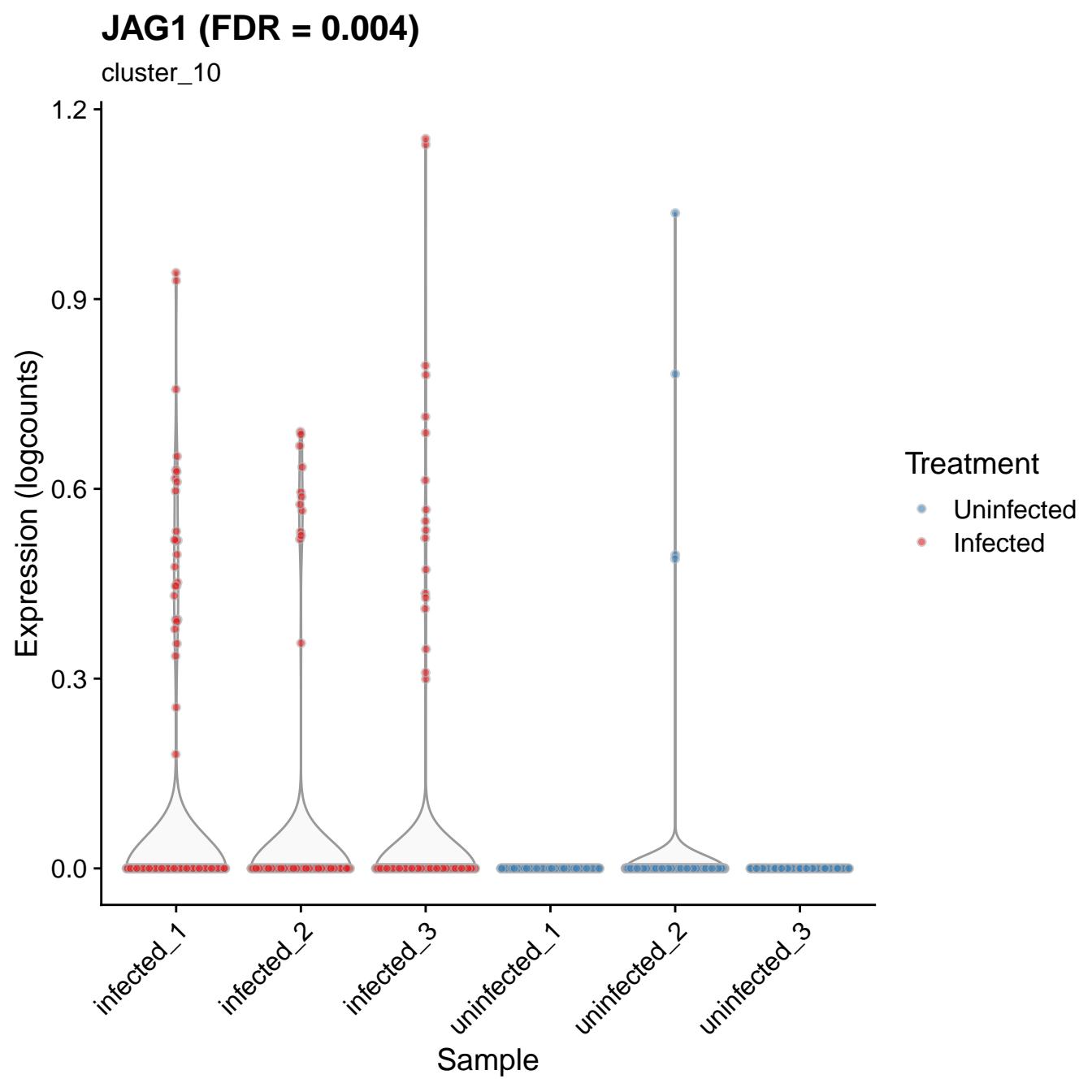
1.2
0.9
0.6
0.3
0.0

infected_1 infected_2 infected_3 uninfected_1 uninfected_2 uninfected_3

Sample

Treatment

- Uninfected
- Infected



METTL8 (FDR = 0.004)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

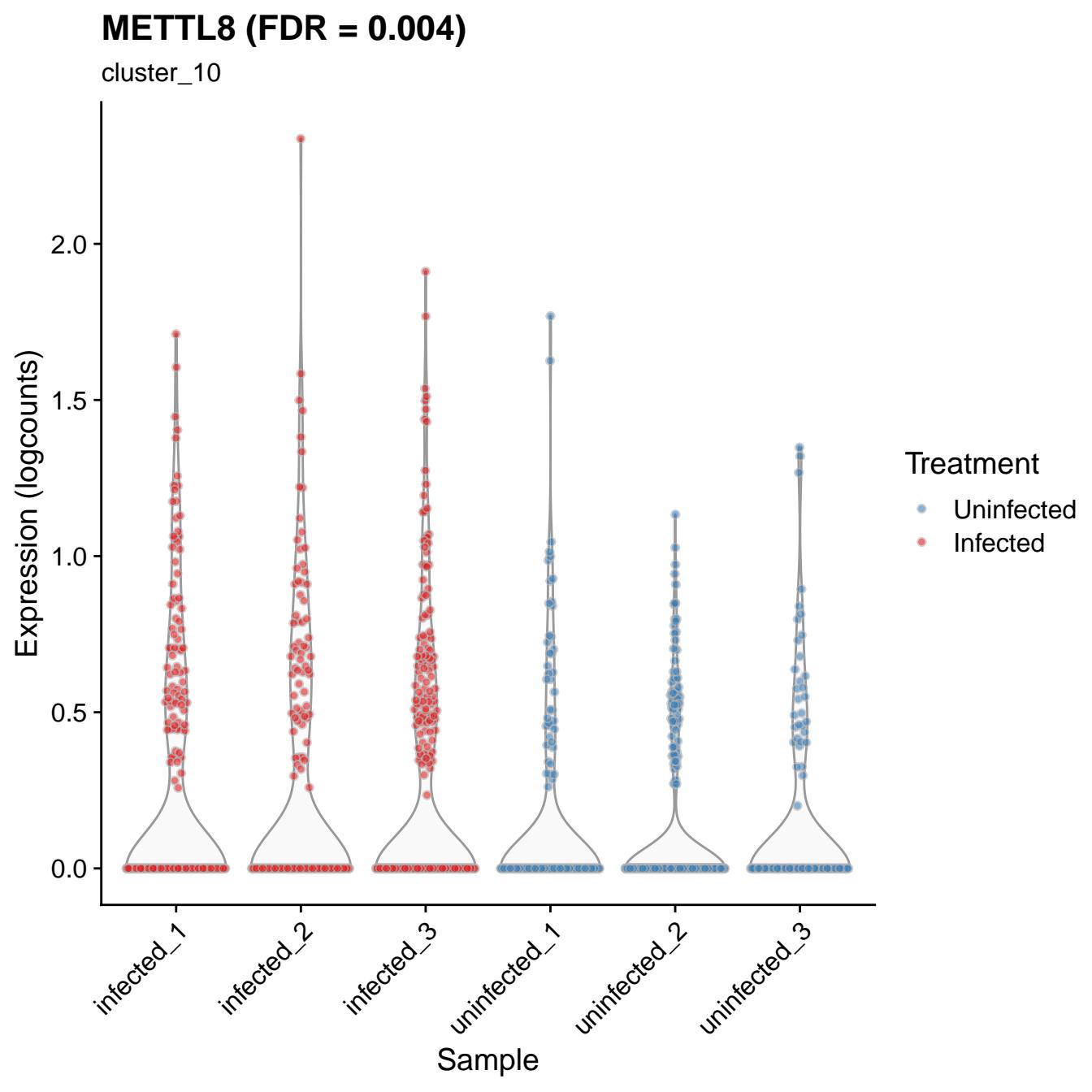
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



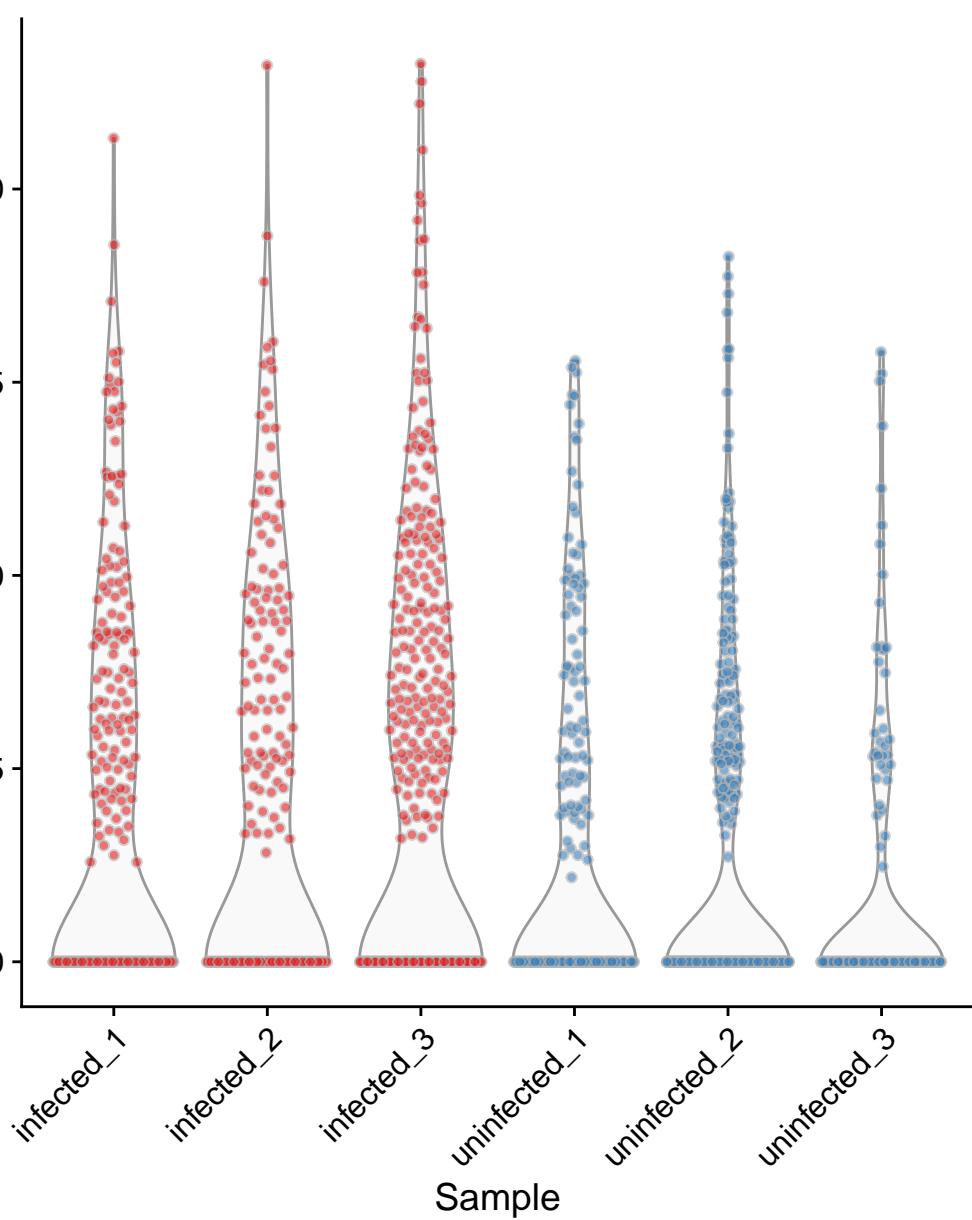
HLA-DMA (FDR = 0.004)

cluster_10

Expression (logcounts)

Treatment

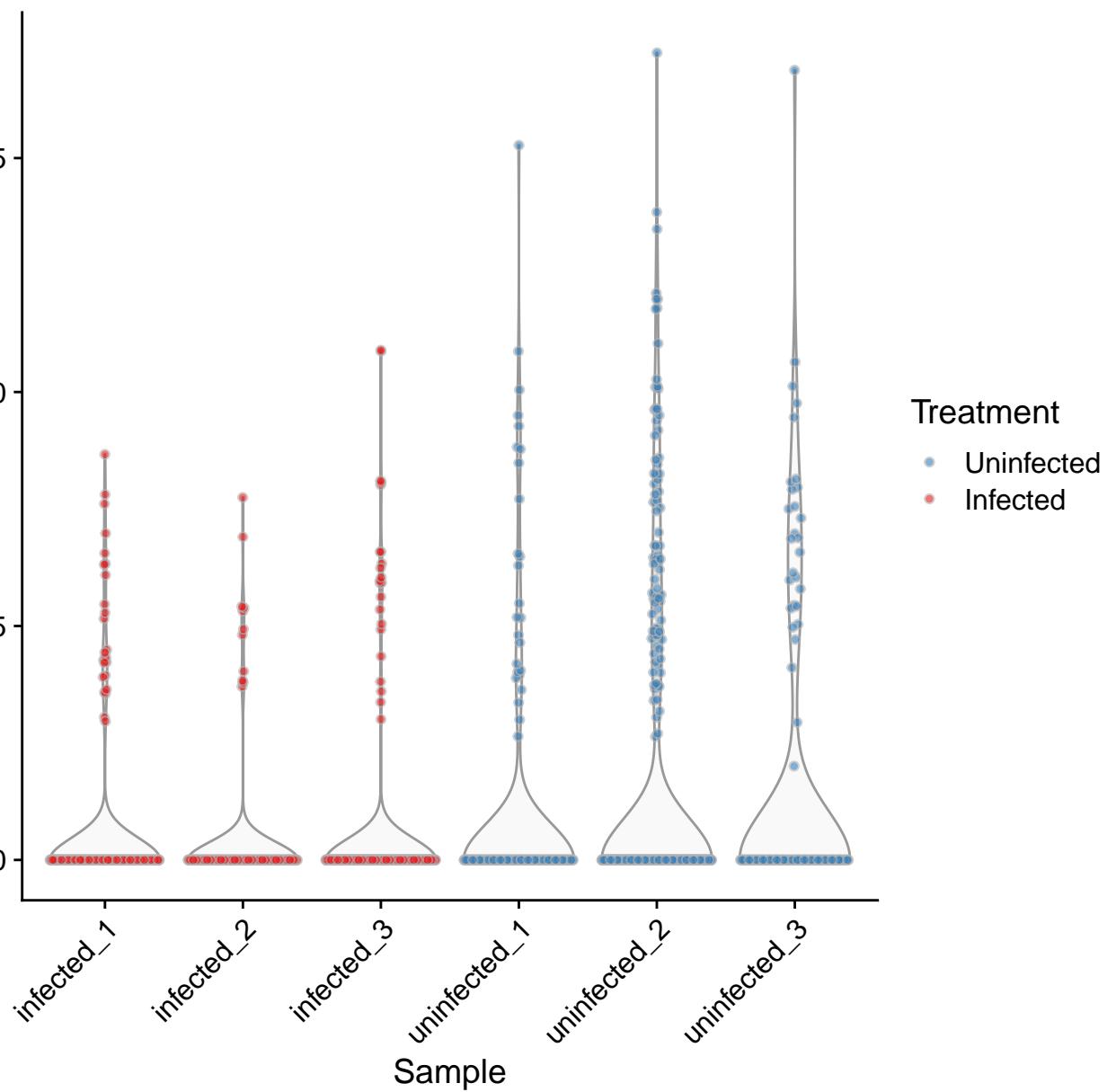
- Uninfected
- Infected



PRR5L (FDR = 0.004)

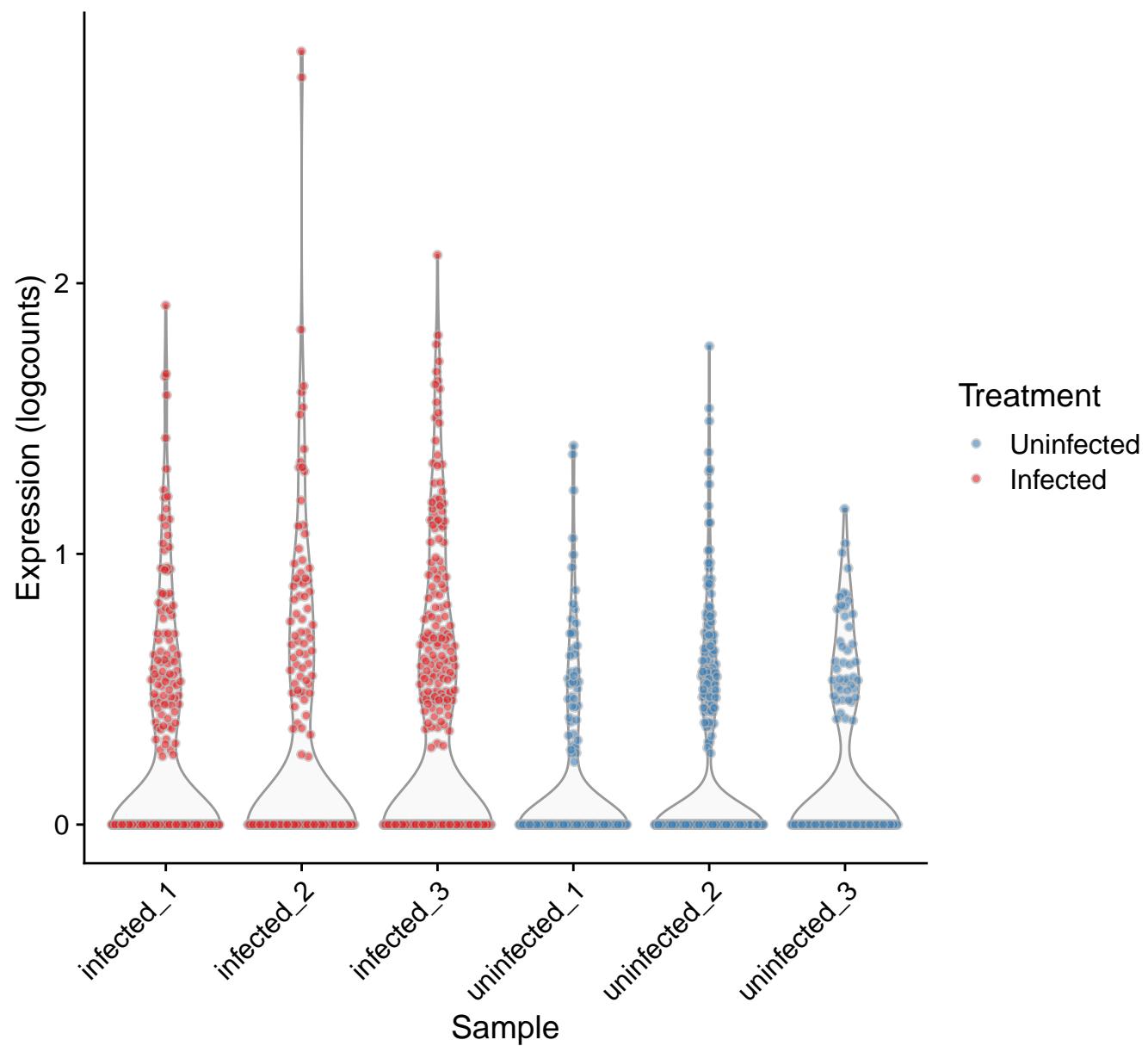
cluster_10

Expression (logcounts)



AHI1 (FDR = 0.004)

cluster_10



FOXP1 (FDR = 0.004)

cluster_10

Expression (logcounts)

2.0

1.5

0.5

0.0



Treatment

- Uninfected
- Infected

Sample

CTSB (FDR = 0.004)

cluster_10

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

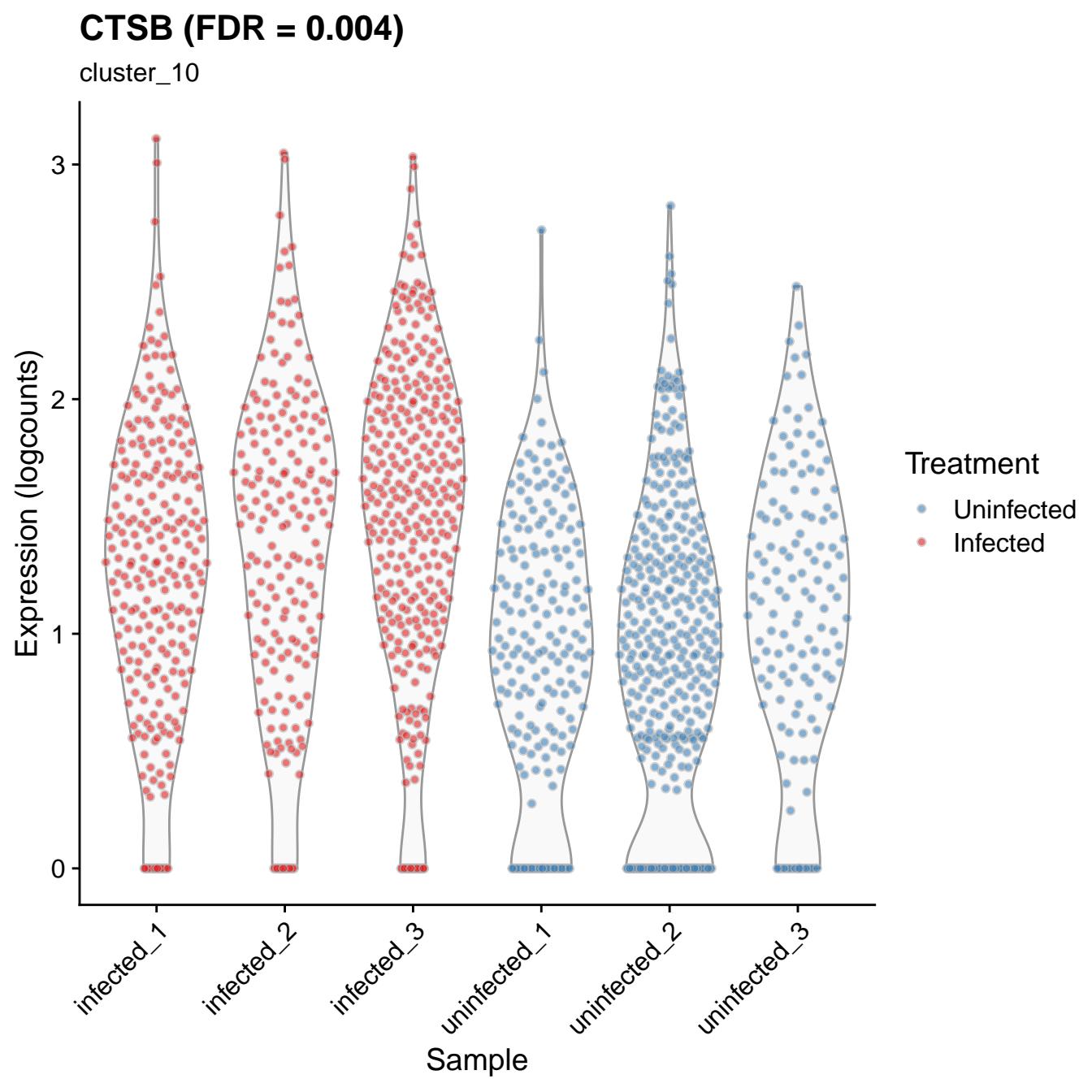
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



PHTF2 (FDR = 0.004)

cluster_10

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

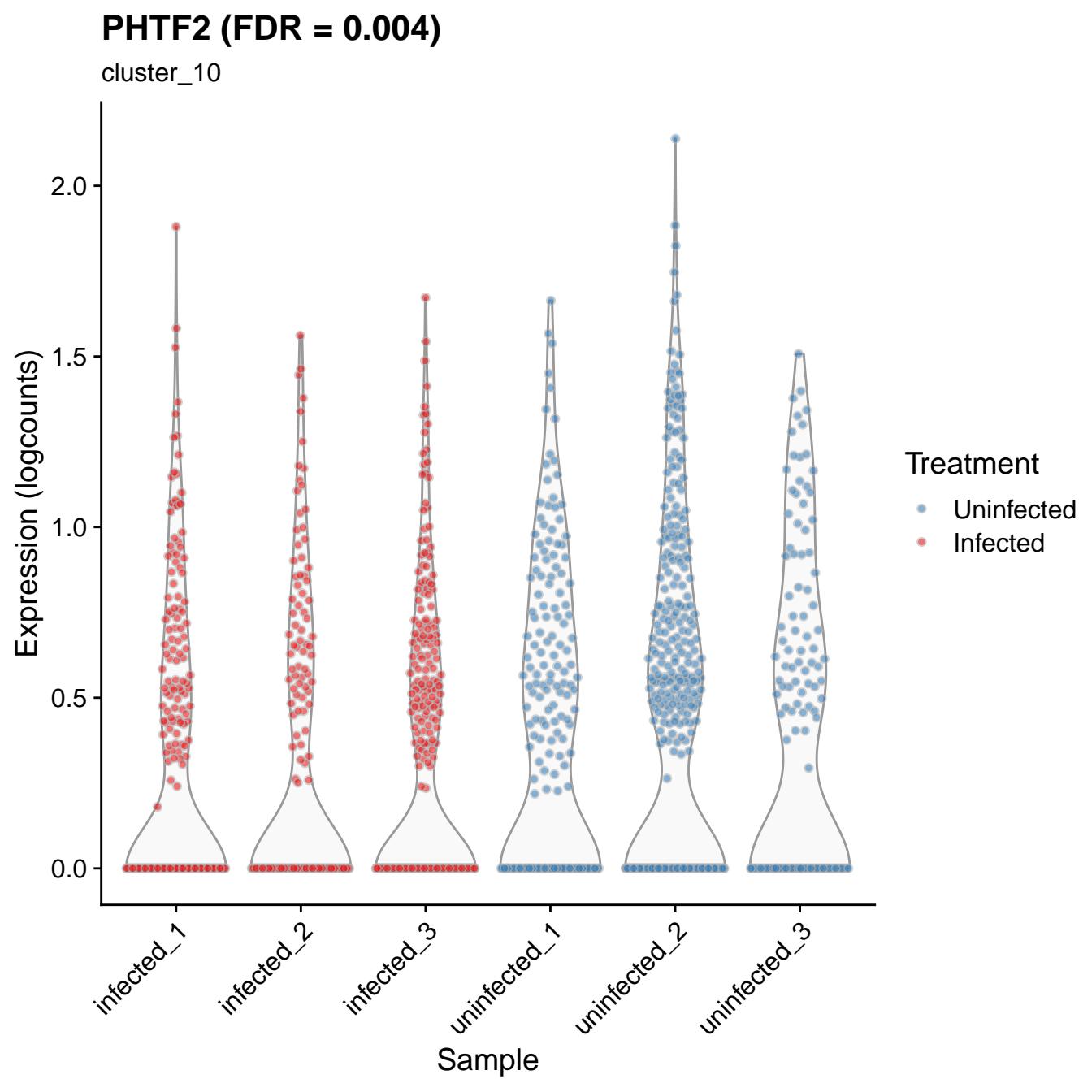
infected_3

Sample

uninfected_1

uninfected_2

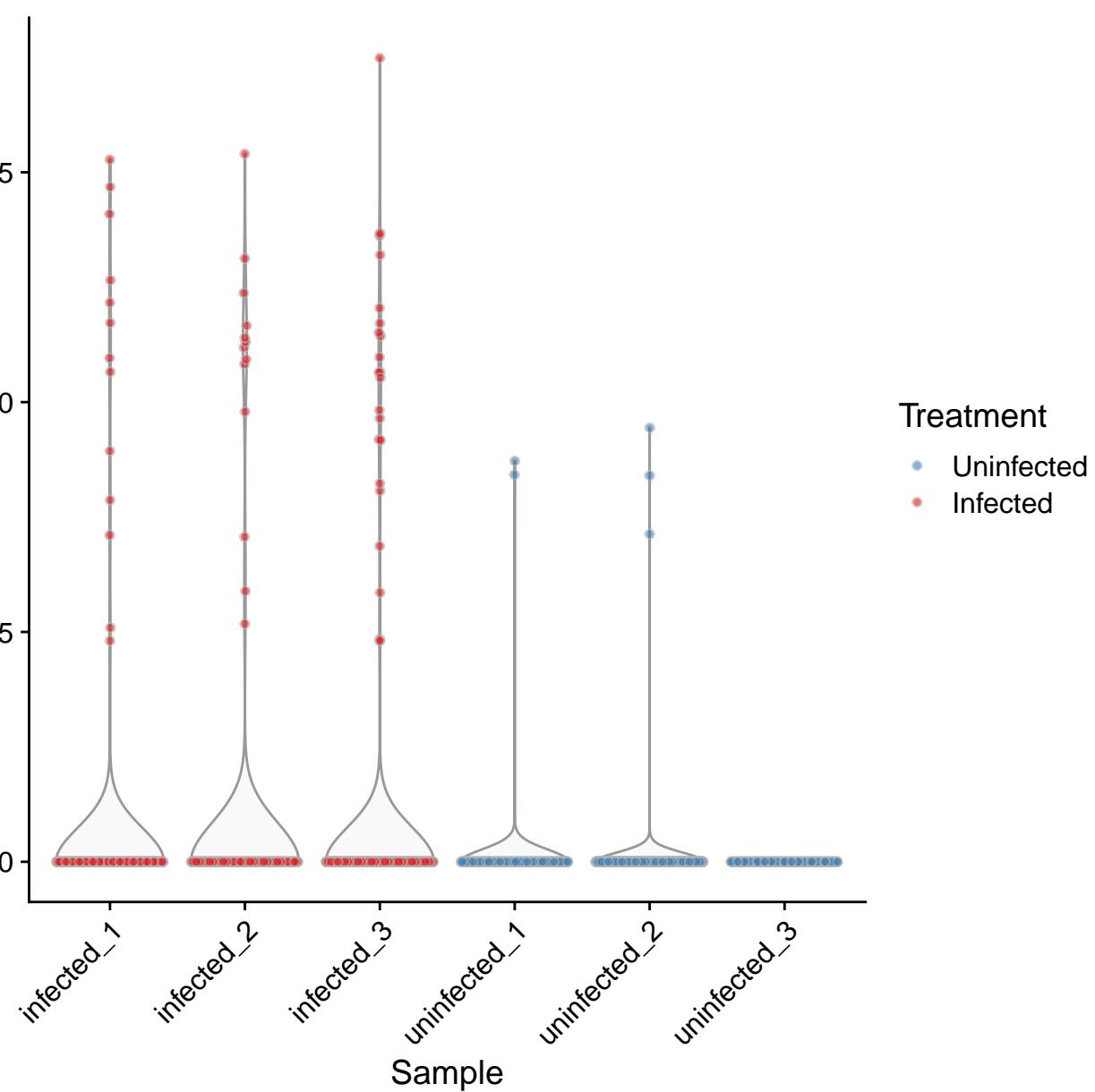
uninfected_3



TM6SF1 (FDR = 0.004)

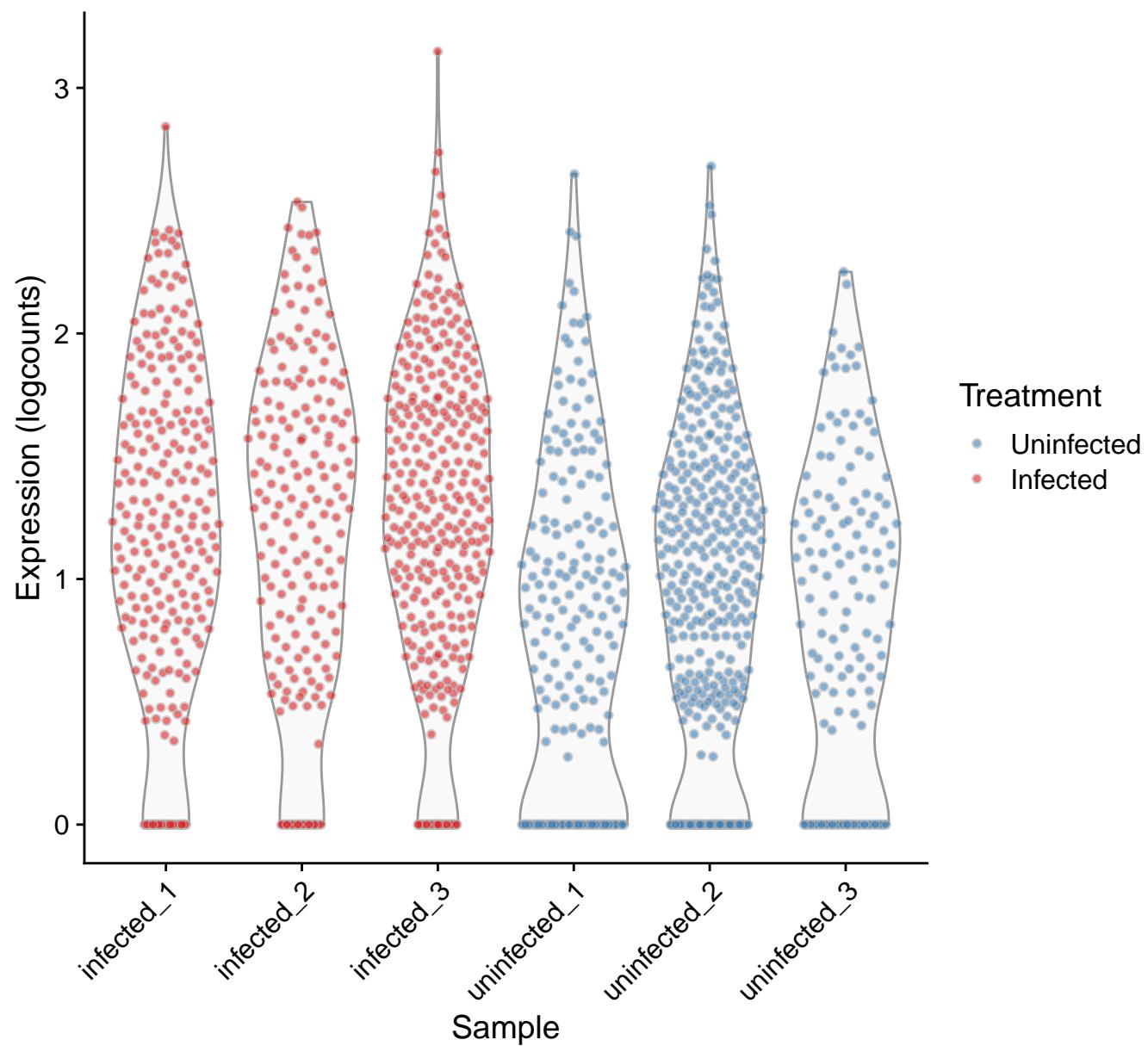
cluster_10

Expression (logcounts)



MYO1F (FDR = 0.004)

cluster_10



VOPP1 (FDR = 0.004)

cluster_10

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

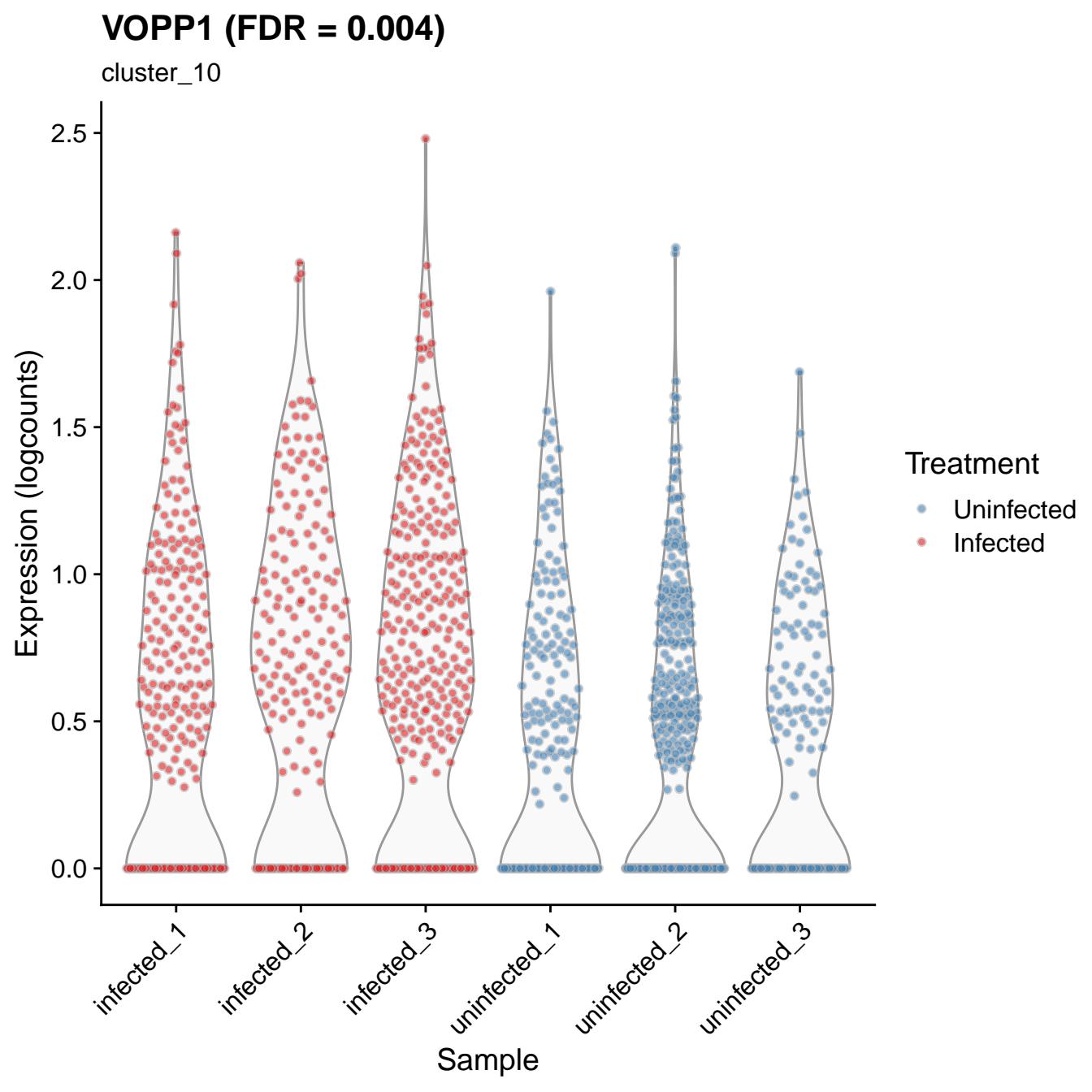
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



DAAM1 (FDR = 0.004)

cluster_10

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

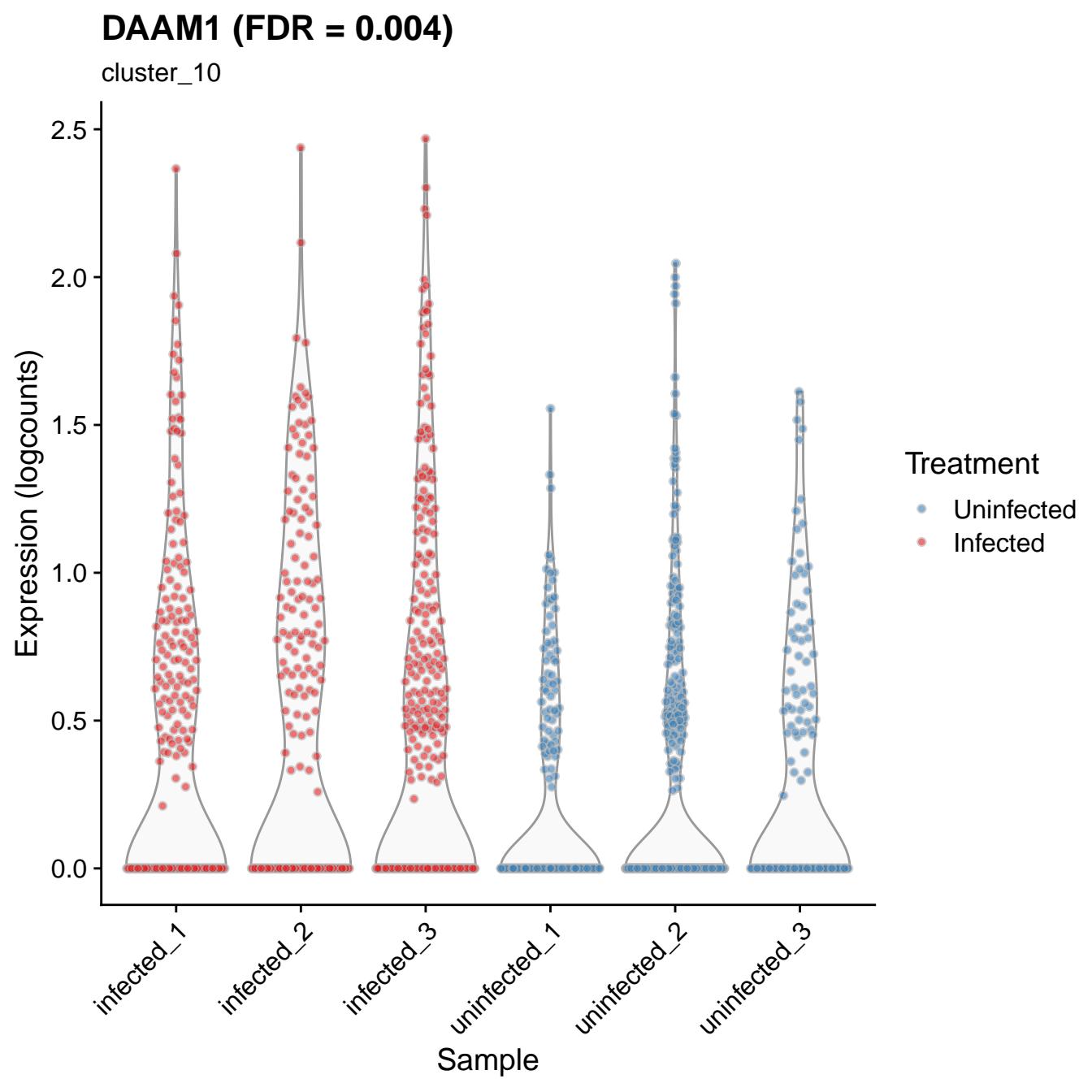
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



RARRES3 (FDR = 0.004)

cluster_10

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

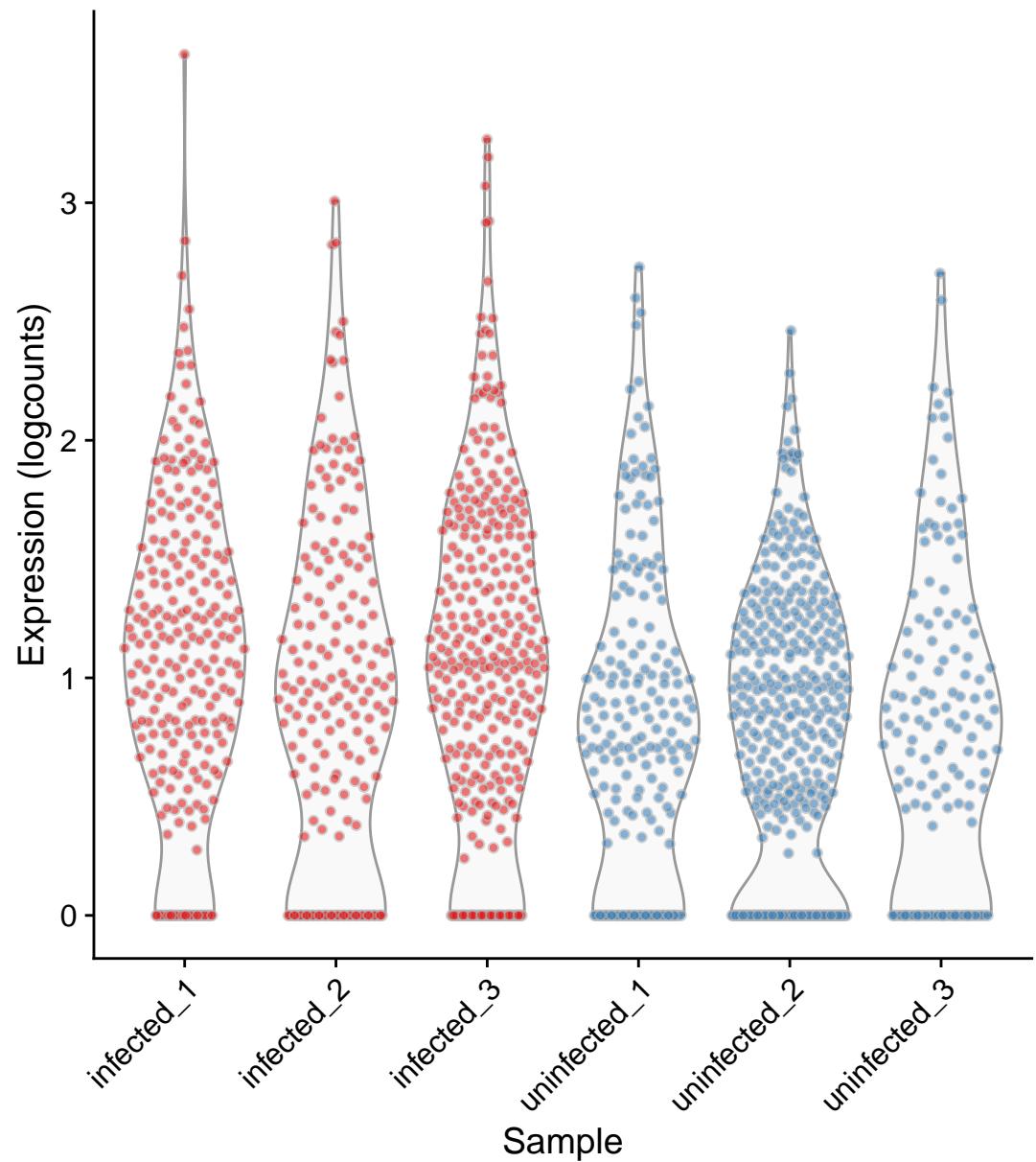
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



GLRX (FDR = 0.004)

cluster_10

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected_1

infected_2

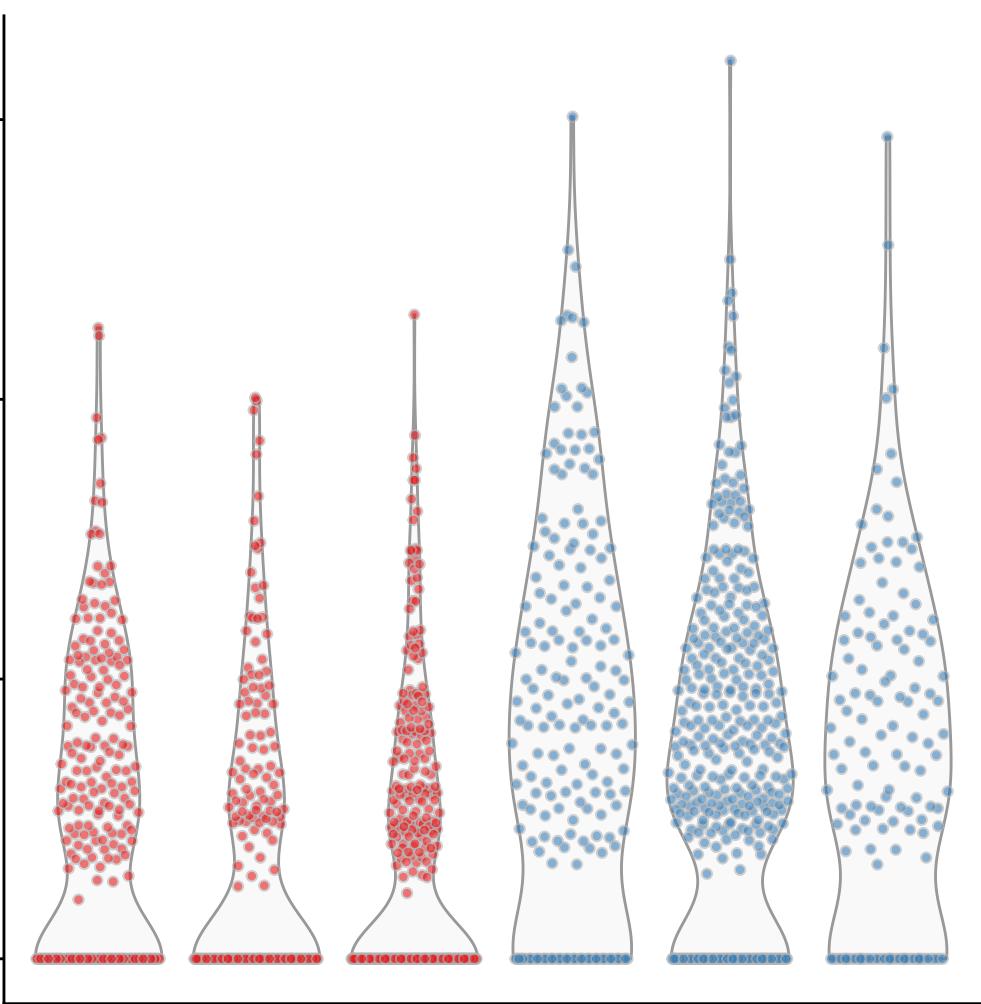
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



CDCA7L (FDR = 0.004)

cluster_10

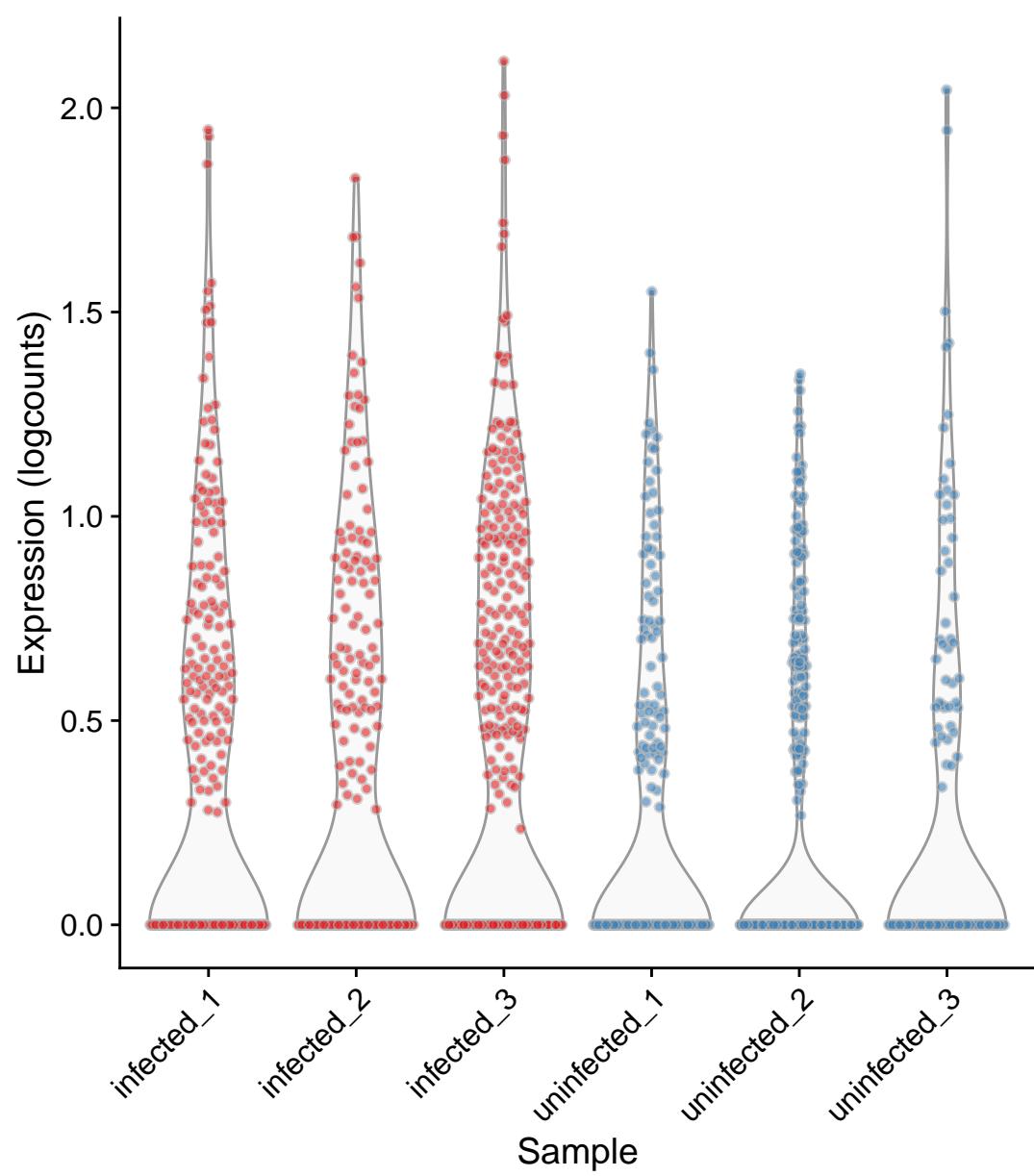
Expression (logcounts)

infected_1 infected_2 infected_3 uninfected_1 uninfected_2 uninfected_3

Sample

Treatment

- Uninfected
- Infected



ZBTB8OS (FDR = 0.004)

cluster_10

