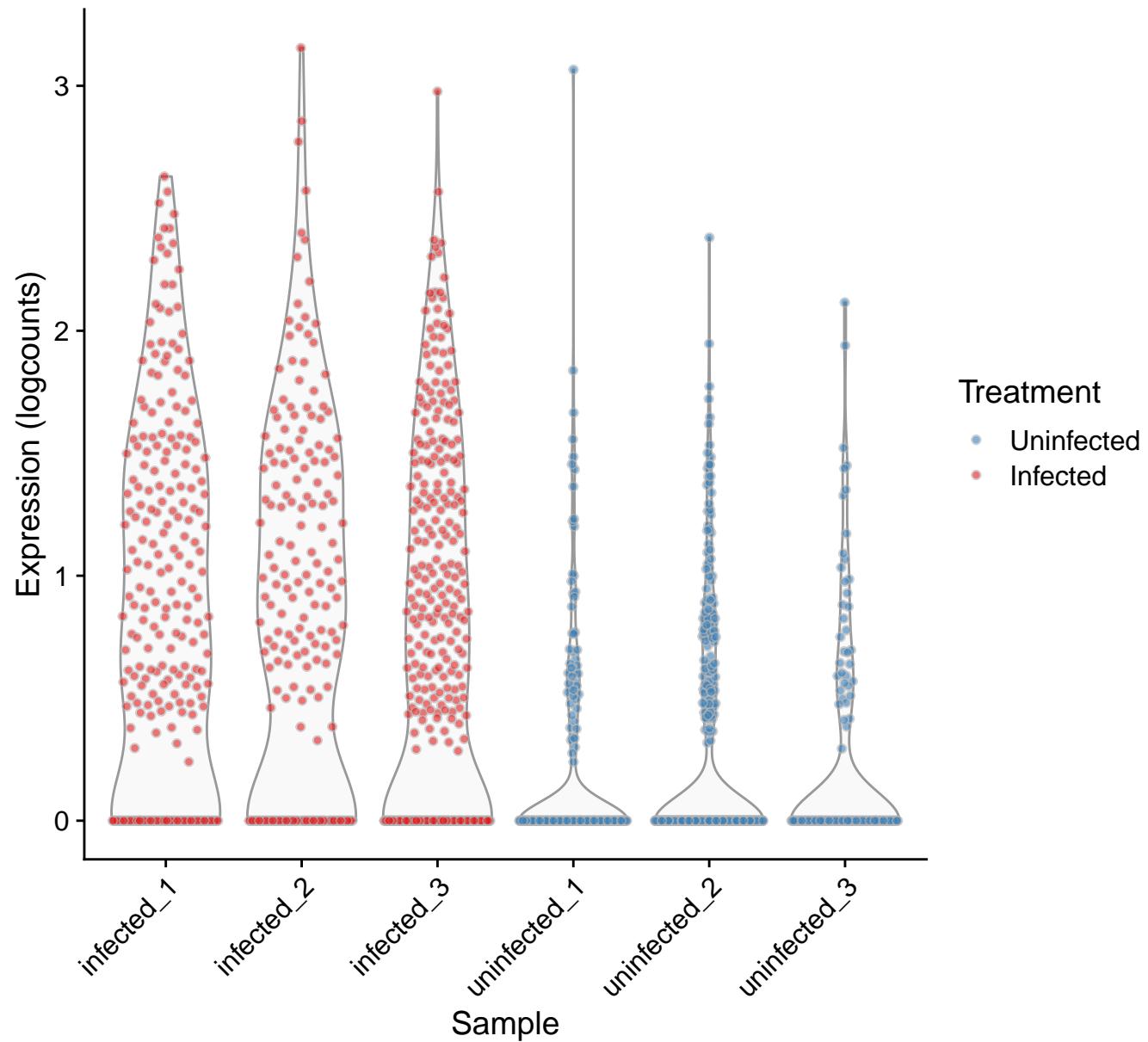


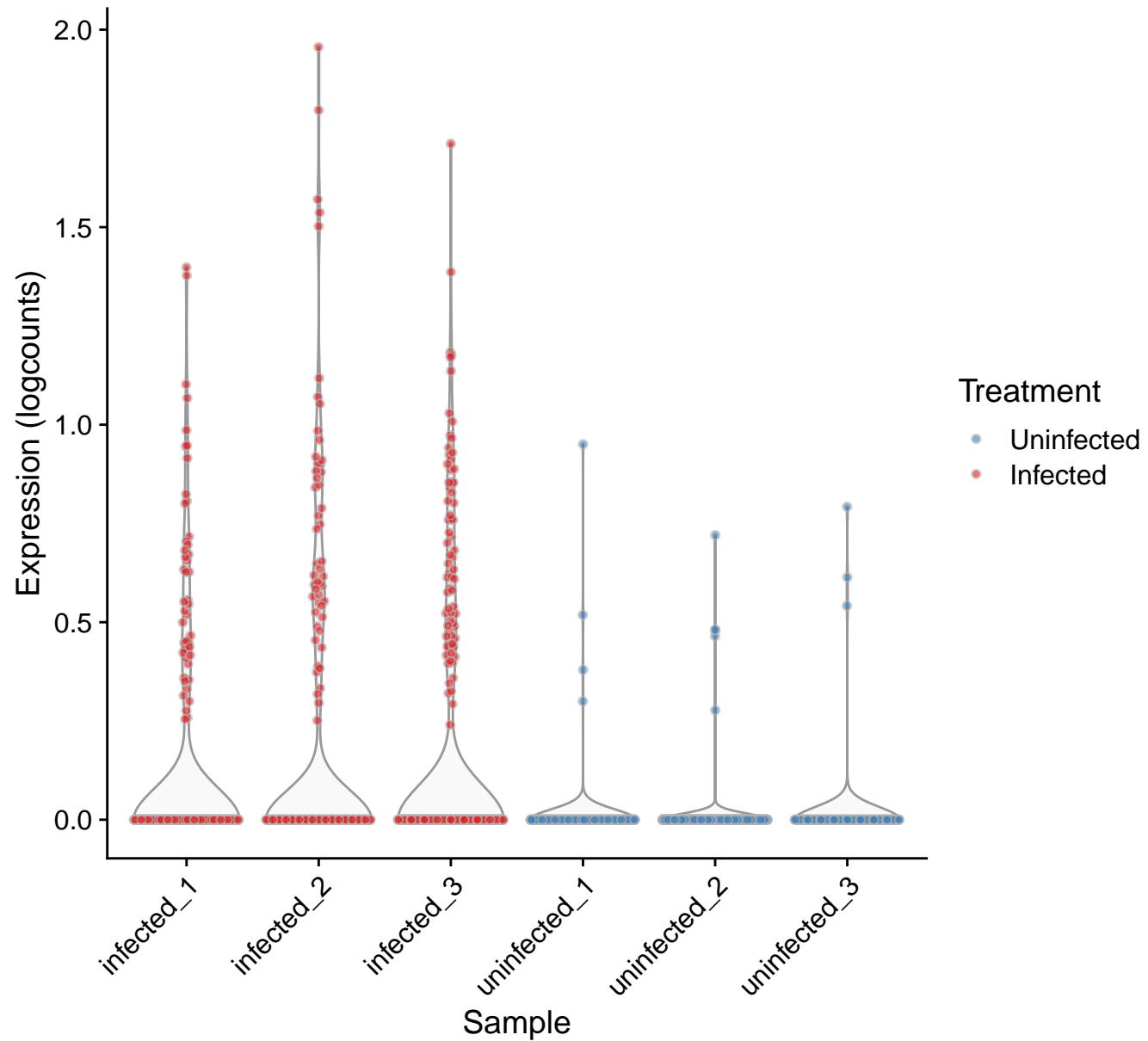
# GLUL (FDR = 2e-06)

cluster\_10



# APBA2 (FDR = 3e-05)

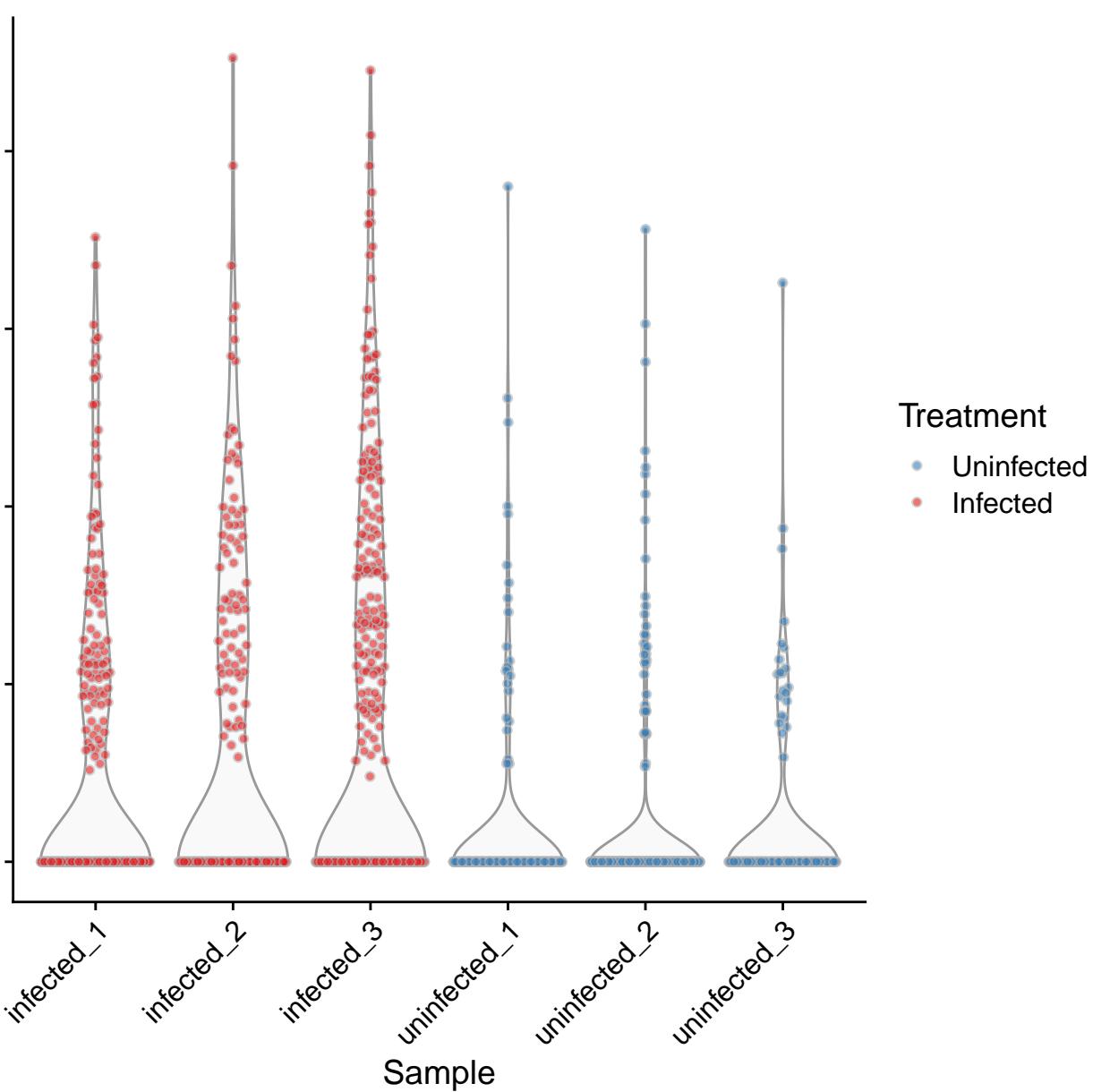
cluster\_10



# KIAA1324 (FDR = 8e-05)

cluster\_10

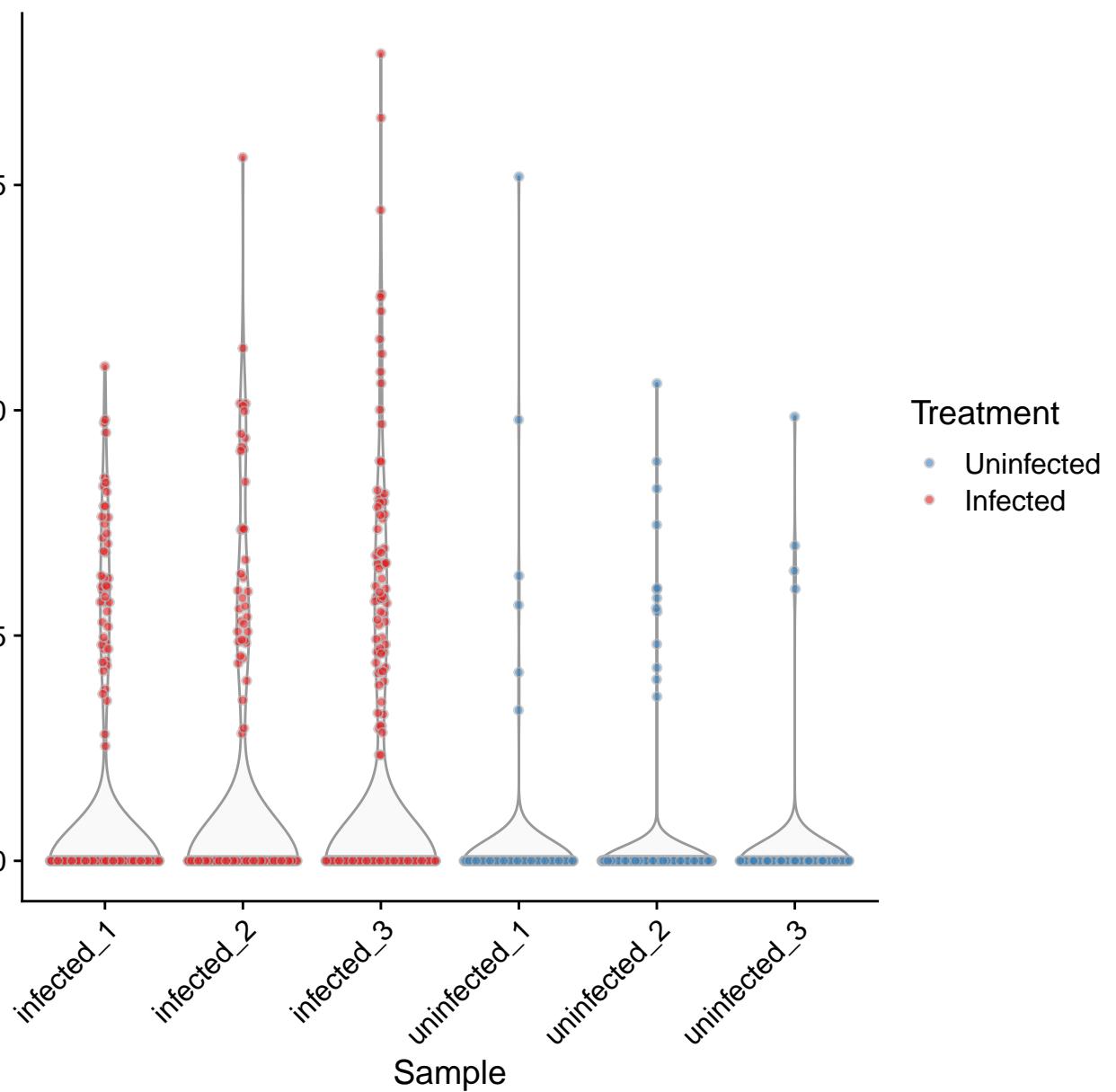
Expression (logcounts)



# 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

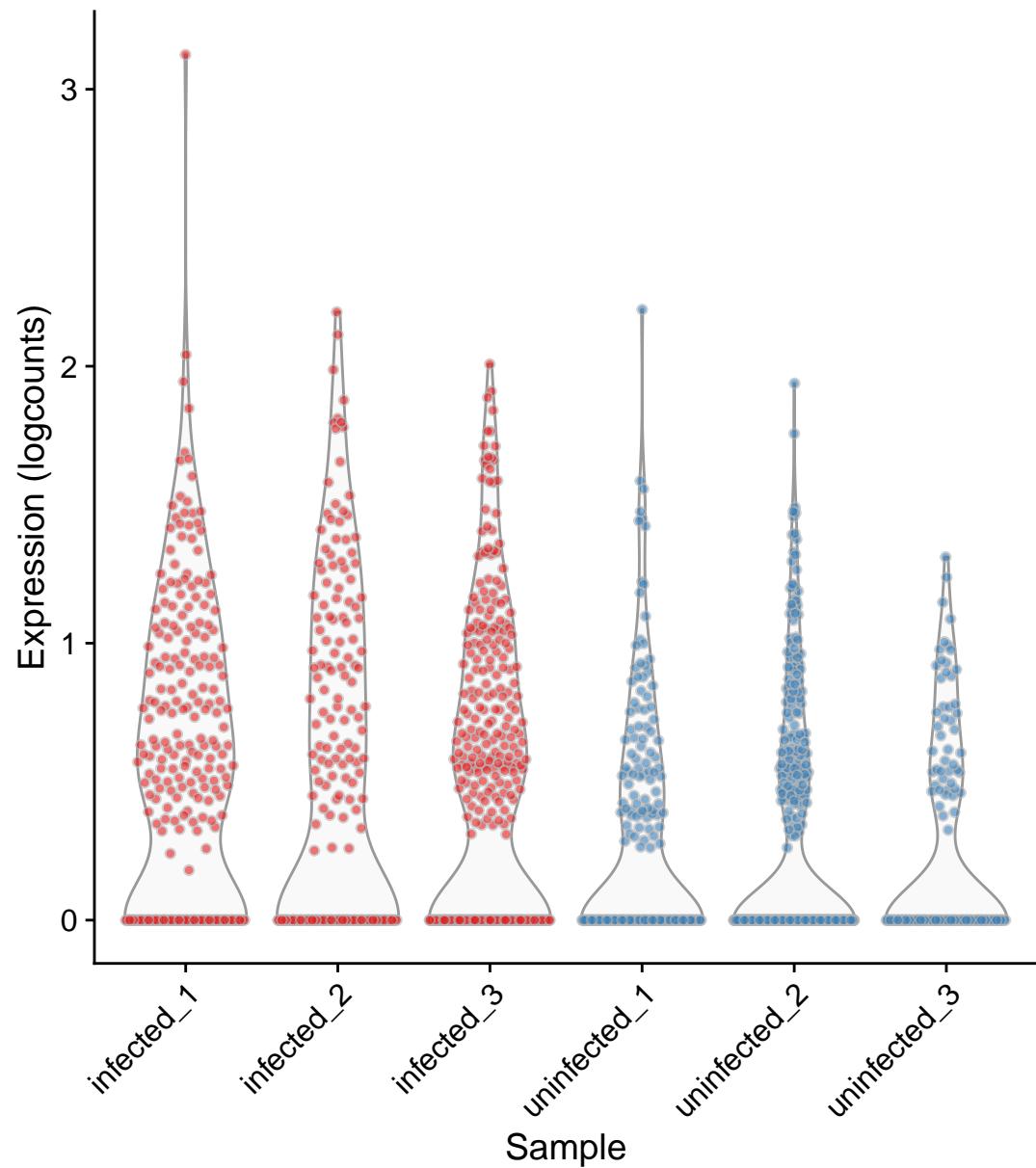
uninfected\_2

uninfected\_3

Sample

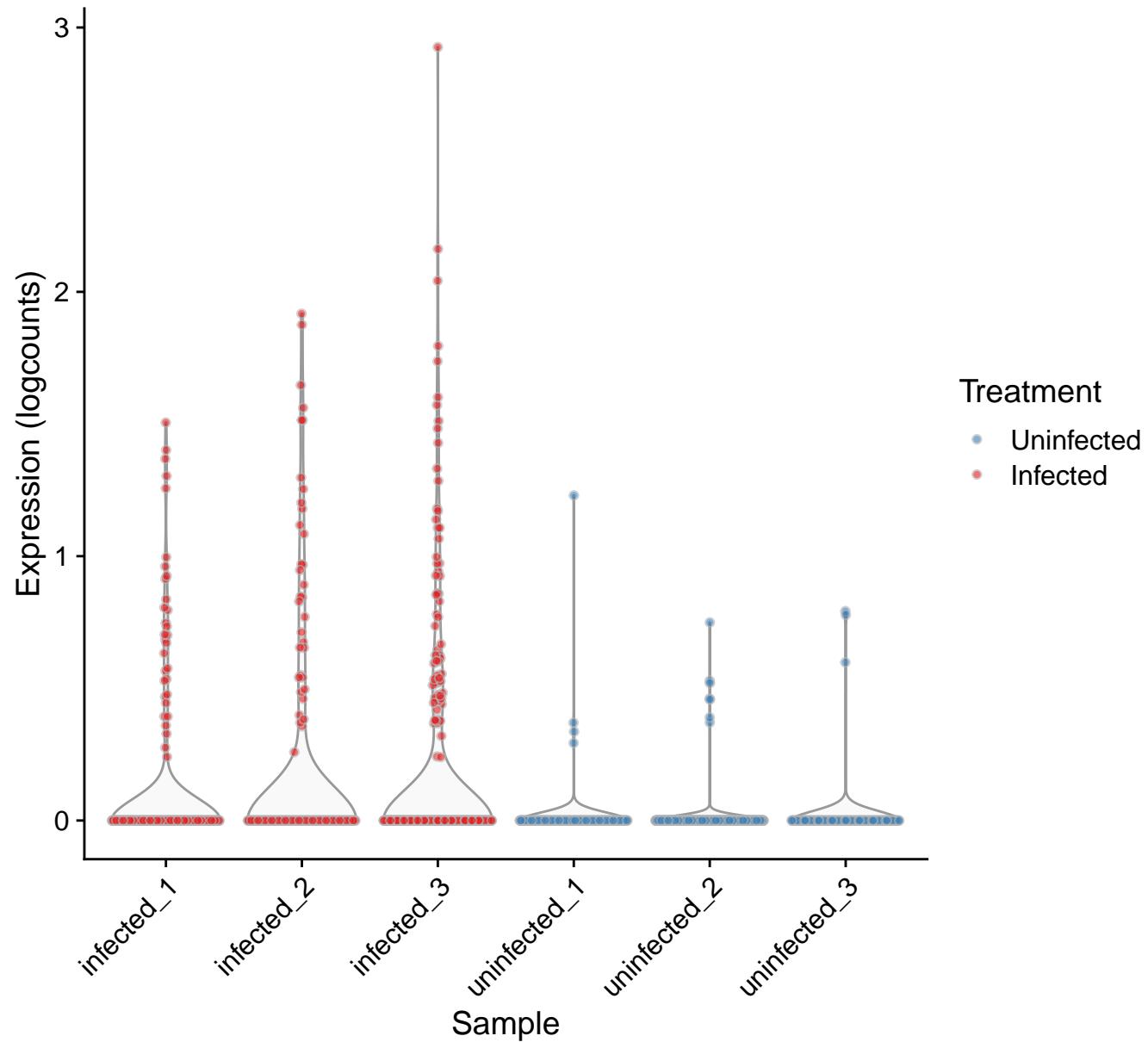
Treatment

- Uninfected
- Infected



# COCH (FDR = 1e-04)

cluster\_10



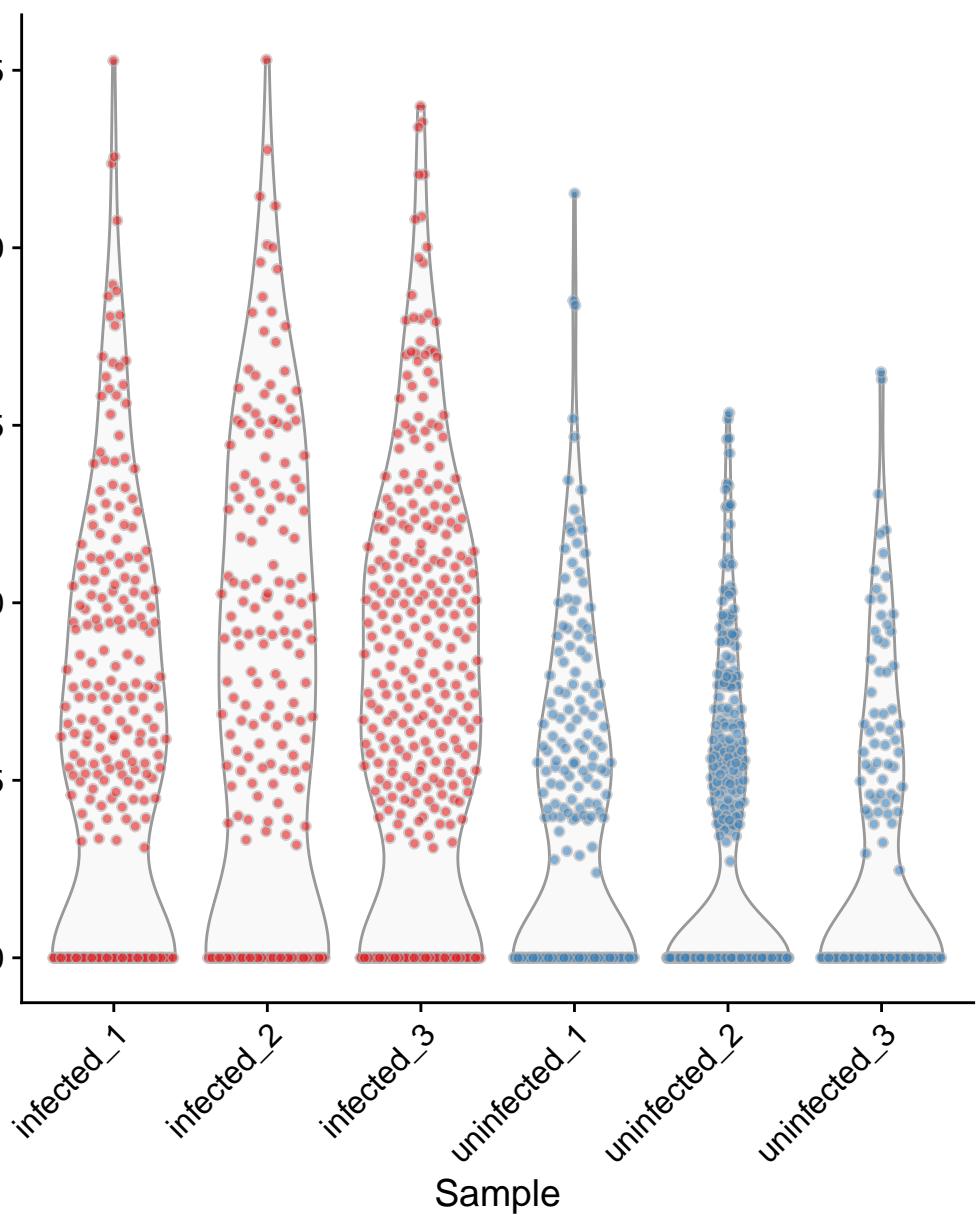
# **SLC25A46 (FDR = 1e-04)**

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

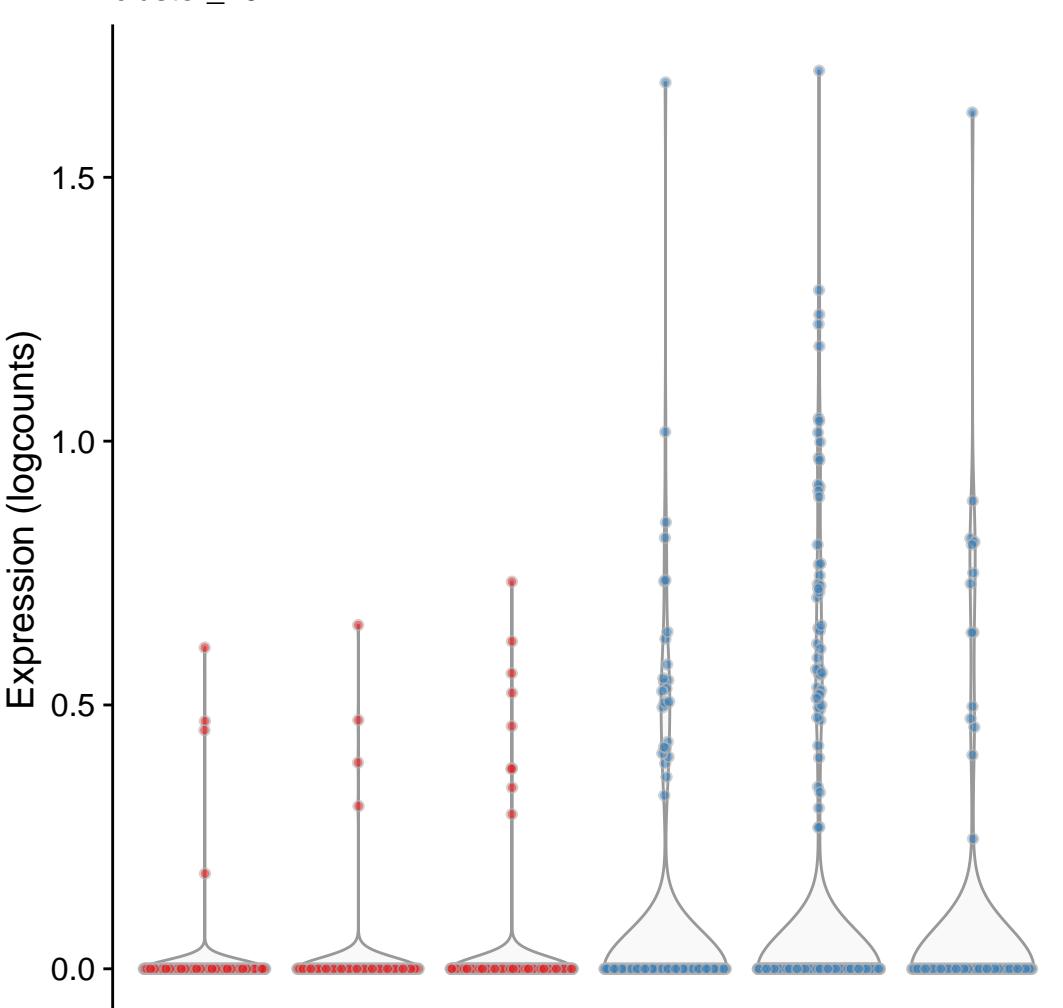
infected\_3

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

2.5

1.8

1.4

1.0

0.6

0.2

0.0

# 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

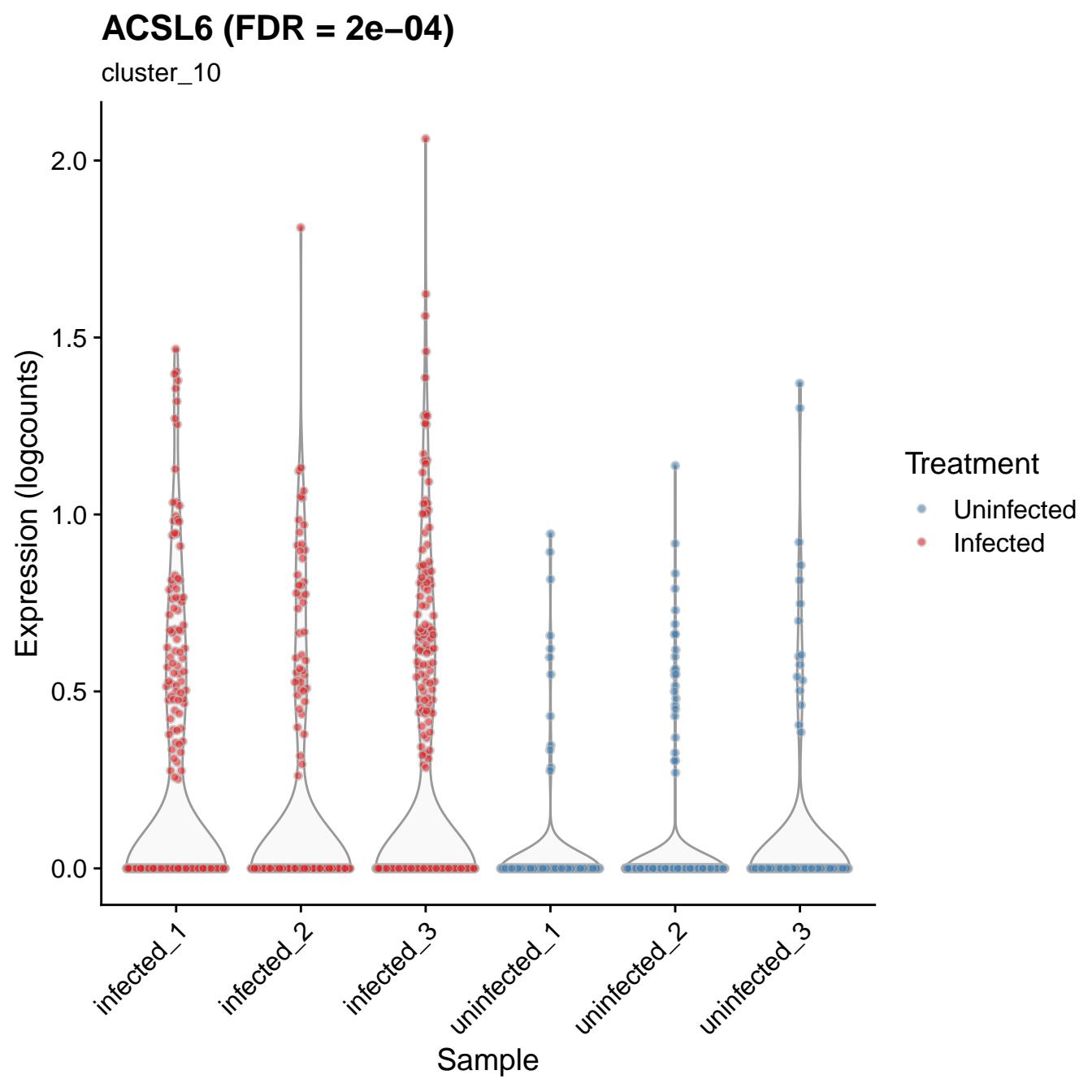
infected\_3

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

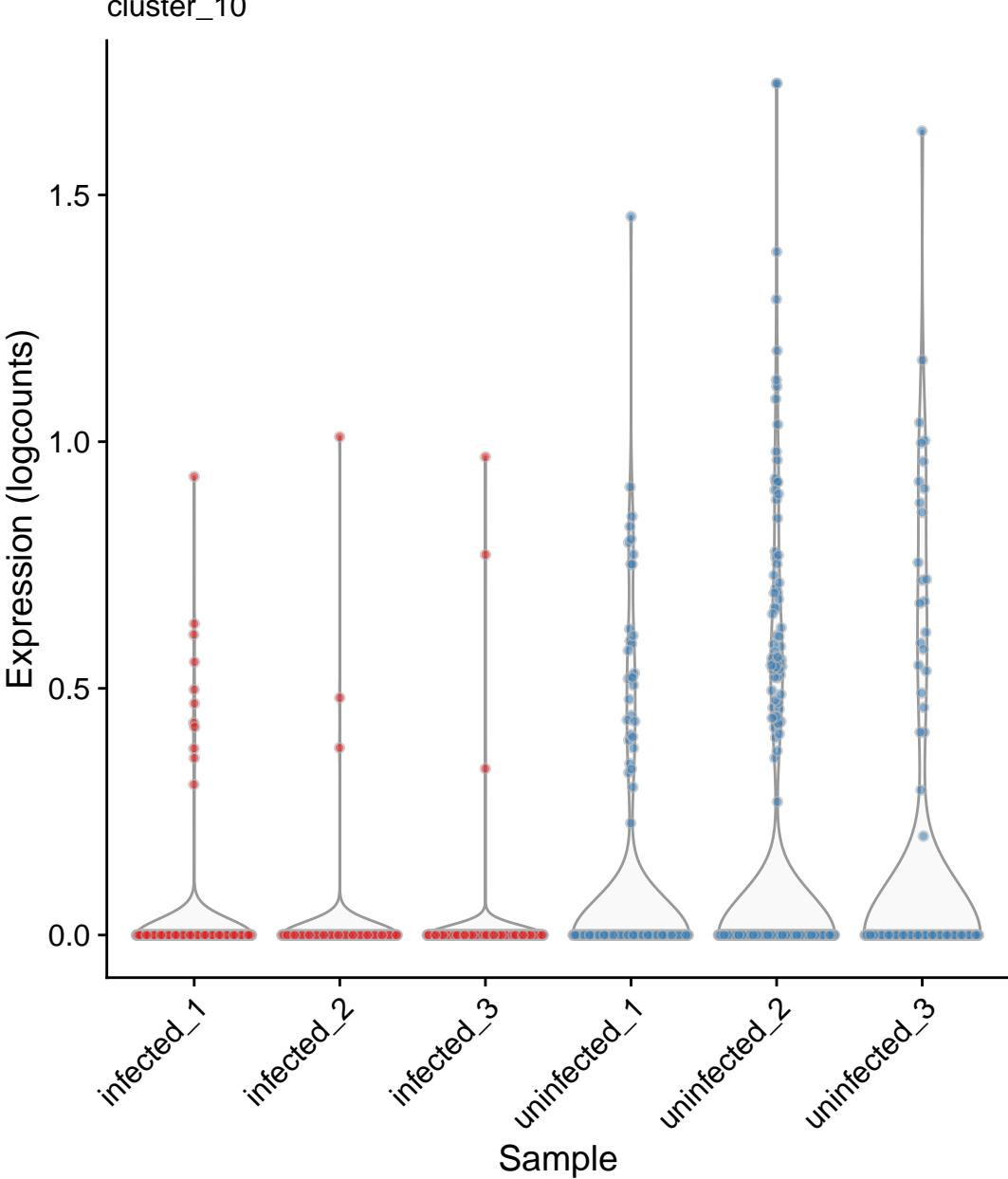
infected\_3

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

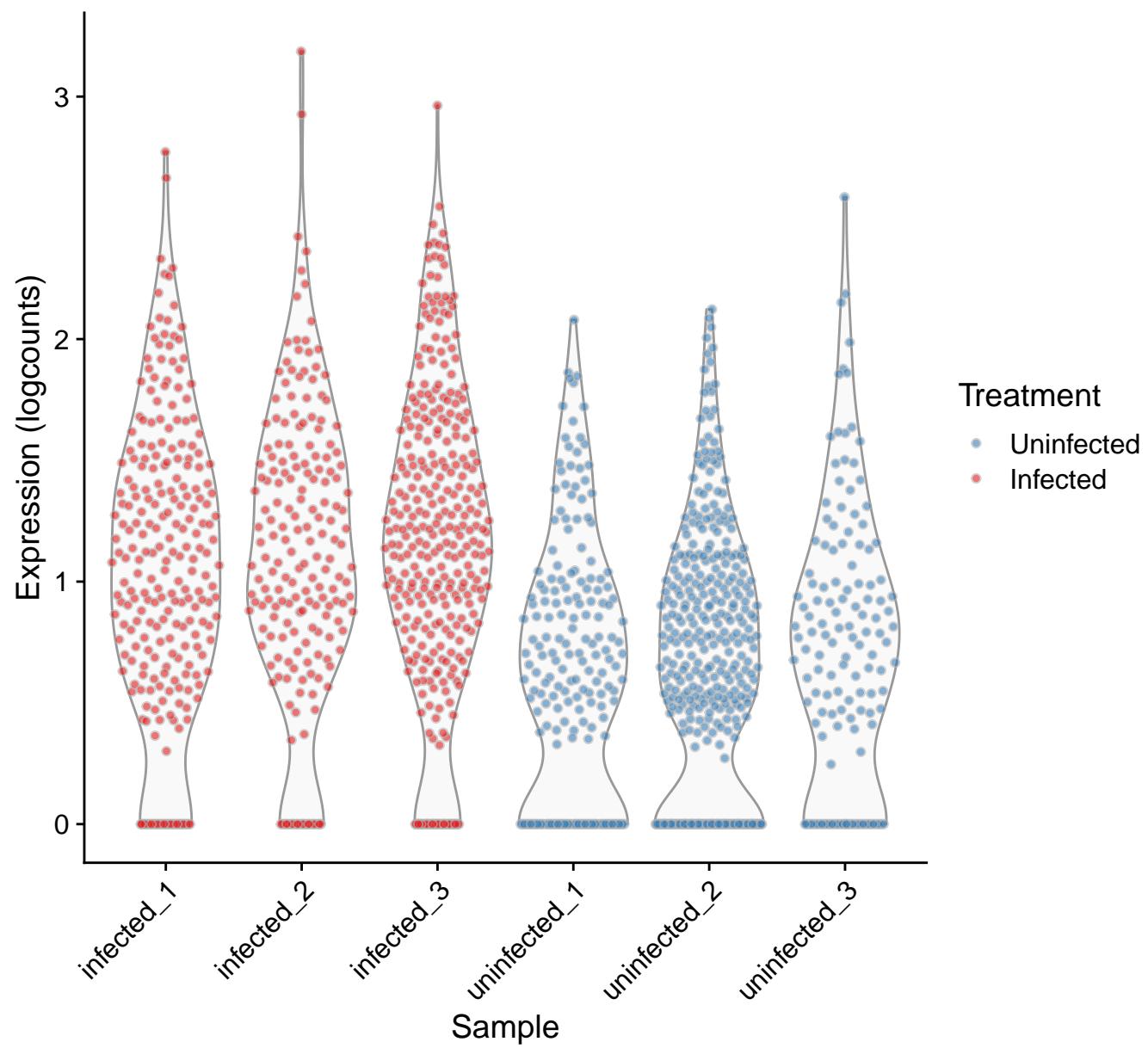
uninfected\_2

uninfected\_3

Sample

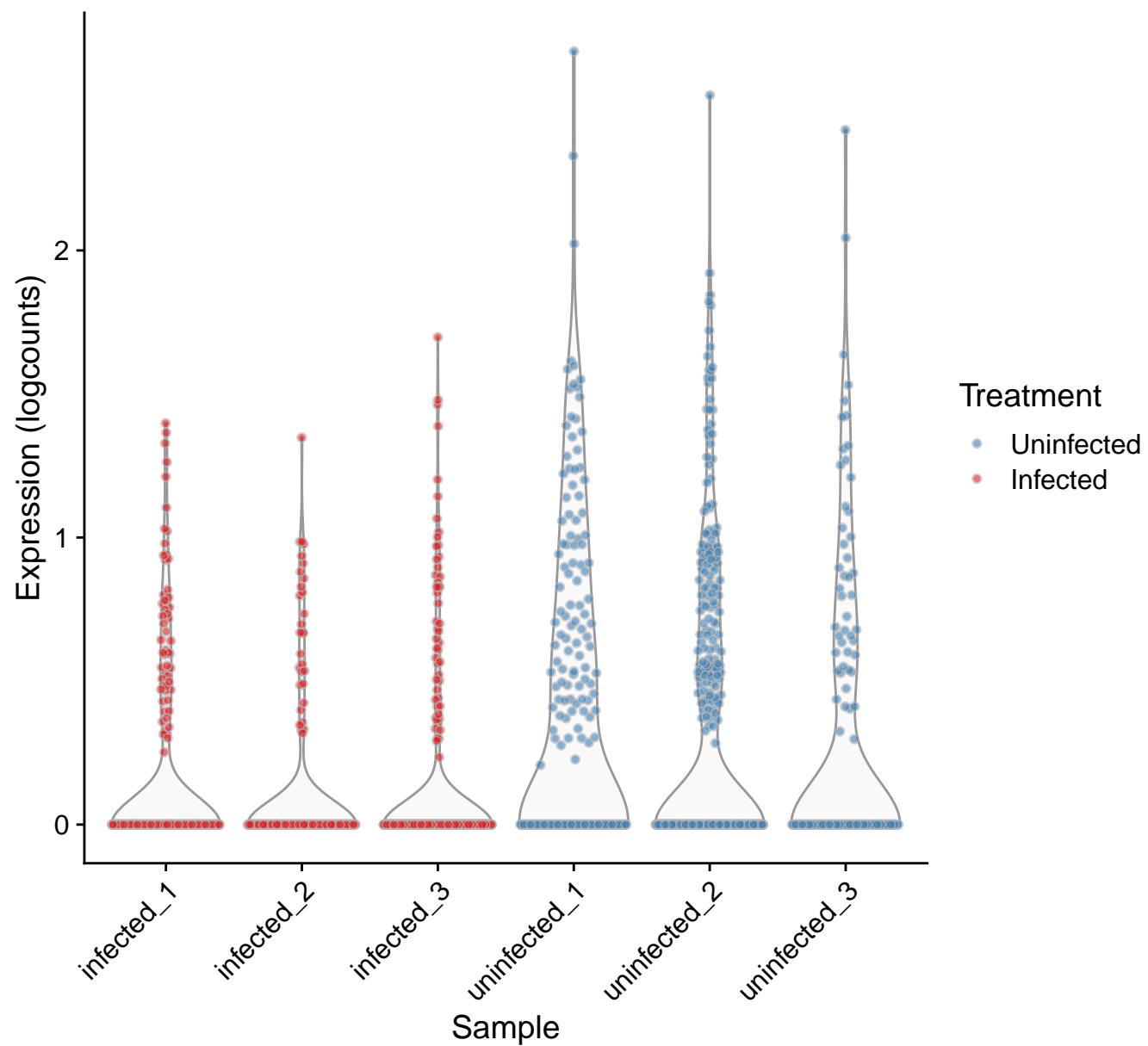
# NSMCE1 (FDR = 2e-04)

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

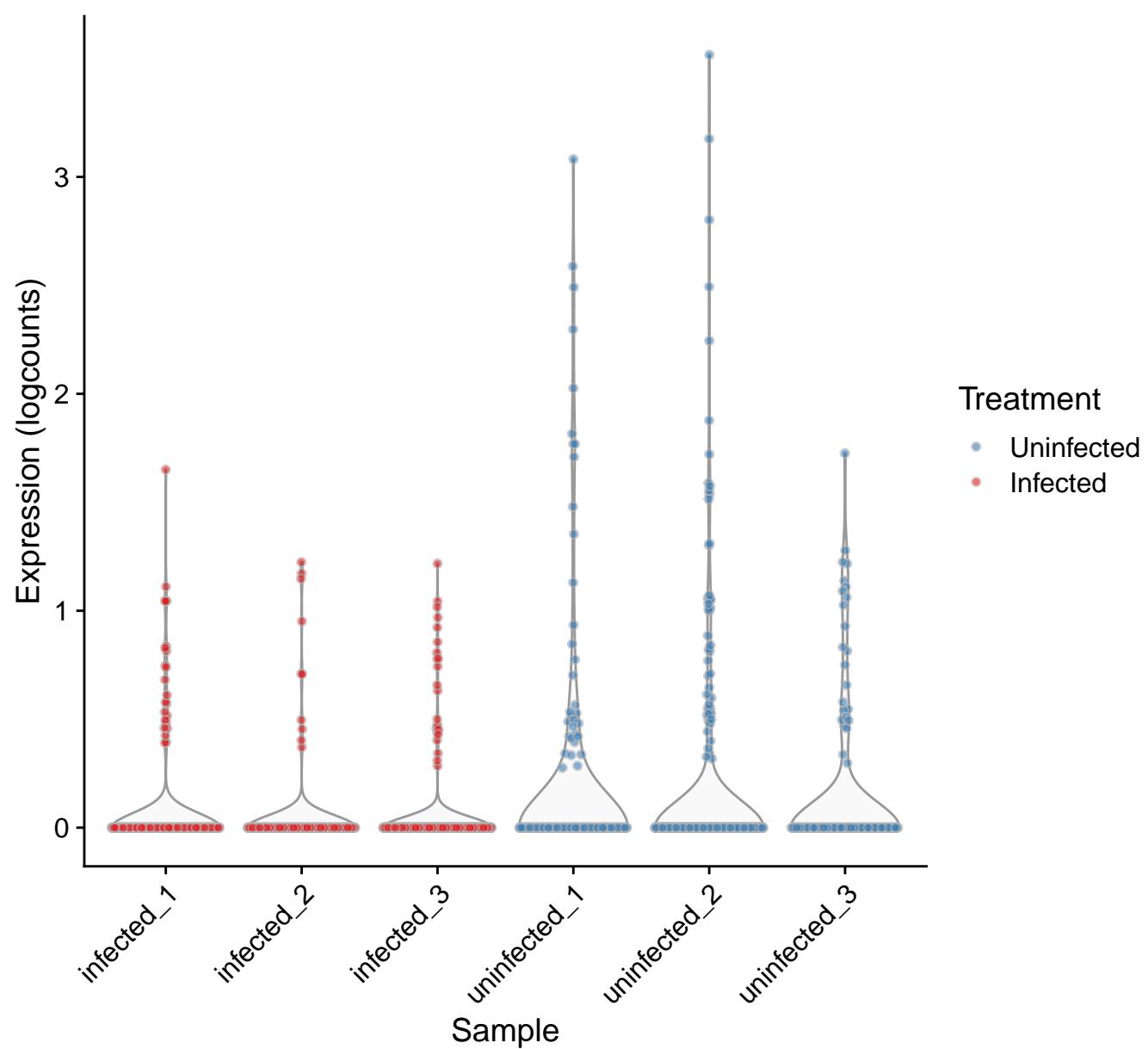
infected\_3

Sample



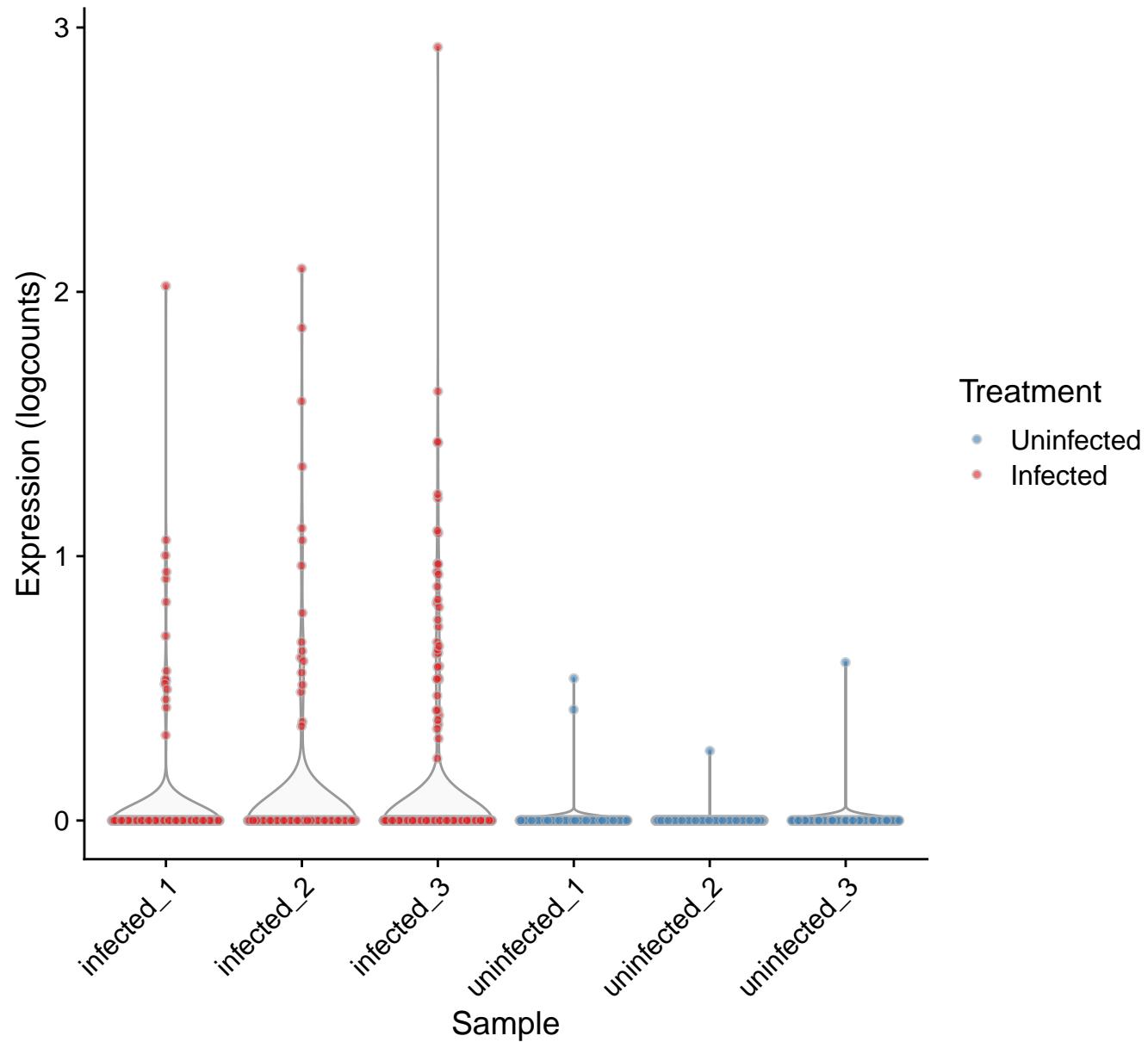
# PLAC8 (FDR = 2e-04)

cluster\_10



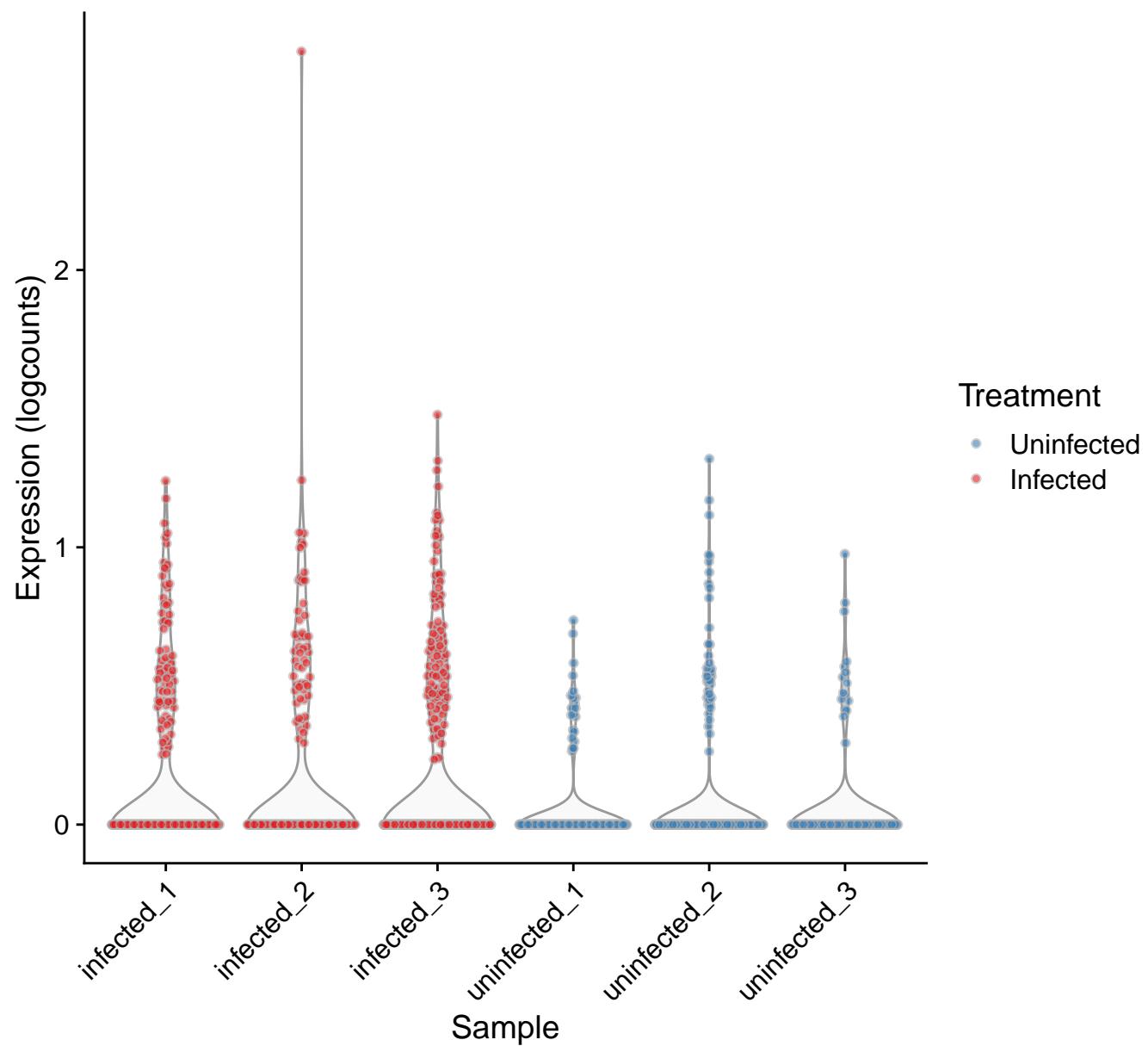
# MOXD1 (FDR = 2e-04)

cluster\_10



# ADAP1 (FDR = 2e-04)

cluster\_10



# CISH (FDR = 3e-04)

cluster\_10

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample



# 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

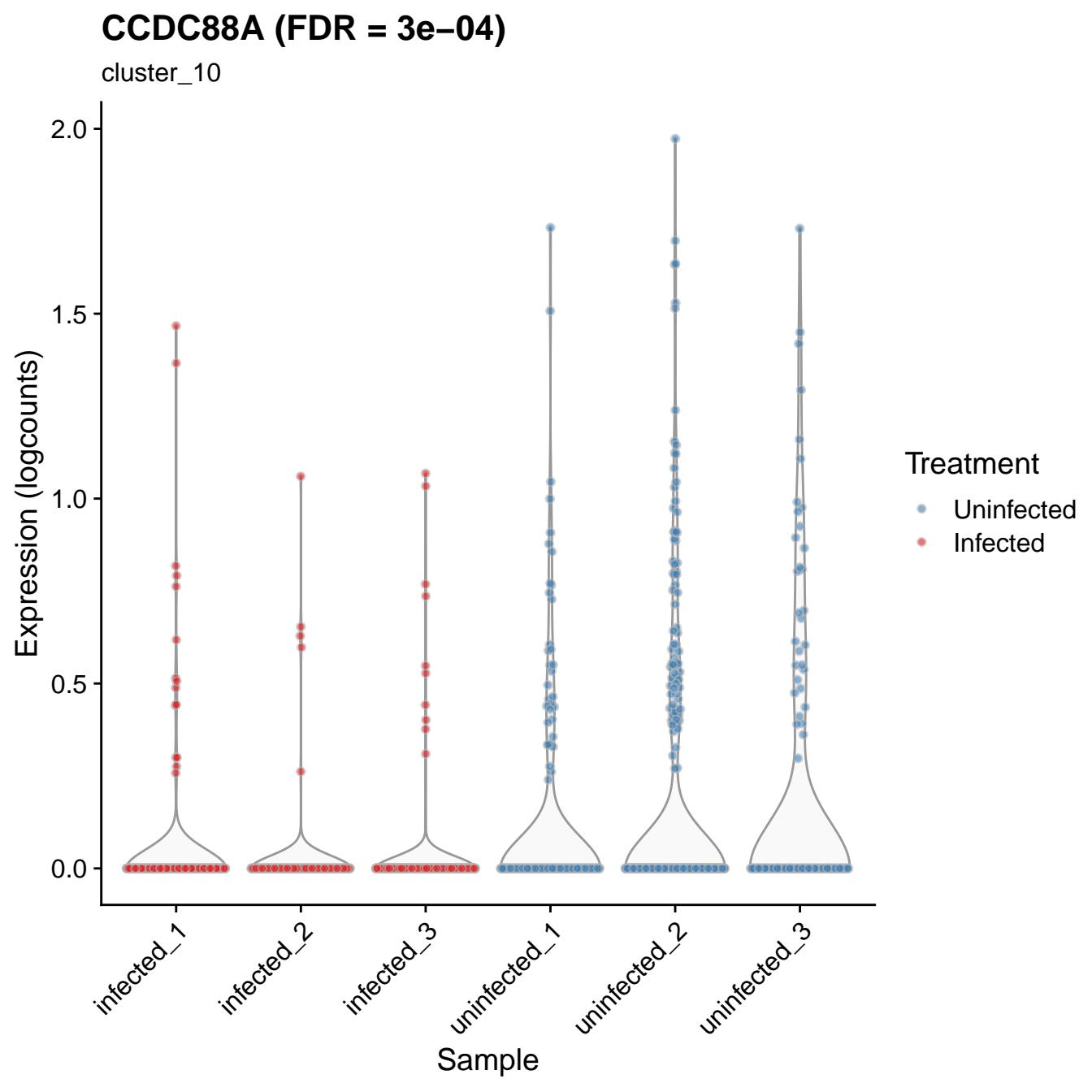
infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

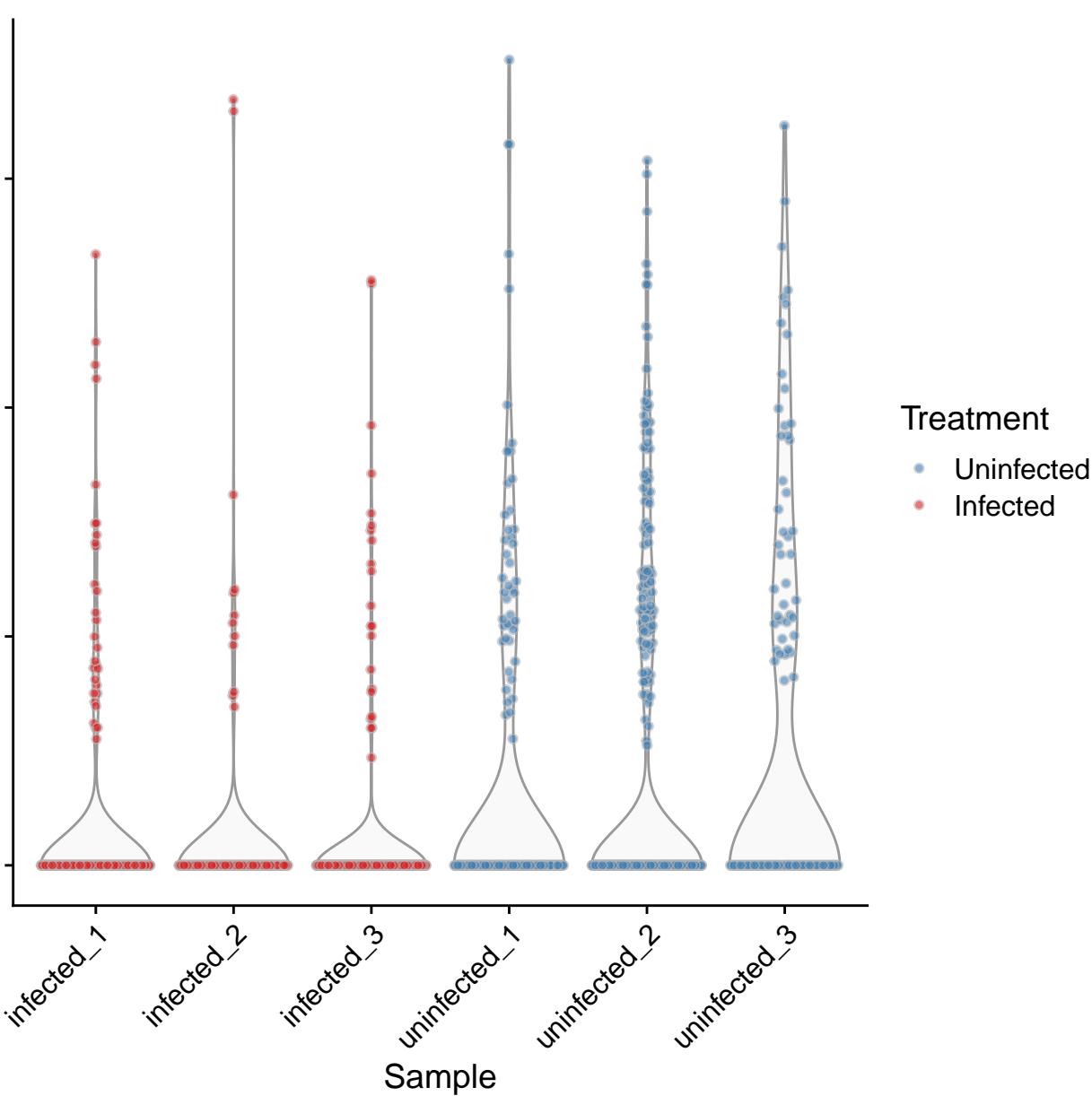
Sample



# TRABD2A (FDR = 3e-04)

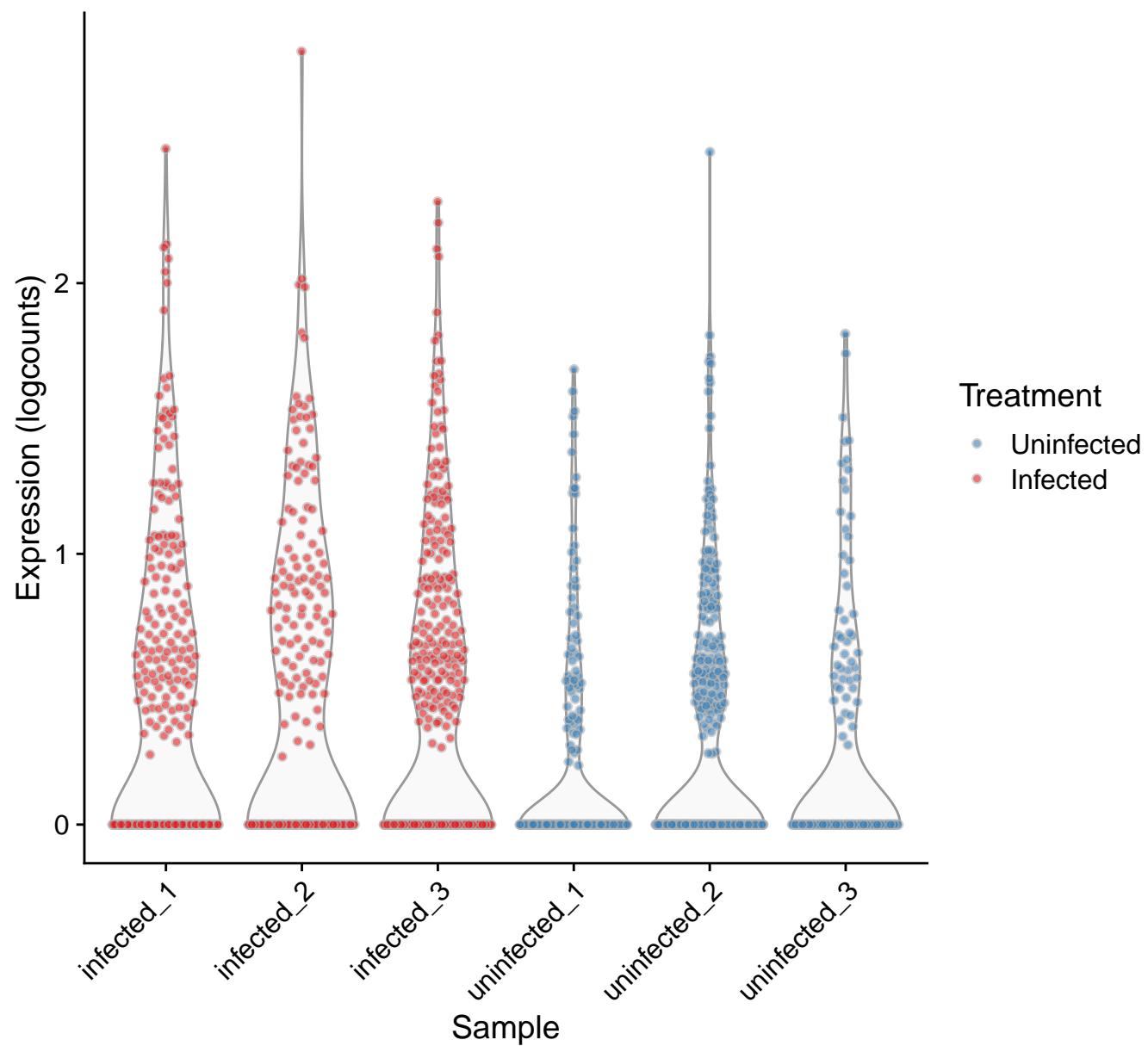
cluster\_10

Expression (logcounts)



# CITED2 (FDR = 3e-04)

cluster\_10



# STN1 (FDR = 3e-04)

cluster\_10

Expression (logcounts)

2.0

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

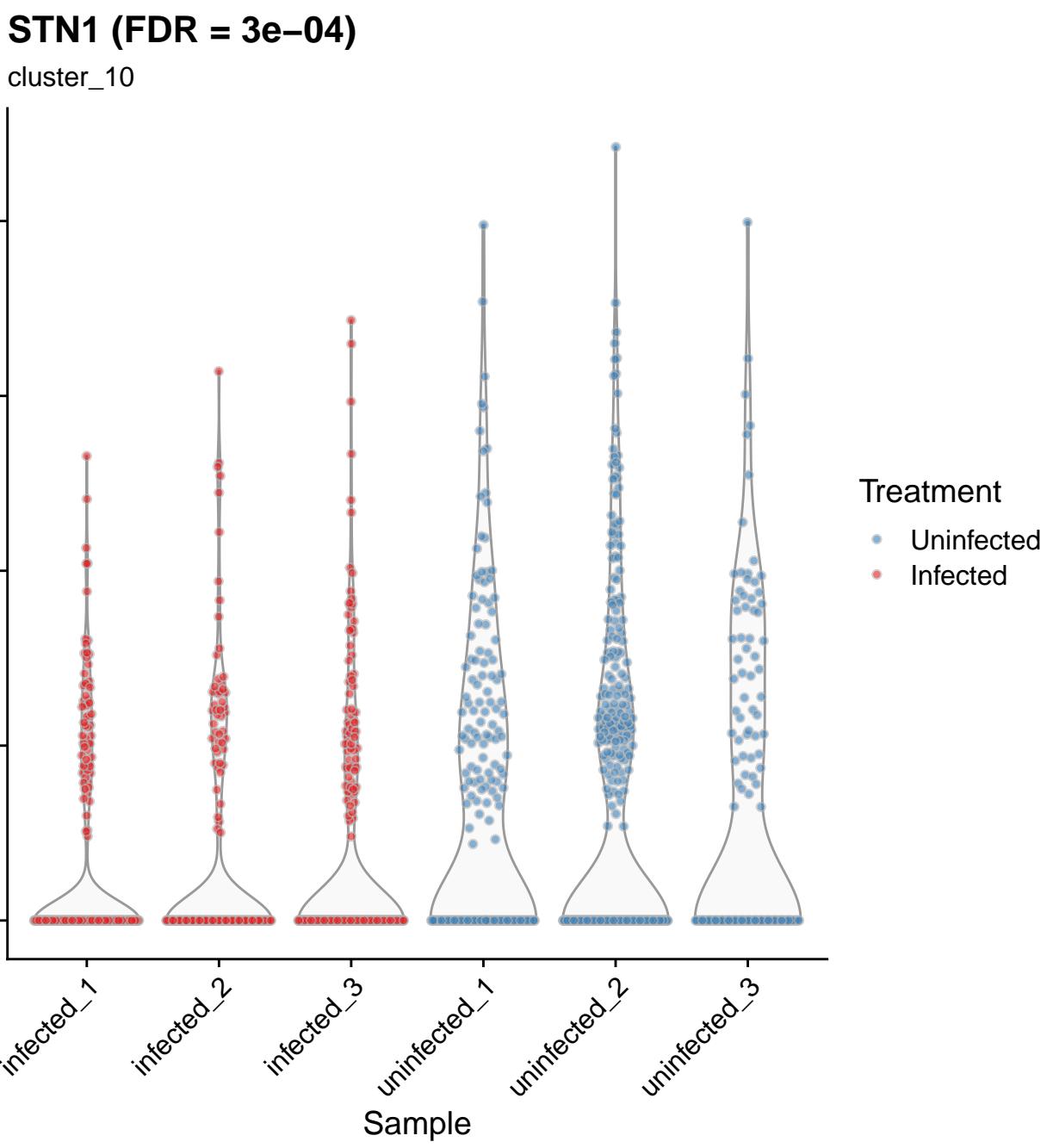
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CHN2 (FDR = 3e-04)

cluster\_10

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

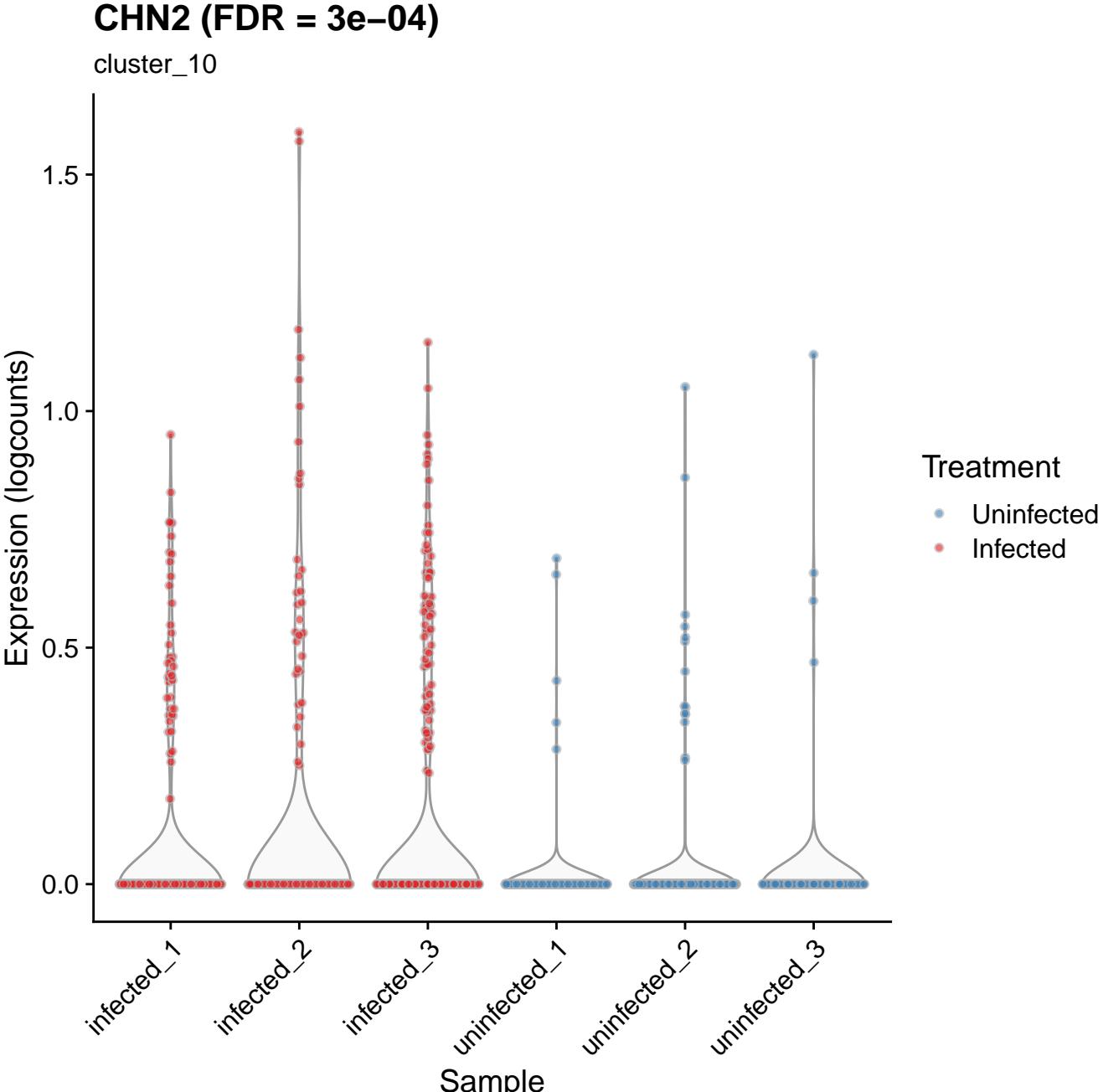
uninfected\_3

1.5

1.0

0.5

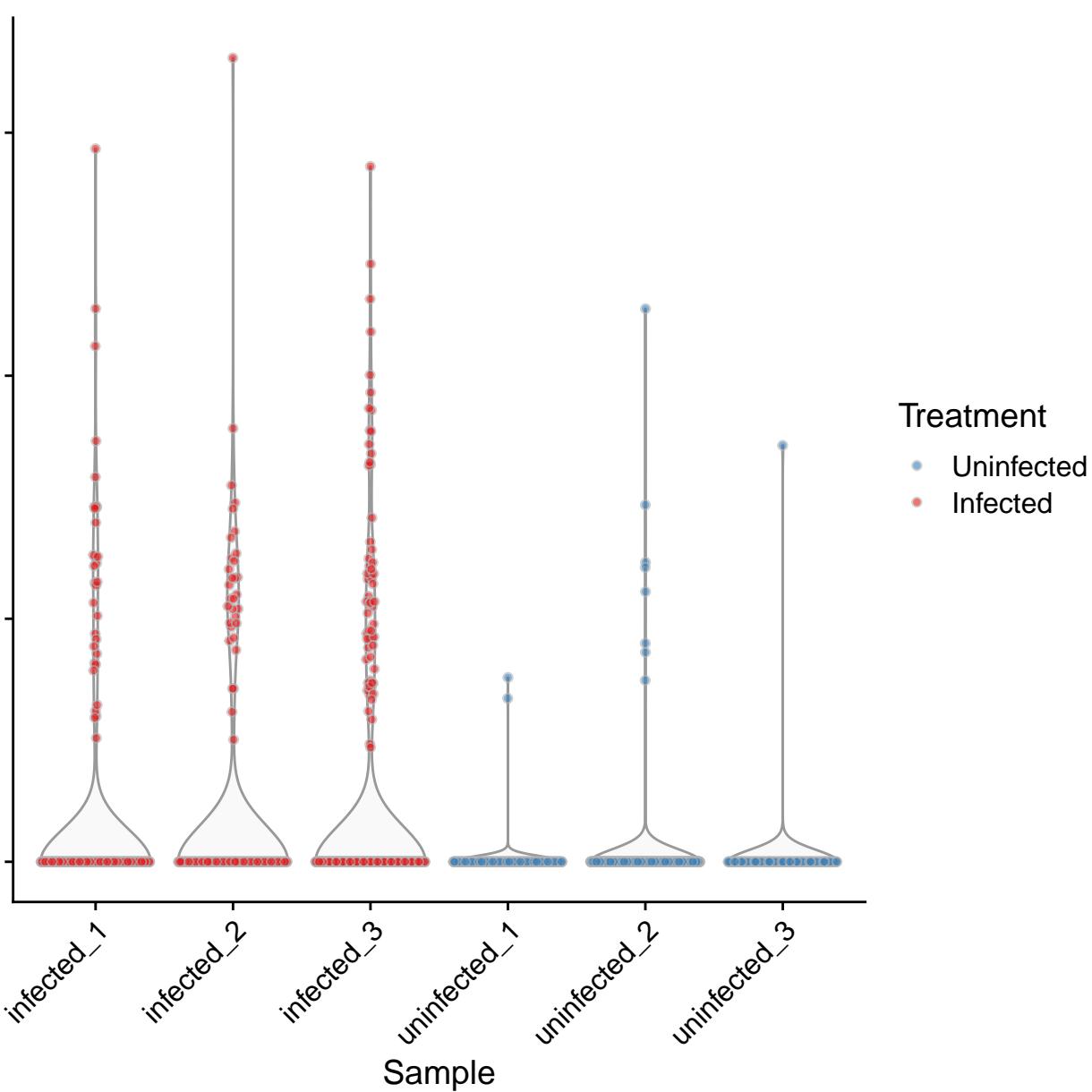
0.0



# GLB1L3 (FDR = 4e-04)

cluster\_10

Expression (logcounts)



# CD74 (FDR = 4e-04)

cluster\_10

Expression (logcounts)

6

4

2

0

infected\_1

infected\_2

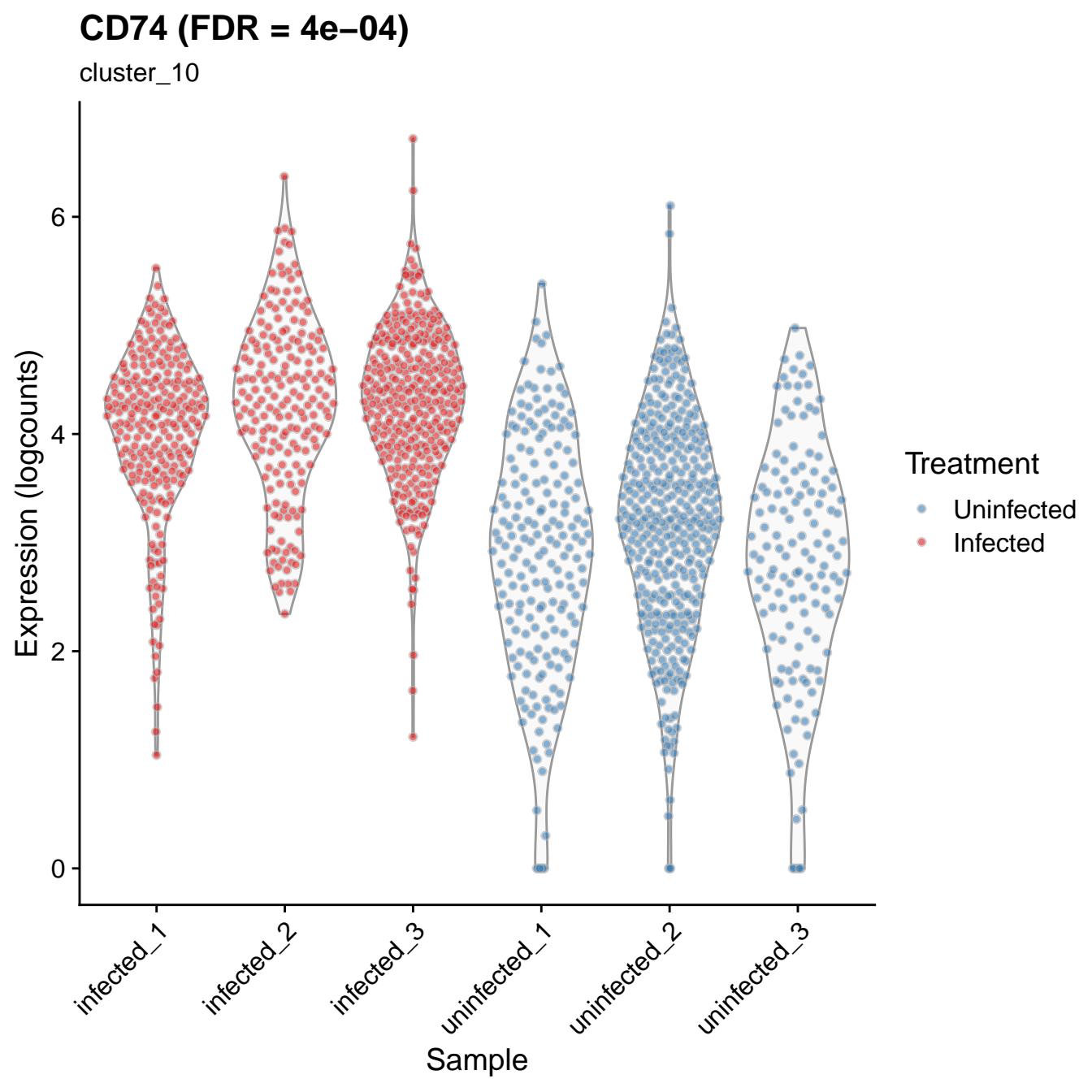
infected\_3

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

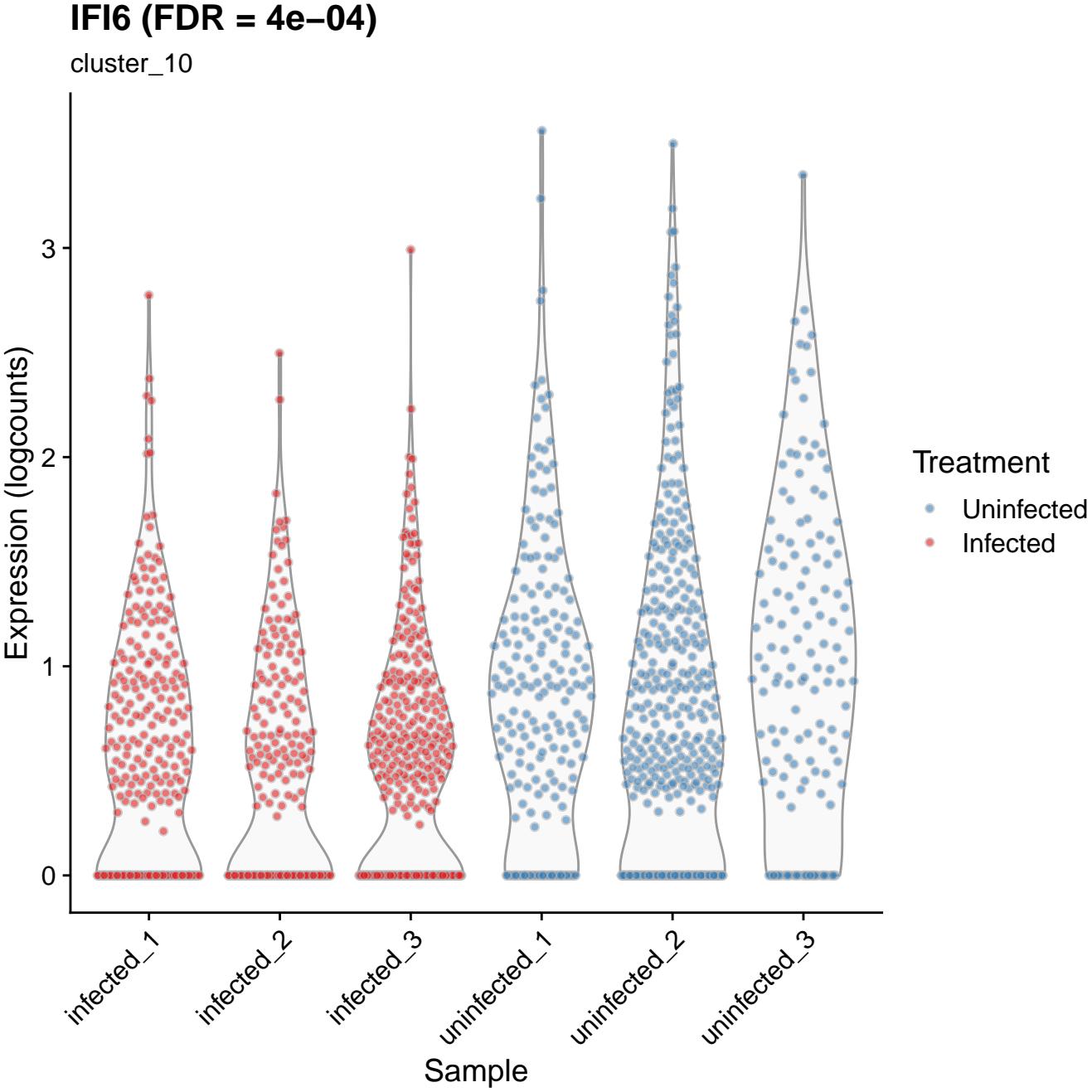
uninfected\_3

3

2

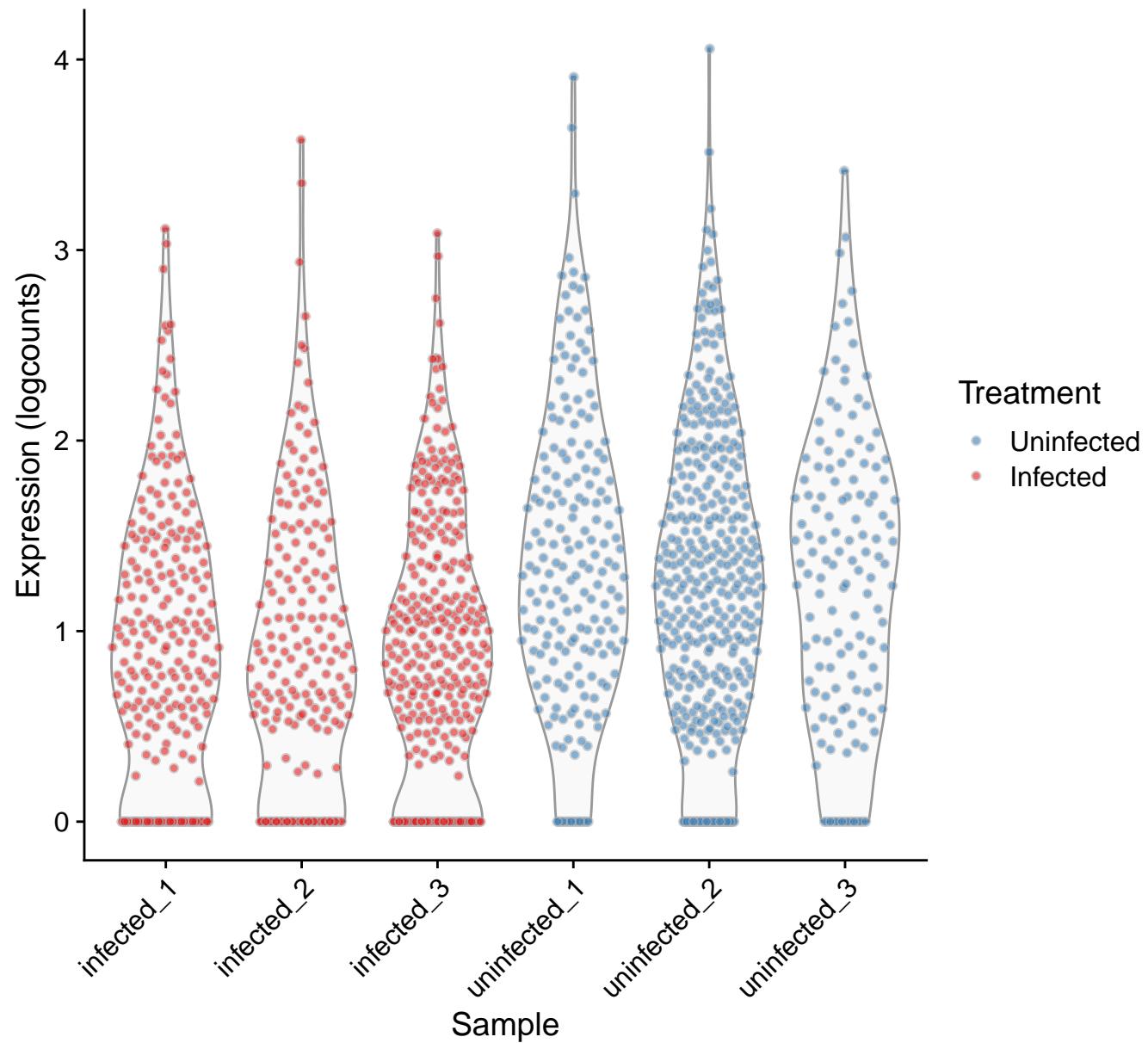
1

0



# ZFP36L1 (FDR = 4e-04)

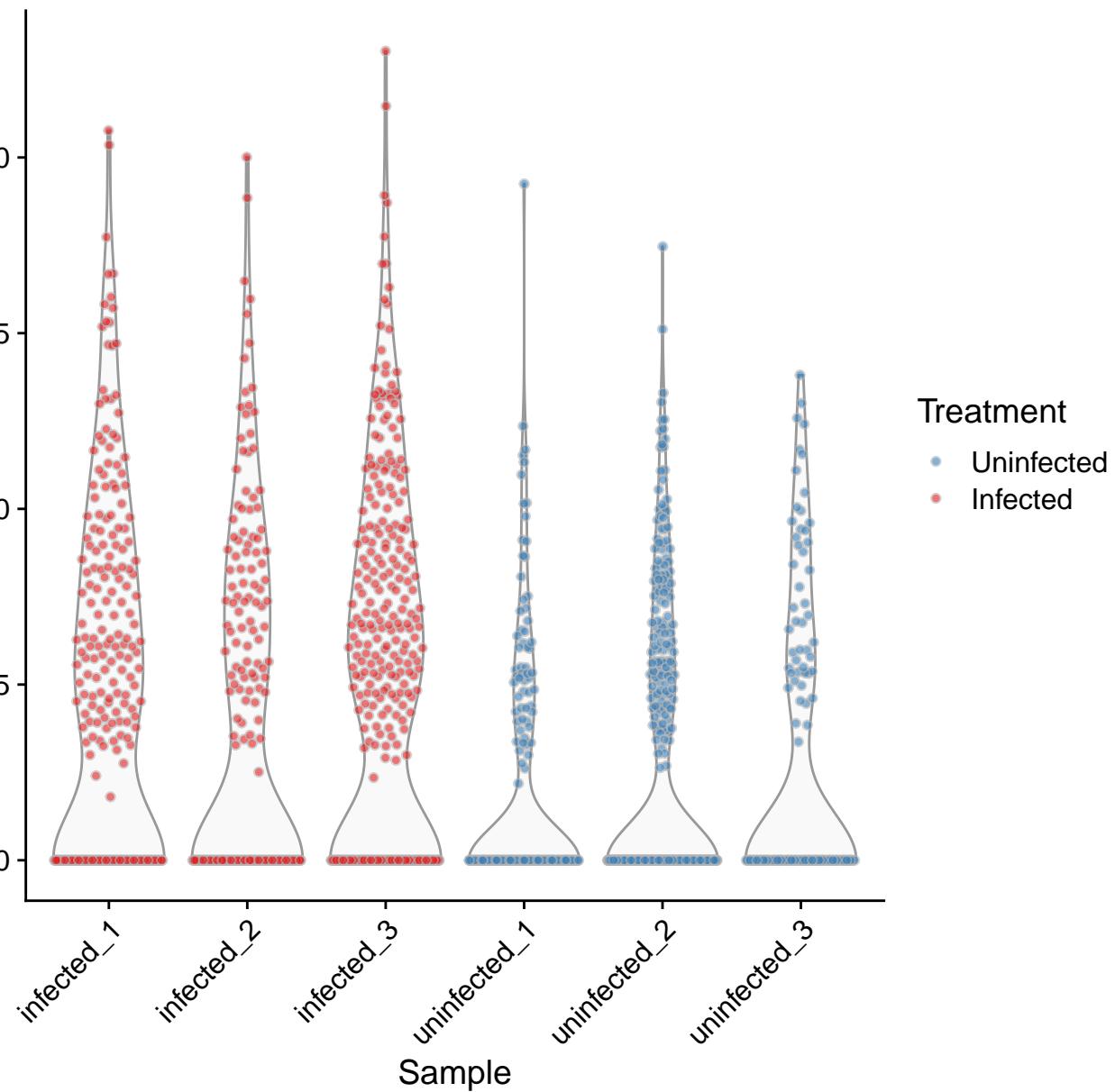
cluster\_10



# IL4R (FDR = 4e-04)

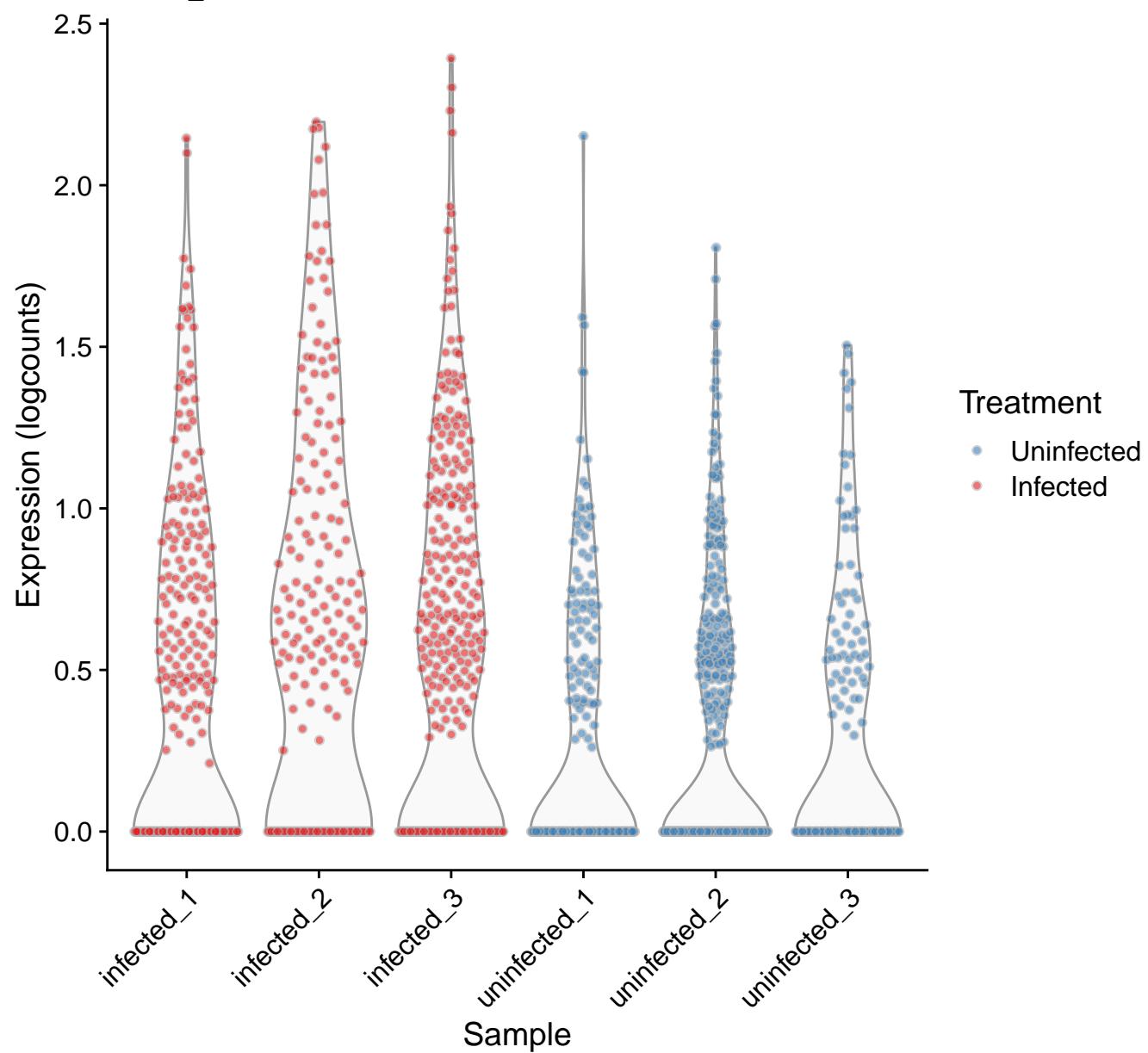
cluster\_10

Expression (logcounts)



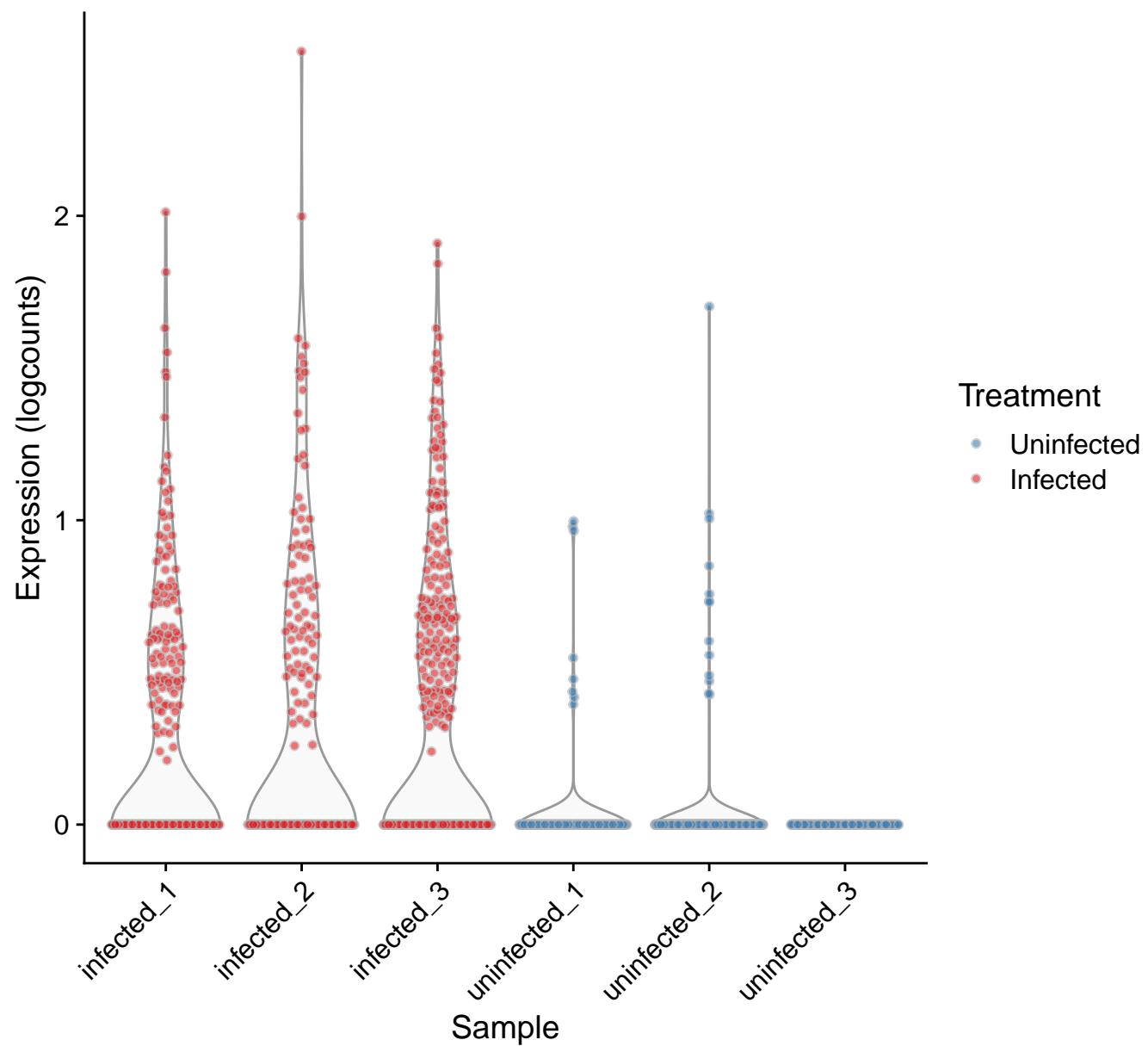
# TPST2 (FDR = 4e-04)

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

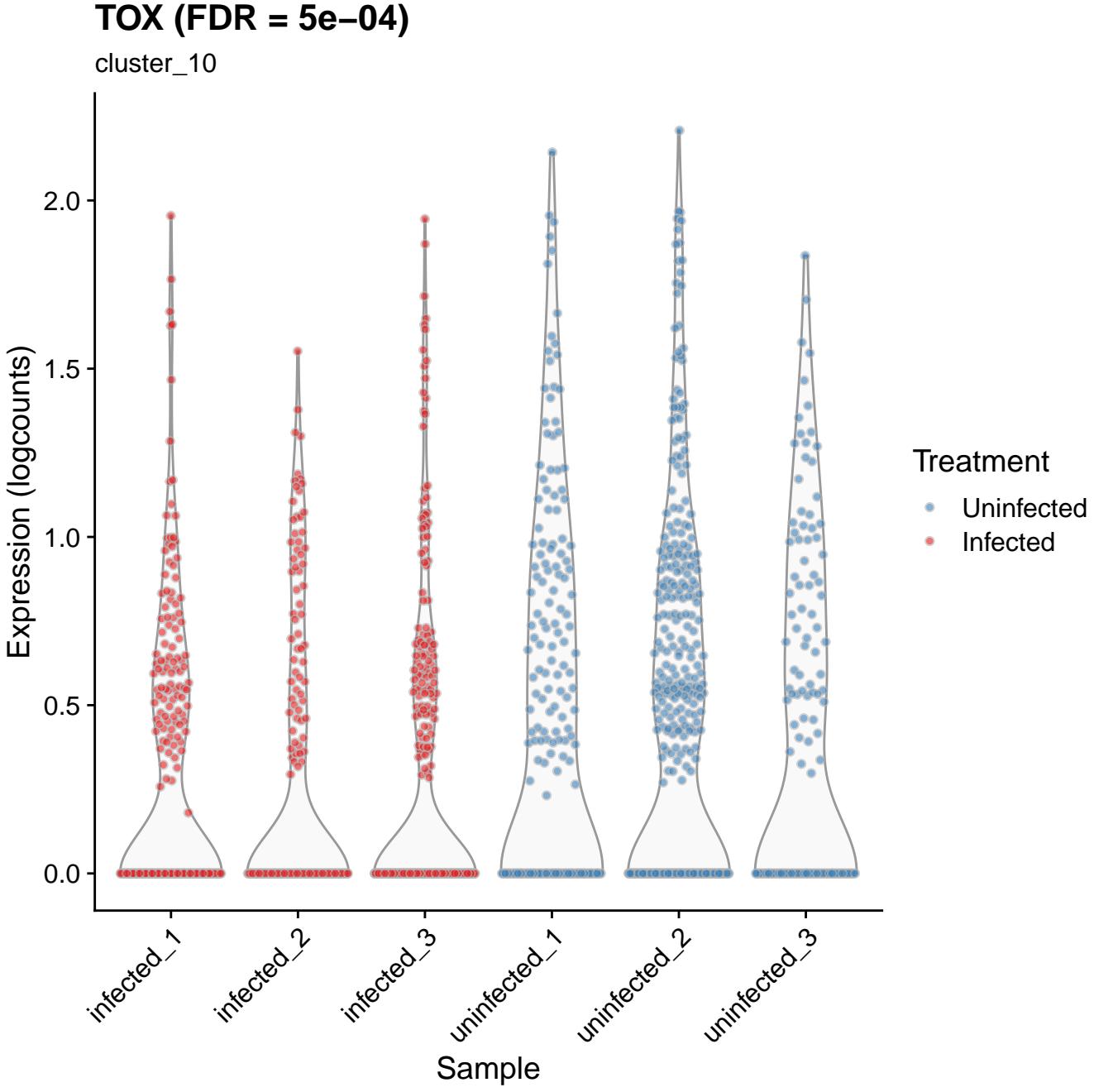
infected\_3

Sample

uninfected\_1

uninfected\_2

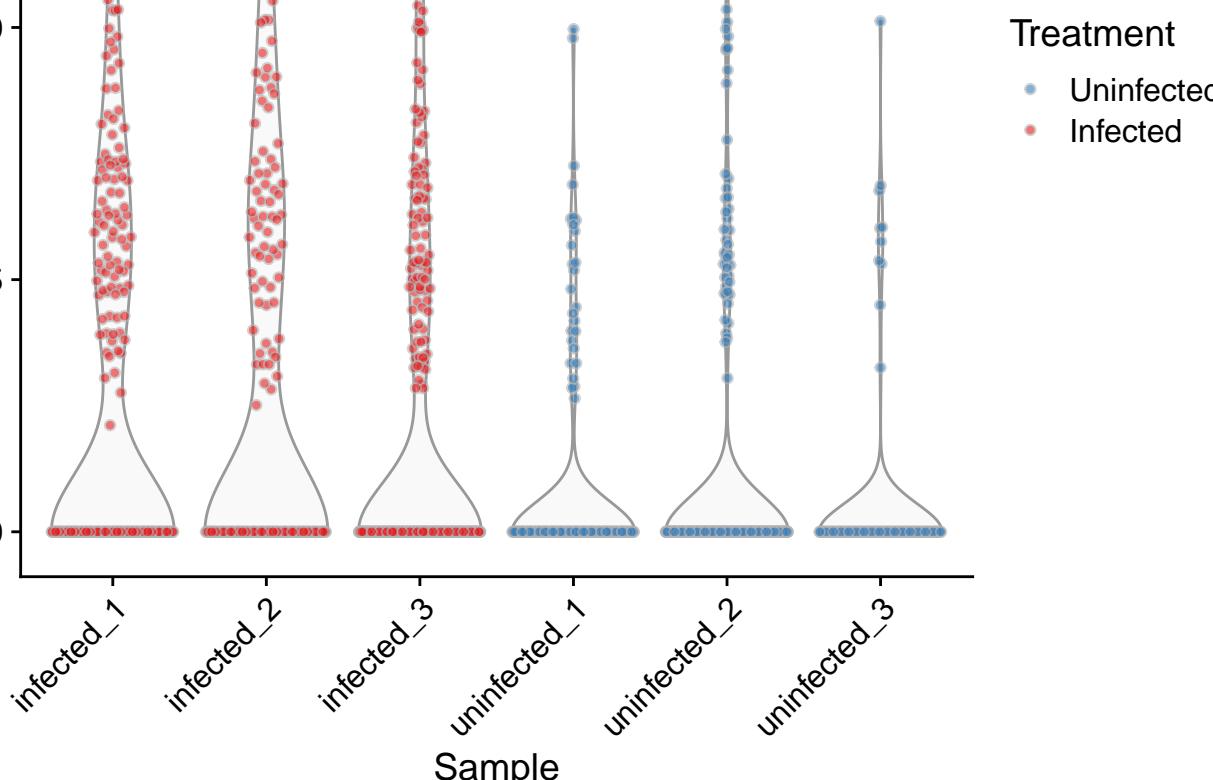
uninfected\_3



# PTPRN2 (FDR = 6e-04)

cluster\_10

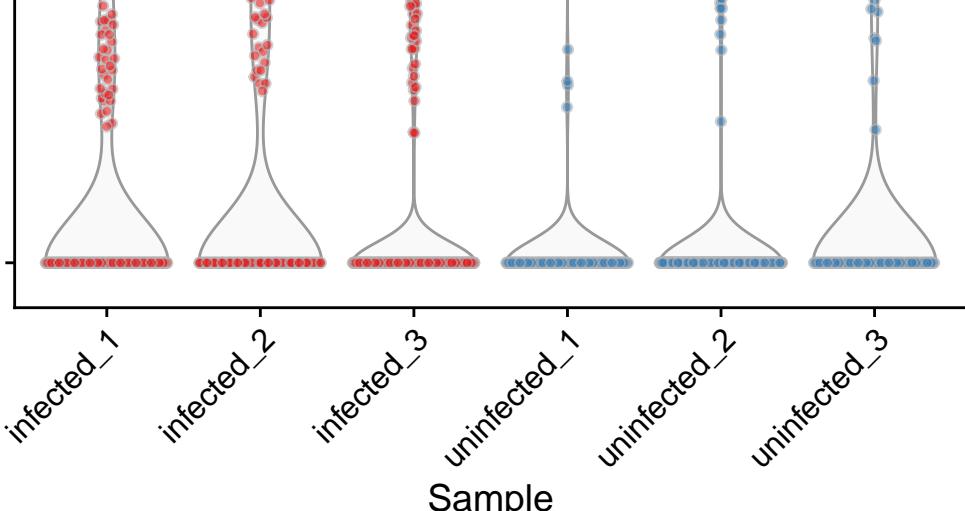
Expression (logcounts)



# TIAM2 (FDR = 6e-04)

cluster\_10

Expression (logcounts)



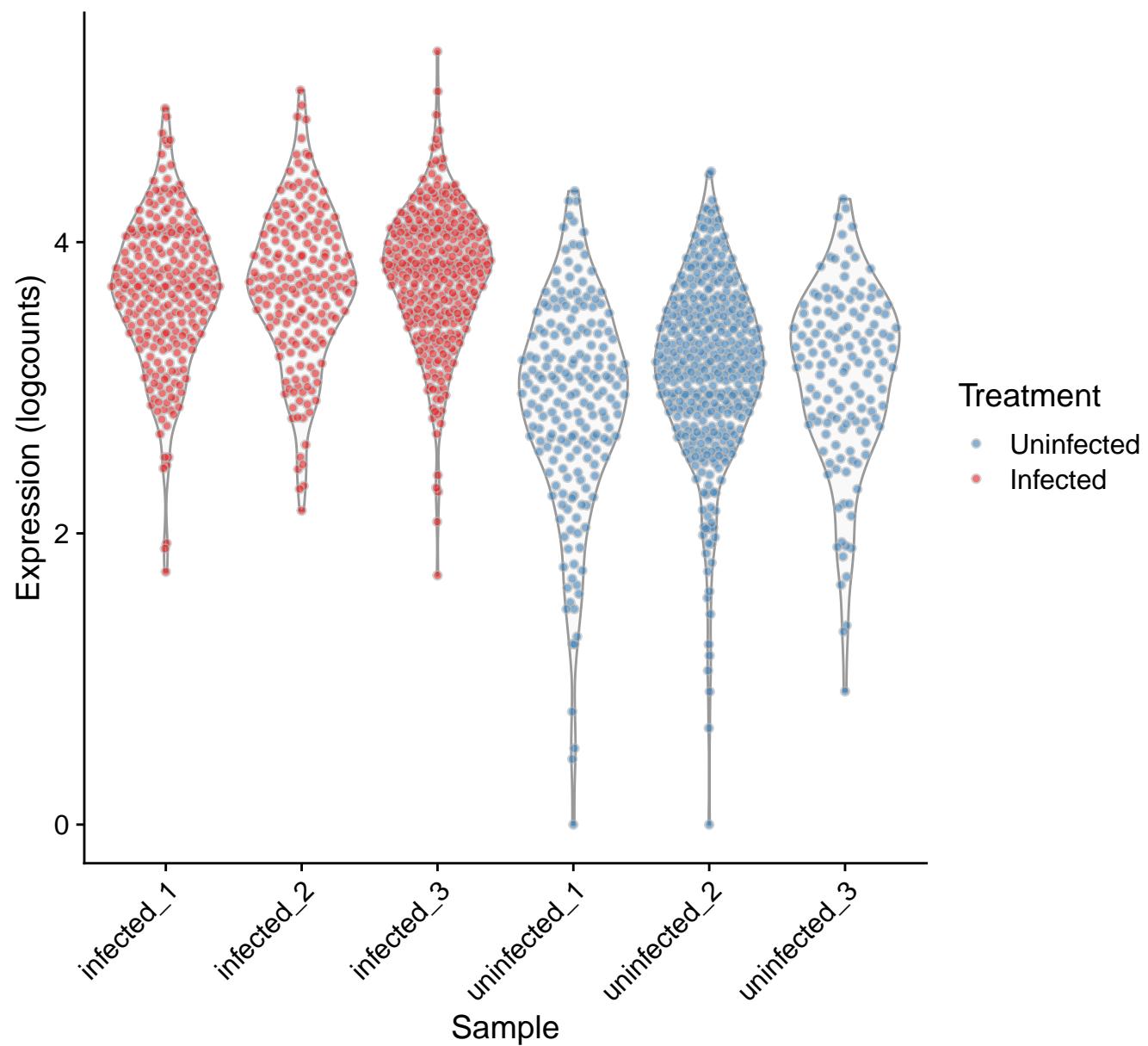
Treatment

- Uninfected
- Infected

Sample

# CD99 (FDR = 7e-04)

cluster\_10



# PARVG (FDR = 8e-04)

cluster\_10

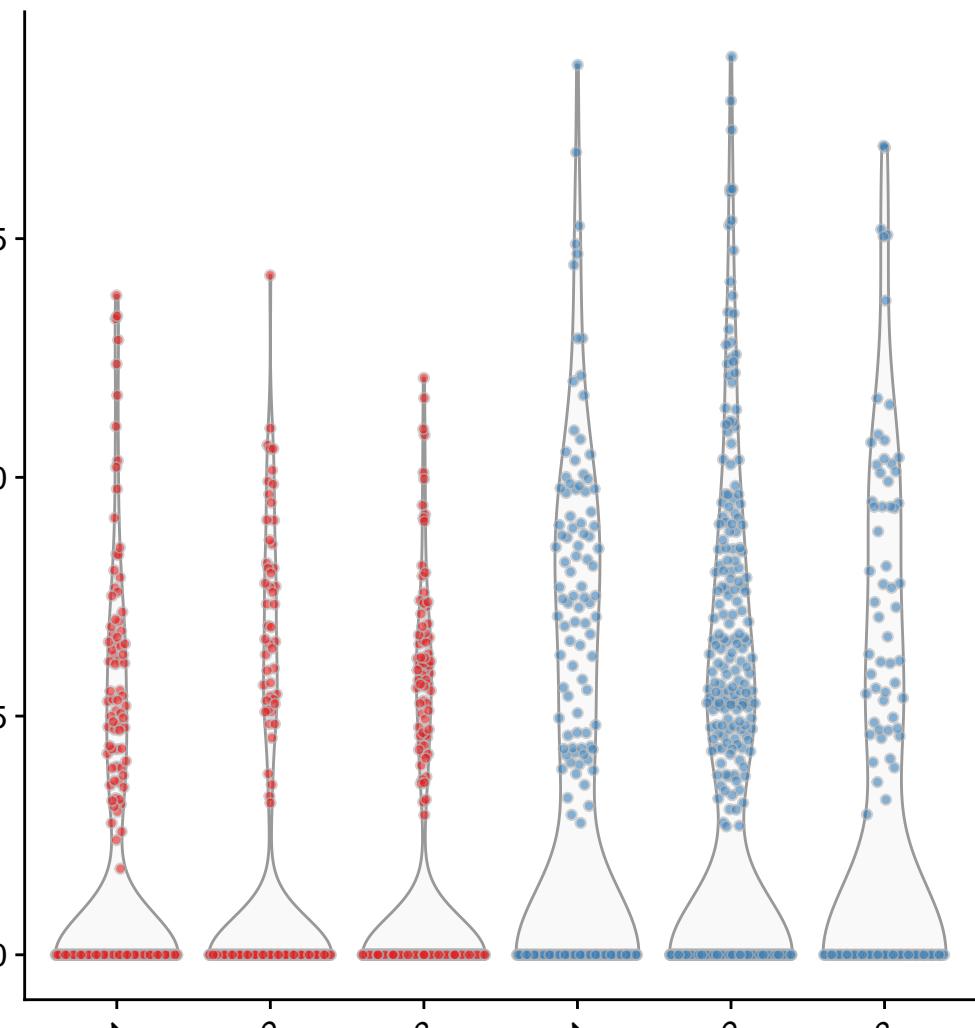
Expression (logcounts)

1.5

1.0

0.5

0.0



Treatment

- Uninfected
- Infected

Sample

# 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

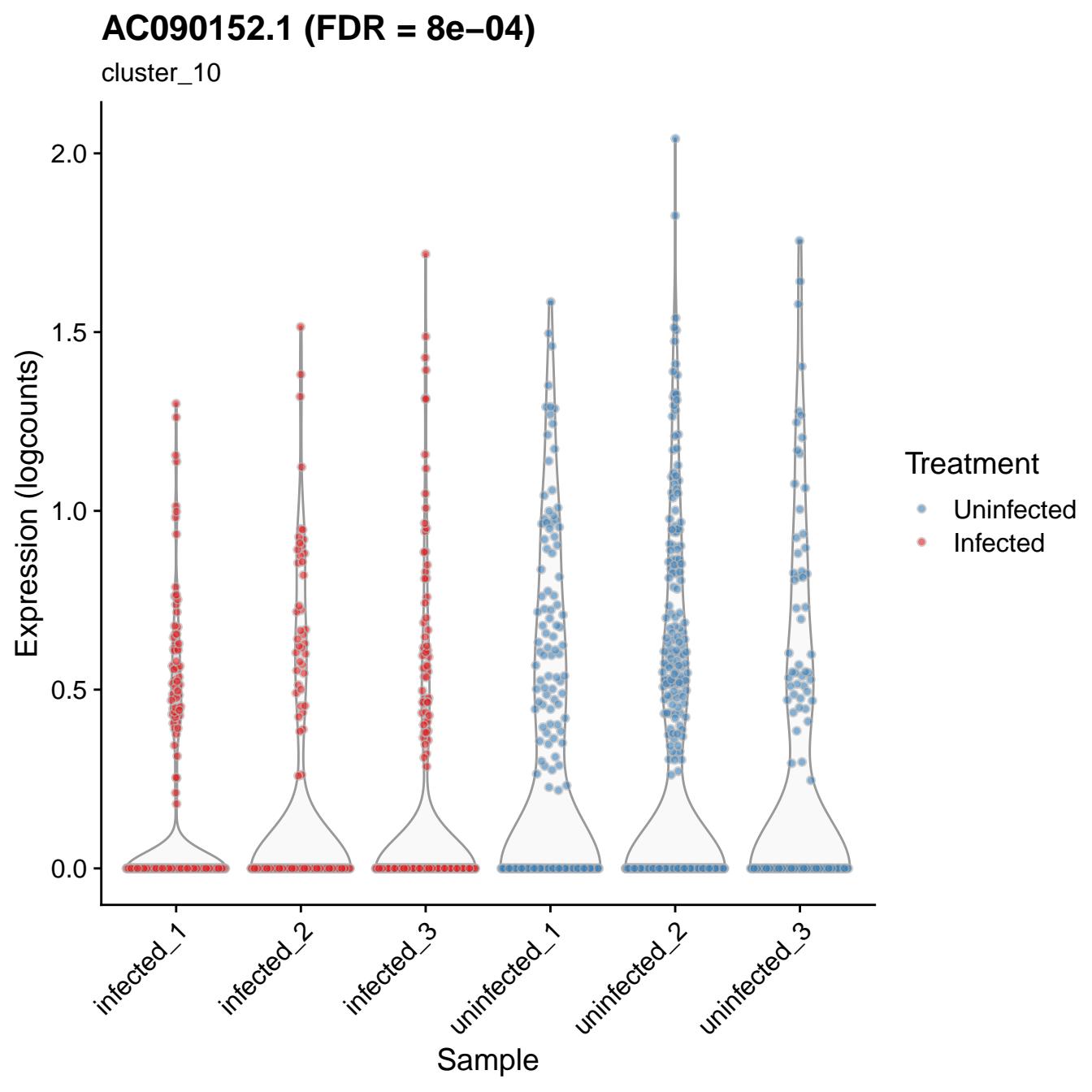
infected\_3

Sample

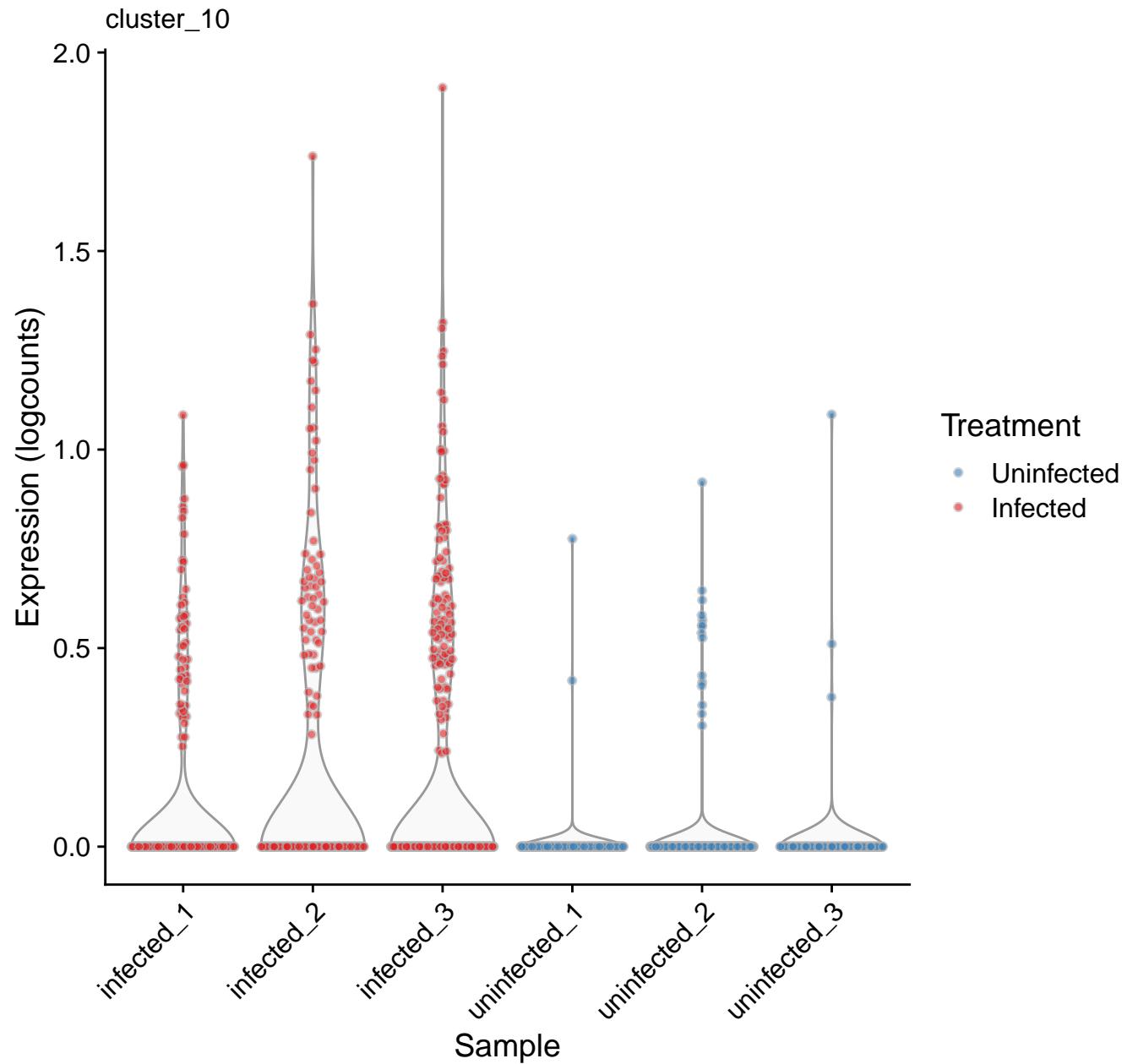
uninfected\_1

uninfected\_2

uninfected\_3



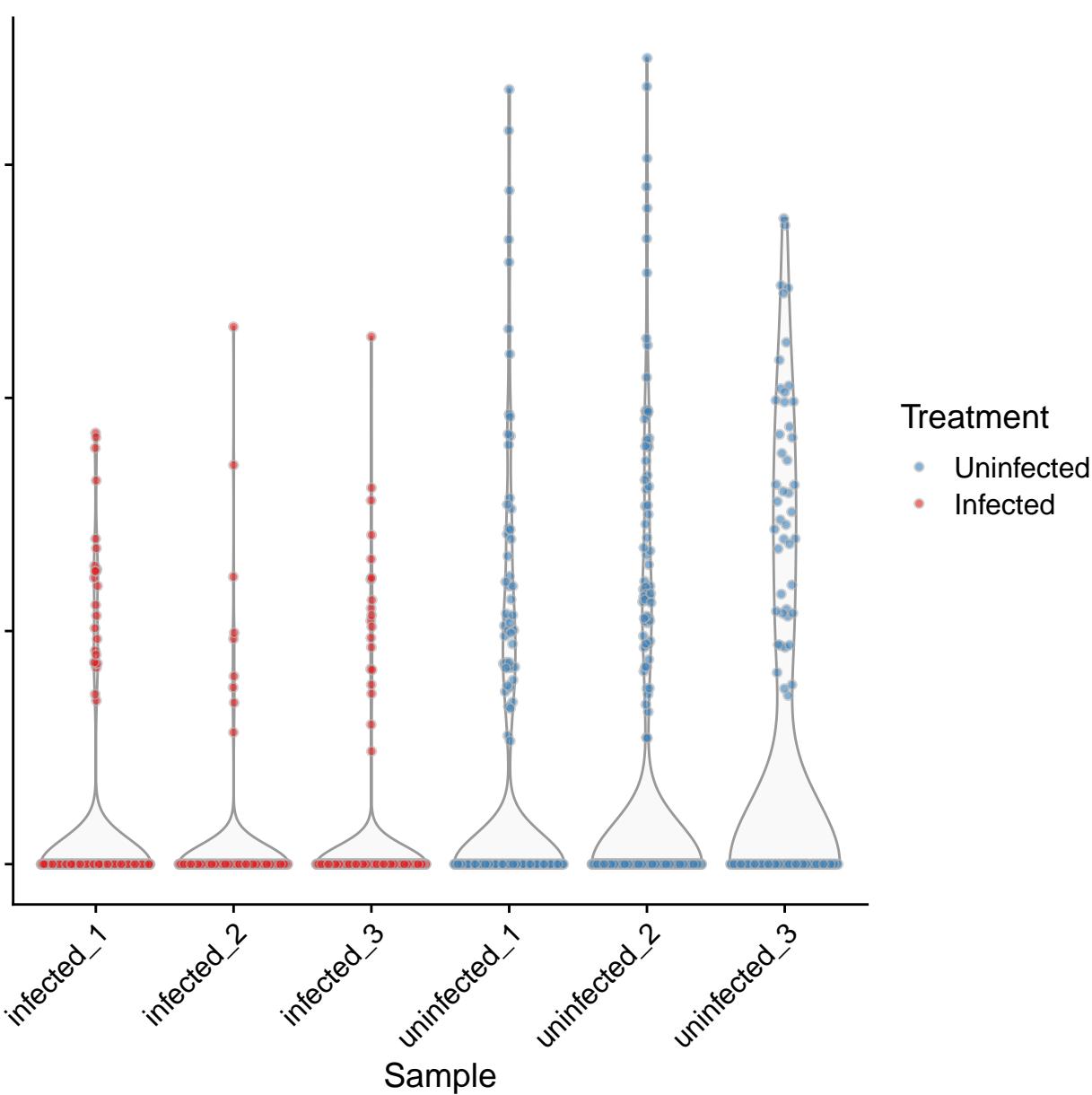
# HDGFL3 (FDR = 8e-04)



# IFI44 (FDR = 8e-04)

cluster\_10

Expression (logcounts)



# THEM4 (FDR = 8e-04)

cluster\_10

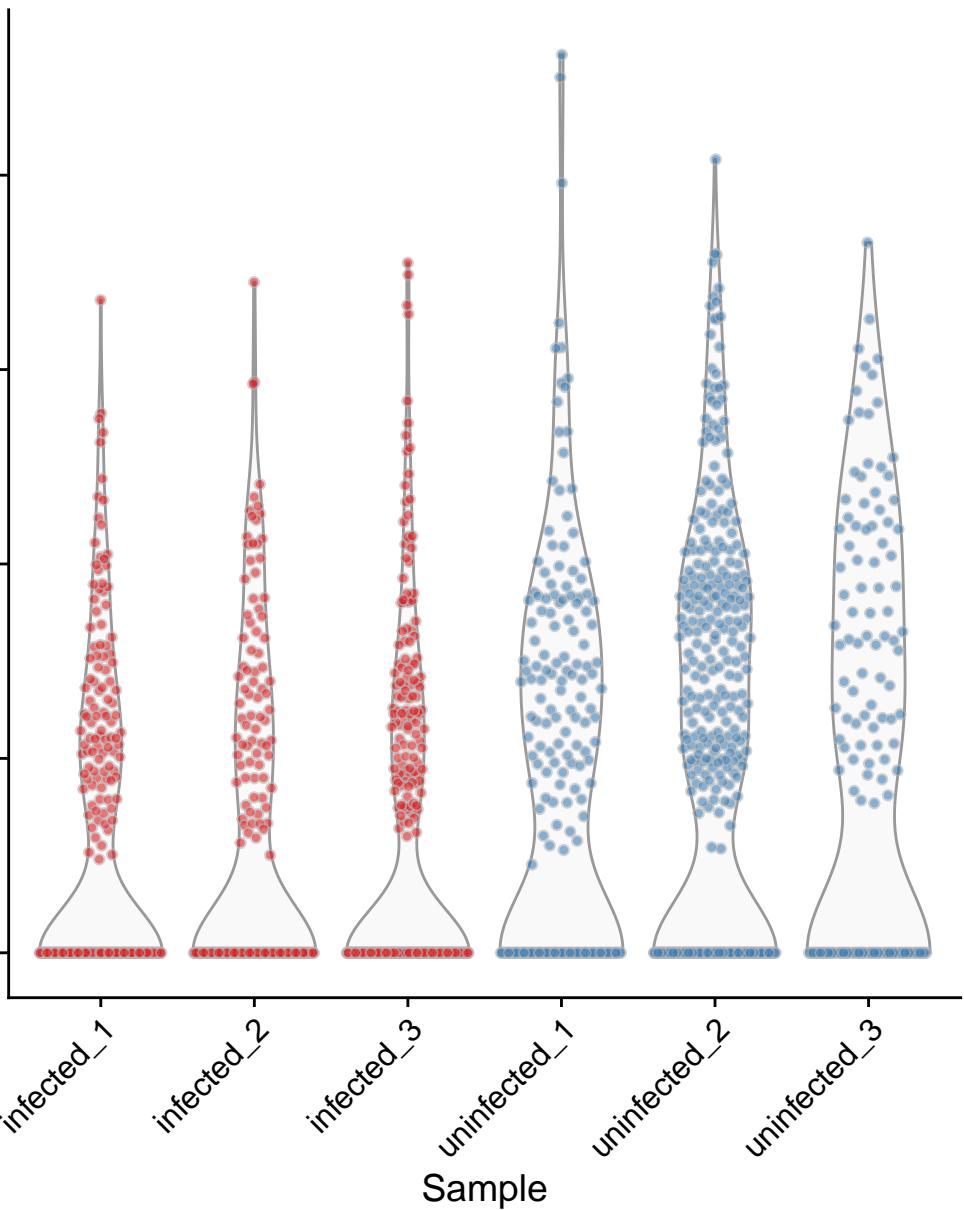
Expression (logcounts)

2.0  
1.0  
0.0

infected\_1 infected\_2 infected\_3 uninfected\_1 uninfected\_2 uninfected\_3

Sample

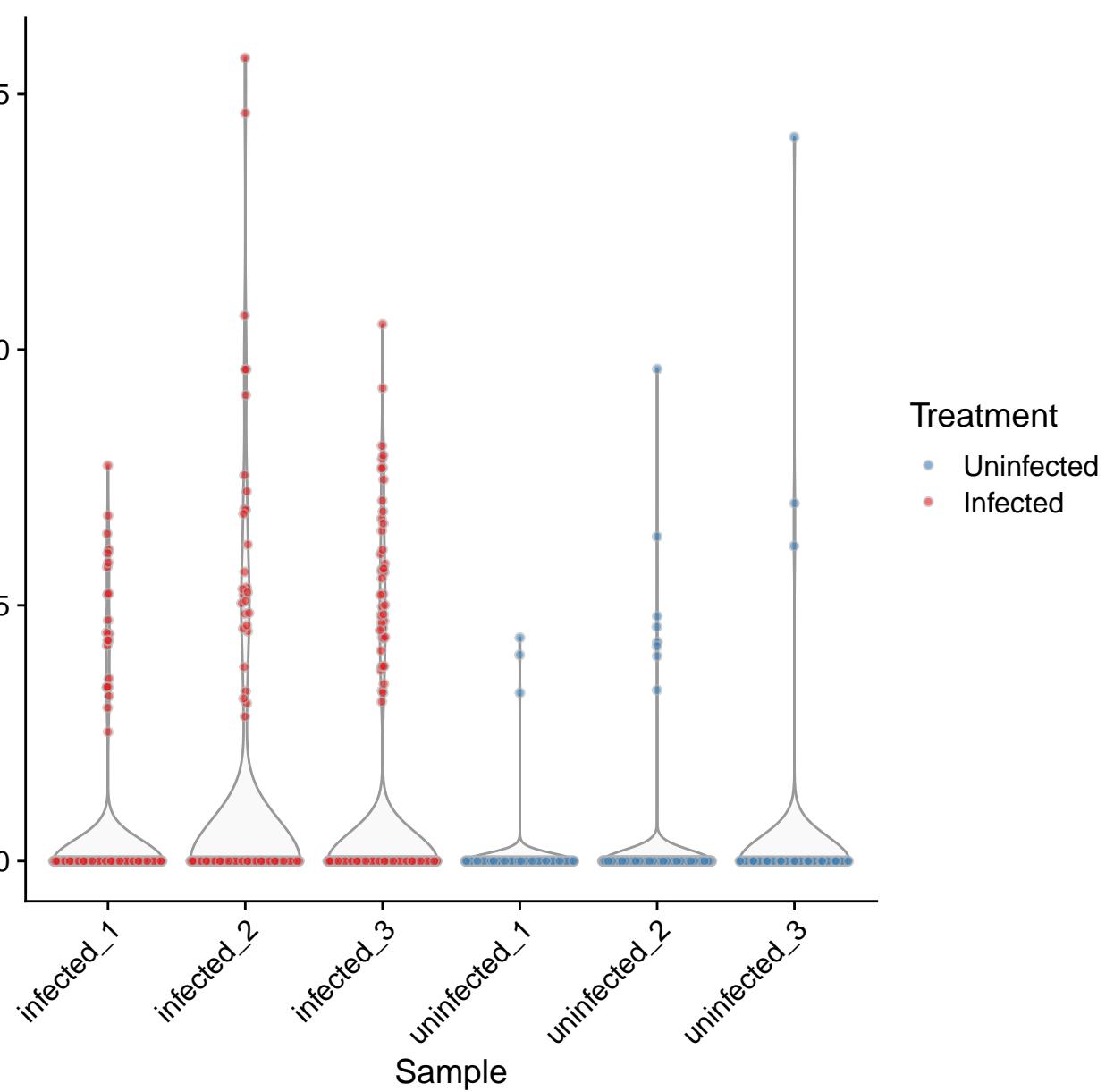
Treatment  
Uninfected  
Infected



# SH3RF2 (FDR = 9e-04)

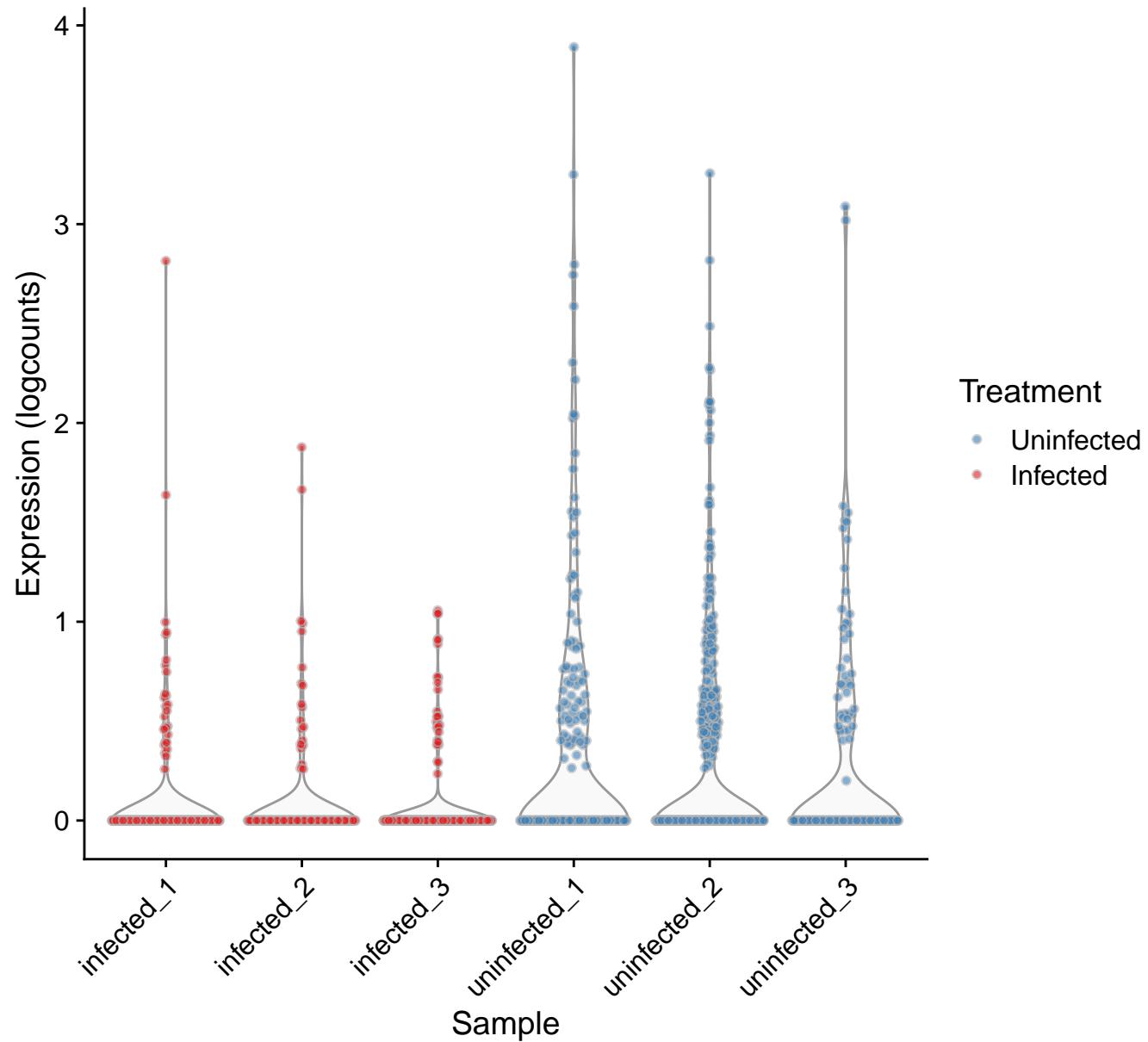
cluster\_10

Expression (logcounts)



# LTA (FDR = 0.001)

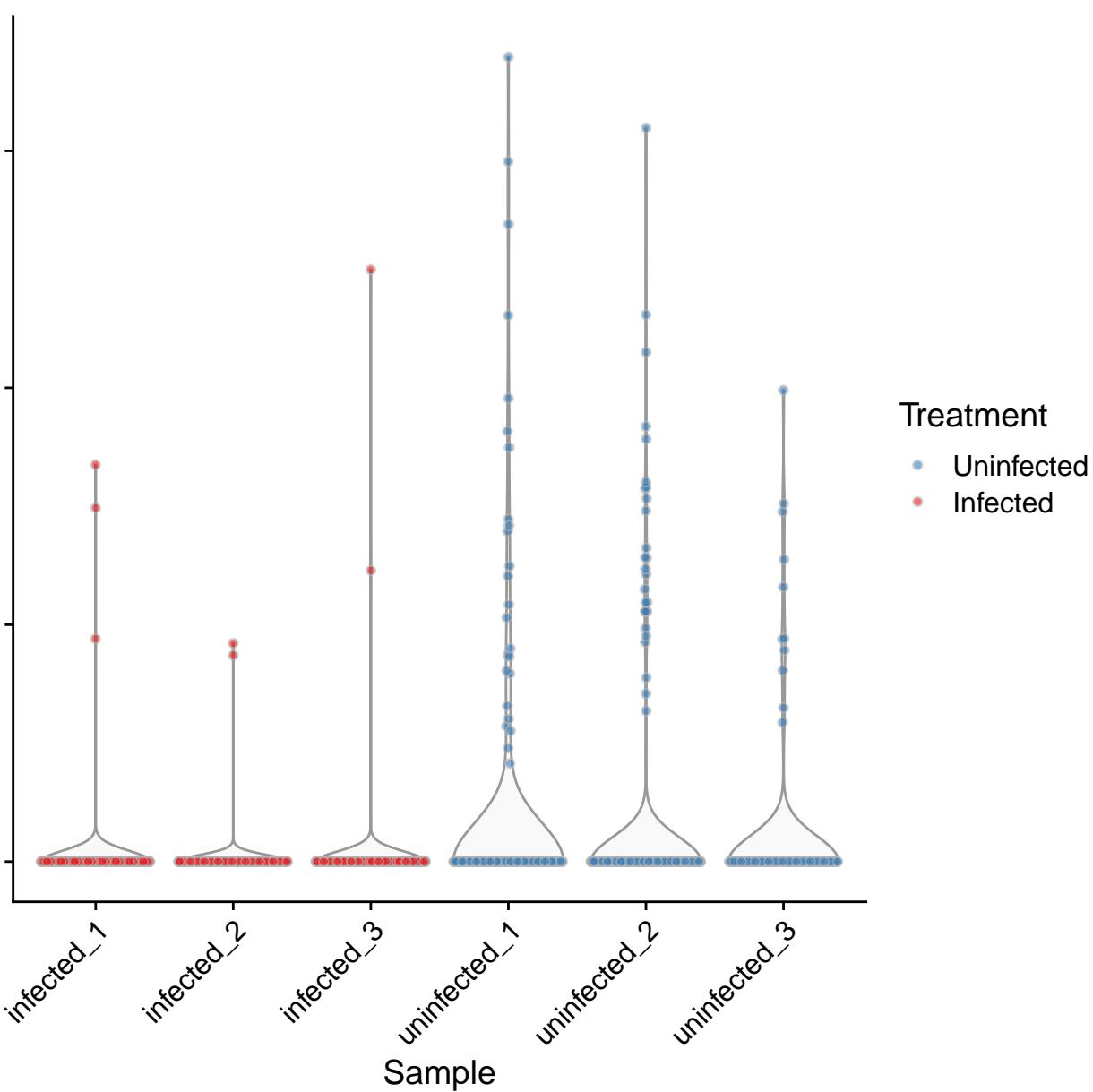
cluster\_10



# LINC01891 (FDR = 0.001)

cluster\_10

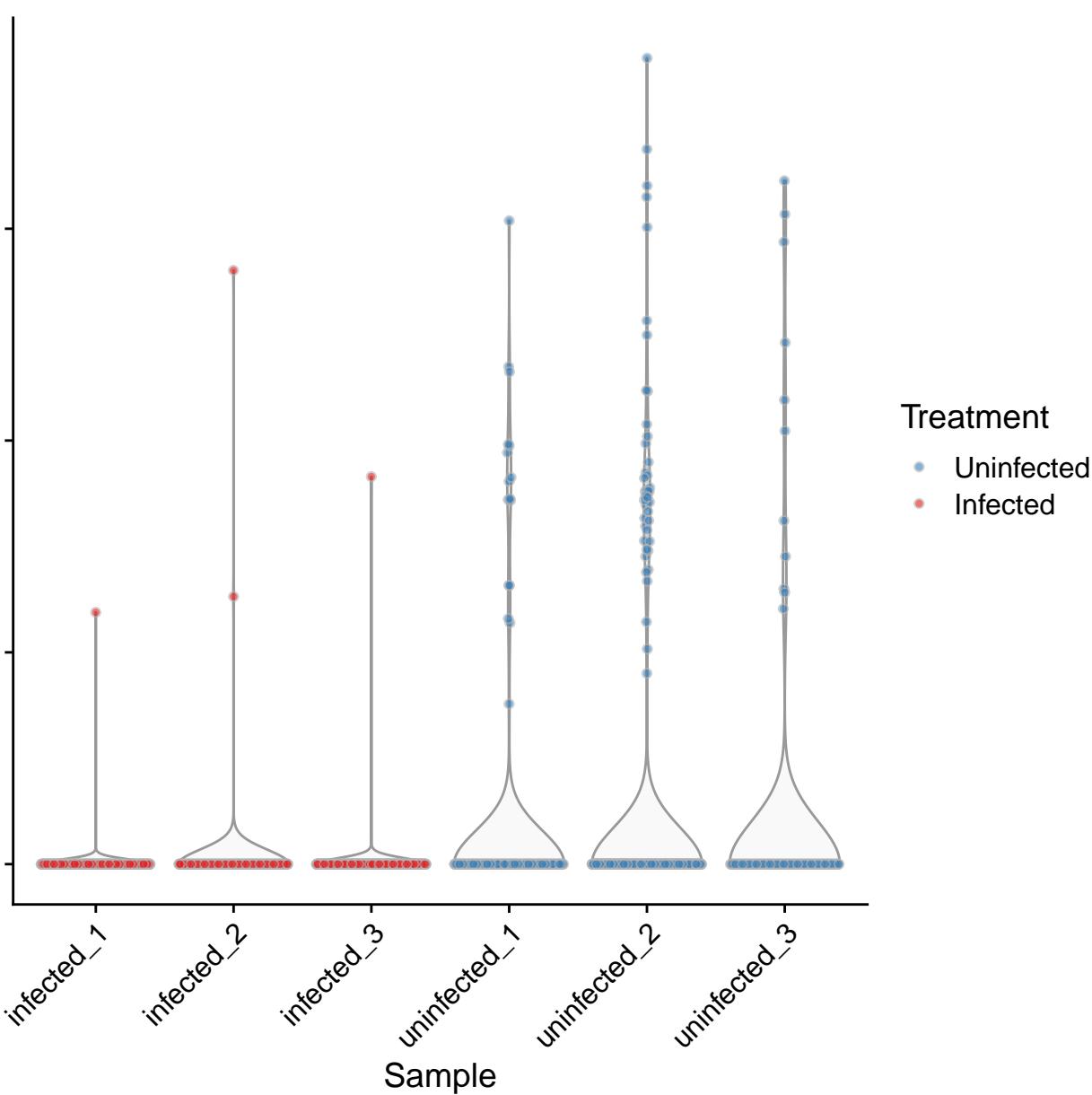
Expression (logcounts)



# FNBP1L (FDR = 0.001)

cluster\_10

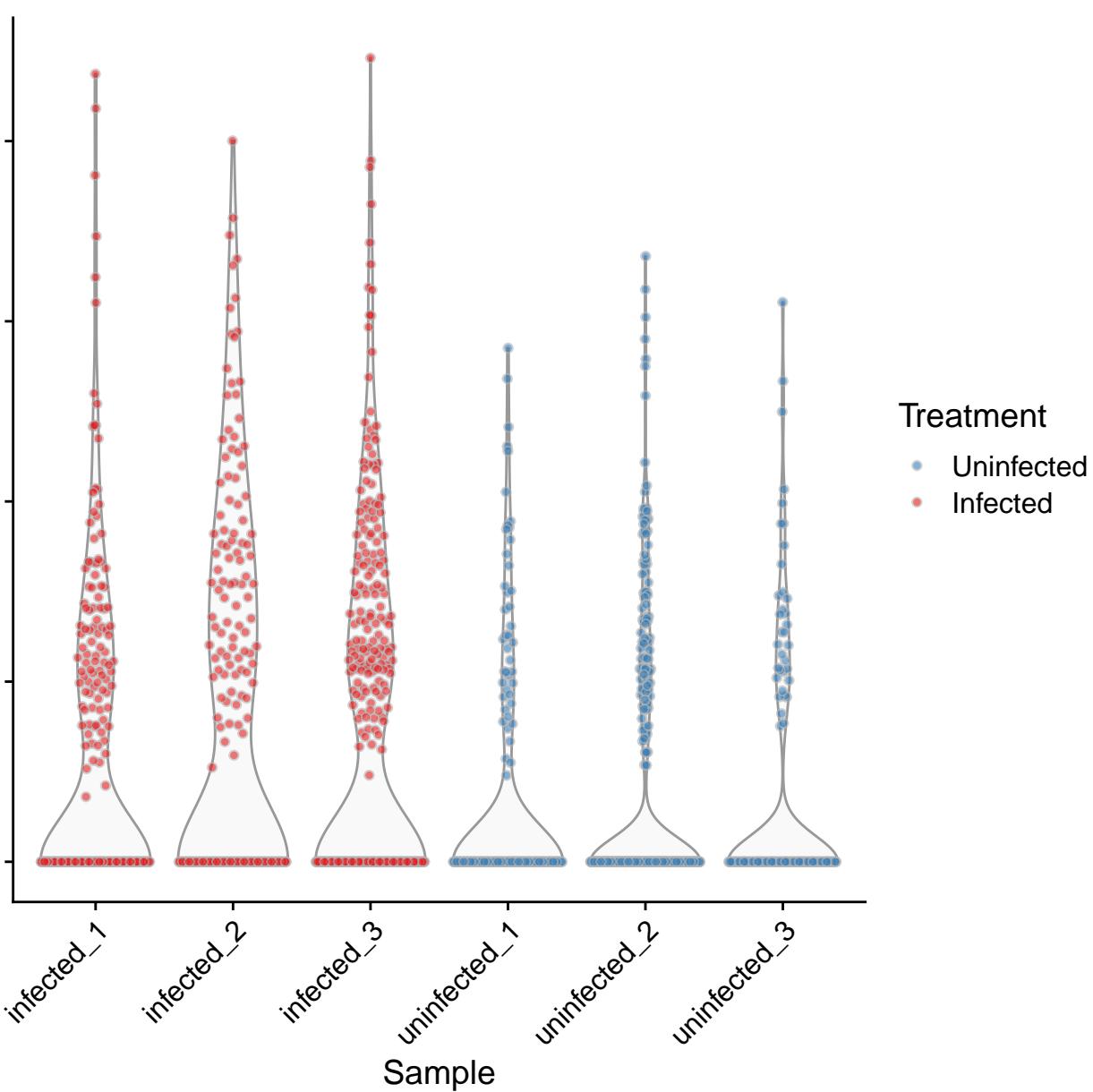
Expression (logcounts)



# EEP1 (FDR = 0.001)

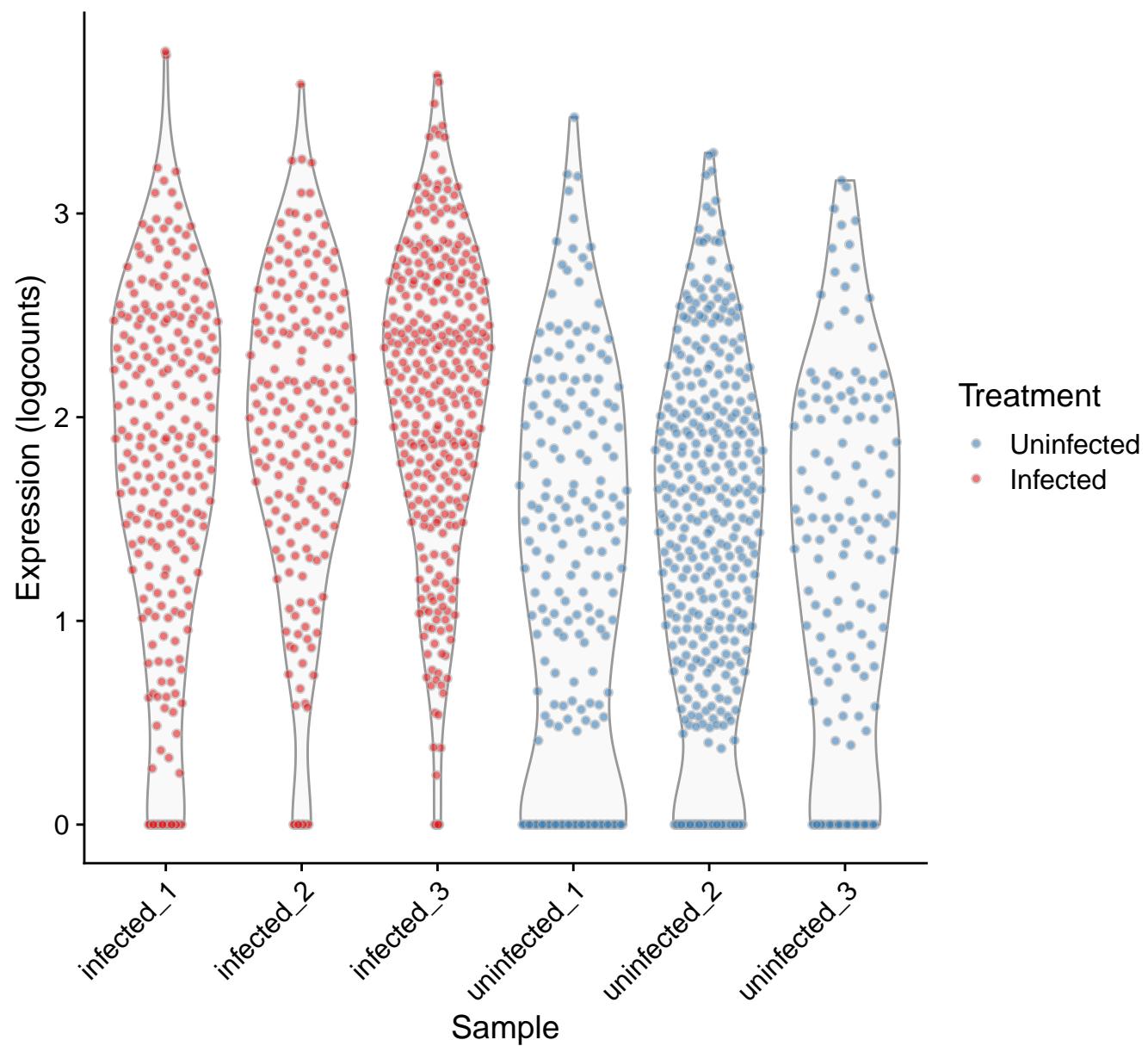
cluster\_10

Expression (logcounts)



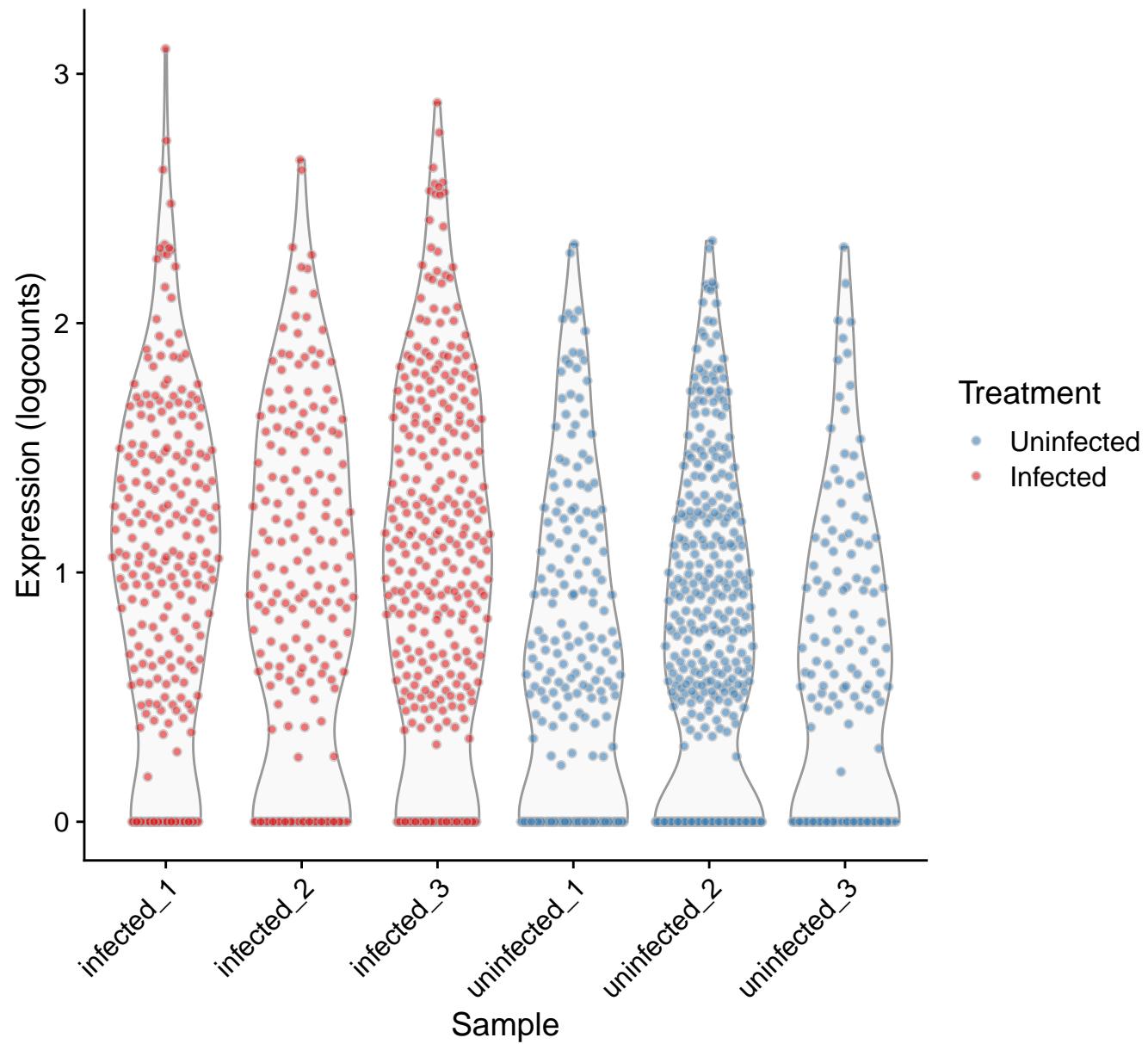
# CXCR3 (FDR = 0.001)

cluster\_10



# VSIR (FDR = 0.001)

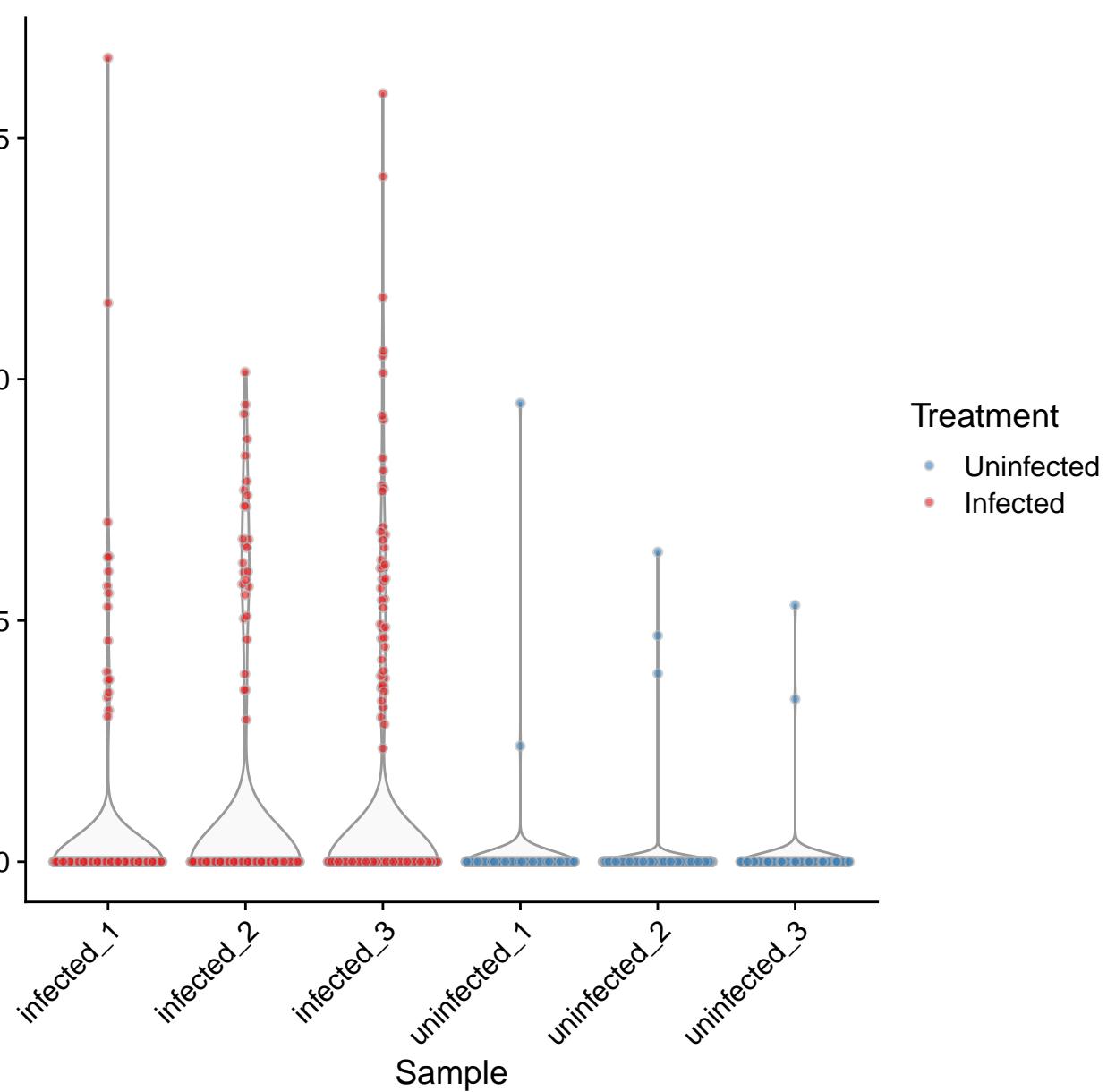
cluster\_10



# DST (FDR = 0.001)

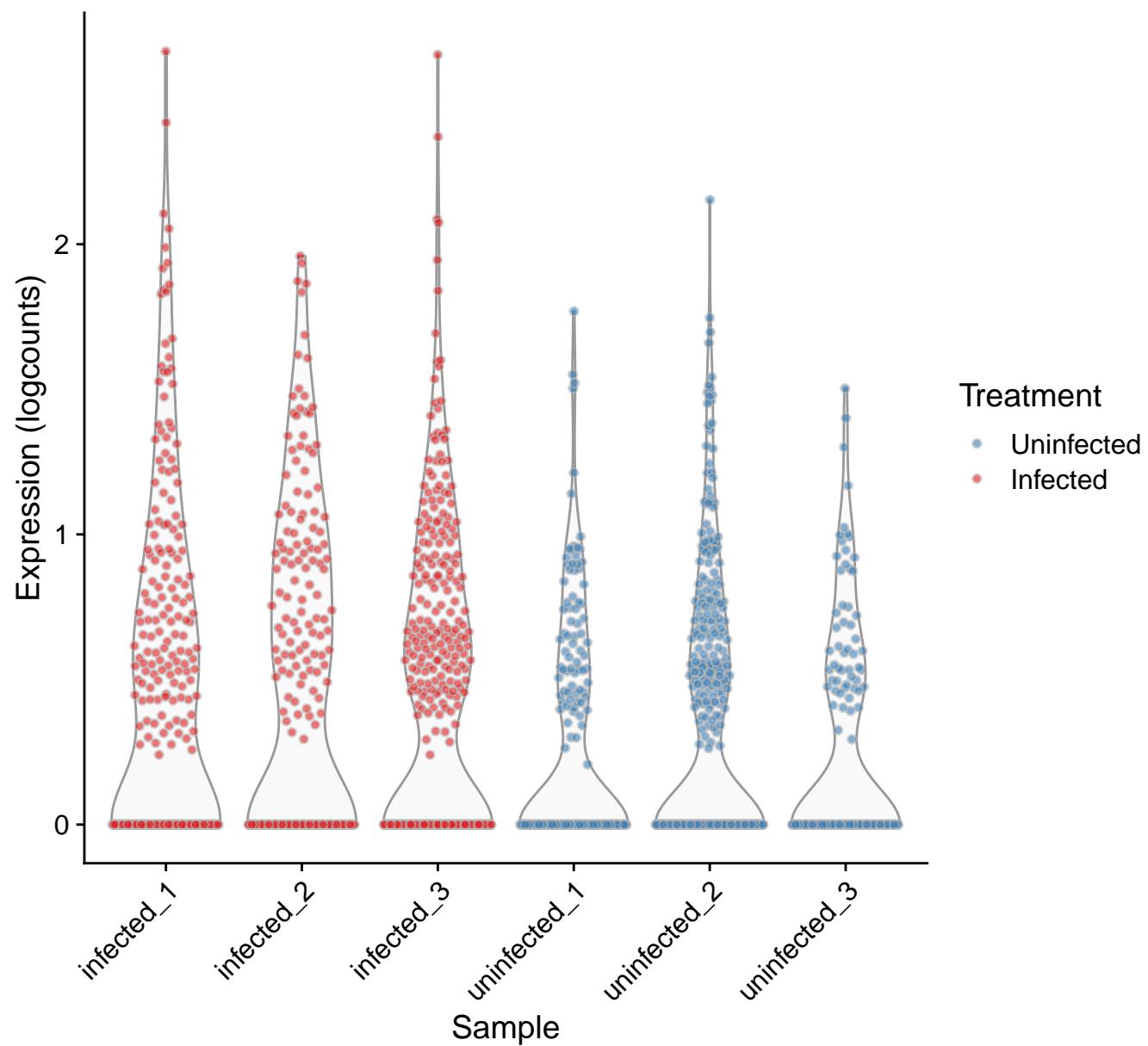
cluster\_10

Expression (logcounts)



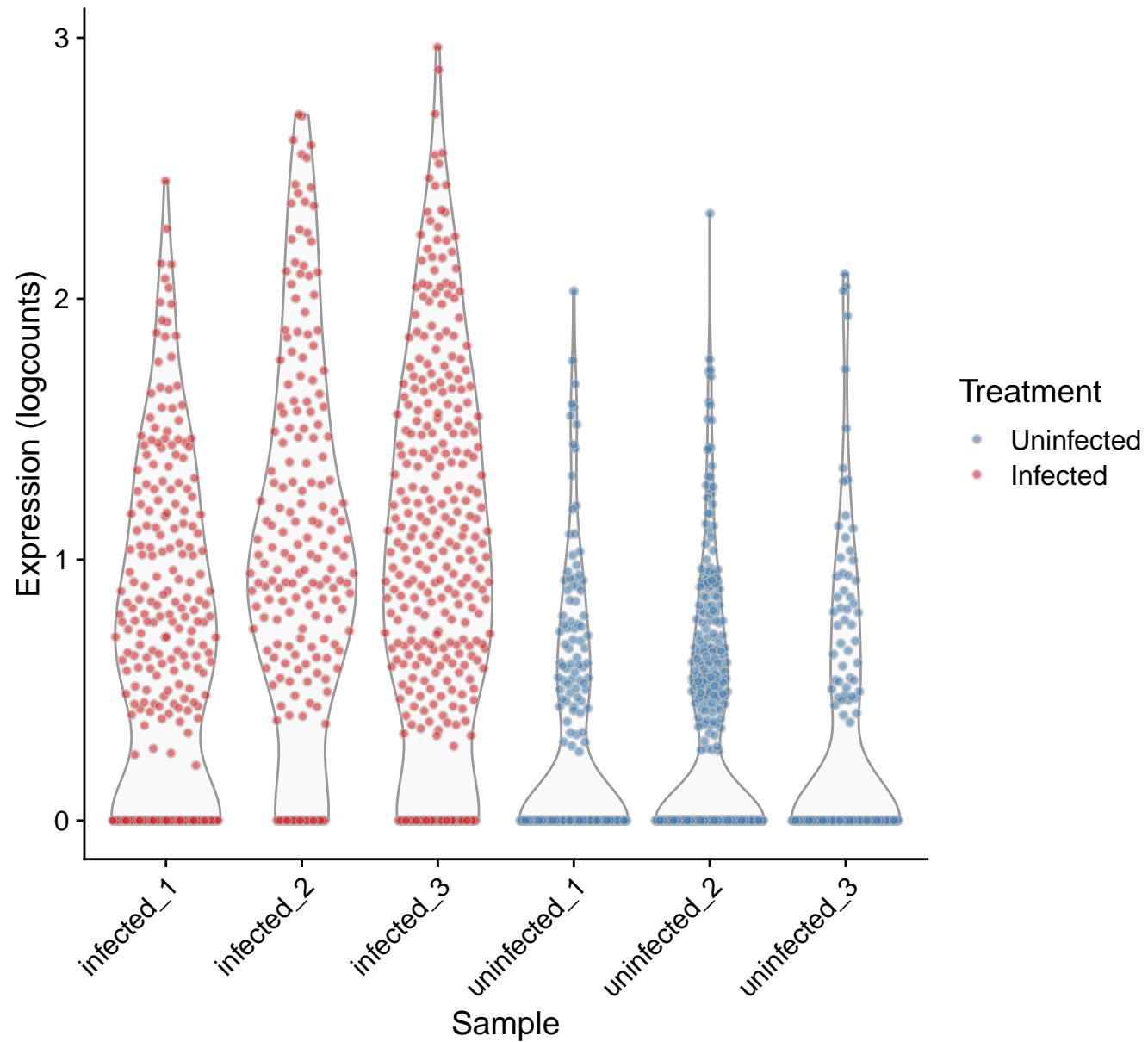
# RRBP1 (FDR = 0.001)

cluster\_10



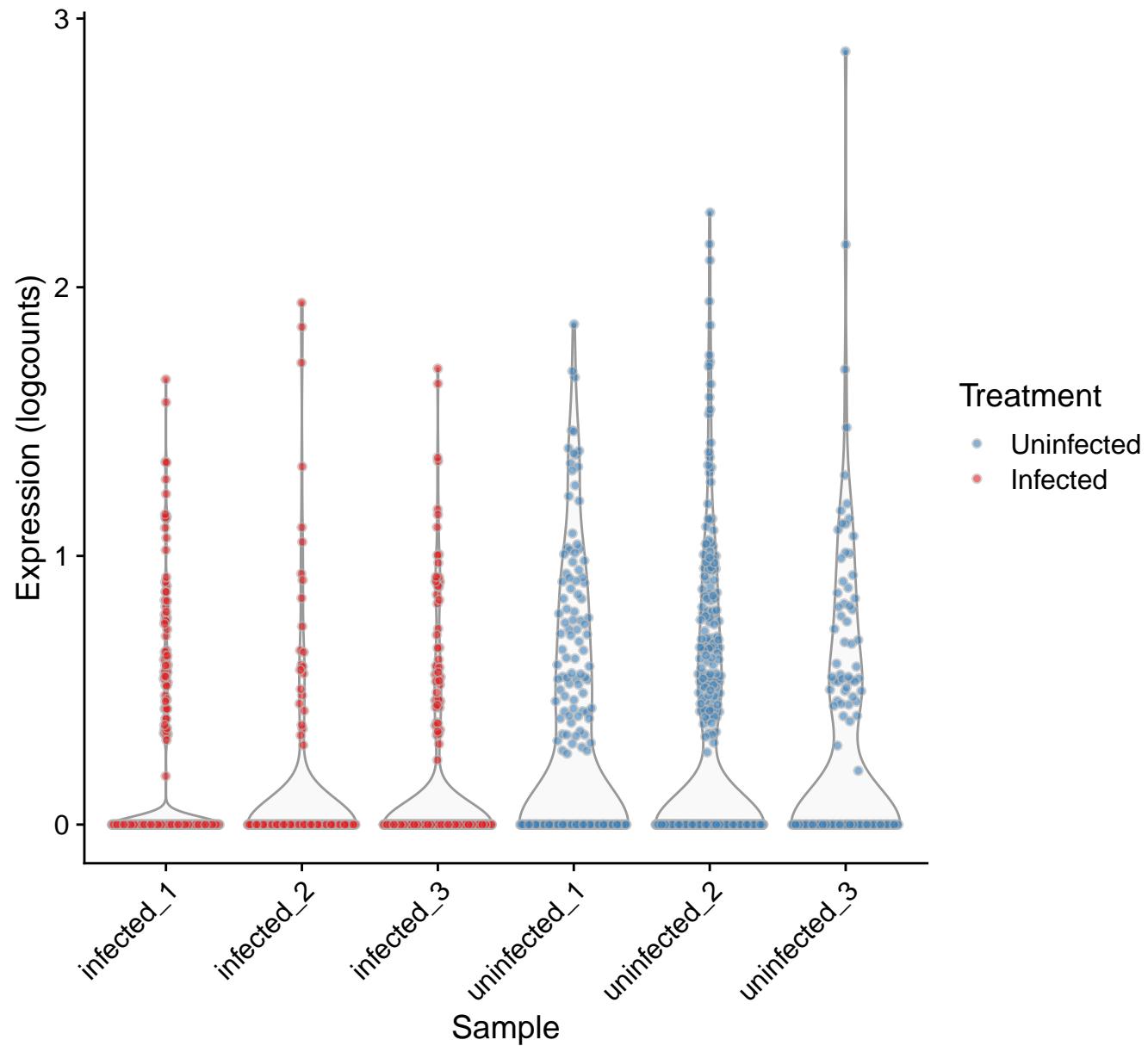
# CBLB (FDR = 0.001)

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

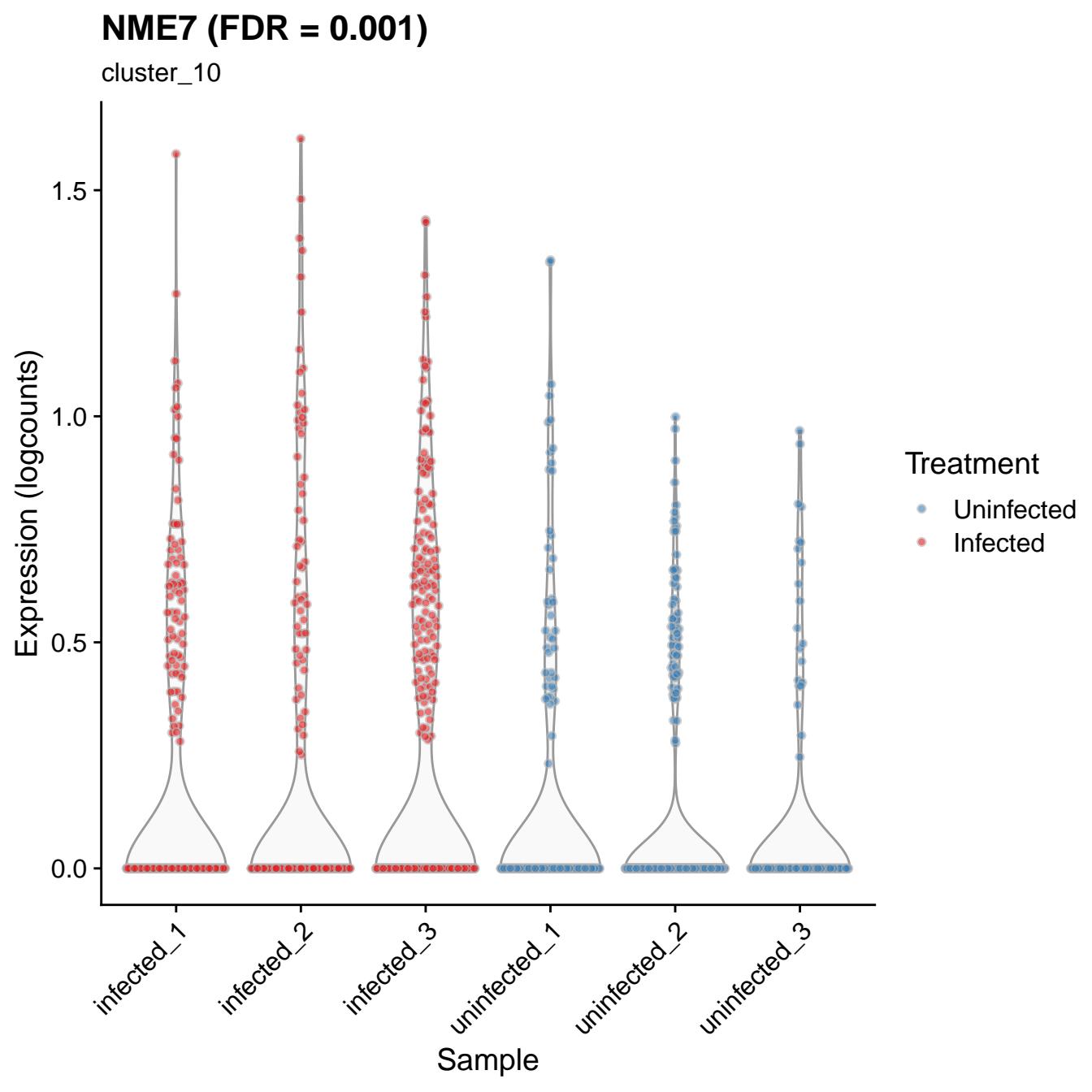
infected\_2

infected\_3

Sample

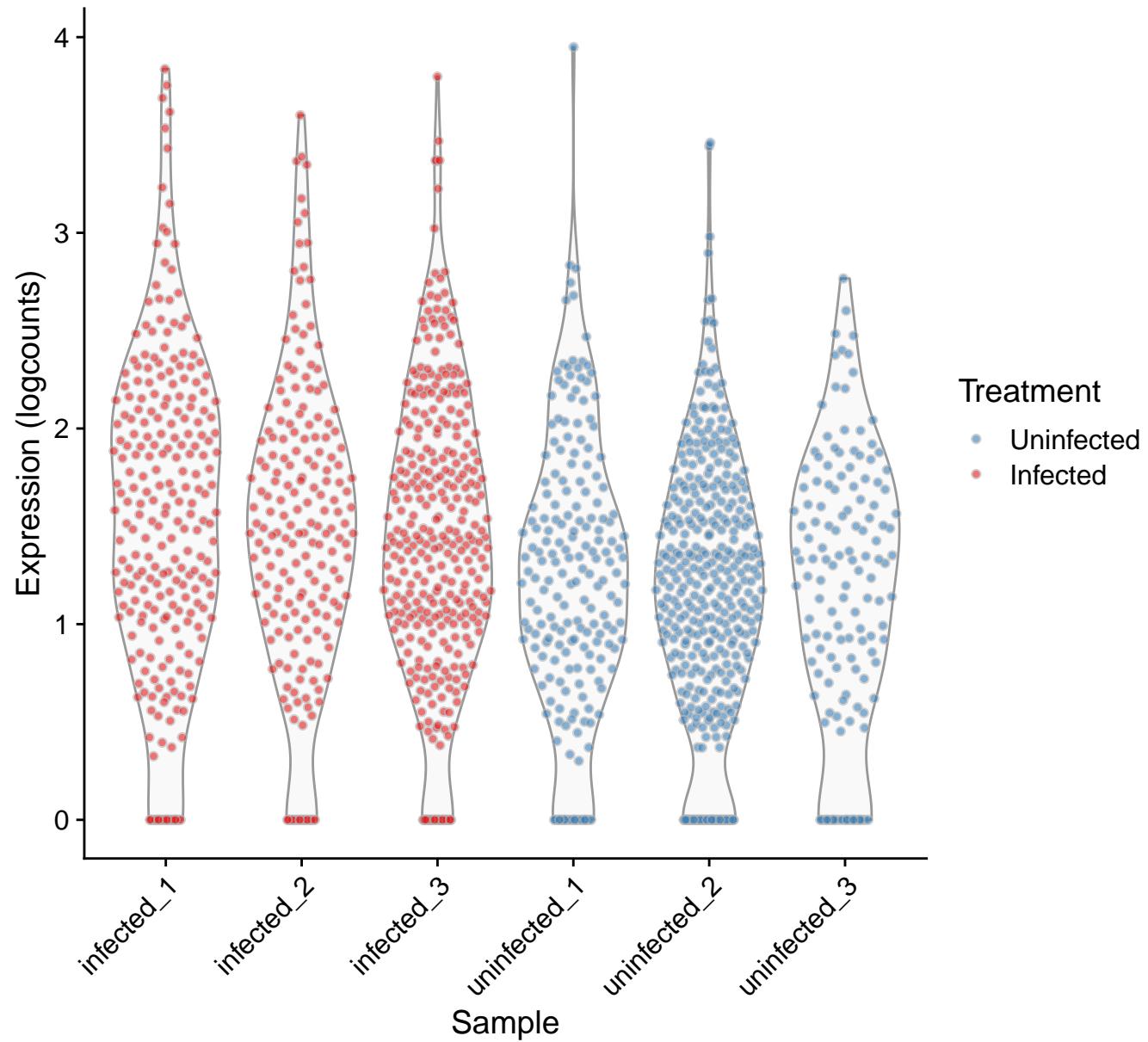
Treatment

- Uninfected
- Infected



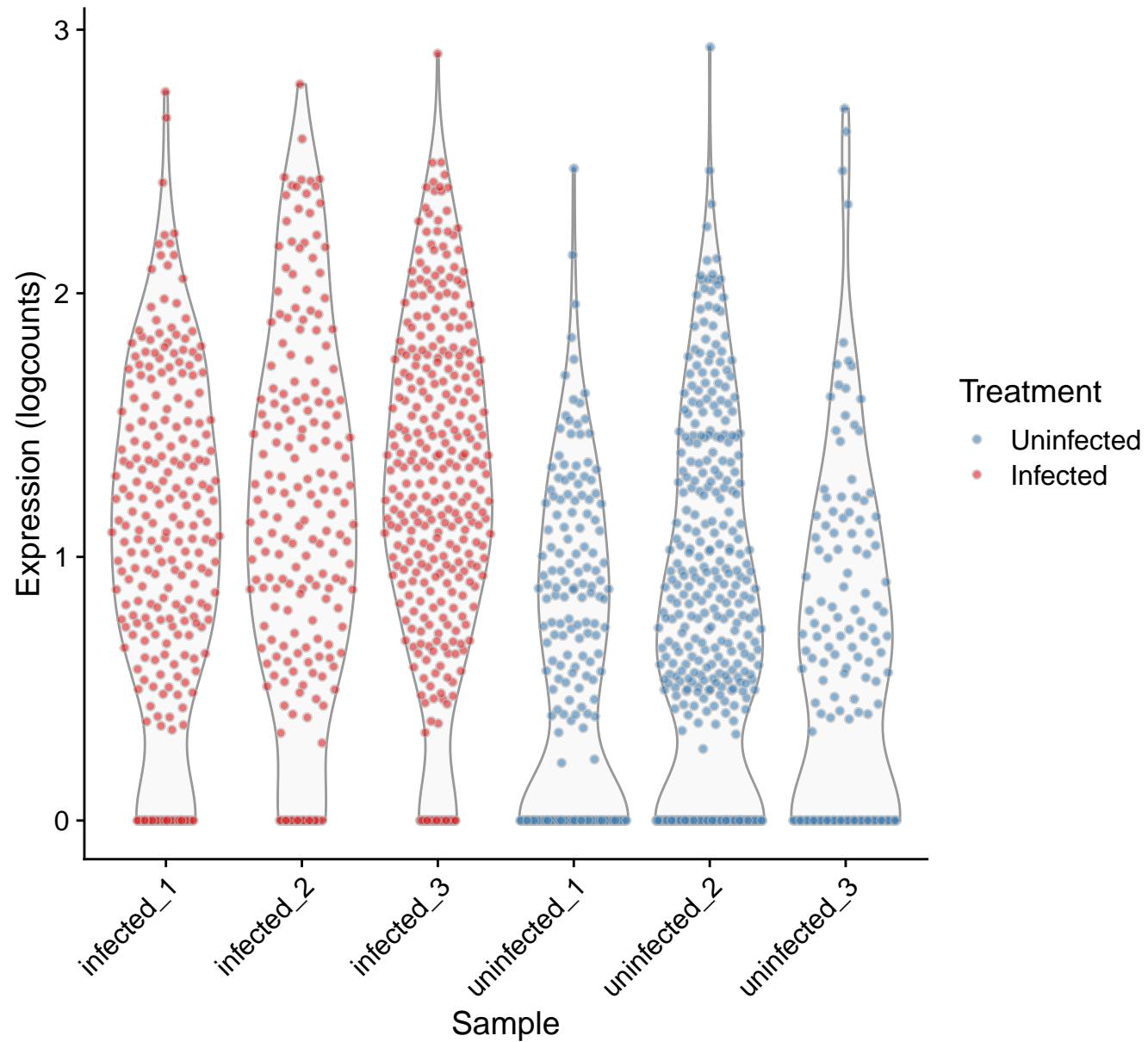
# IRF1 (FDR = 0.001)

cluster\_10



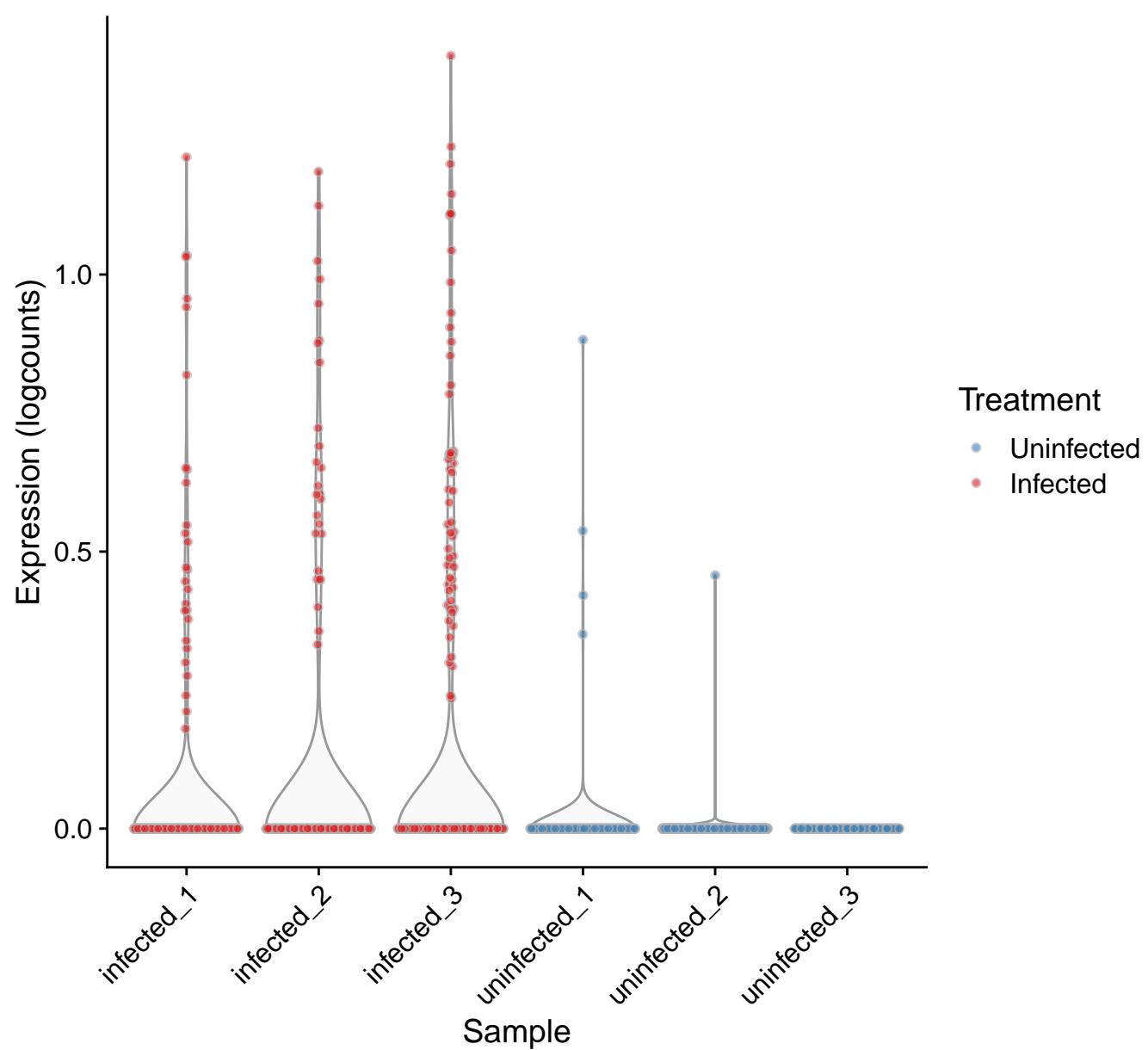
# DSTN (FDR = 0.002)

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

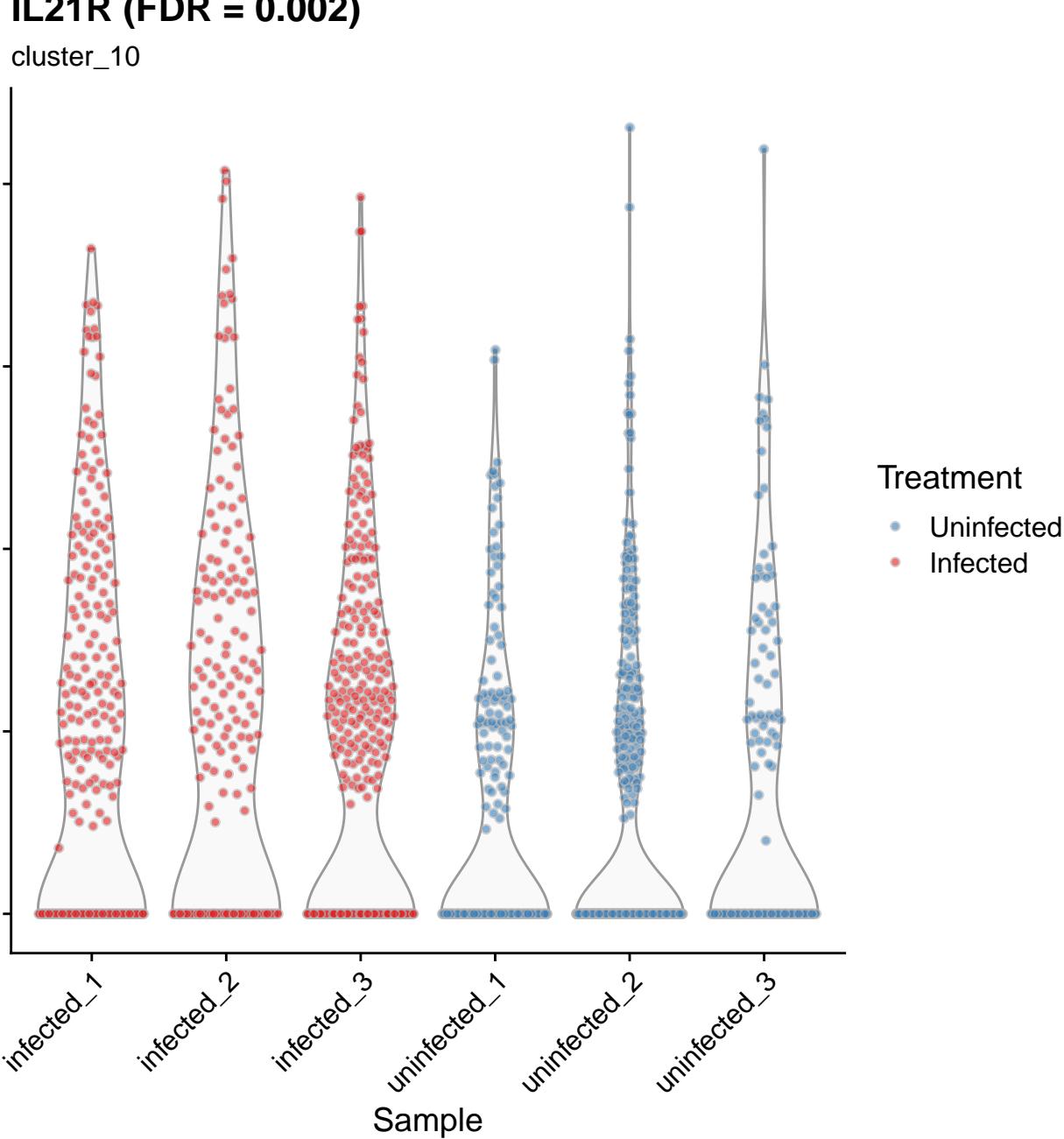
infected\_3

Sample

uninfected\_1

uninfected\_2

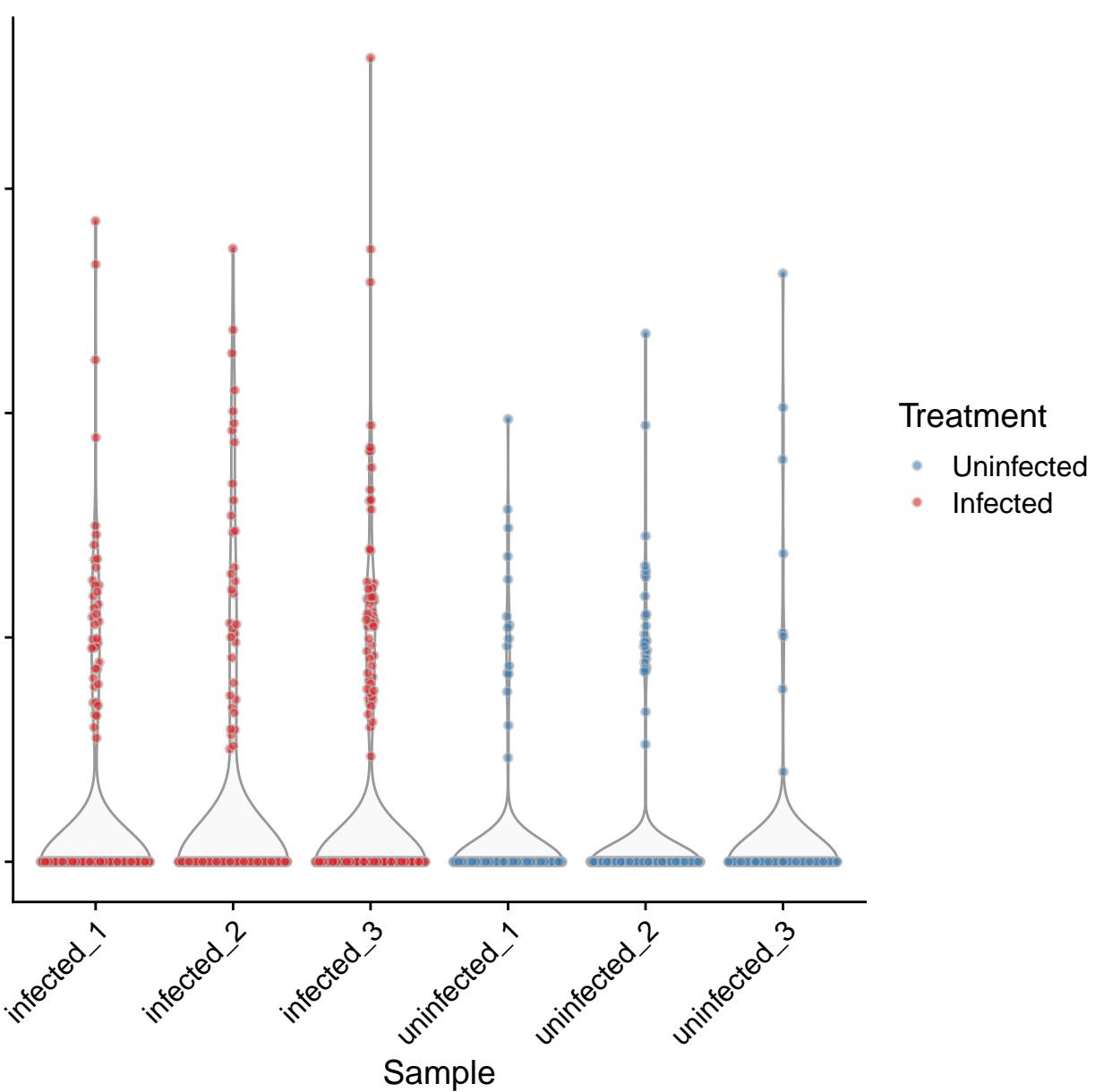
uninfected\_3



# MTX3 (FDR = 0.002)

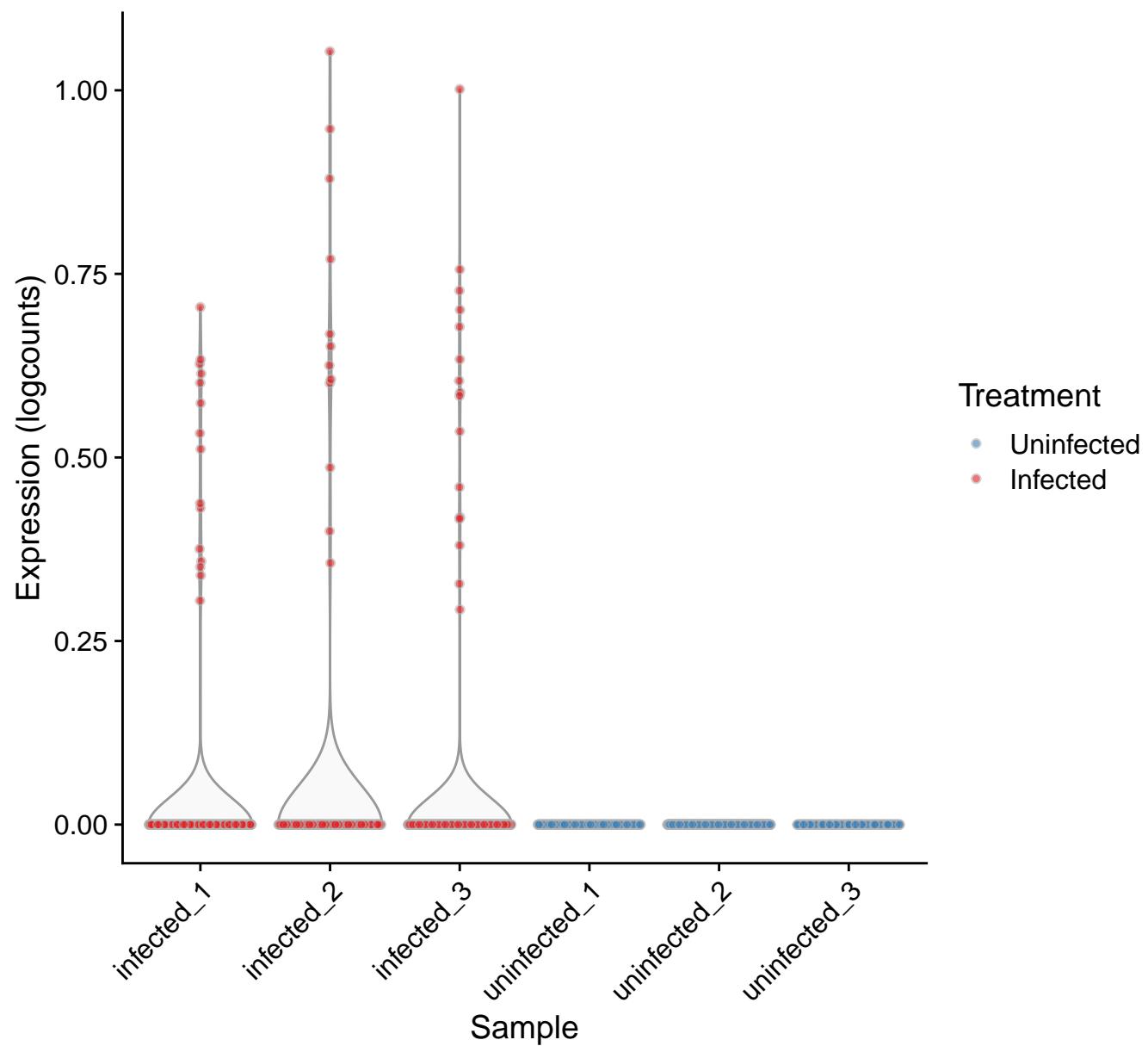
cluster\_10

Expression (logcounts)



# LHFPL3 (FDR = 0.002)

cluster\_10



# BCL7A (FDR = 0.002)

cluster\_10

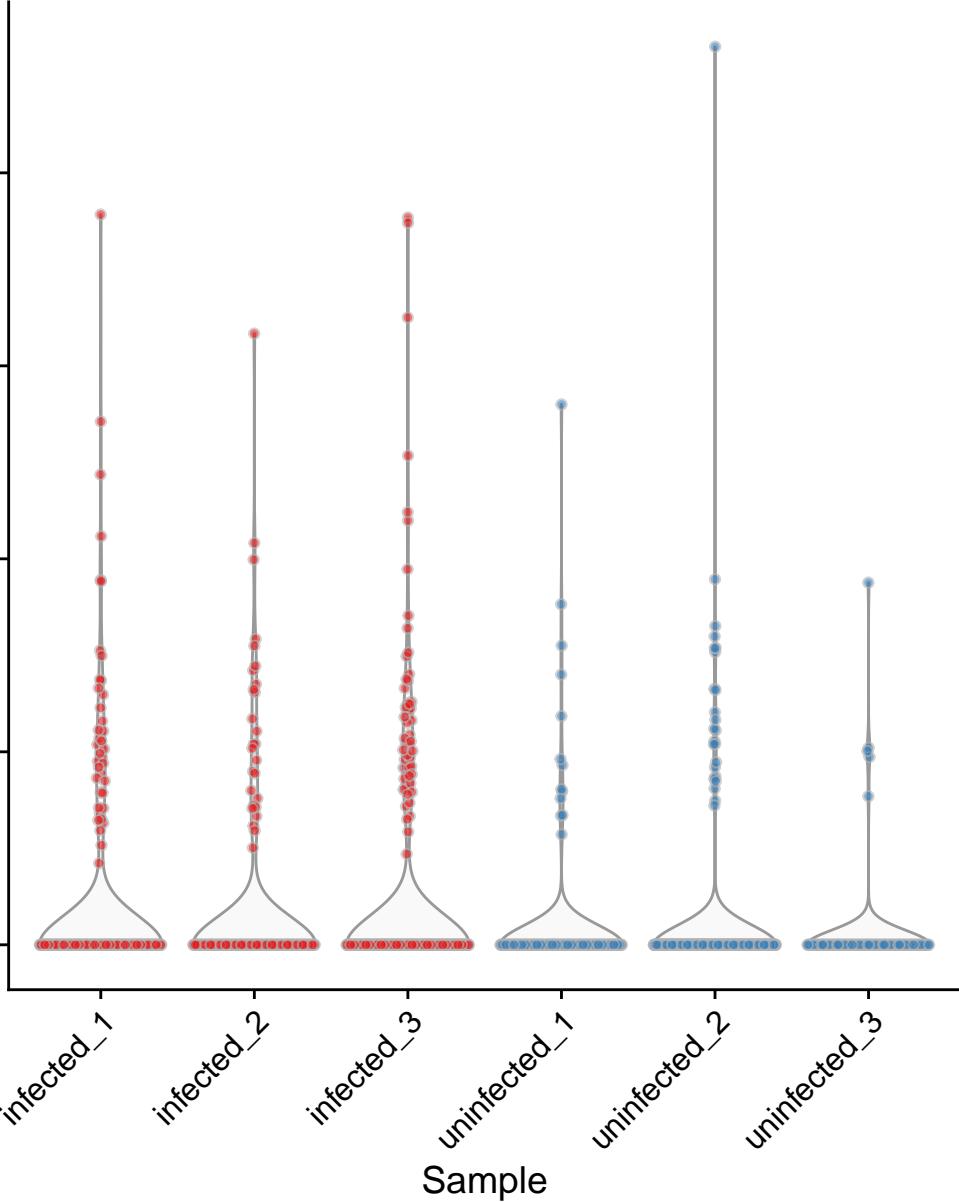
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

infected\_1 infected\_2 infected\_3 uninfected\_1 uninfected\_2 uninfected\_3

Sample

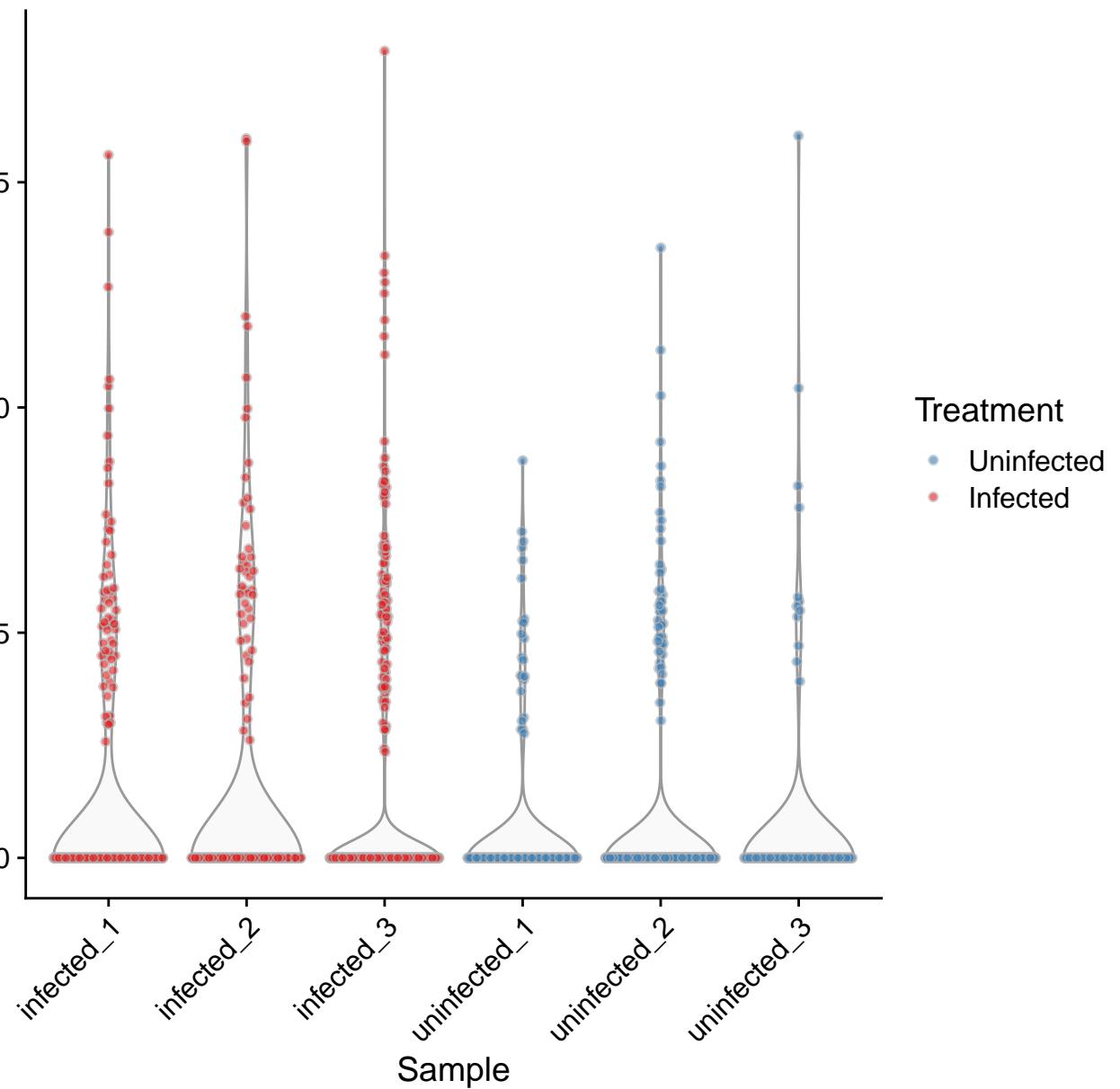
Treatment  
Uninfected  
Infected



# ARSG (FDR = 0.002)

cluster\_10

Expression (logcounts)



# 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

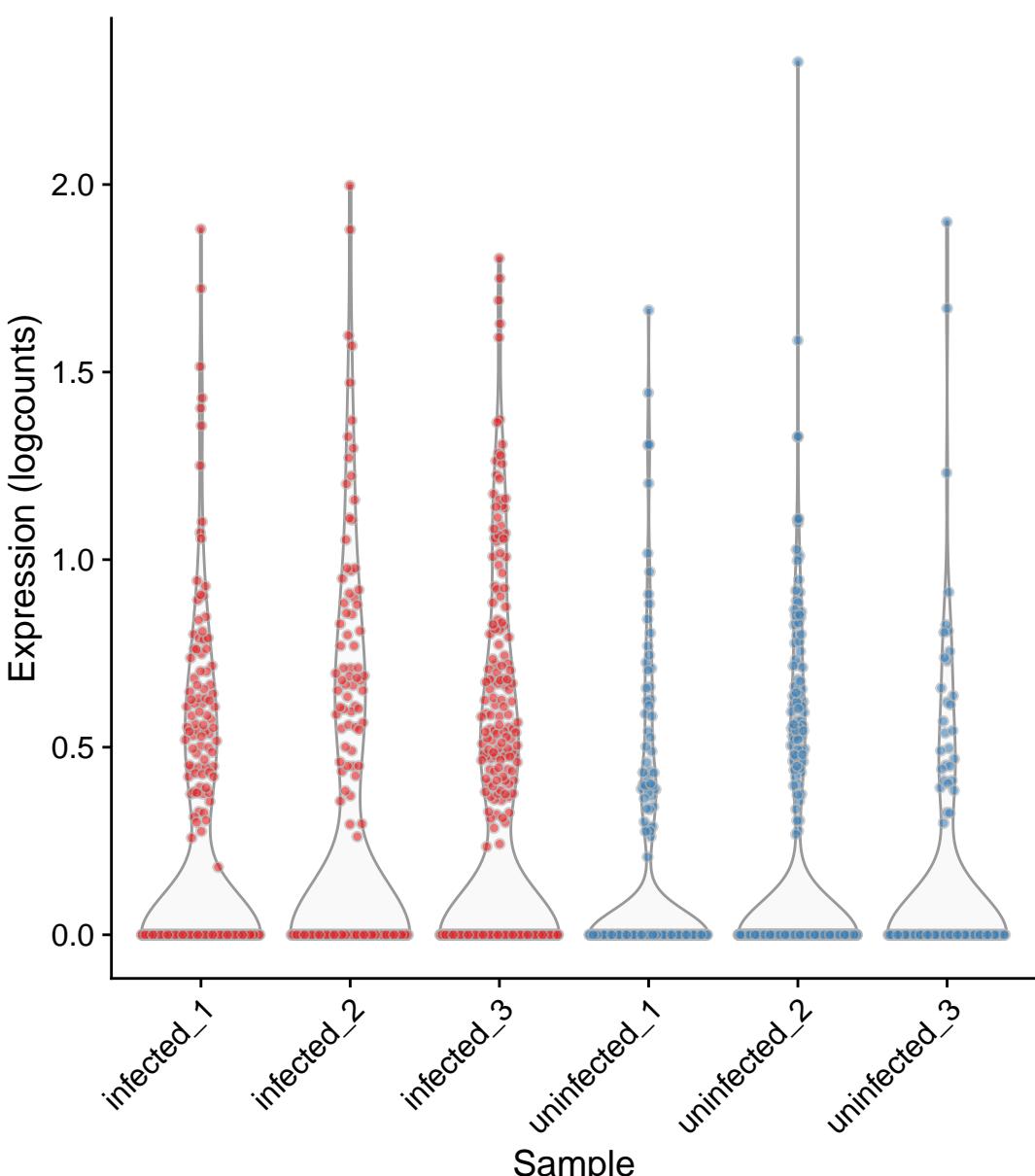
infected\_3

Sample

uninfected\_1

uninfected\_2

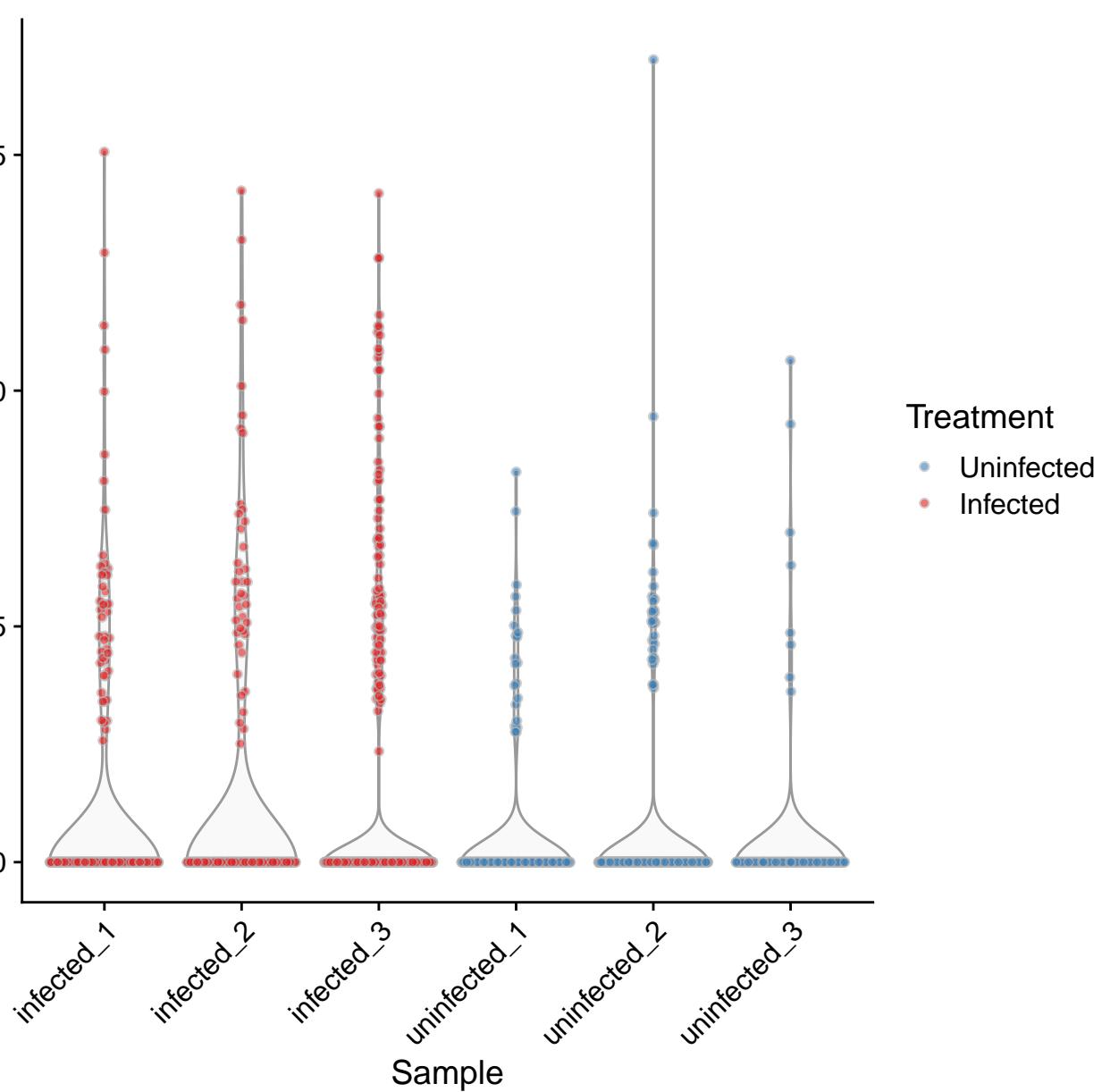
uninfected\_3



# FZD6 (FDR = 0.003)

cluster\_10

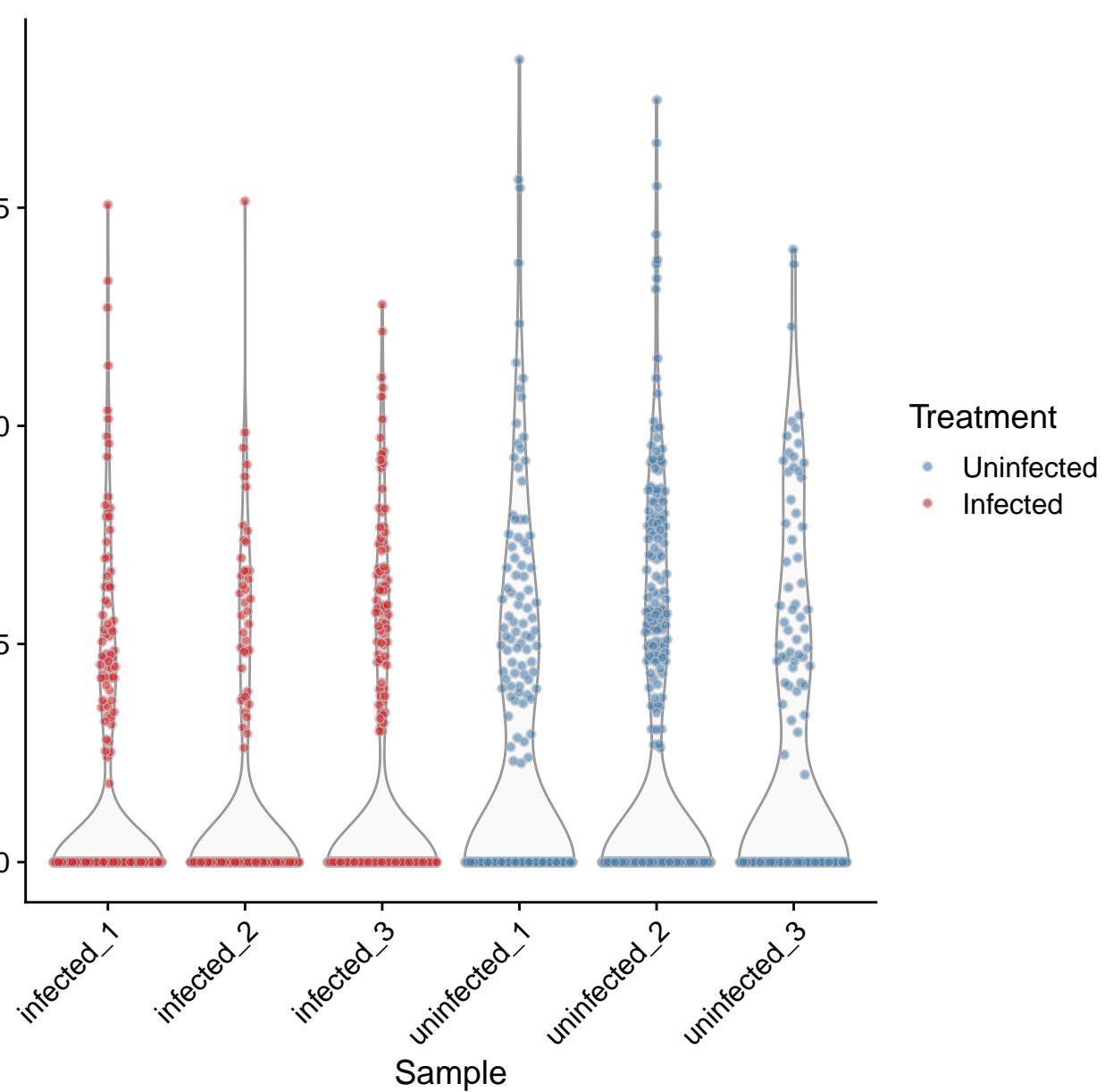
Expression (logcounts)



# 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

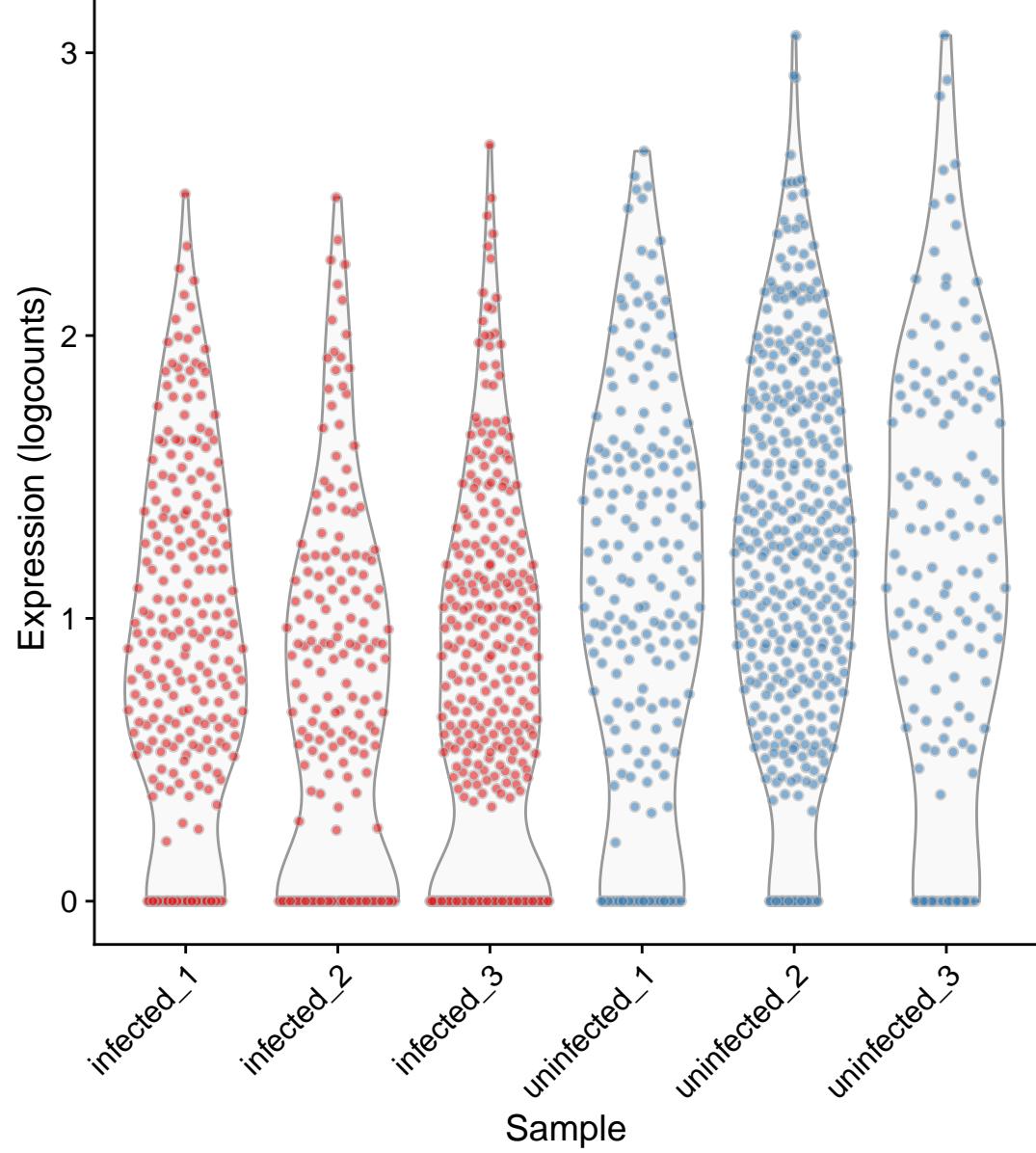
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# PTPRM (FDR = 0.003)

cluster\_10

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

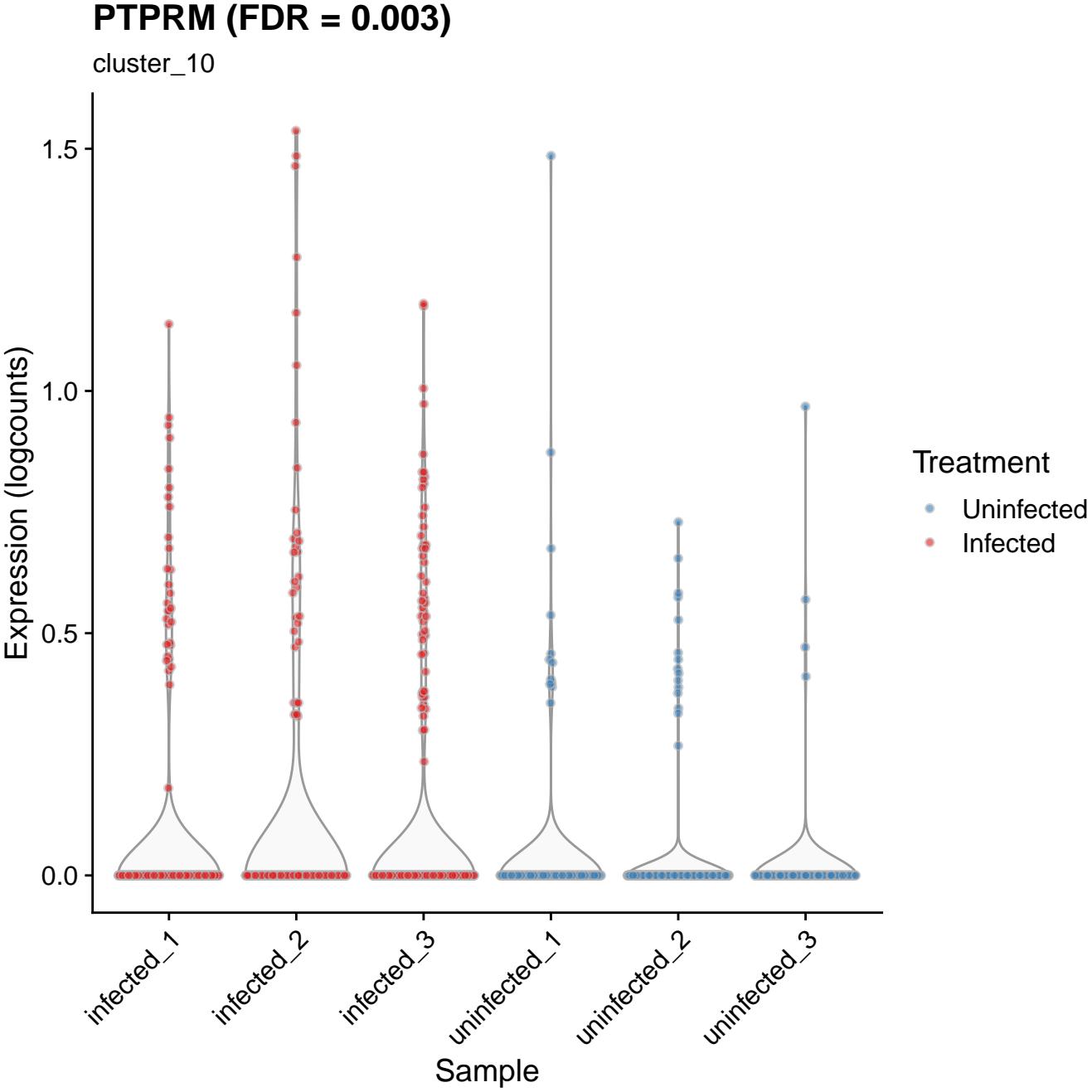
uninfected\_3

1.5

1.0

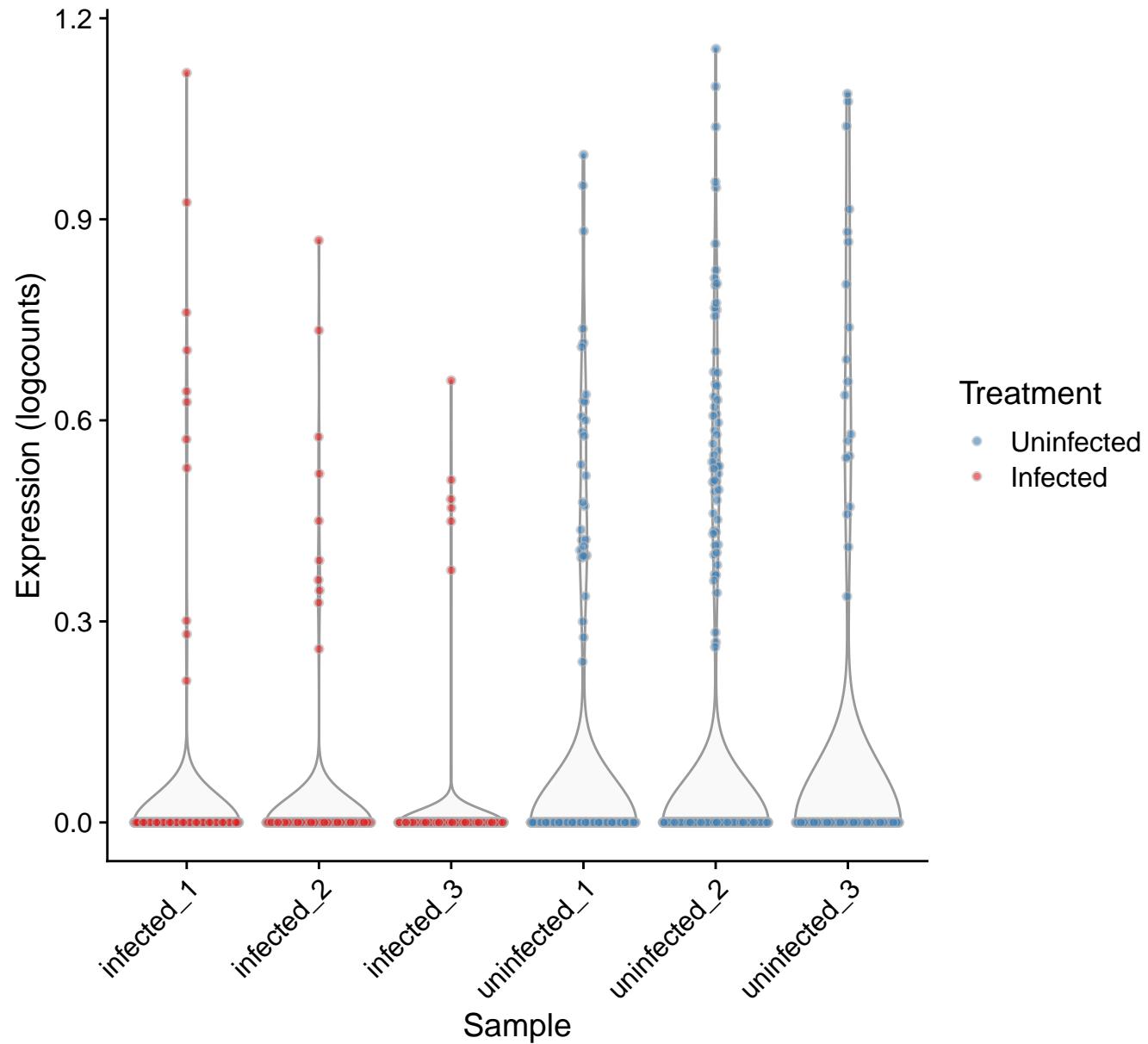
0.5

0.0



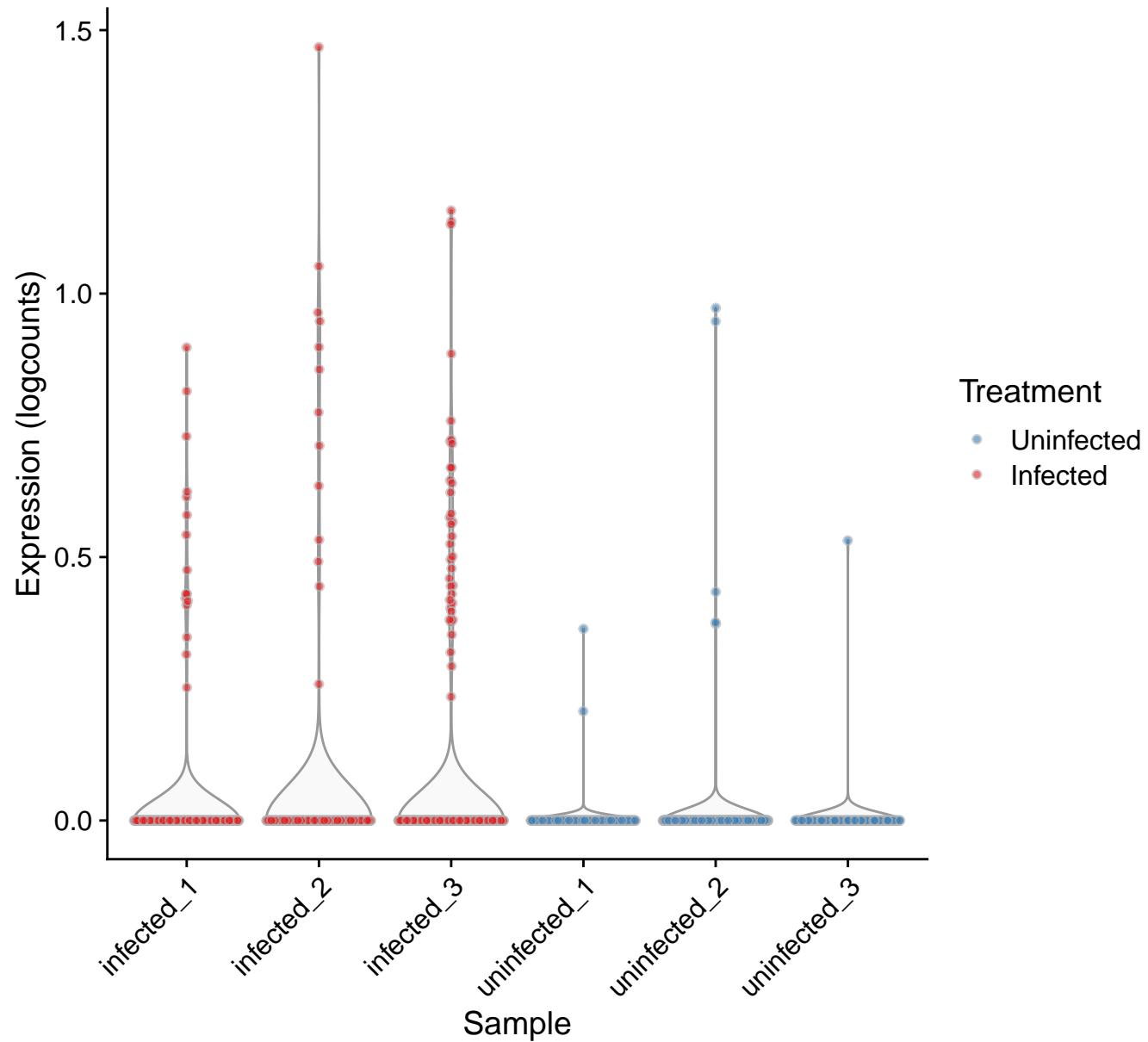
# ARHGAP31 (FDR = 0.003)

cluster\_10



# DAPK2 (FDR = 0.003)

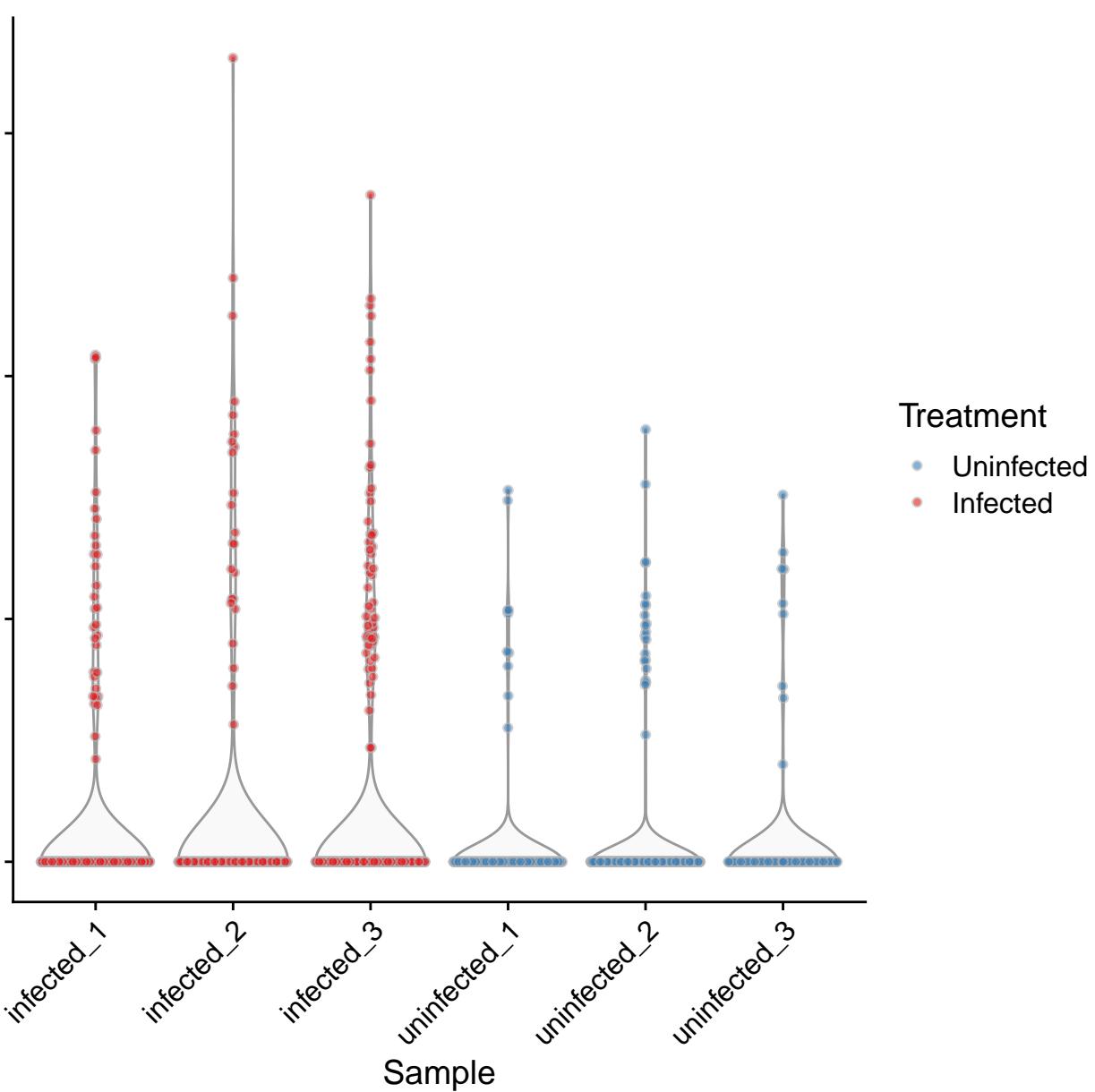
cluster\_10



# CCNE1 (FDR = 0.003)

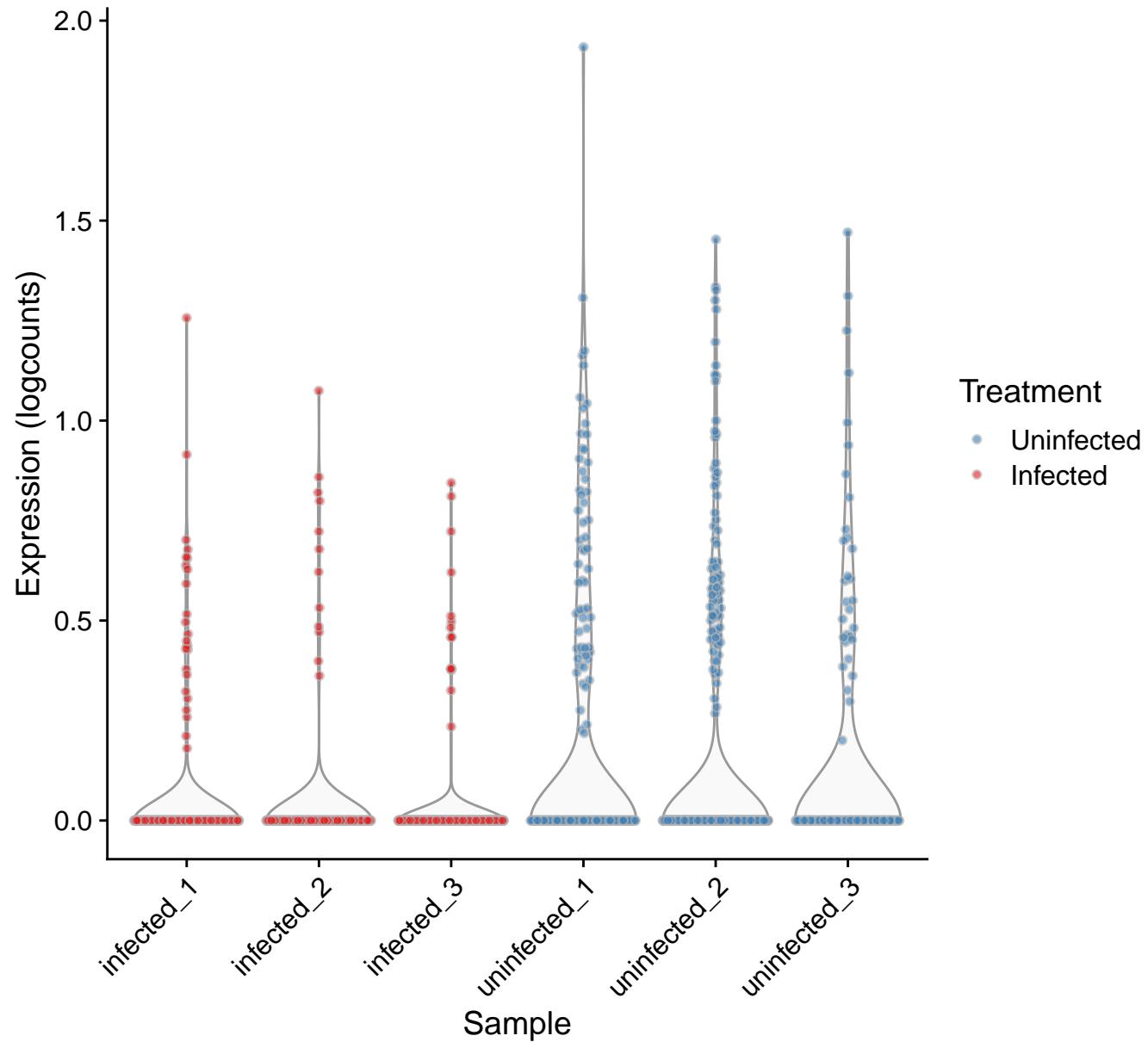
cluster\_10

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

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

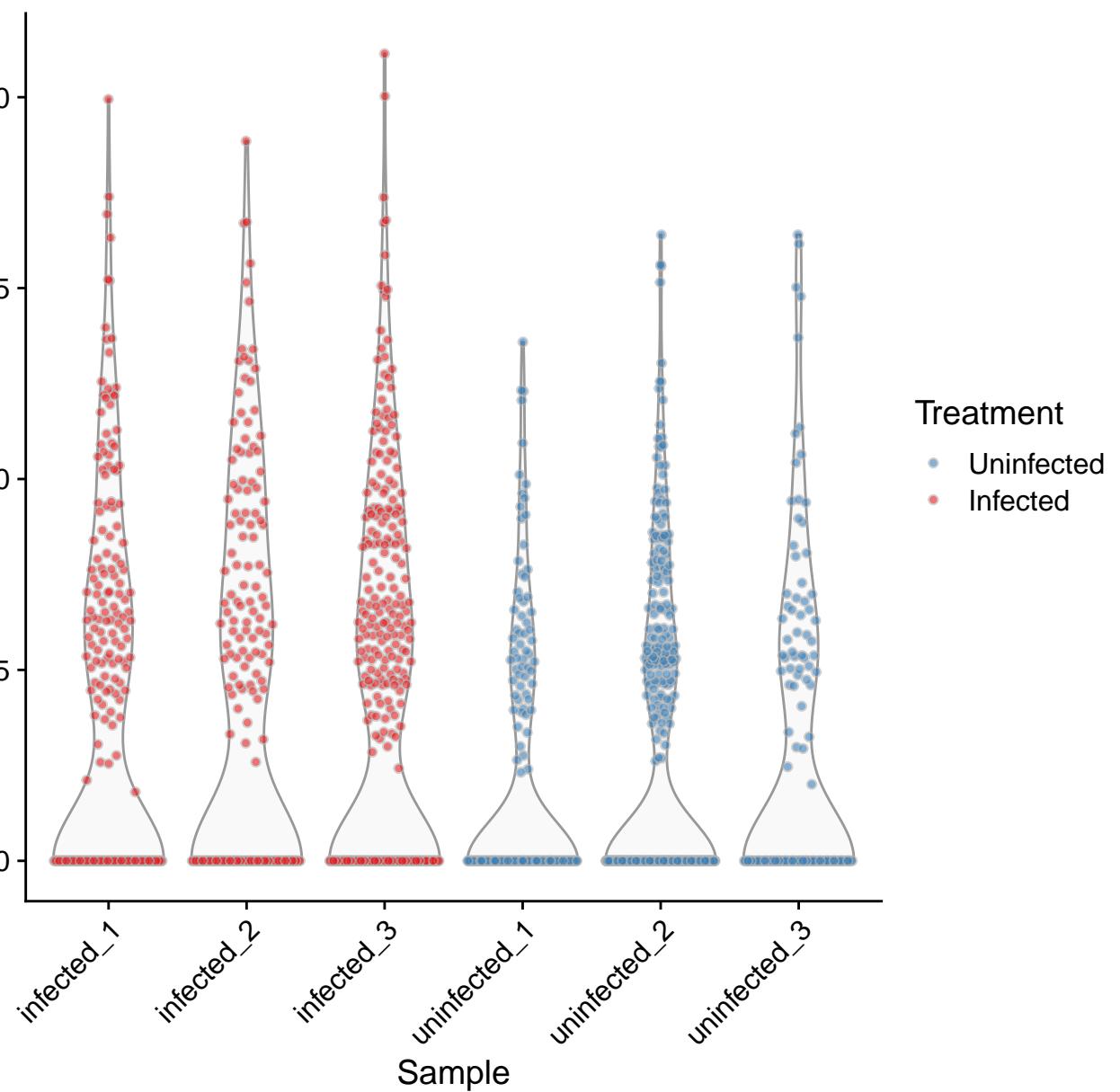
uninfected\_2

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

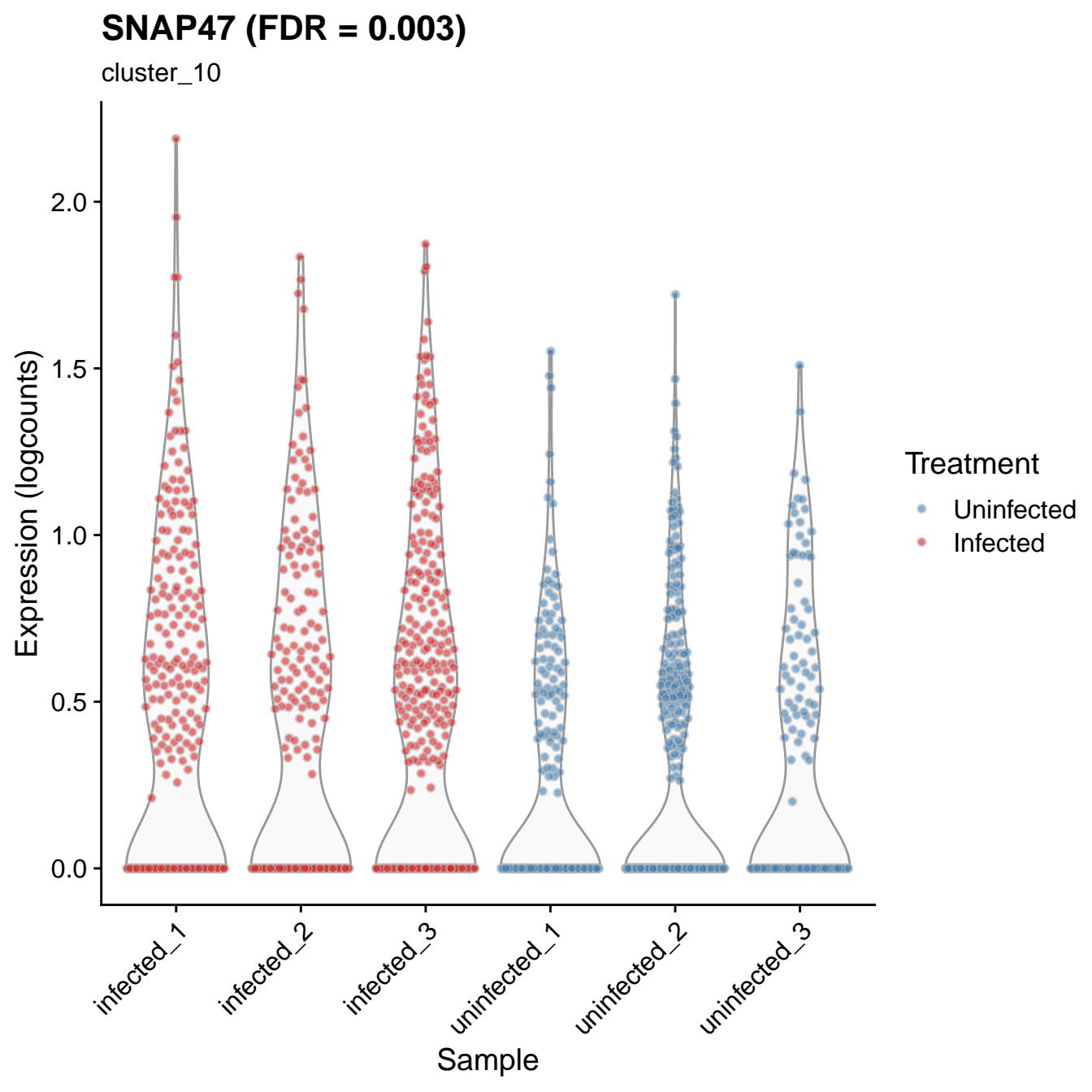
infected\_3

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

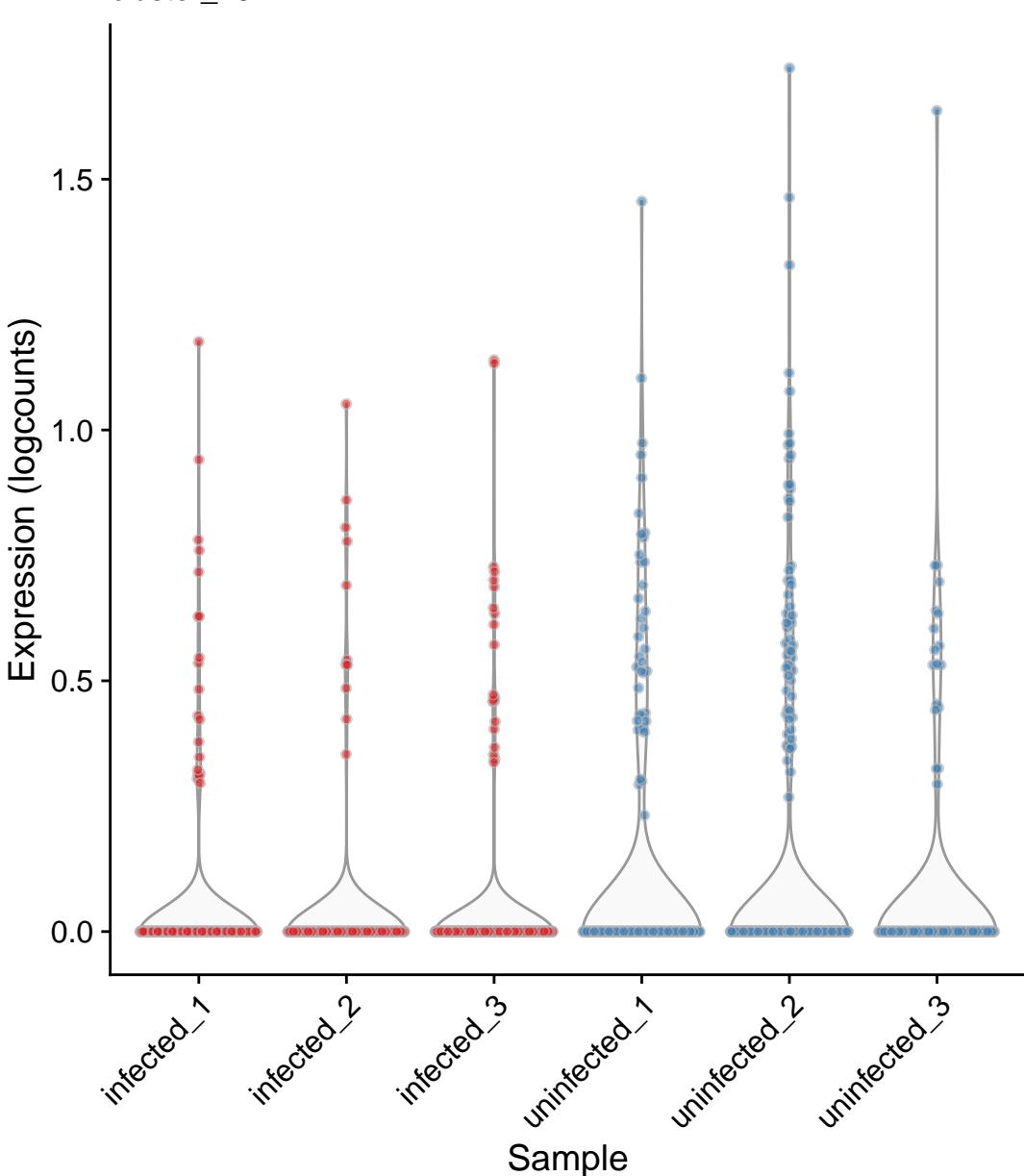
infected\_3

Sample

uninfected\_1

uninfected\_2

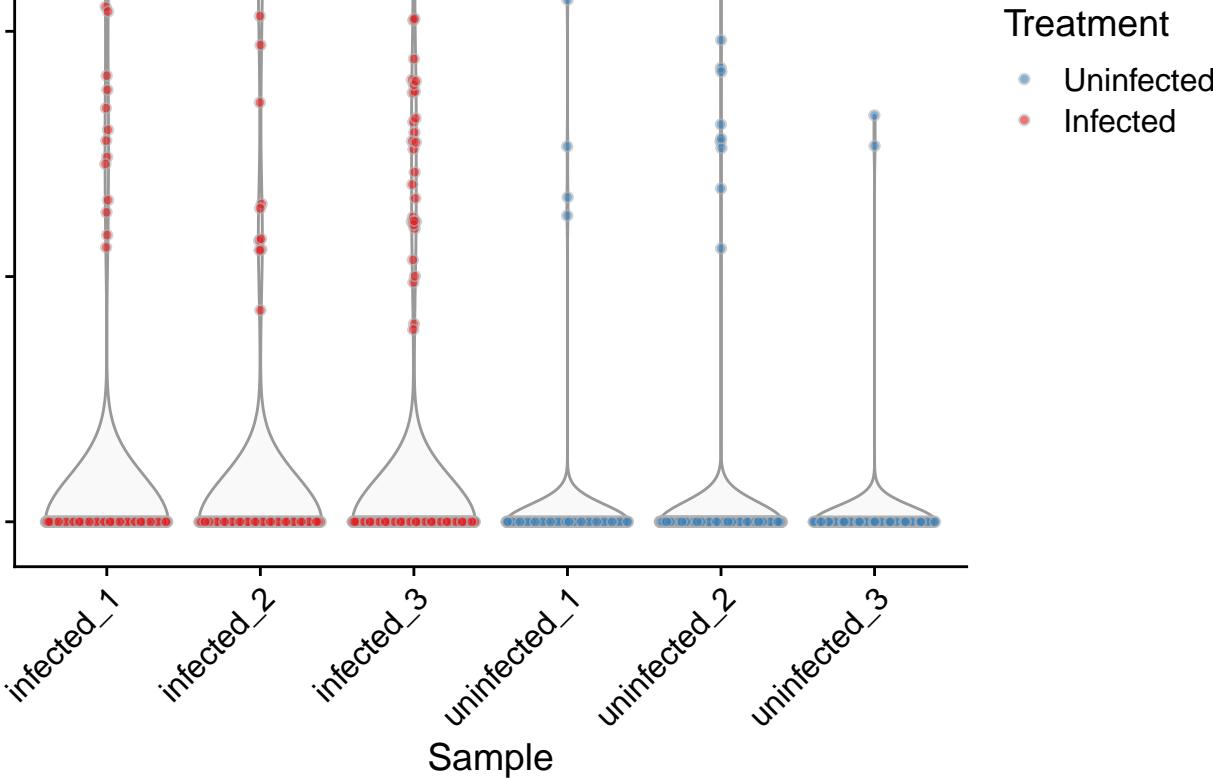
uninfected\_3



# DRAM1 (FDR = 0.003)

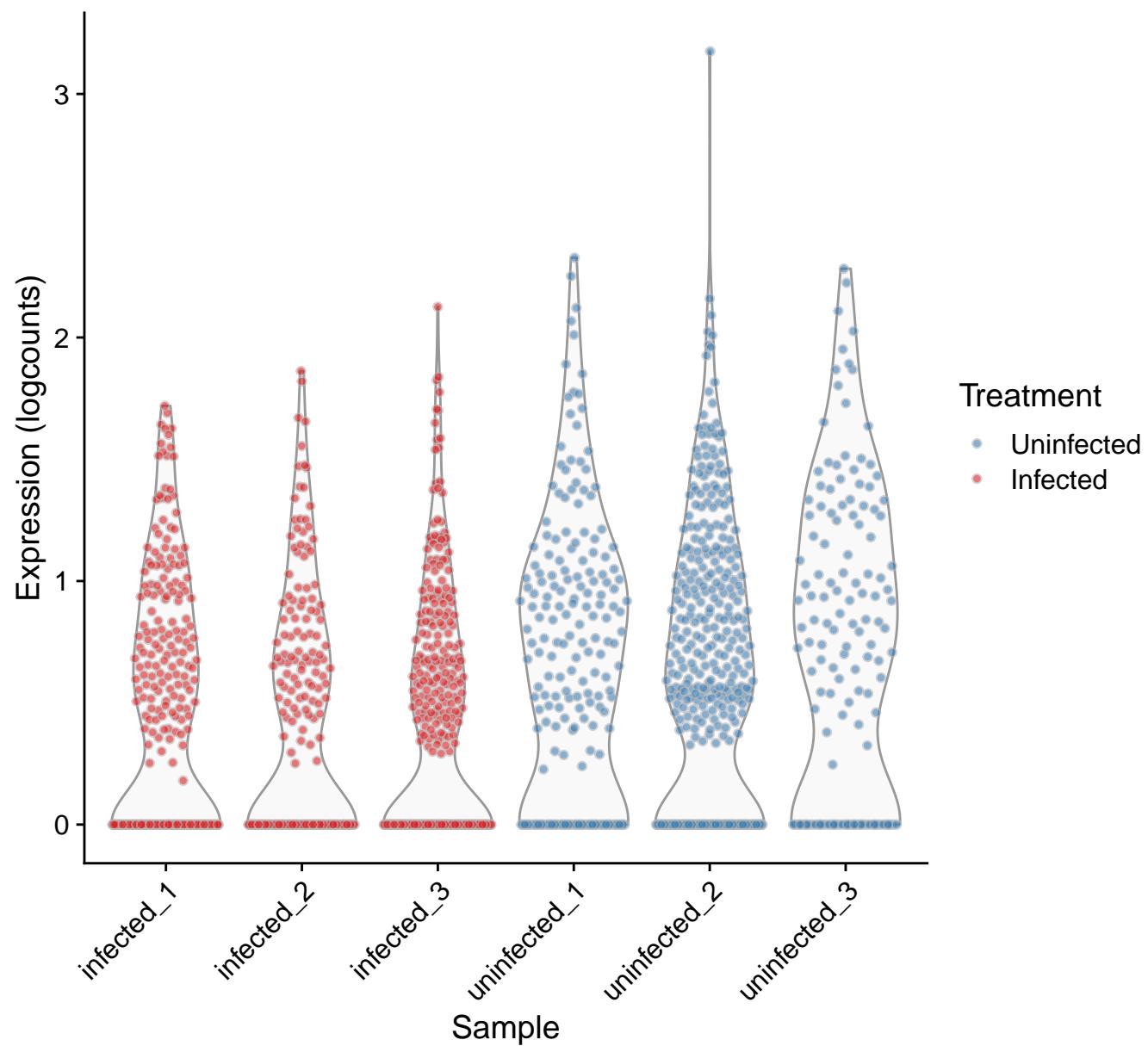
cluster\_10

Expression (logcounts)



# ETHE1 (FDR = 0.003)

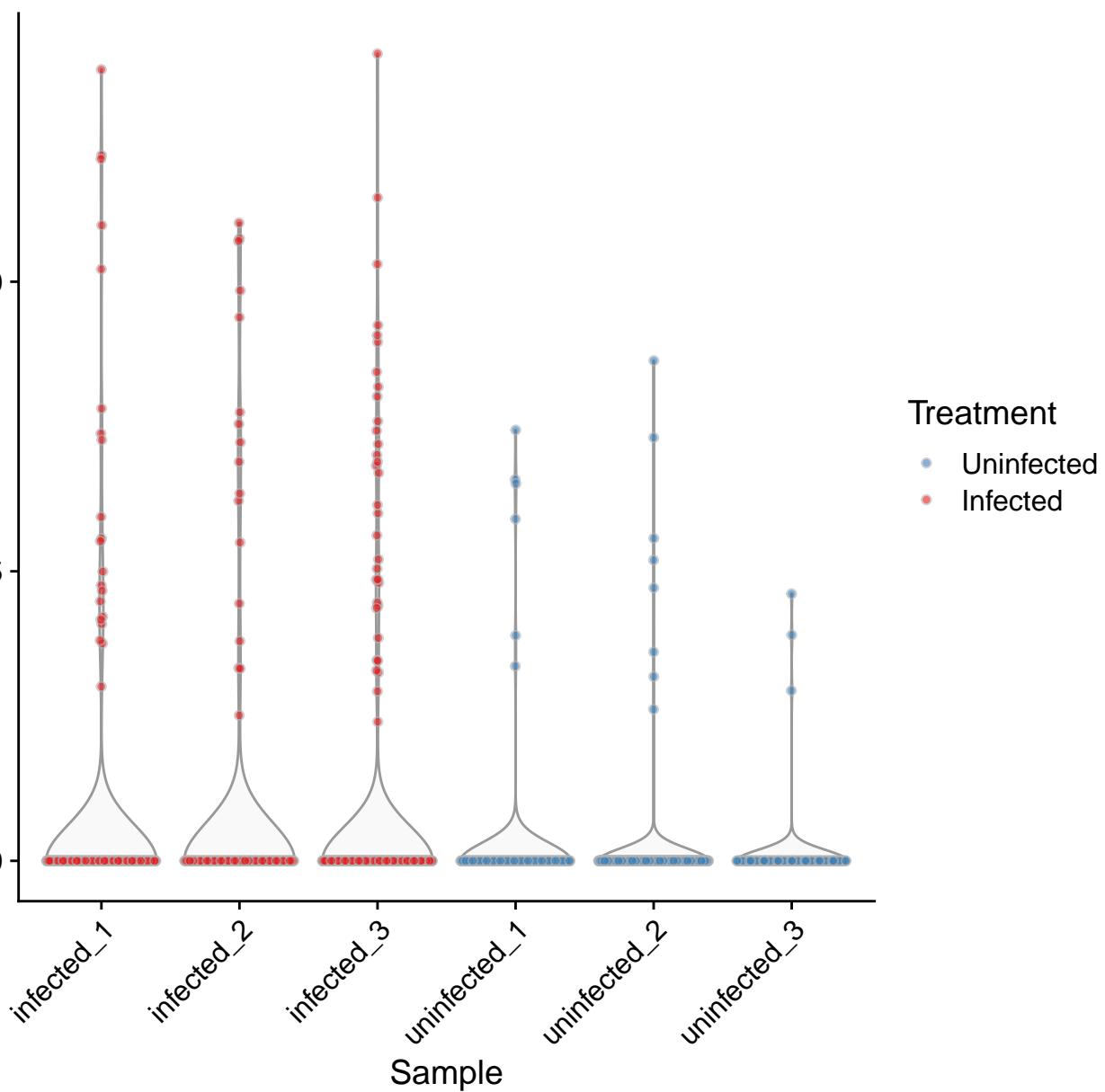
cluster\_10



# SOWAHD (FDR = 0.003)

cluster\_10

Expression (logcounts)



# JAKMIP1 (FDR = 0.003)

cluster\_10

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

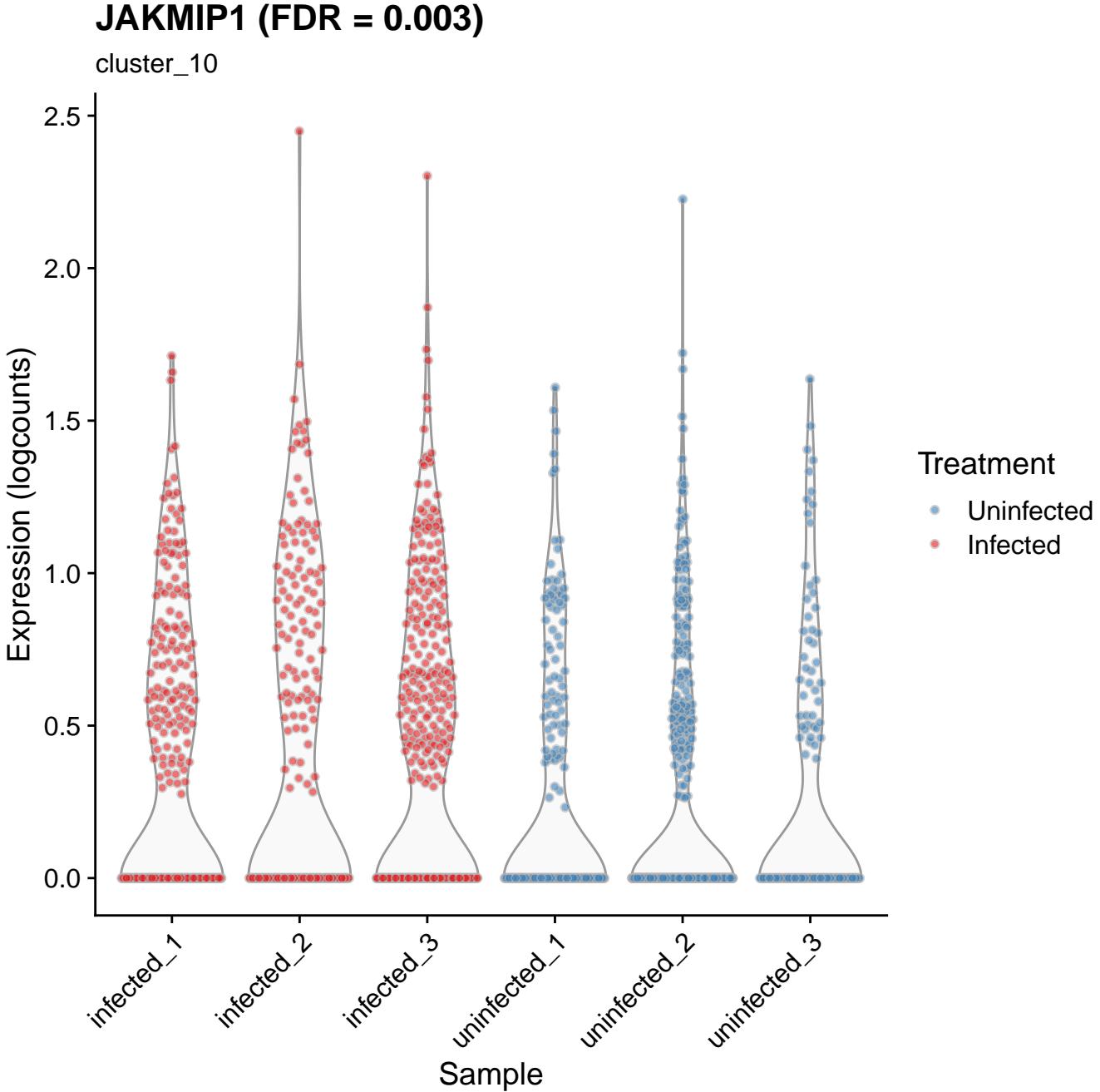
infected\_3

Sample

uninfected\_1

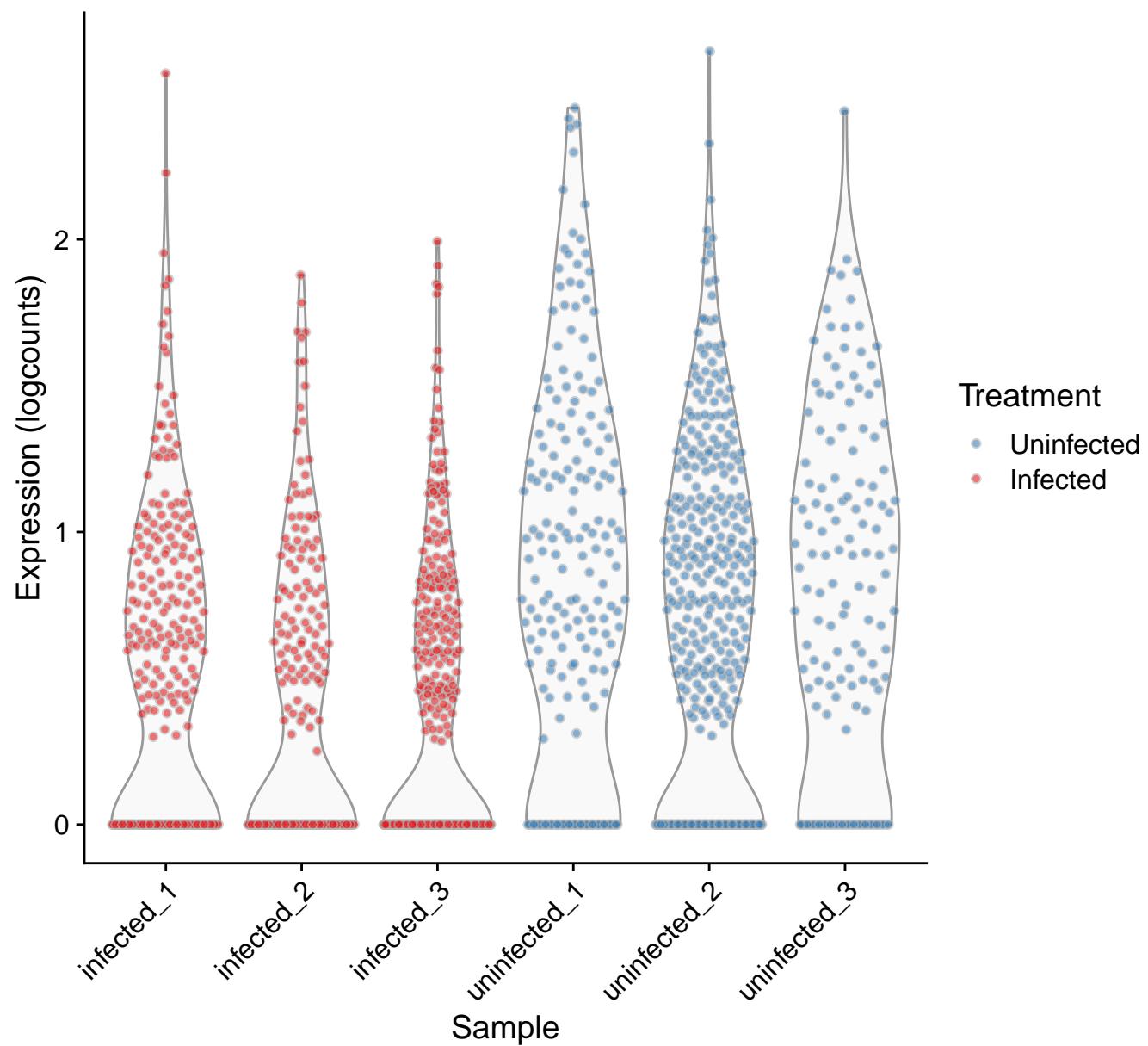
uninfected\_2

uninfected\_3



# DNPH1 (FDR = 0.003)

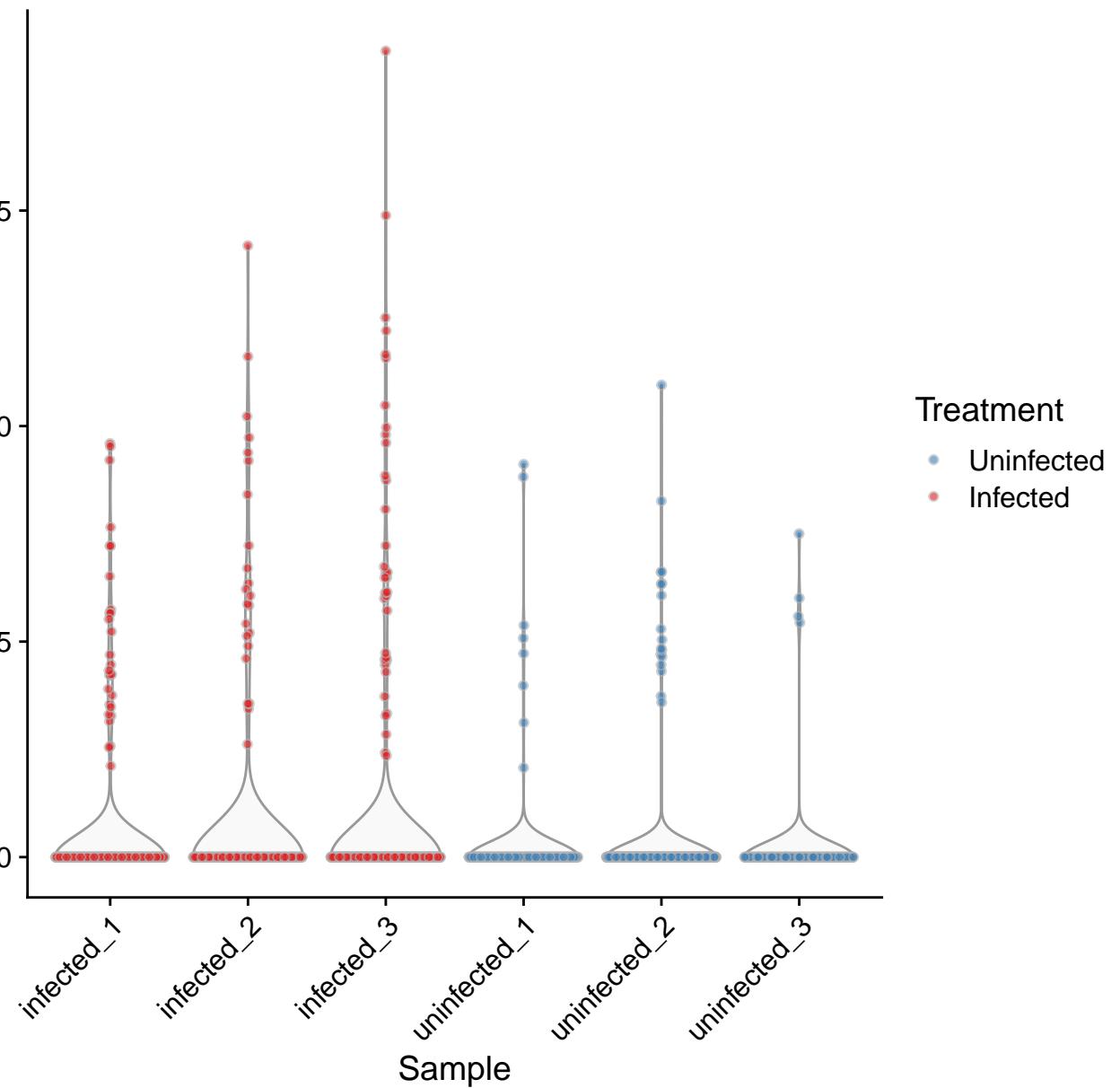
cluster\_10



# GABARAPL1 (FDR = 0.003)

cluster\_10

Expression (logcounts)



# CCNA1 (FDR = 0.003)

cluster\_10

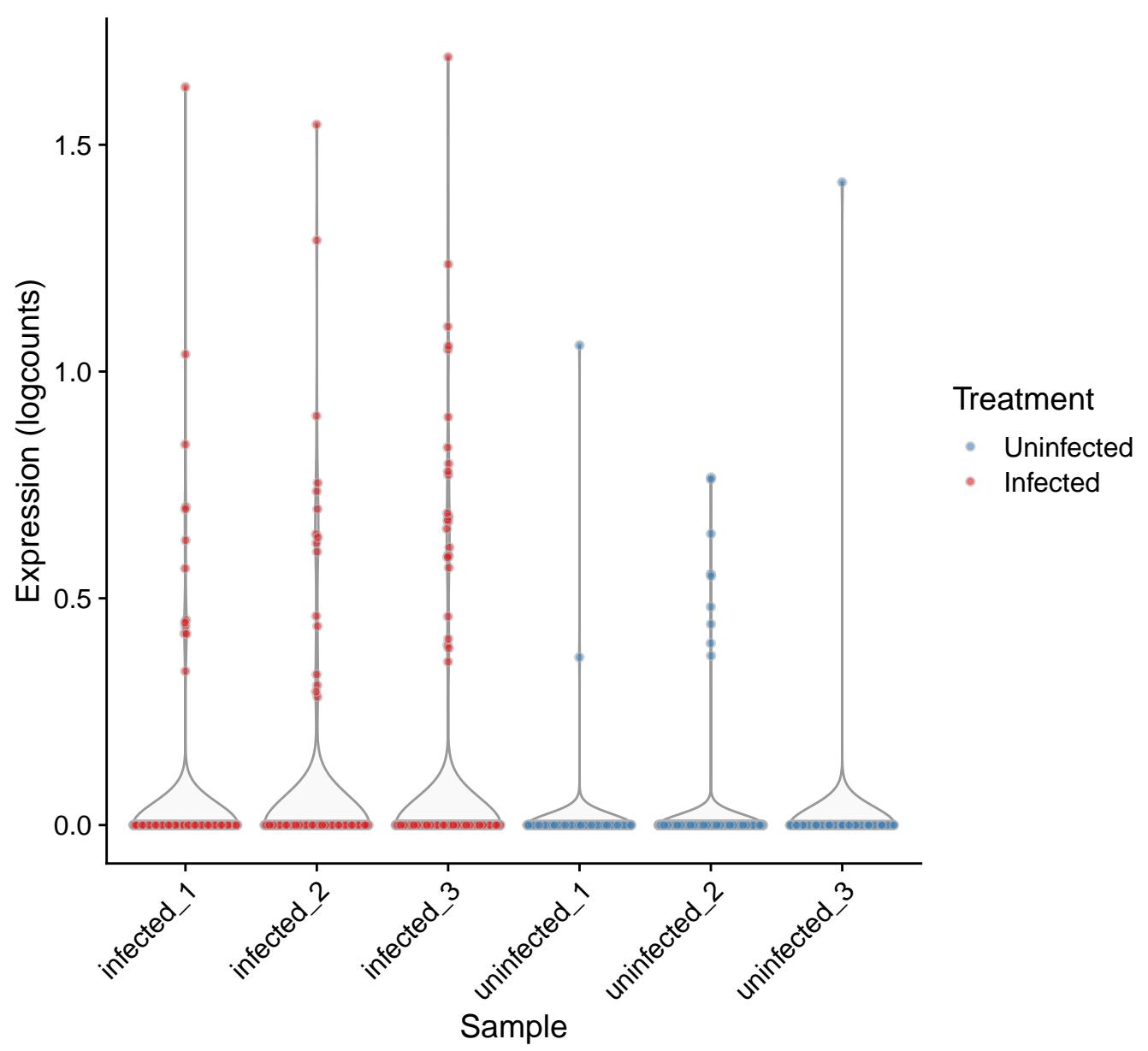
Expression (logcounts)

infected\_1 infected\_2 infected\_3 uninfected\_1 uninfected\_2 uninfected\_3

Sample

Treatment

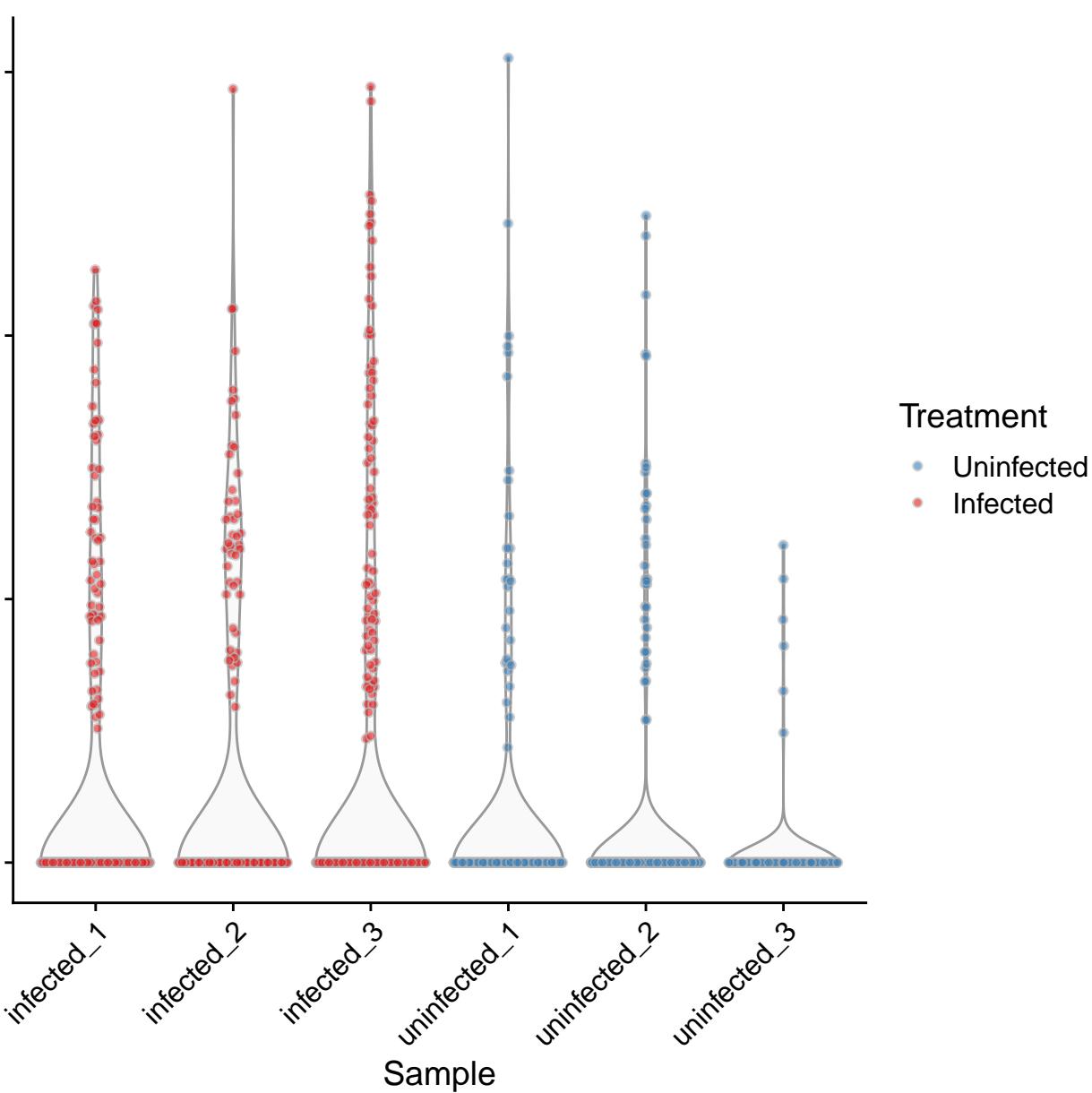
- Uninfected
- Infected



# AIM2 (FDR = 0.003)

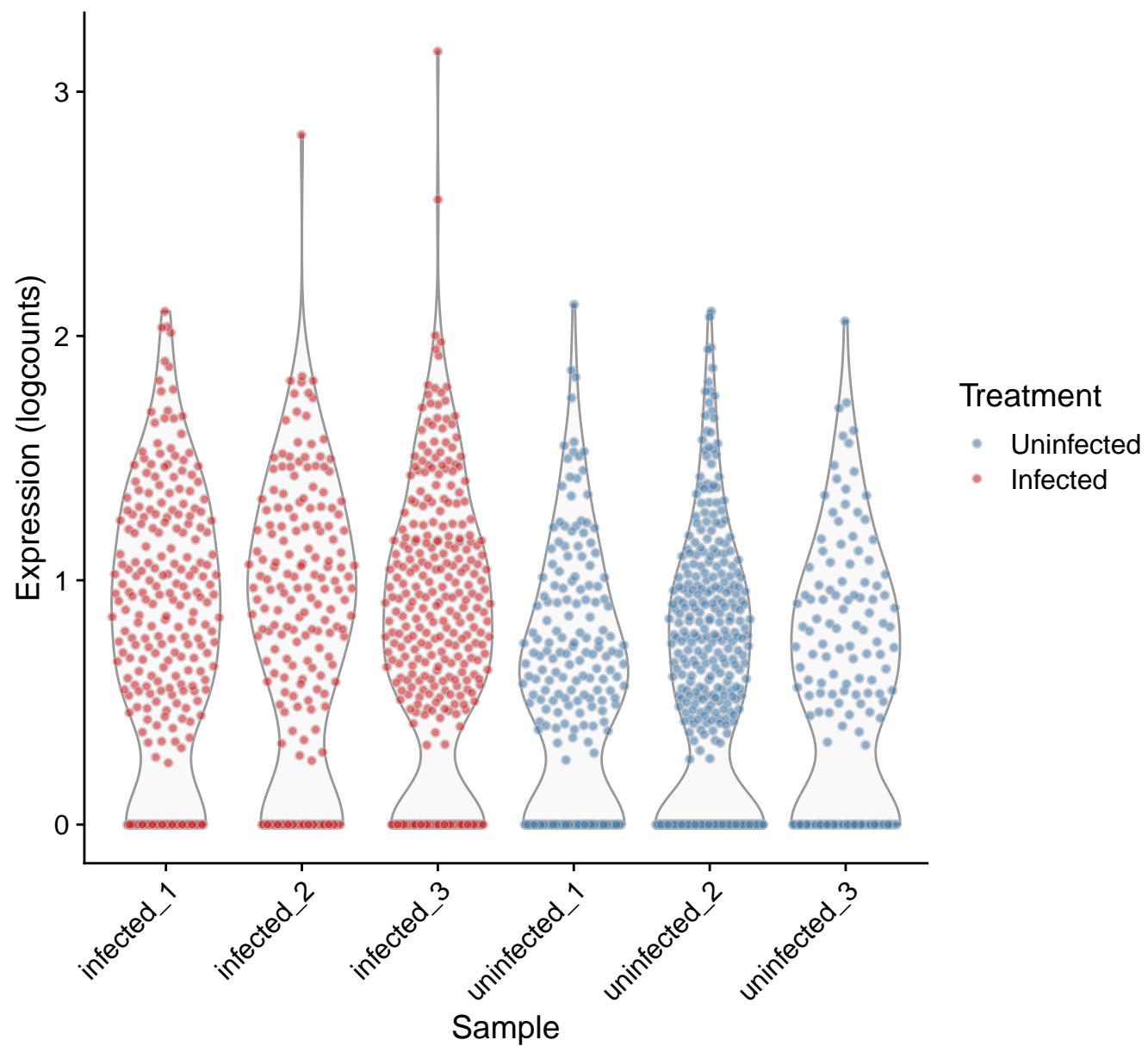
cluster\_10

Expression (logcounts)



# TSPAN14 (FDR = 0.003)

cluster\_10



# ELL2 (FDR = 0.003)

cluster\_10

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

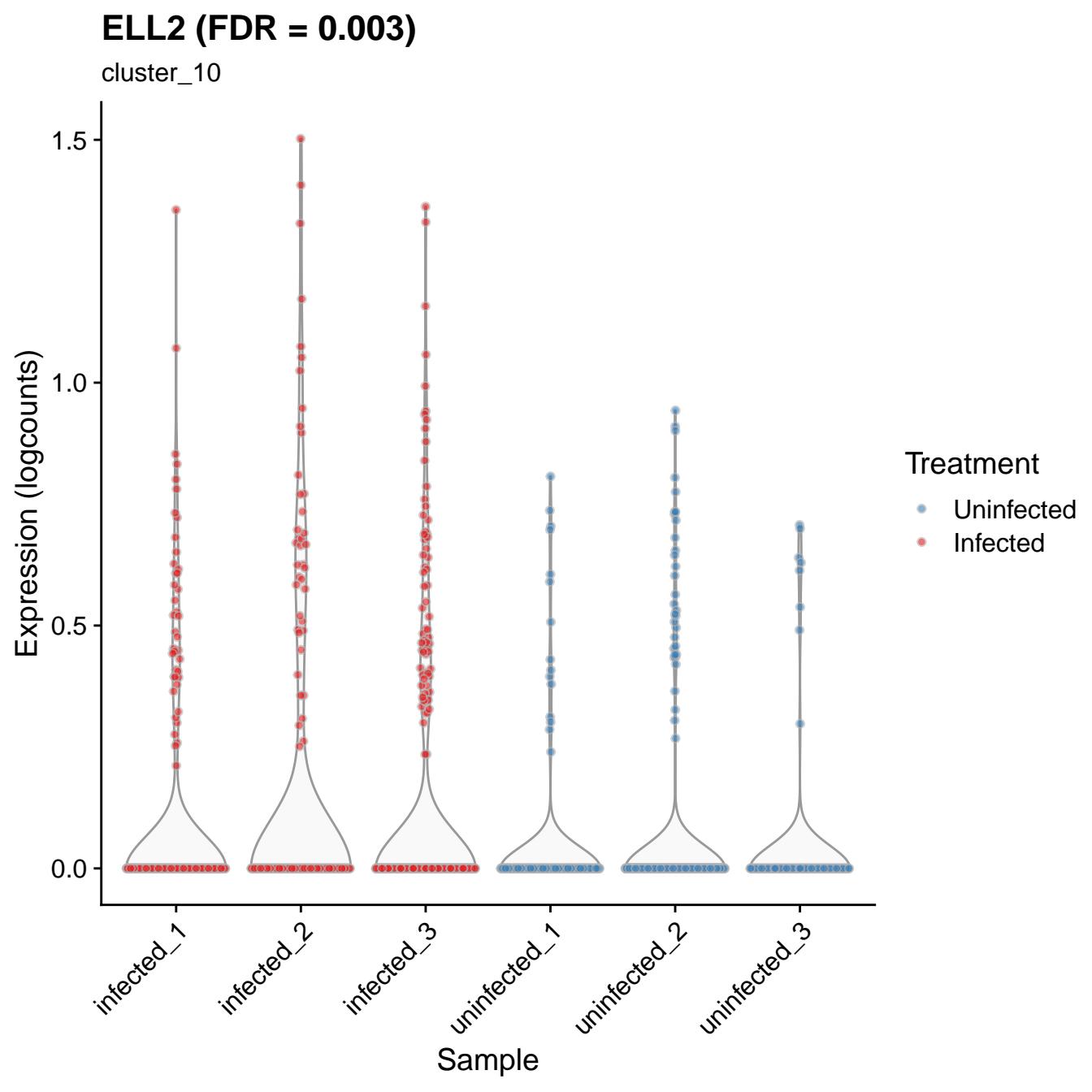
infected\_3

Sample

uninfected\_1

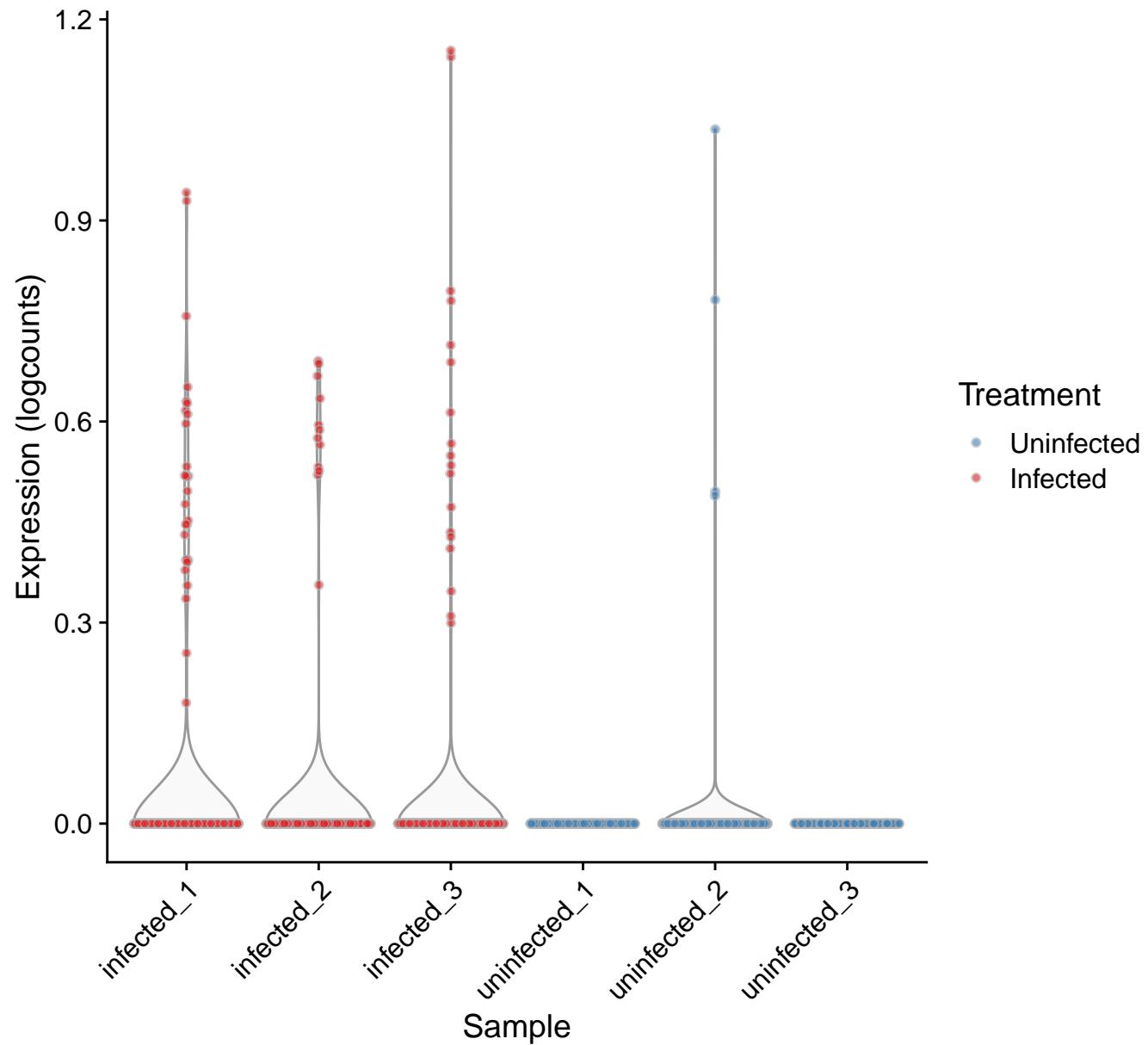
uninfected\_2

uninfected\_3



# JAG1 (FDR = 0.004)

cluster\_10



# 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

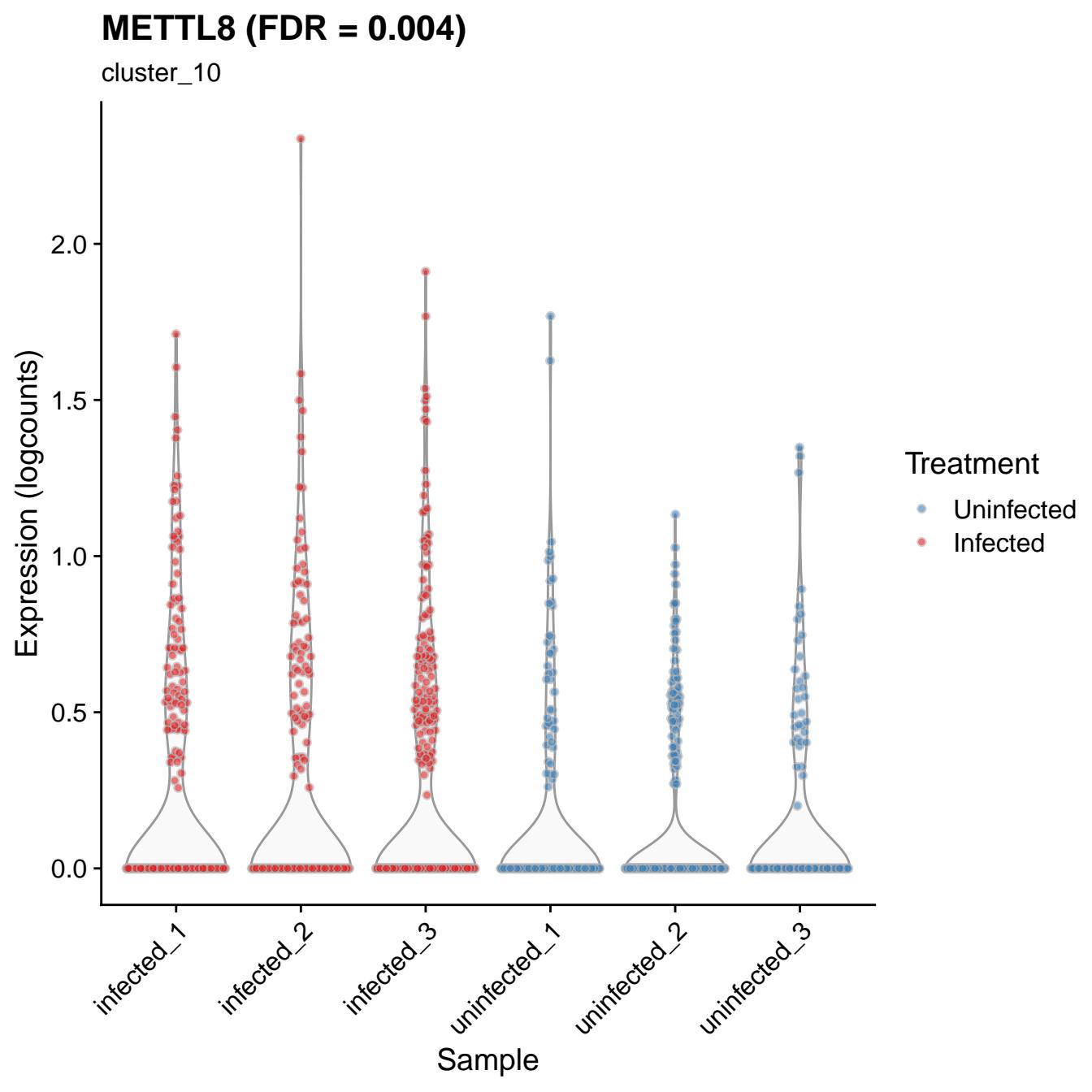
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



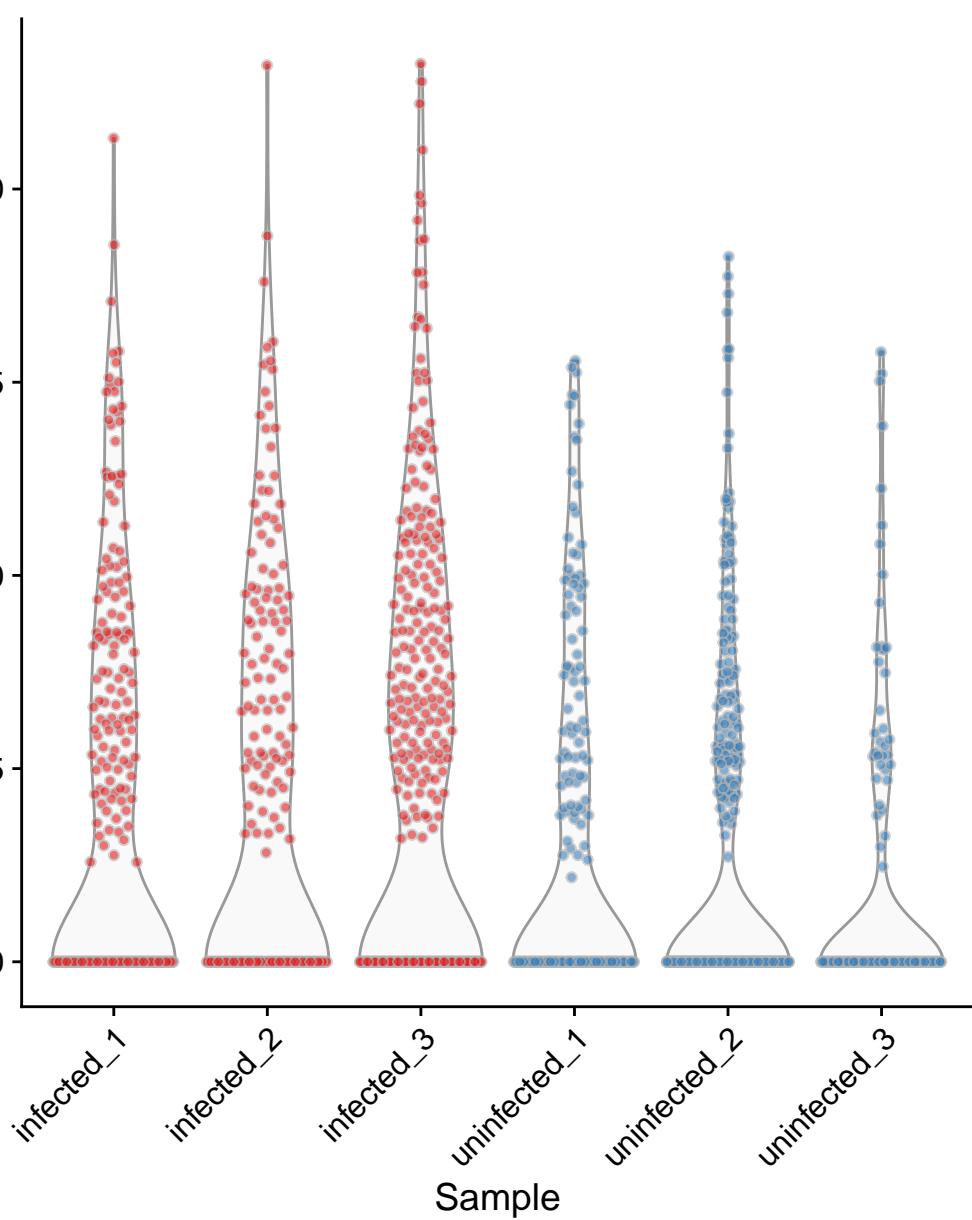
# HLA-DMA (FDR = 0.004)

cluster\_10

Expression (logcounts)

Treatment

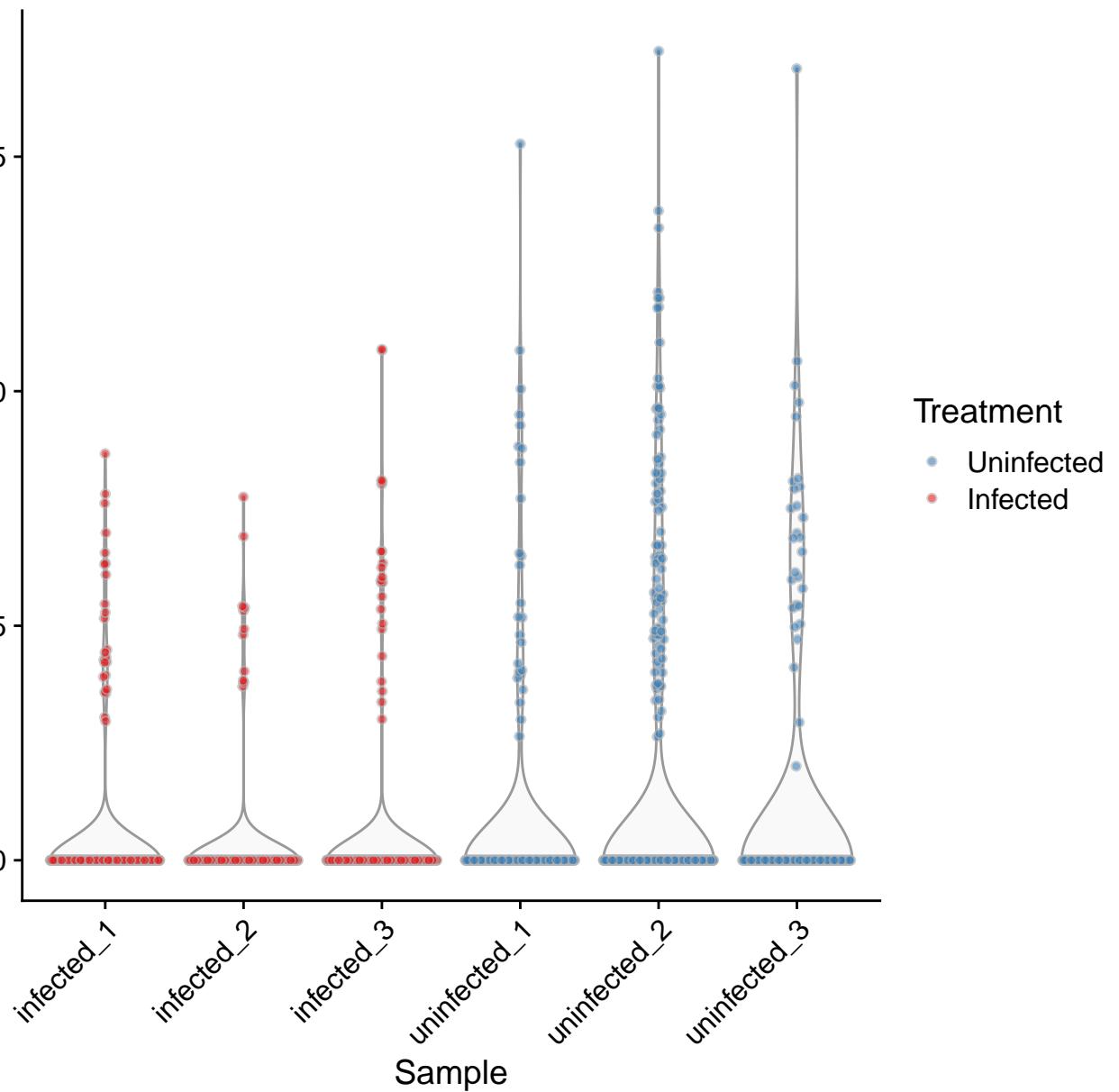
- Uninfected
- Infected



# PRR5L (FDR = 0.004)

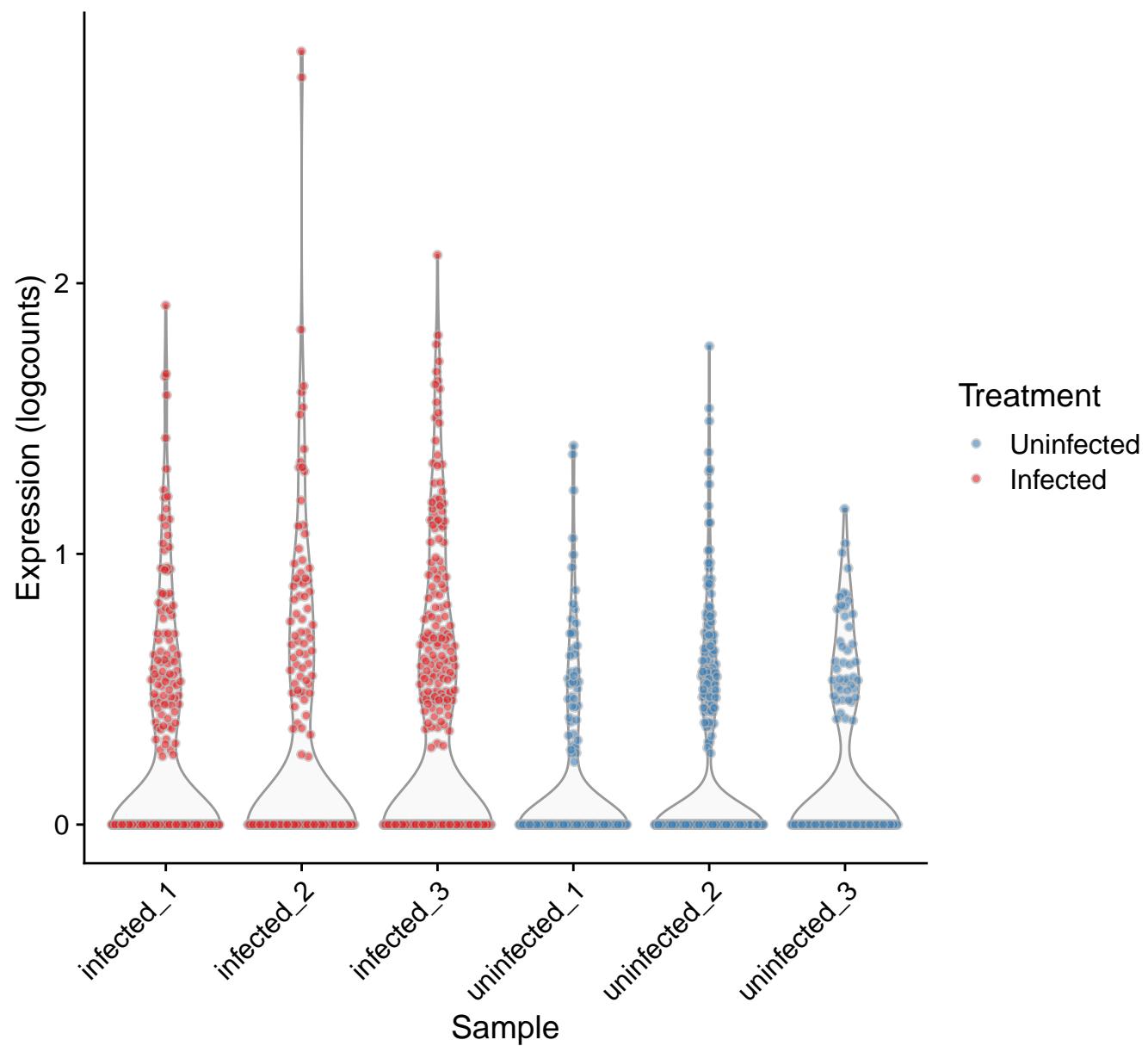
cluster\_10

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

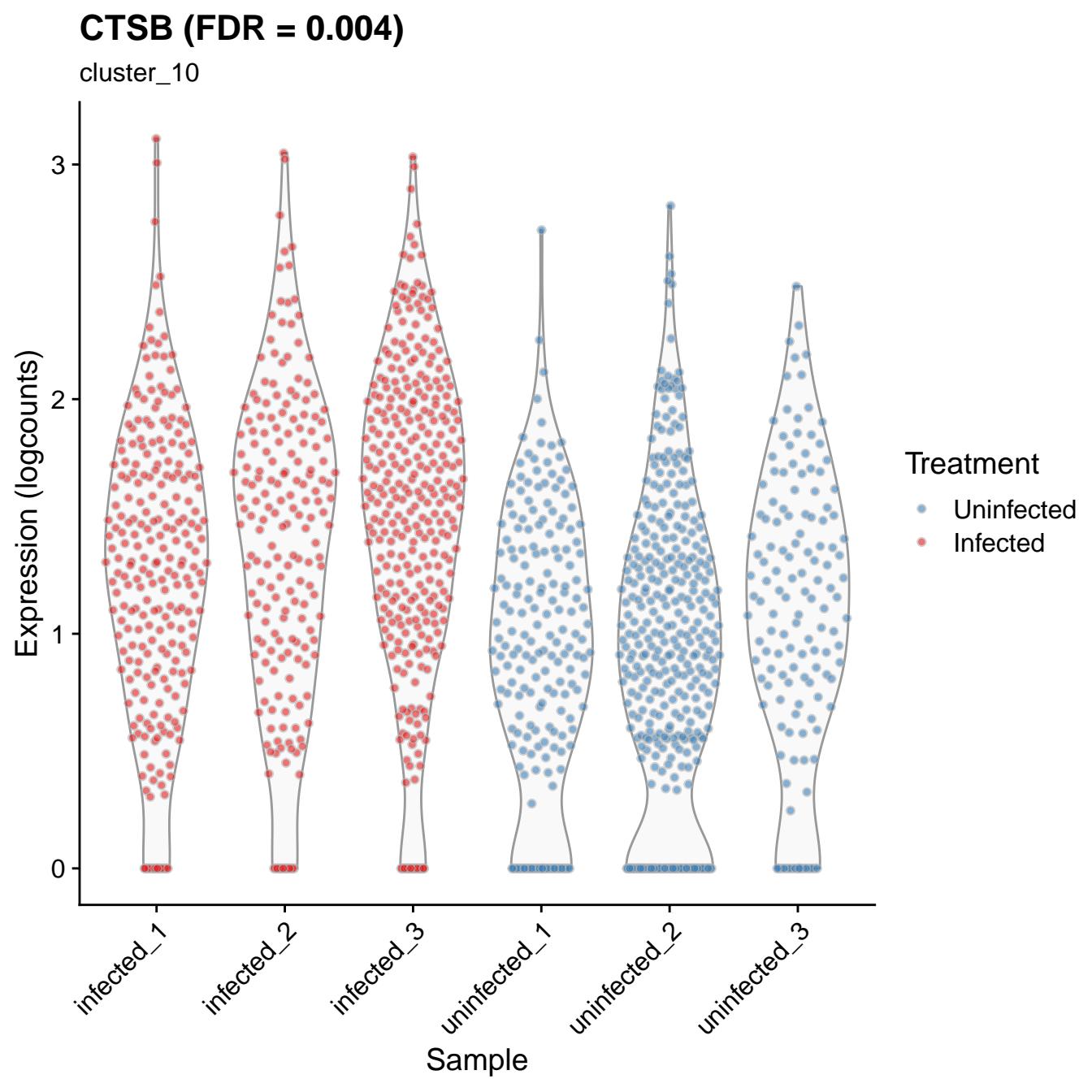
uninfected\_2

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

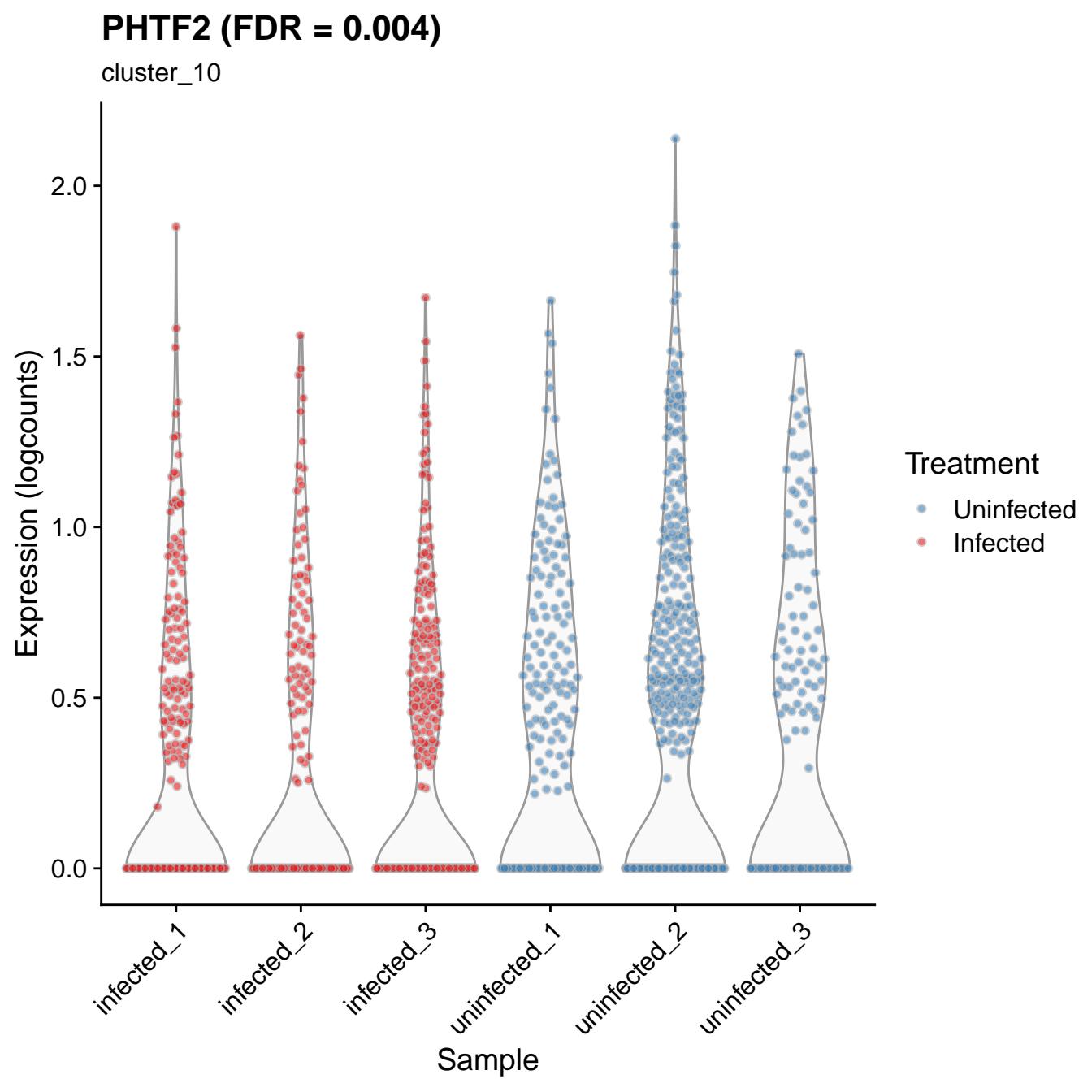
infected\_3

Sample

uninfected\_1

uninfected\_2

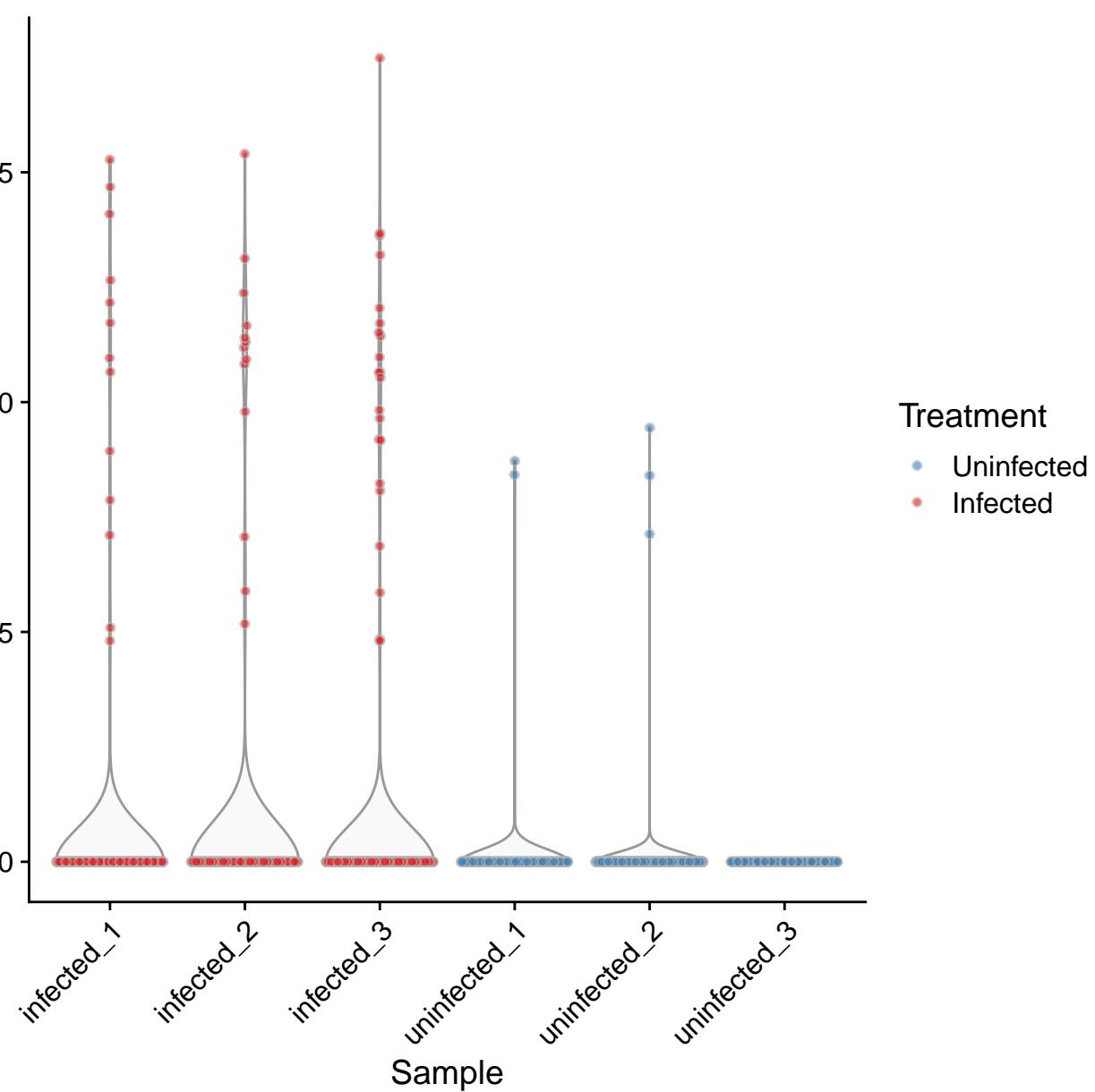
uninfected\_3



# TM6SF1 (FDR = 0.004)

cluster\_10

Expression (logcounts)



# MYO1F (FDR = 0.004)

cluster\_10

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

3.2

2.8

2.4

2.0

1.6

1.2

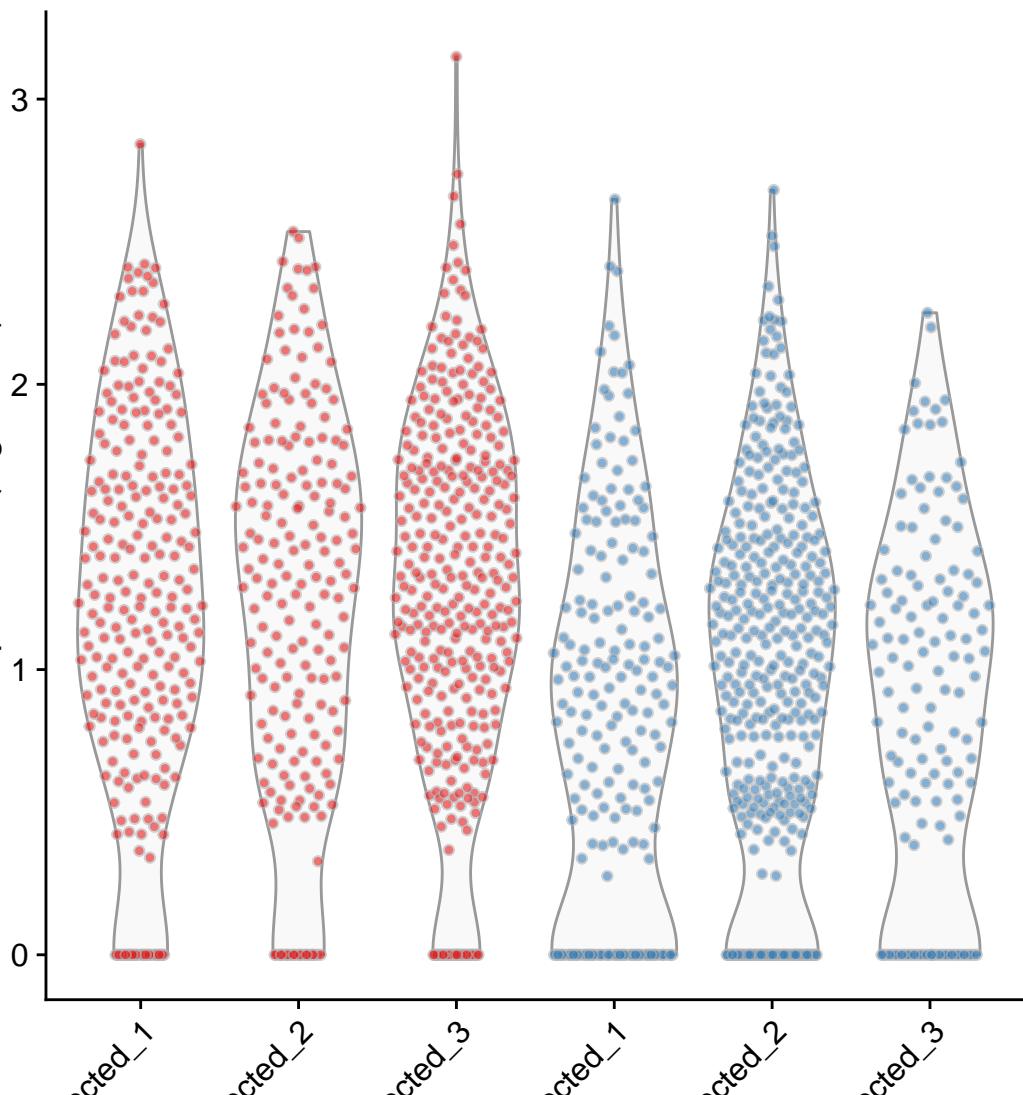
0.8

0.4

0.0

Treatment

- Uninfected
- Infected



# 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

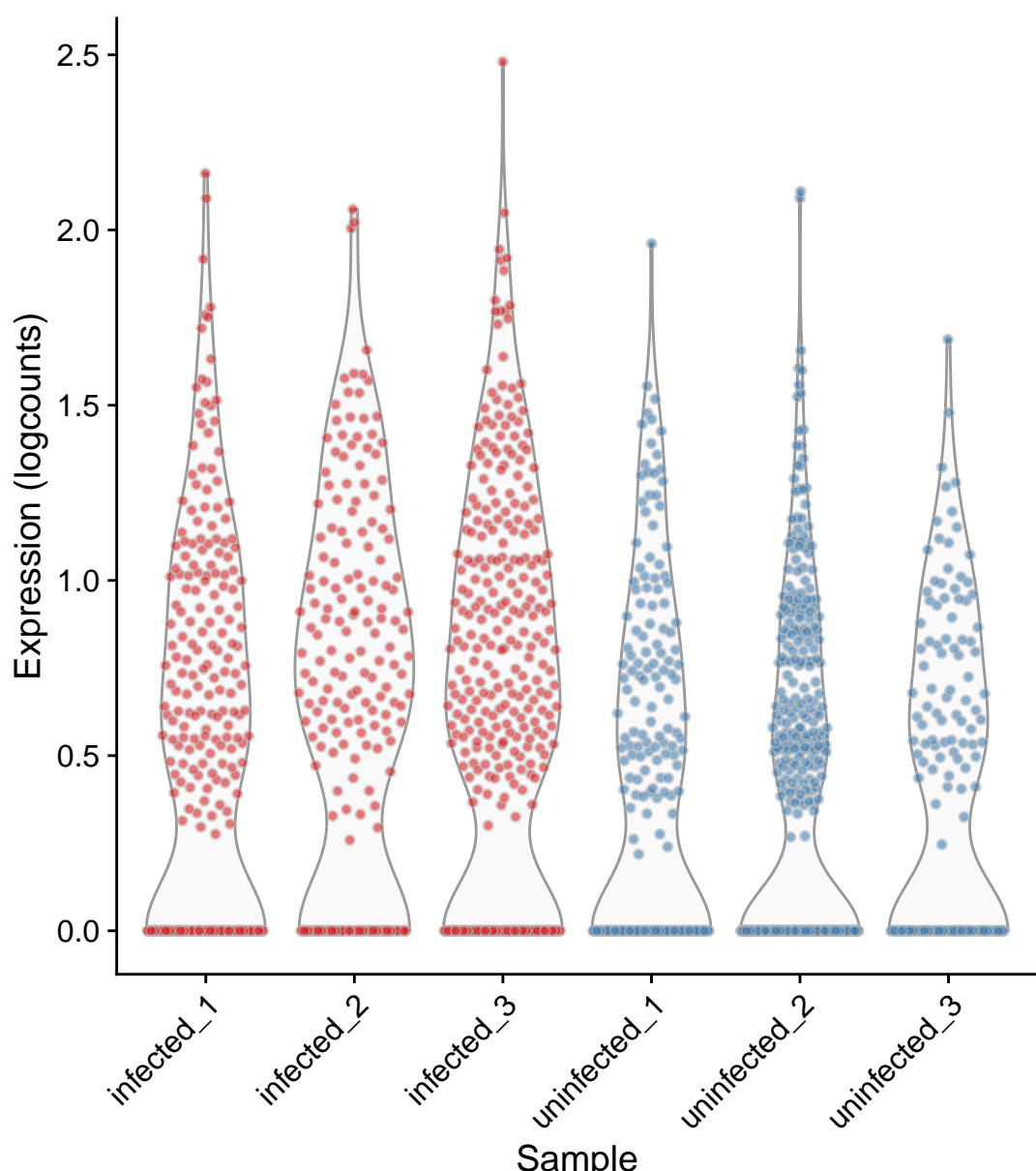
infected\_3

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

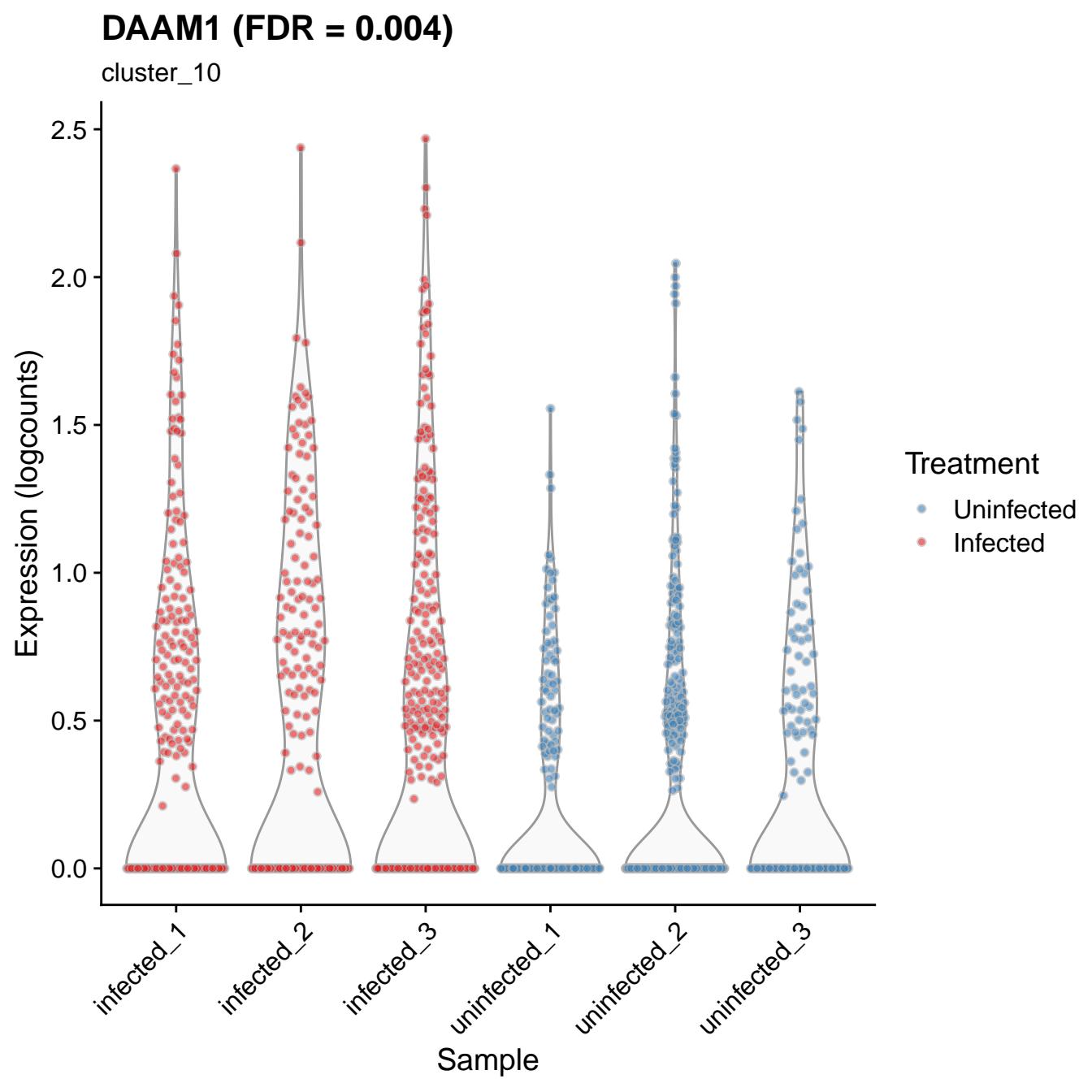
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# RARRES3 (FDR = 0.004)

cluster\_10

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

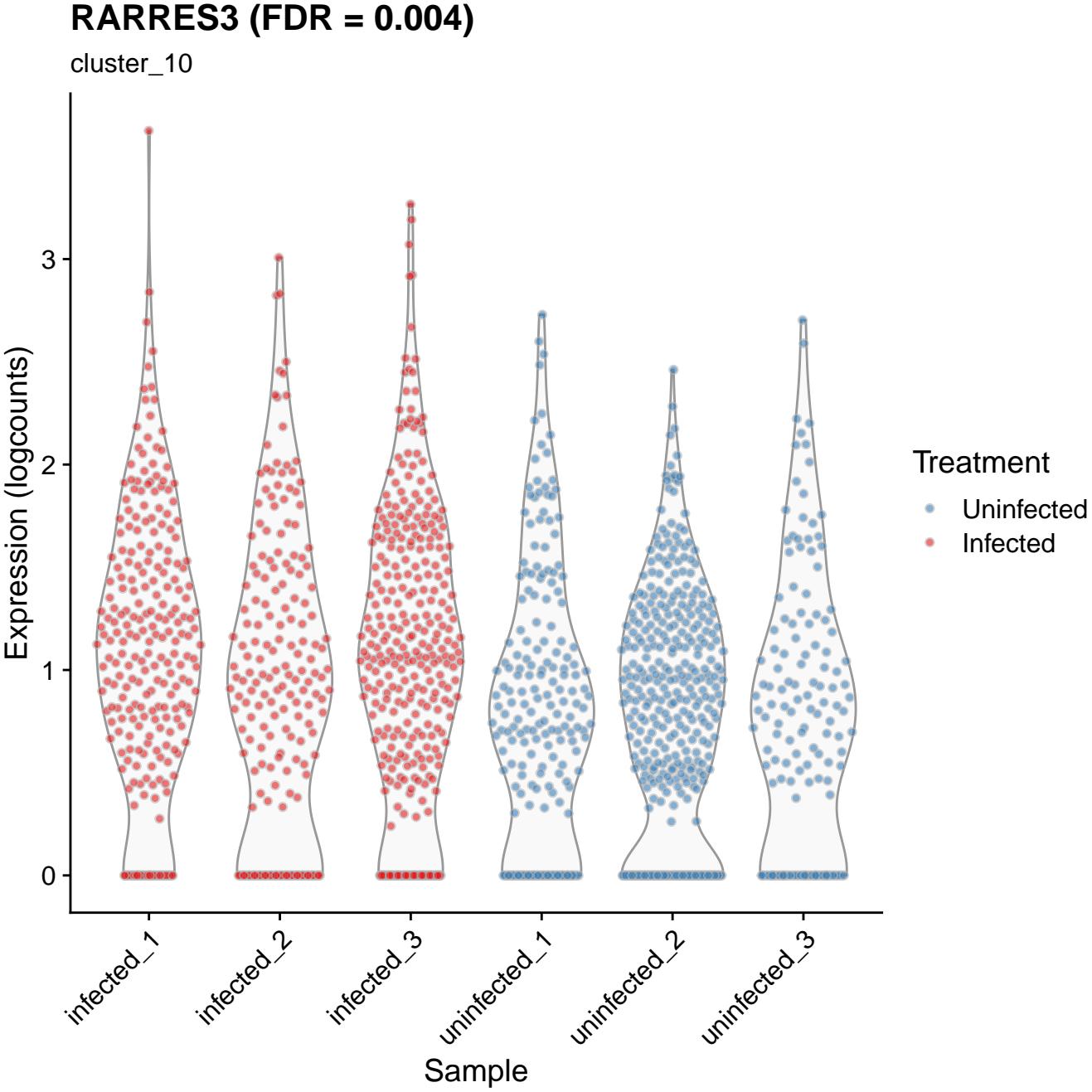
uninfected\_3

3

2

1

0



# GLRX (FDR = 0.004)

cluster\_10

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

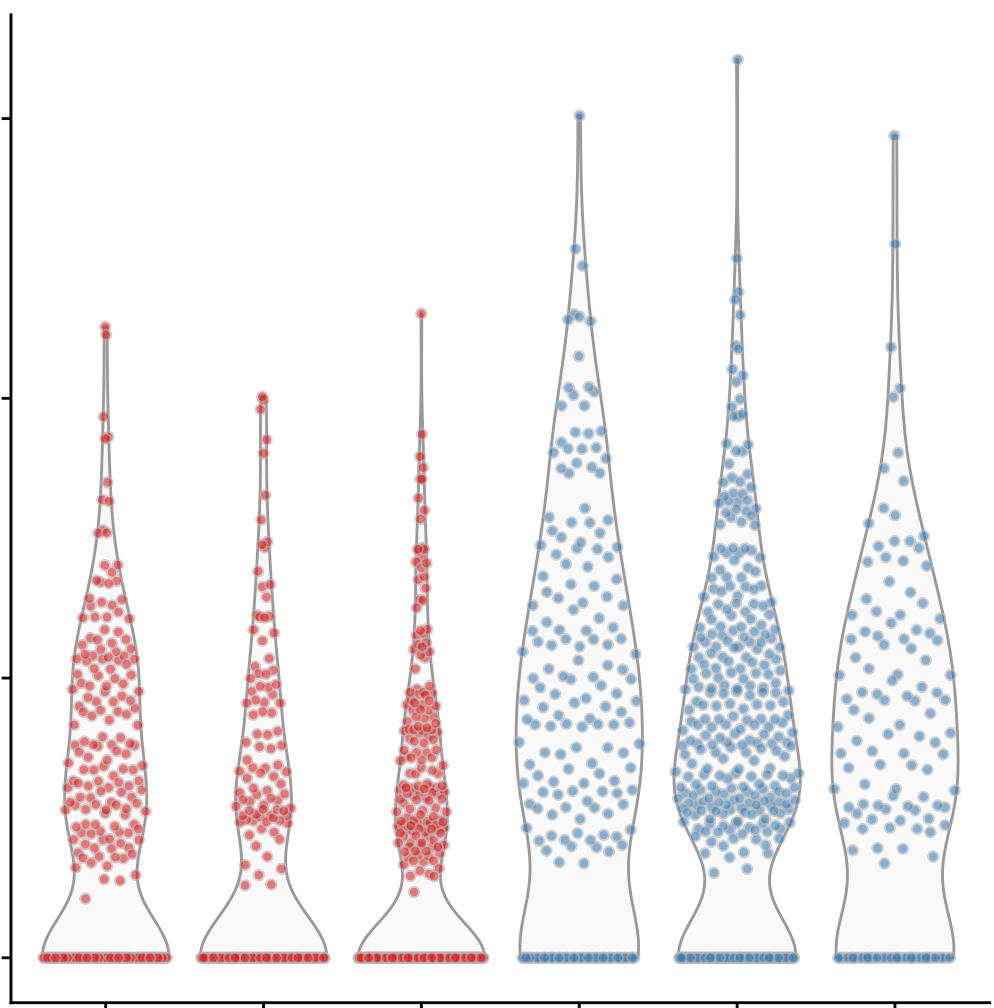
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CDCA7L (FDR = 0.004)

cluster\_10

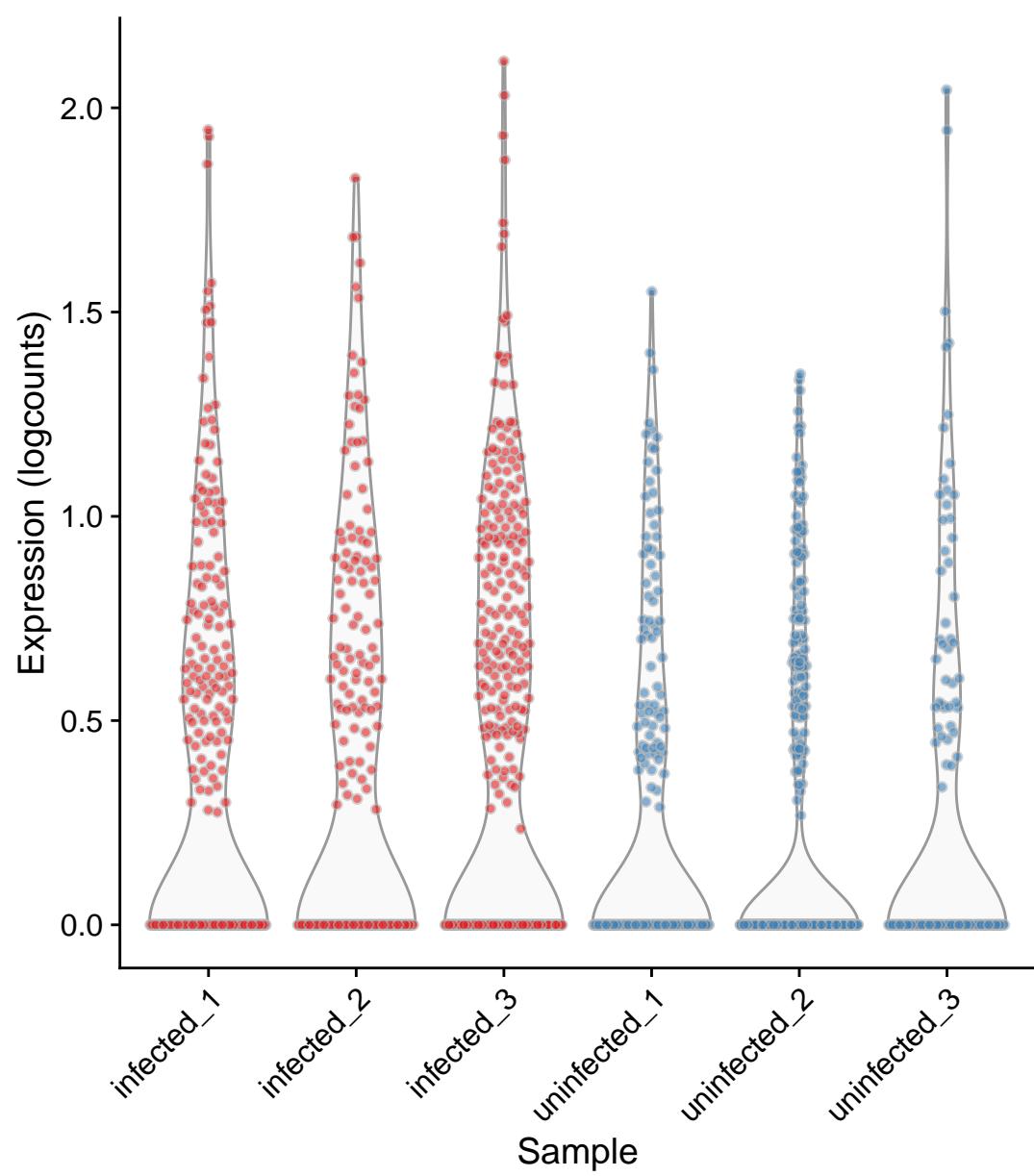
Expression (logcounts)

infected\_1 infected\_2 infected\_3 uninfected\_1 uninfected\_2 uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# ZBTB8OS (FDR = 0.004)

cluster\_10

