

# GLUL (FDR = 1e-06)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

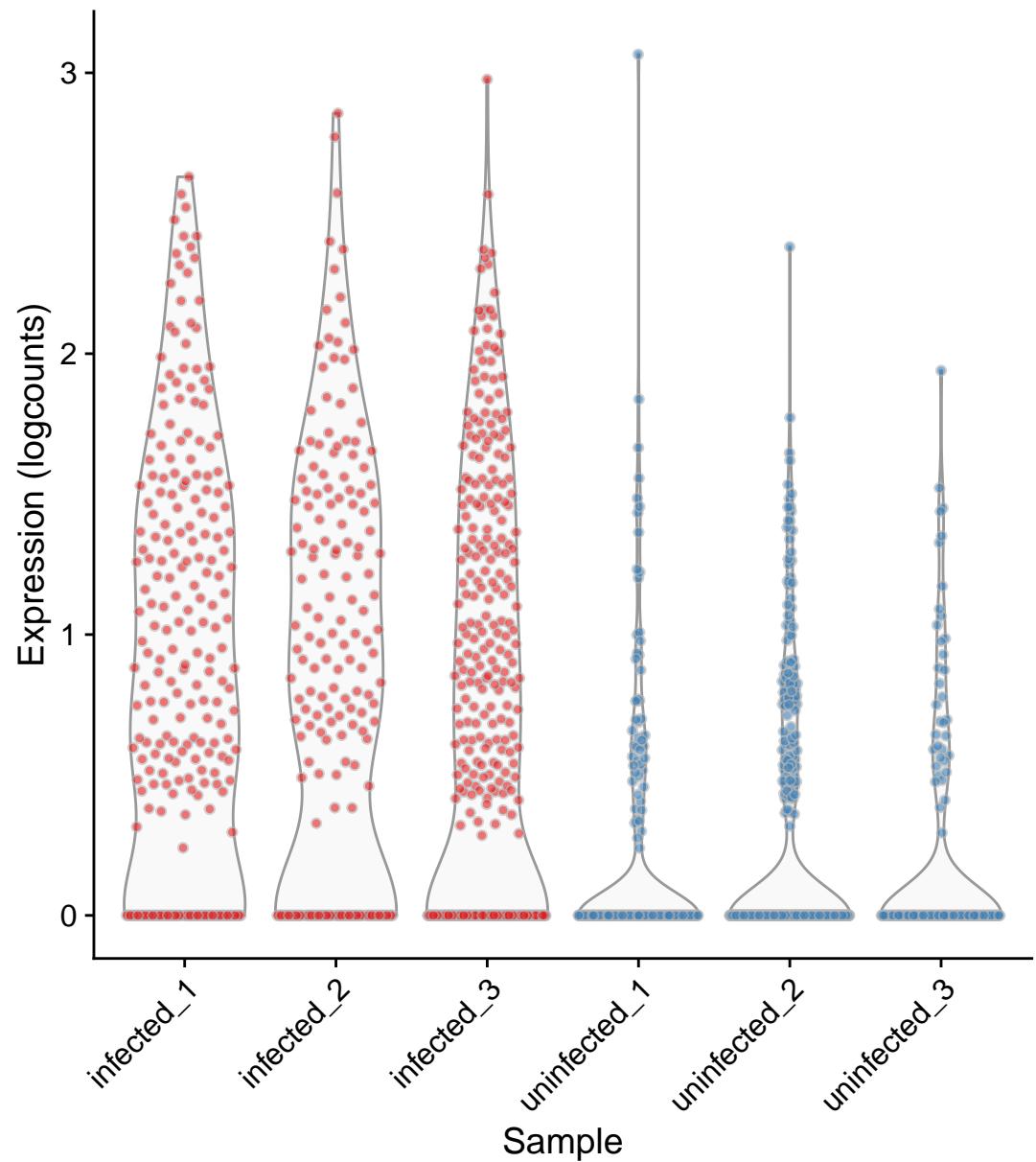
uninfected\_2

uninfected\_3

Sample

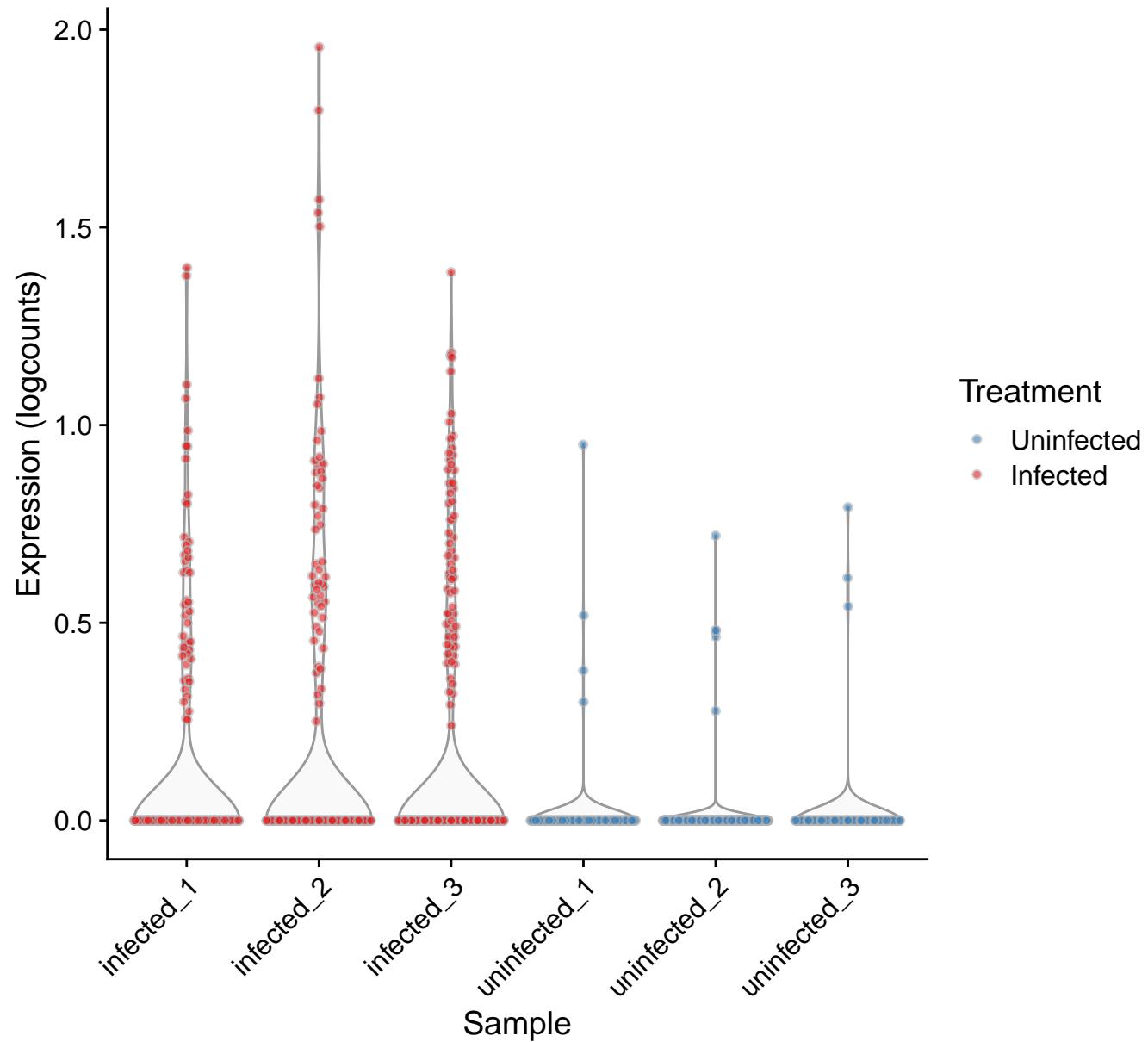
Treatment

- Uninfected
- Infected



# APBA2 (FDR = 4e-05)

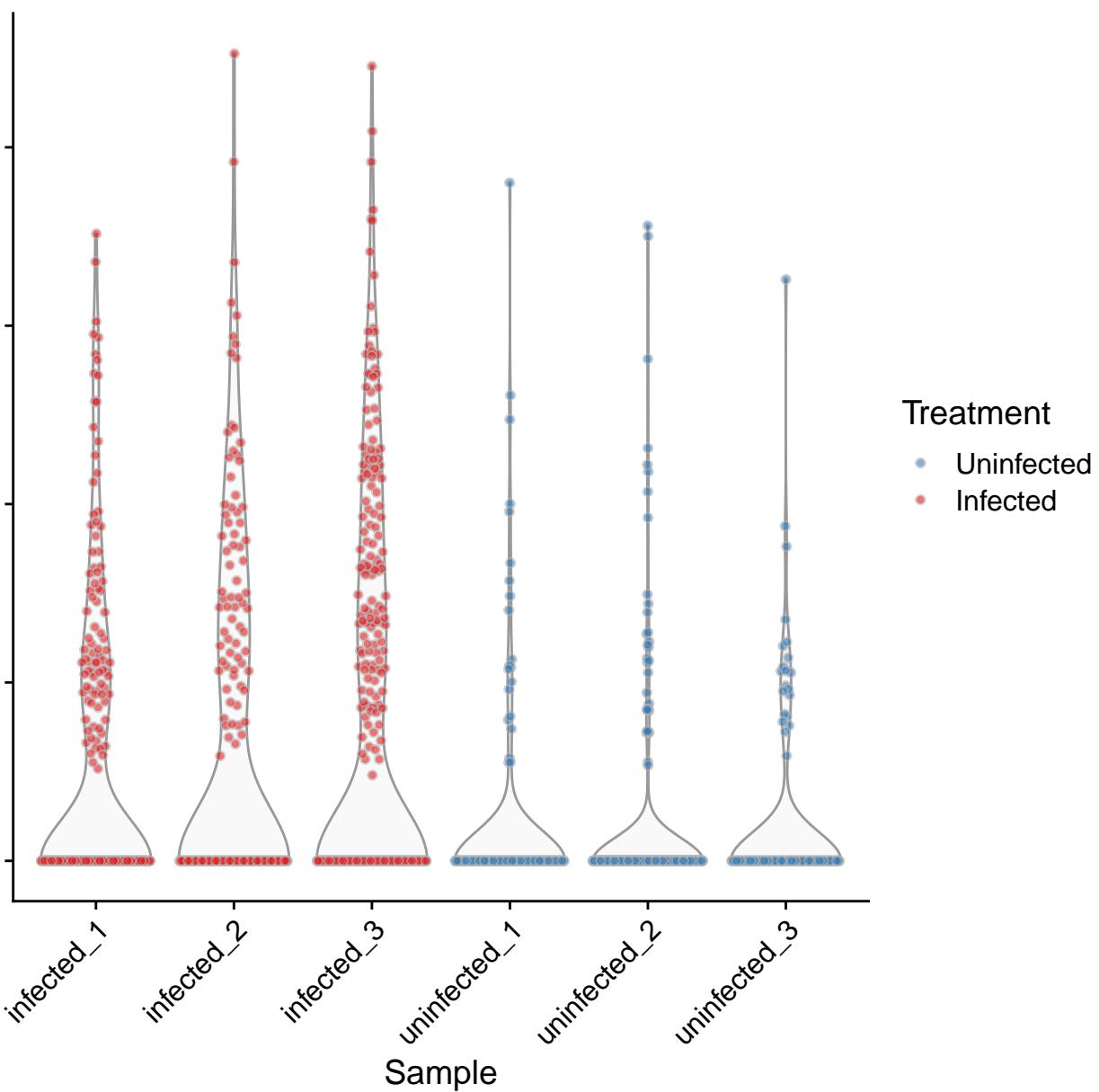
cluster\_7



# KIAA1324 (FDR = 8e-05)

cluster\_7

Expression (logcounts)



# XBP1 (FDR = 8e-05)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

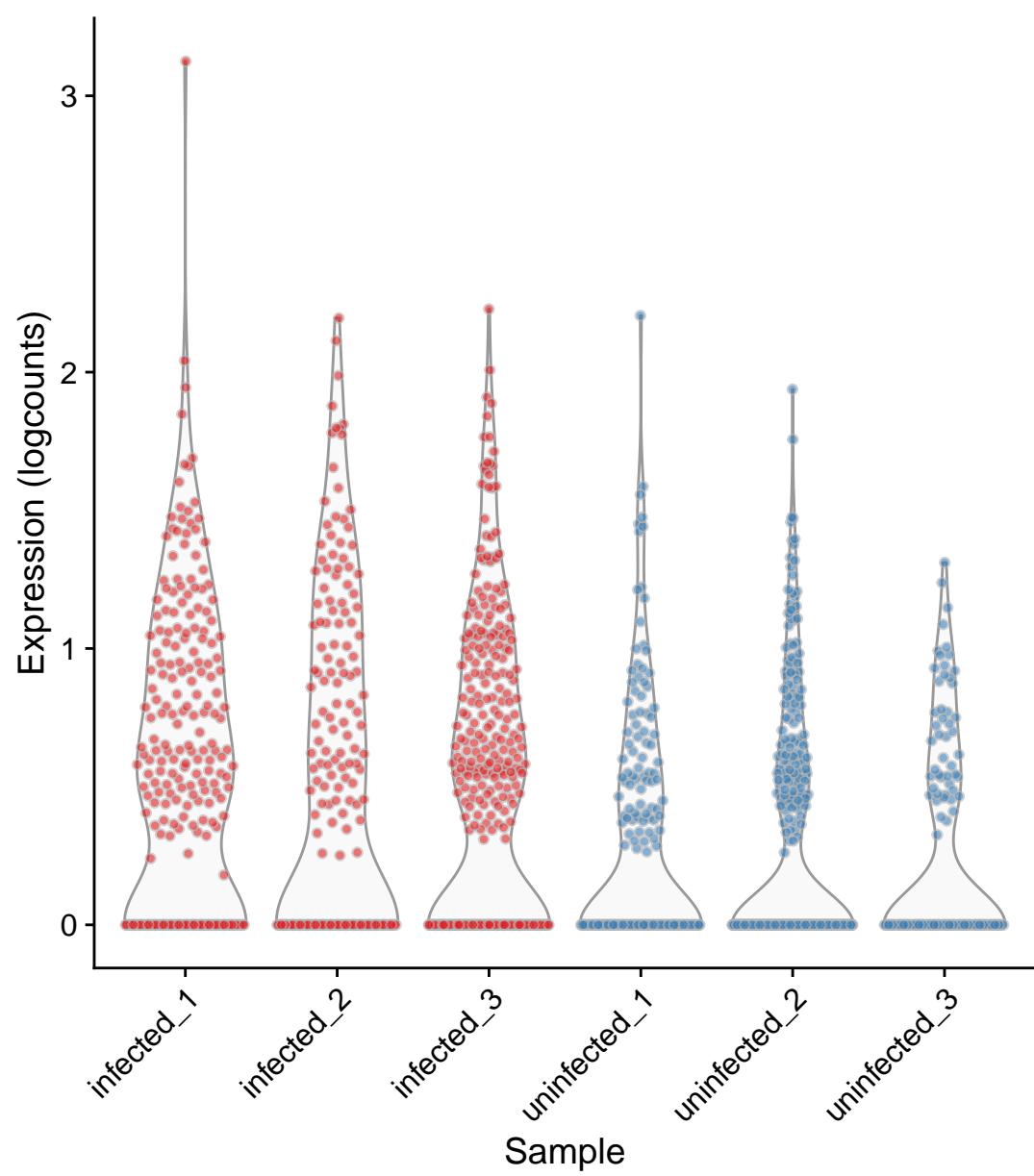
uninfected\_2

uninfected\_3

Sample

Treatment

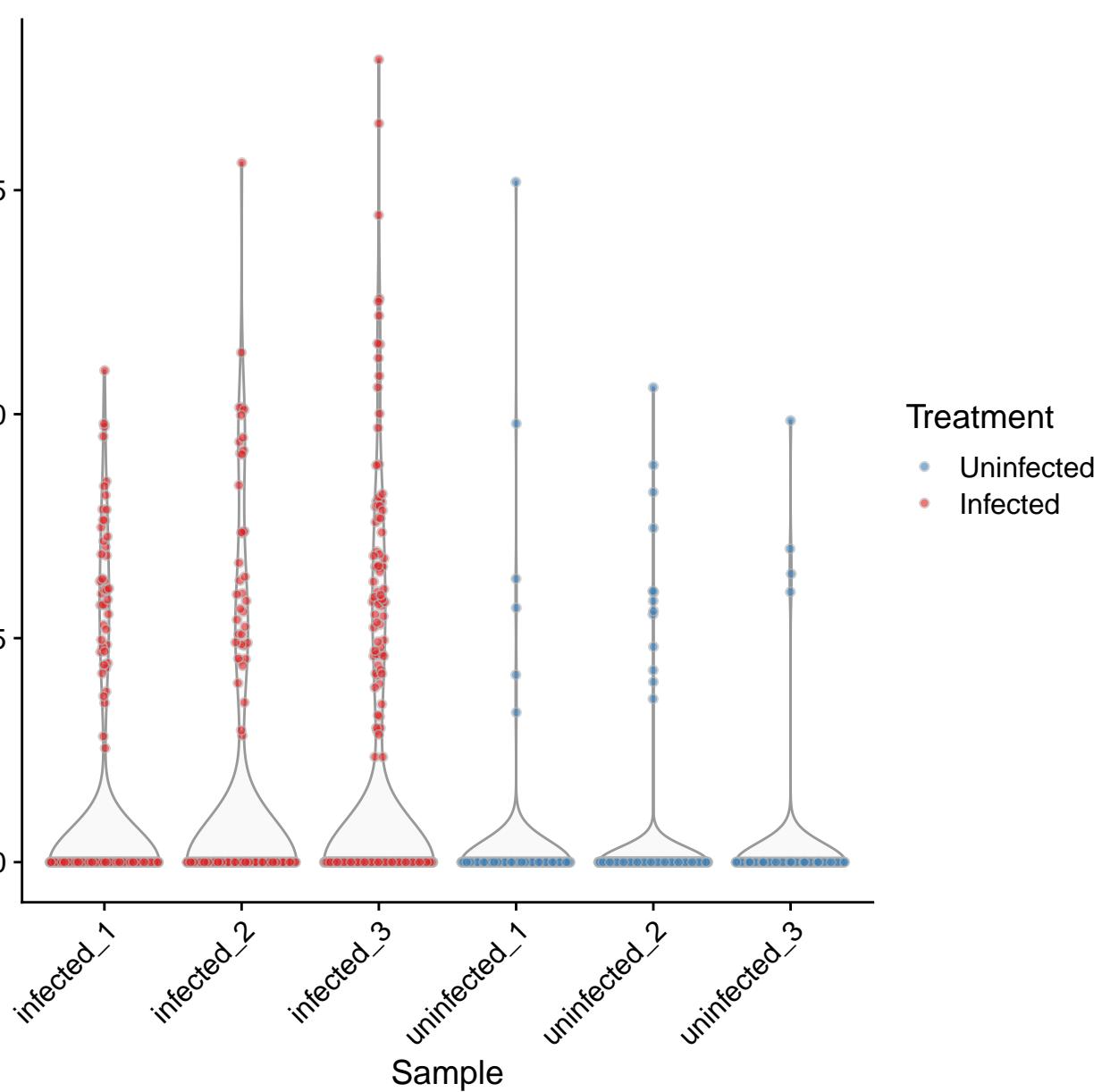
- Uninfected
- Infected



# GLB1L2 (FDR = 8e-05)

cluster\_7

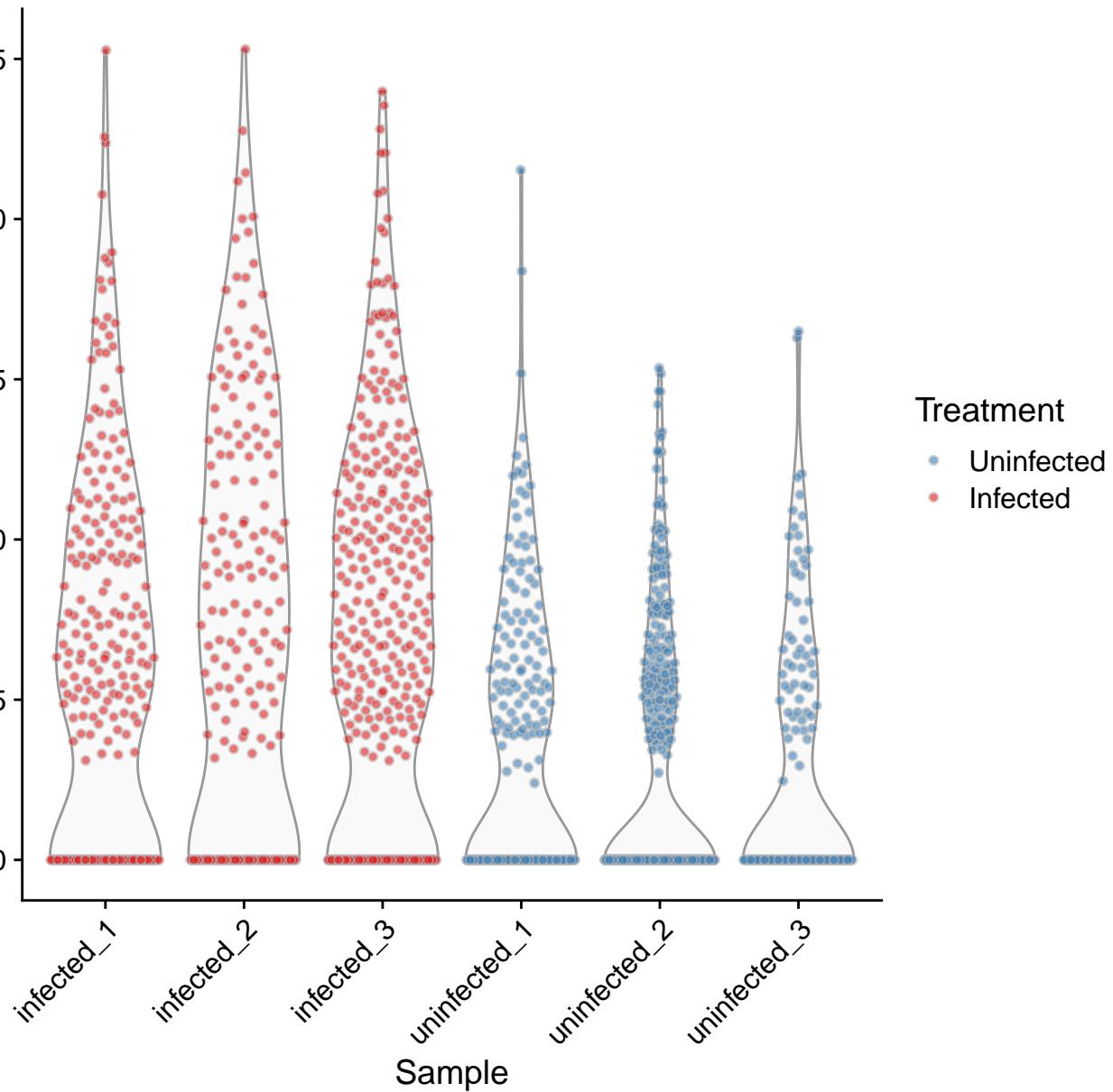
Expression (logcounts)



# **SLC25A46 (FDR = 8e-05)**

cluster\_7

Expression (logcounts)



# FSCN1 (FDR = 9e-05)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

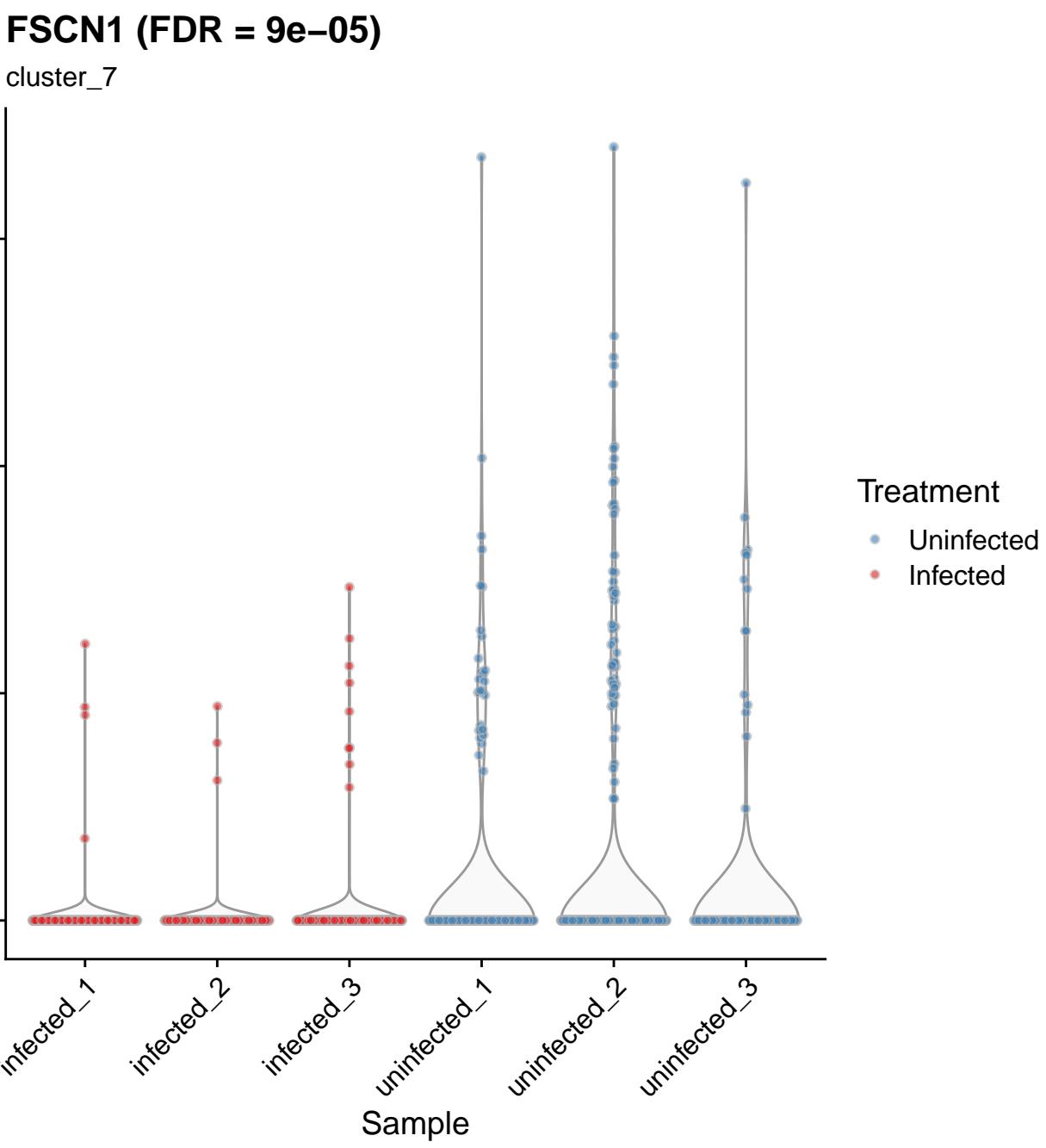
infected\_3

Sample

uninfected\_1

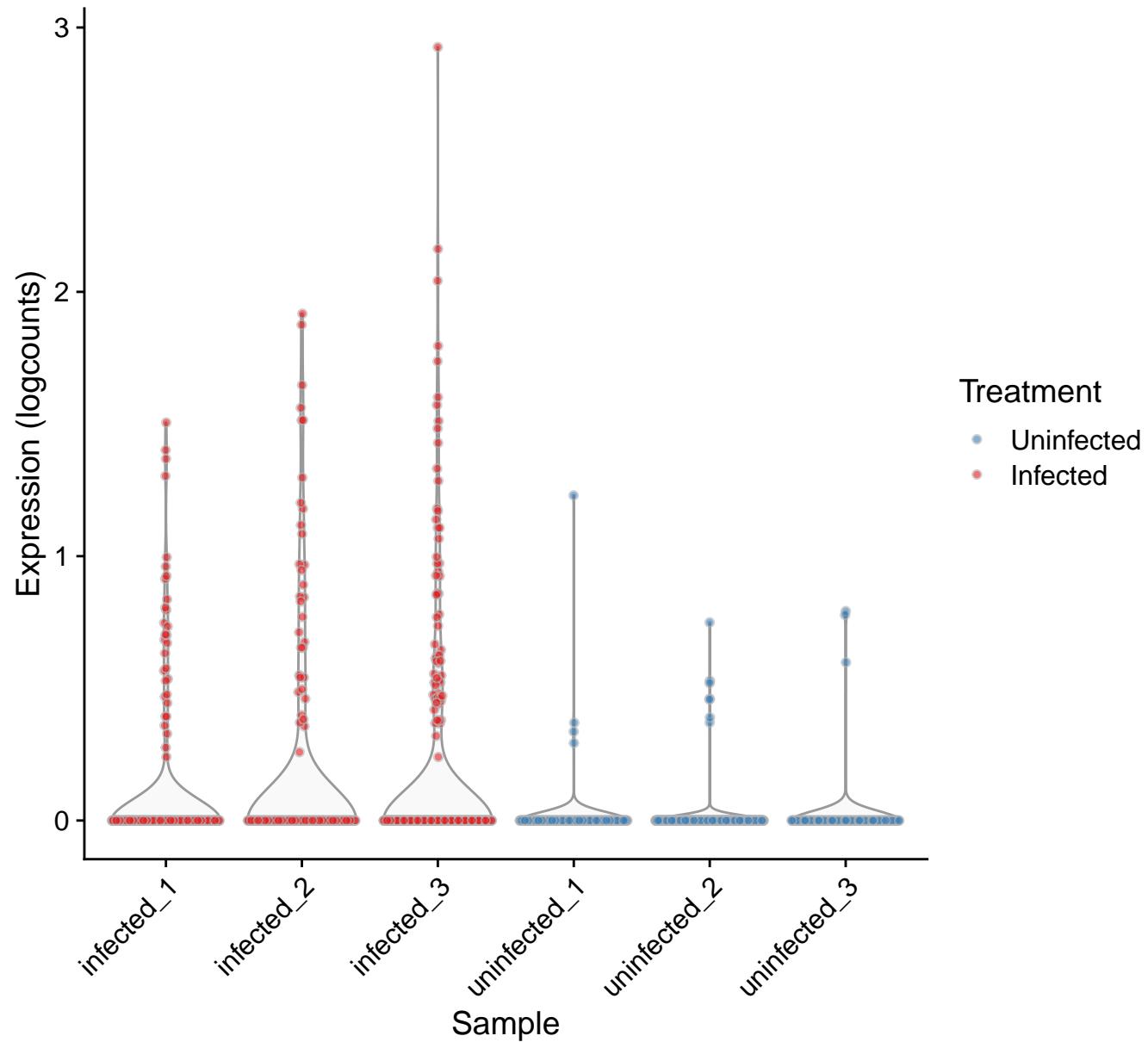
uninfected\_2

uninfected\_3



# COCH (FDR = 9e-05)

cluster\_7



# RASGRP4 (FDR = 9e-05)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

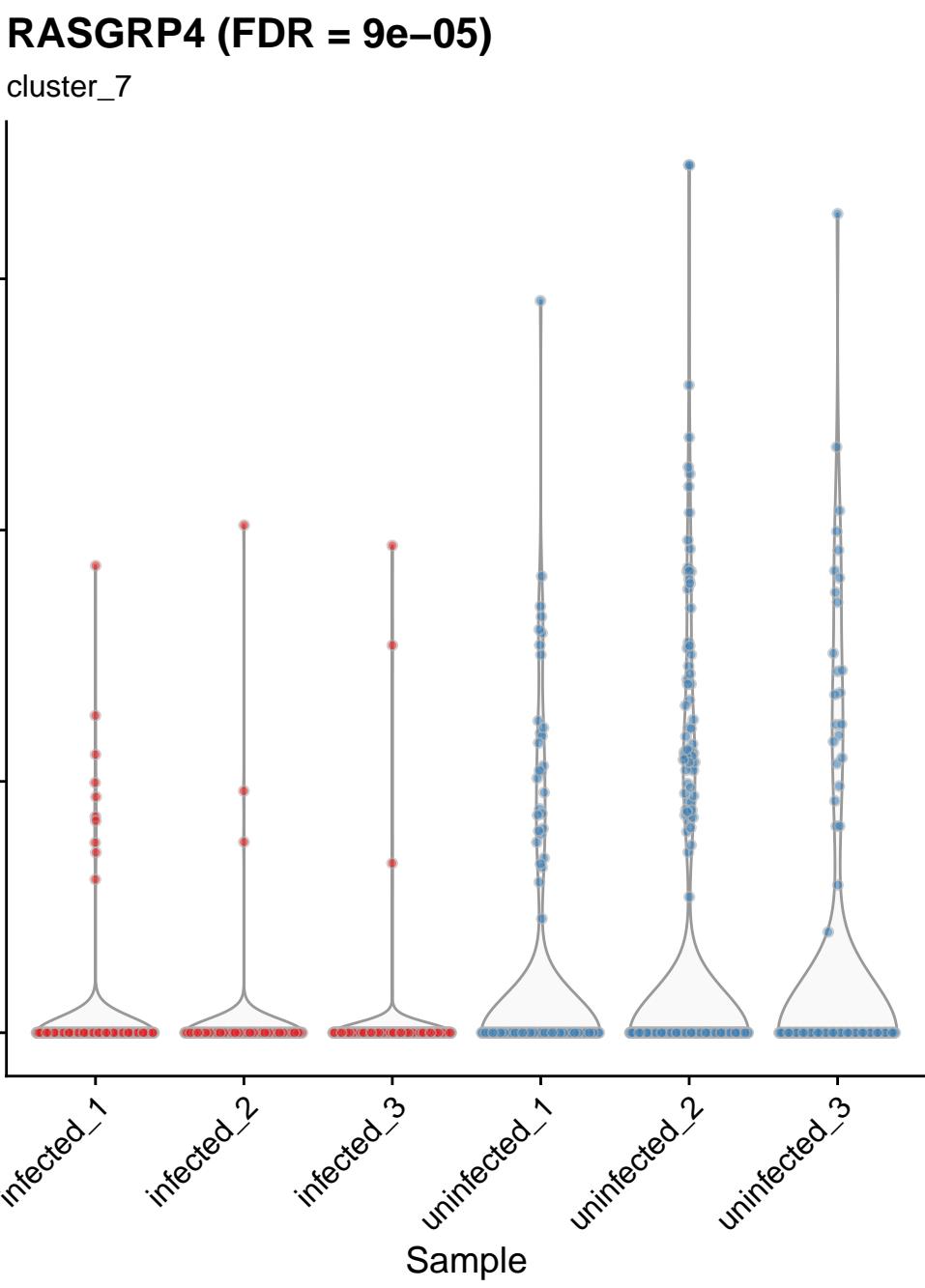
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# LTA (FDR = 9e-05)

cluster\_7

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

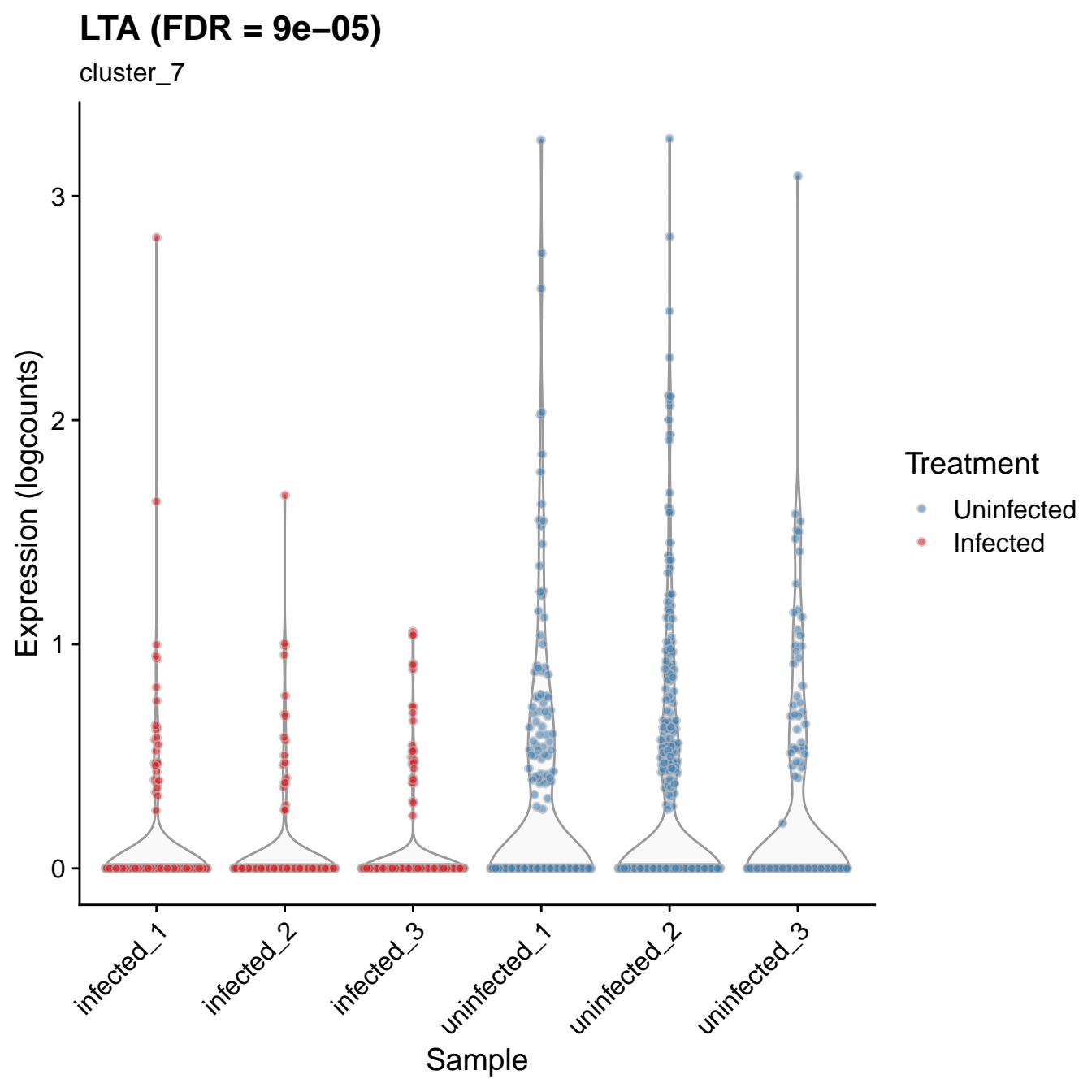
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# CHST7 (FDR = 1e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

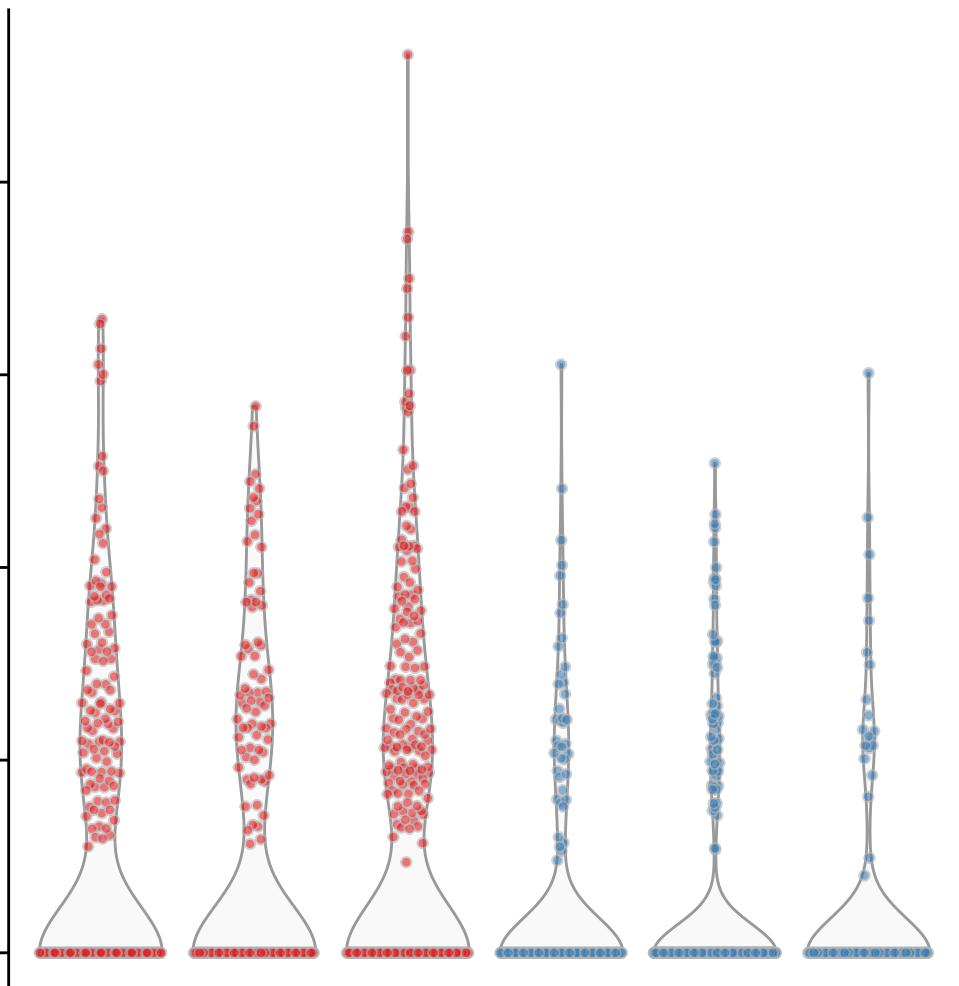
infected\_3

Sample

uninfected\_1

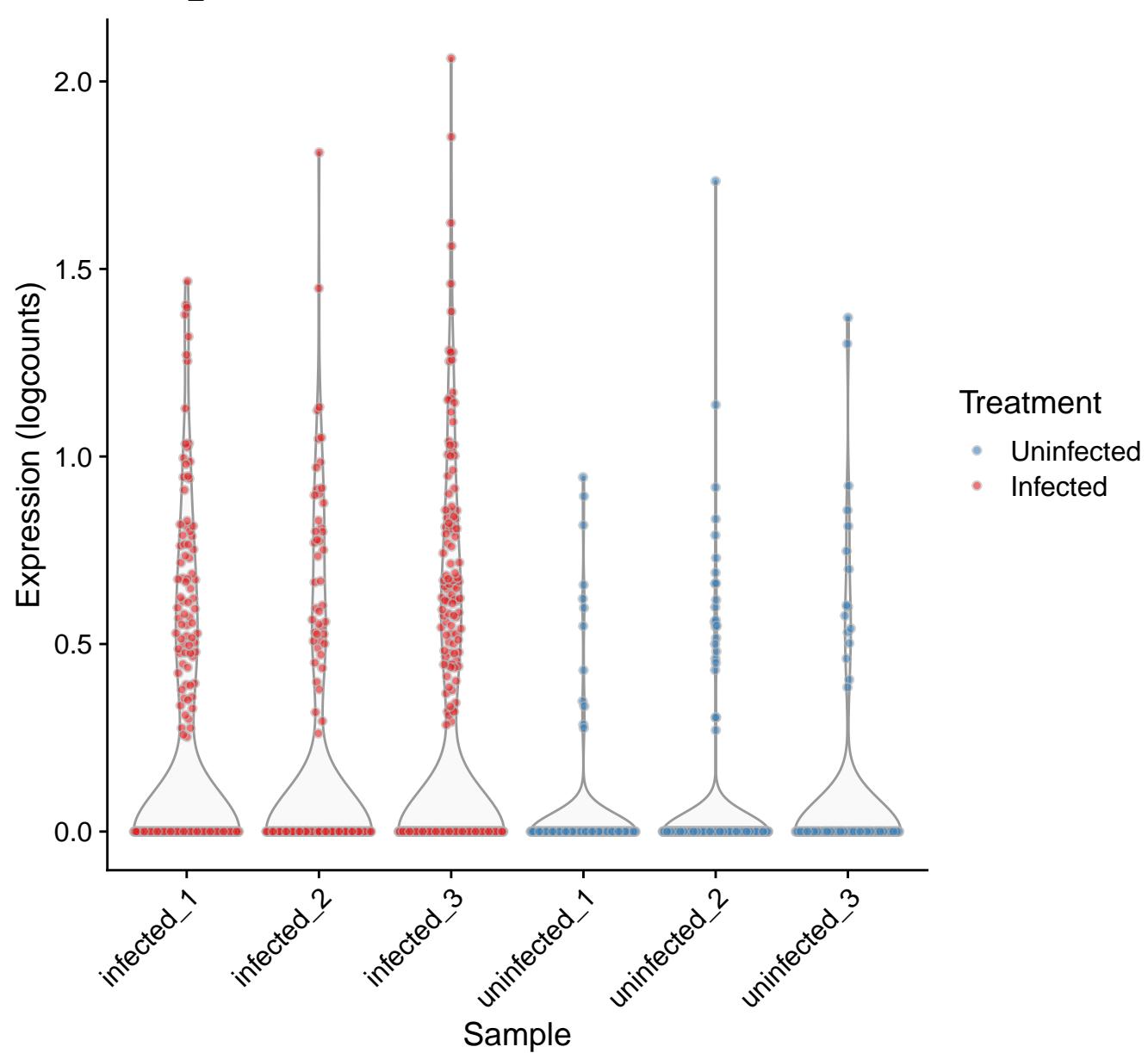
uninfected\_2

uninfected\_3



# ACSL6 (FDR = 1e-04)

cluster\_7



# SMCO4 (FDR = 1e-04)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

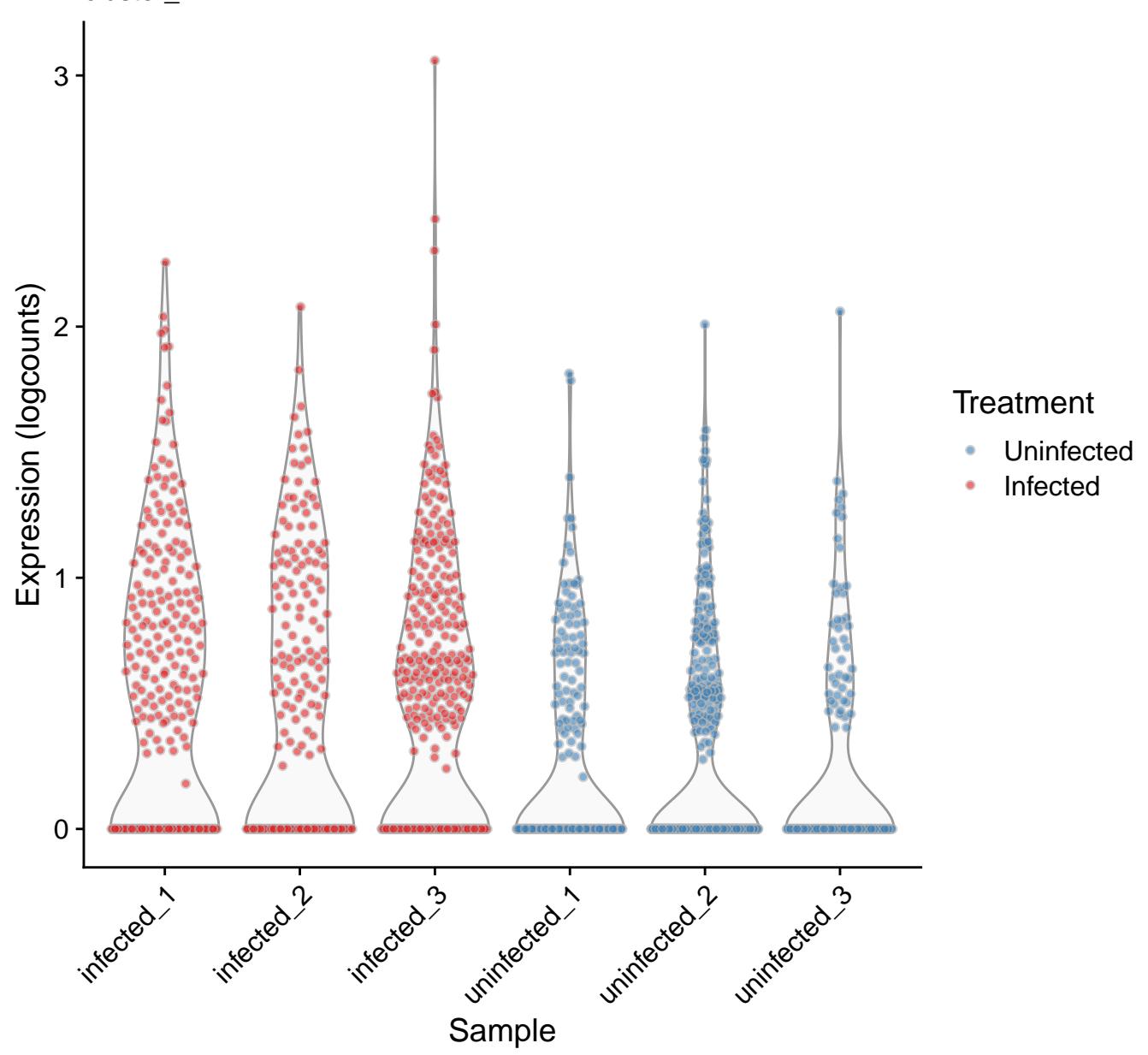
uninfected\_2

uninfected\_3

Sample

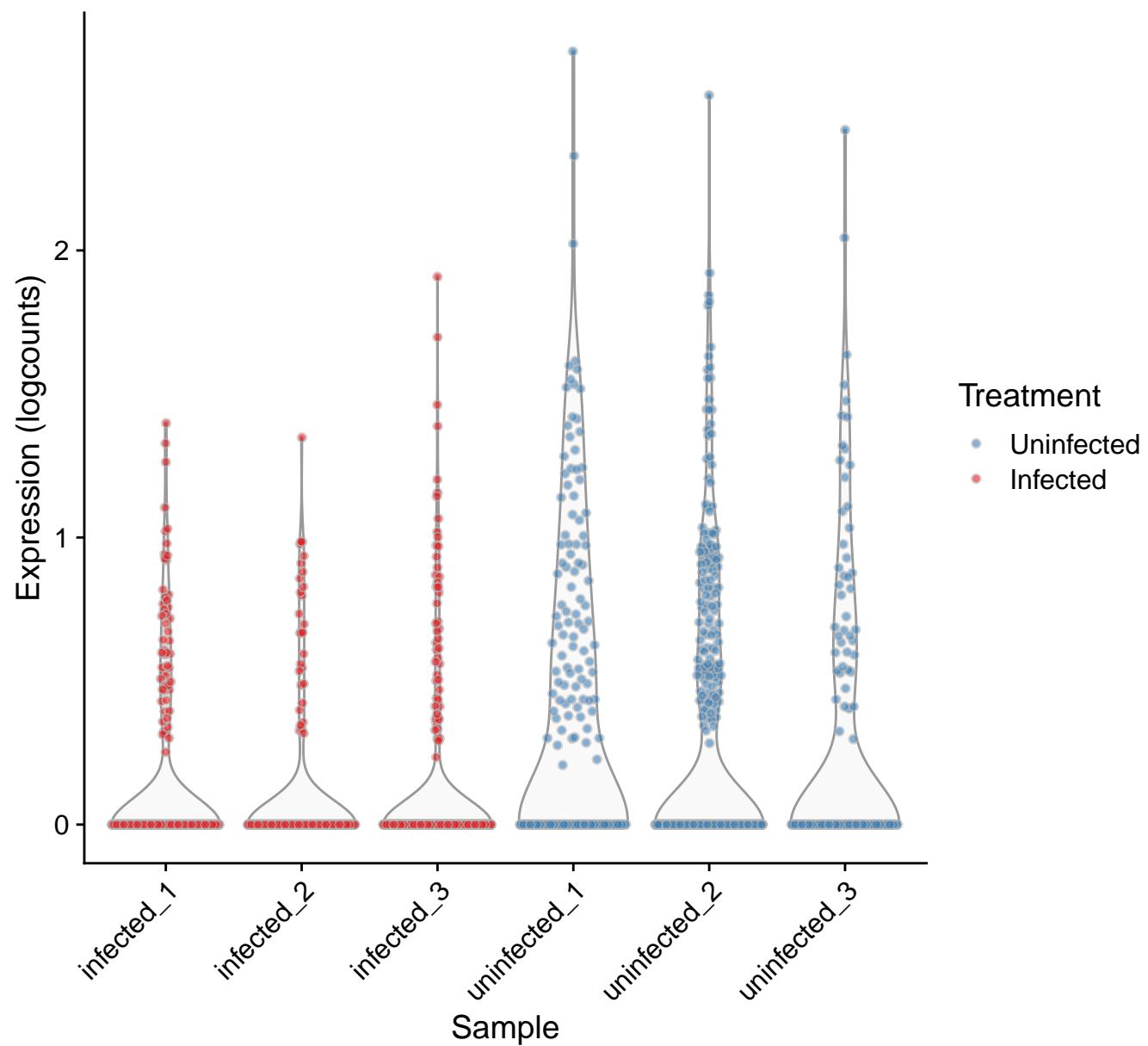
Treatment

- Uninfected
- Infected



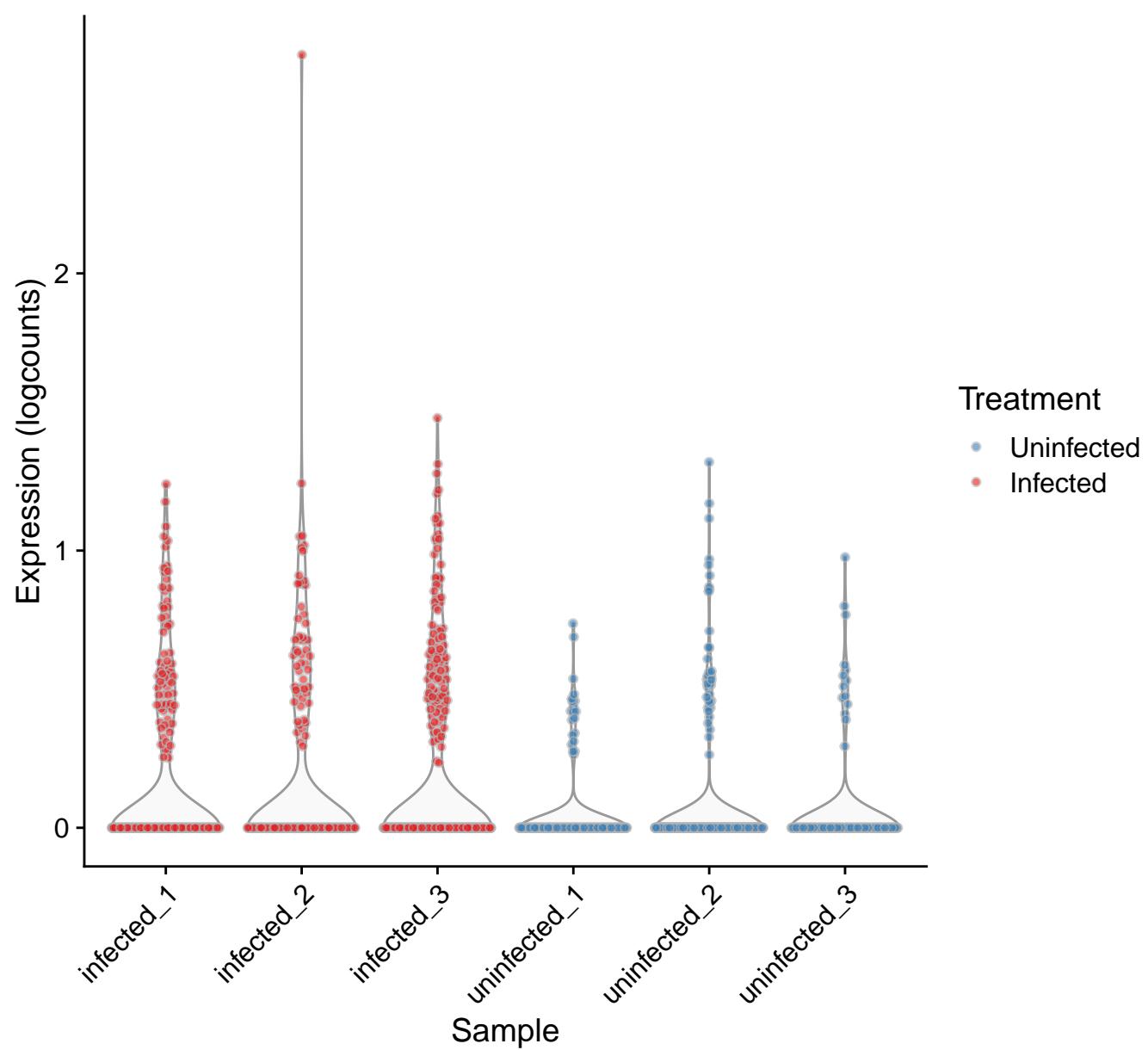
# MAF (FDR = 1e-04)

cluster\_7



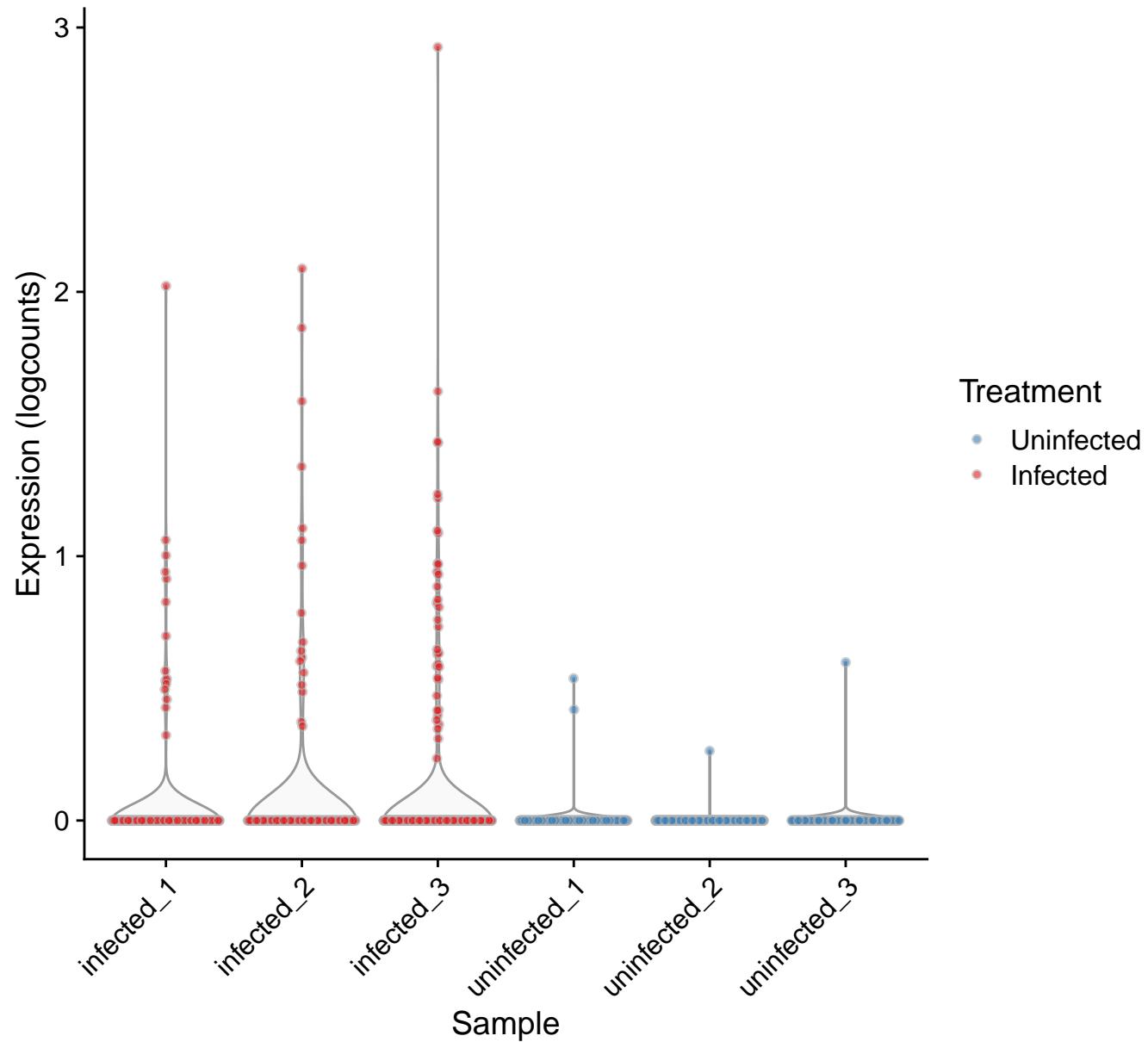
# ADAP1 (FDR = 1e-04)

cluster\_7



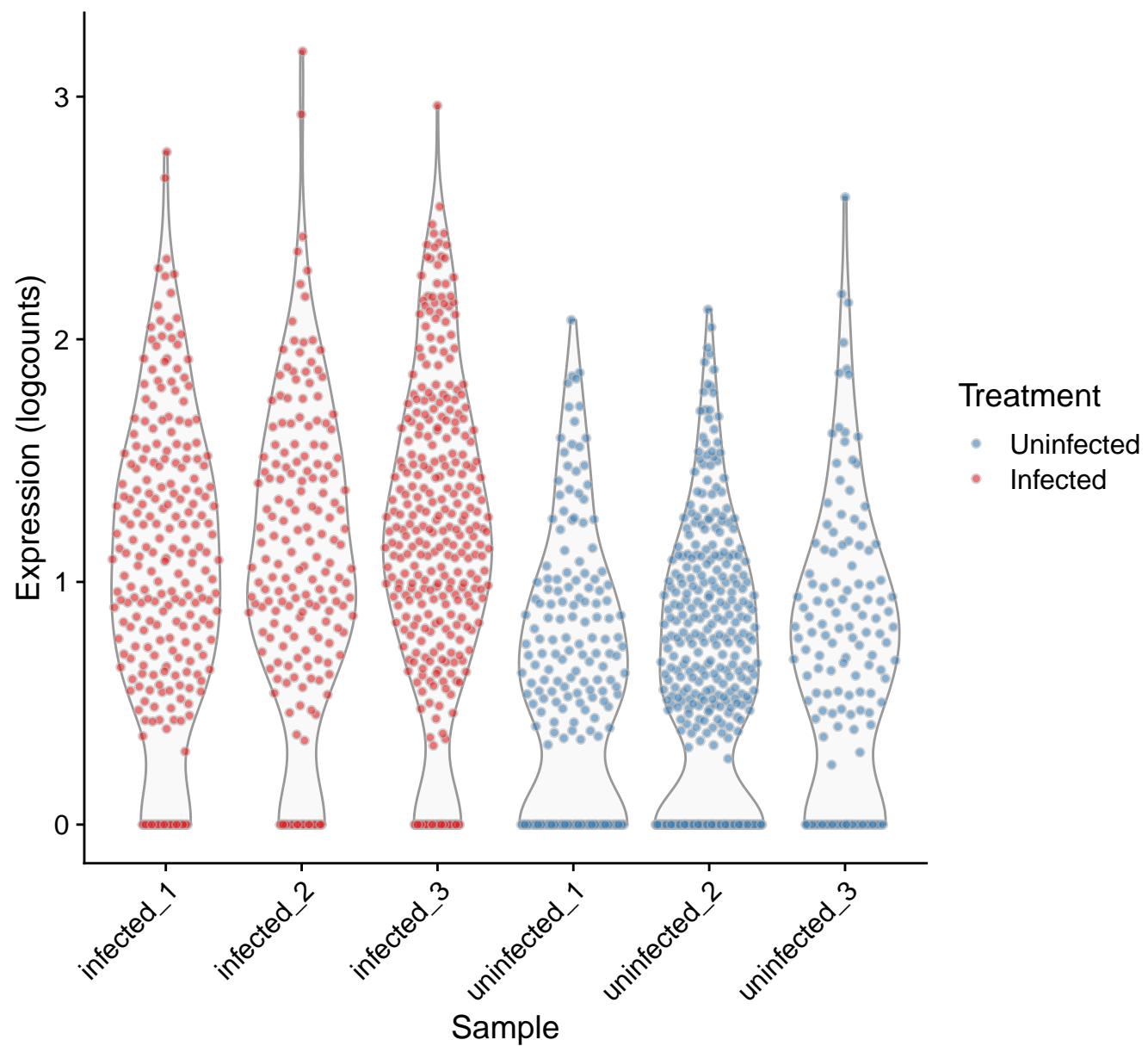
# MOXD1 (FDR = 1e-04)

cluster\_7



# NSMCE1 (FDR = 1e-04)

cluster\_7



# PLAC8 (FDR = 1e-04)

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

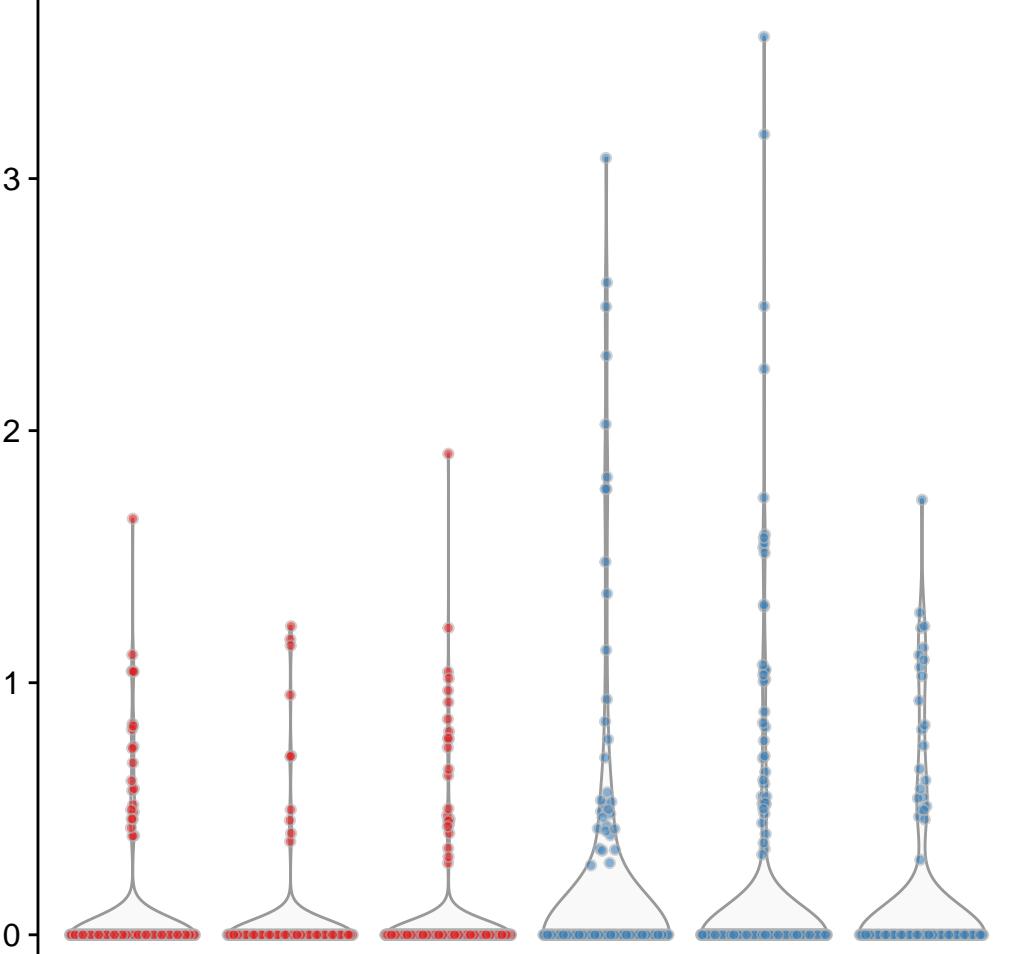
infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample



# CISH (FDR = 2e-04)

cluster\_7

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3

0

0.5

1

1.5

2

2.5

3

# BATF3 (FDR = 2e-04)

cluster\_7

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

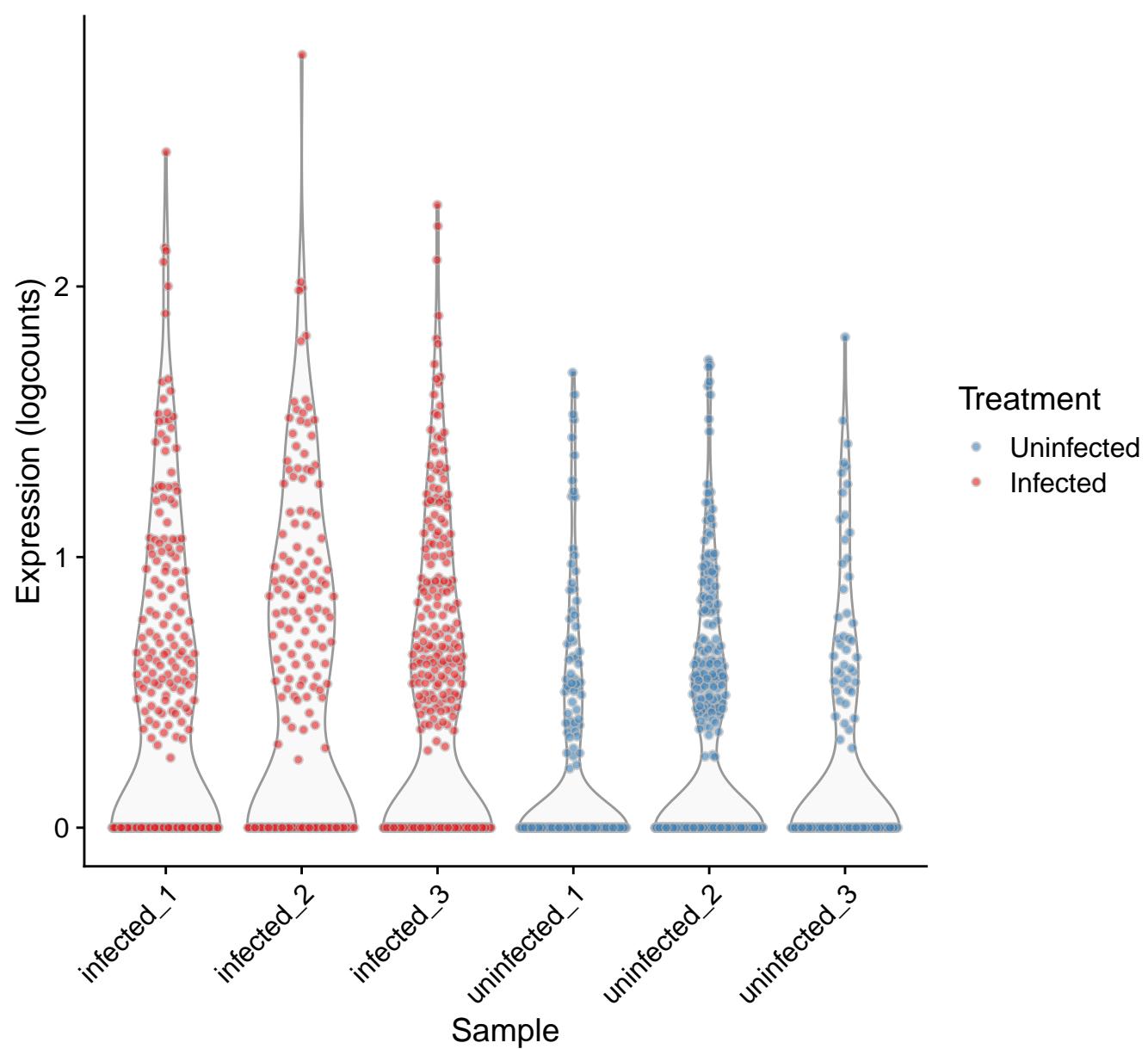
infected\_3

Sample



# CITED2 (FDR = 2e-04)

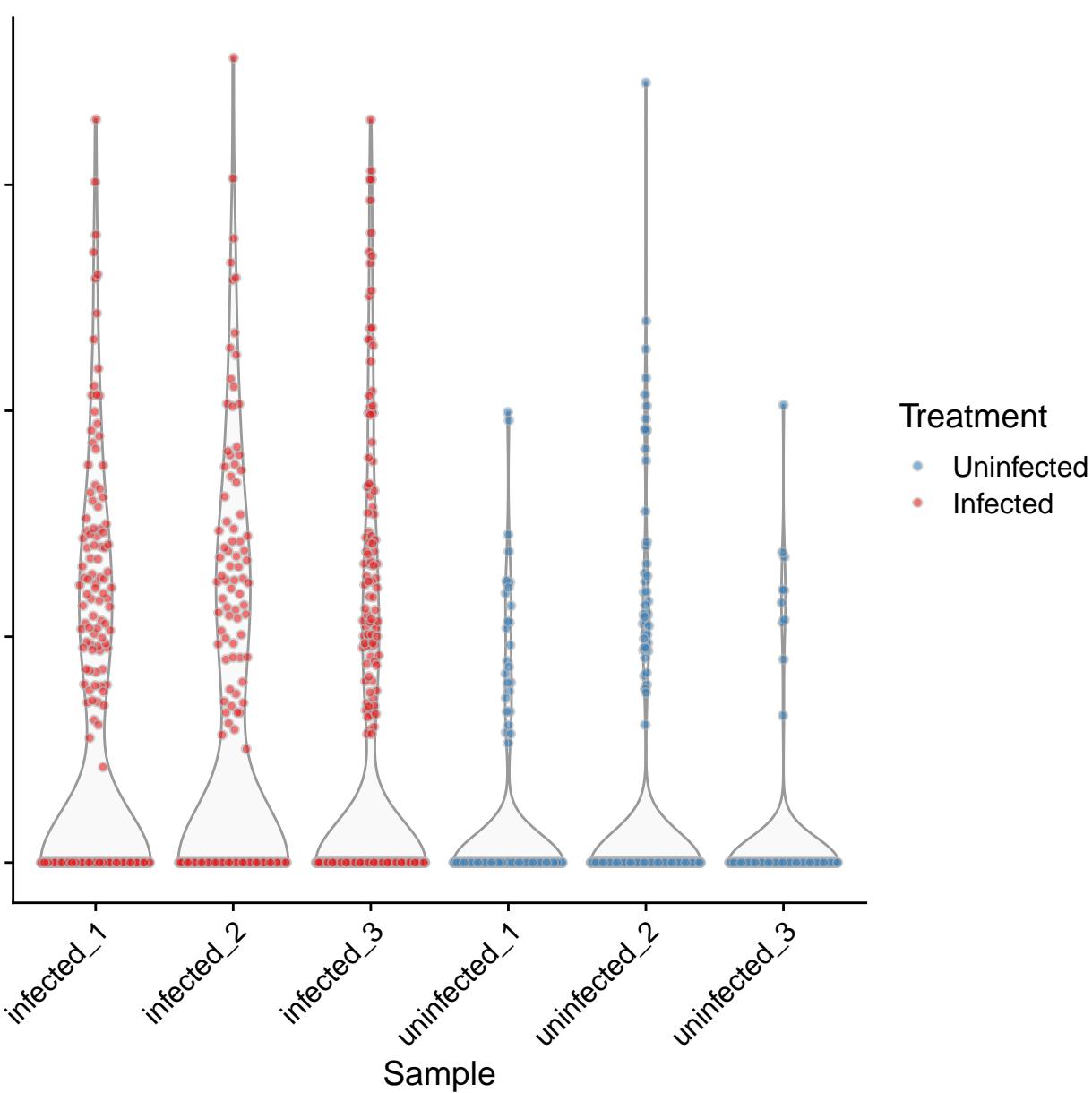
cluster\_7



# PTPRN2 (FDR = 3e-04)

cluster\_7

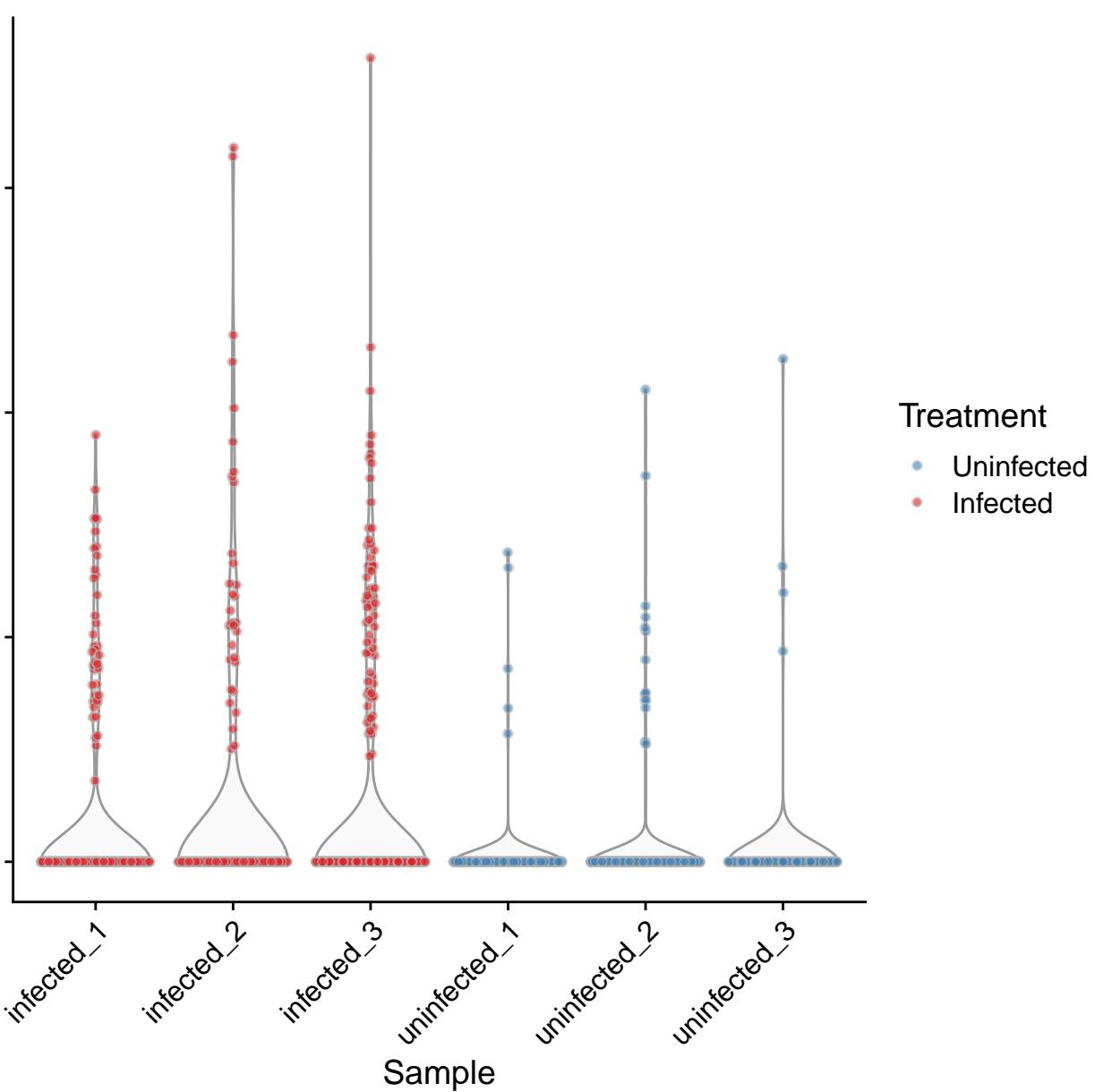
Expression (logcounts)



# CHN2 (FDR = 3e-04)

cluster\_7

Expression (logcounts)



# STN1 (FDR = 4e-04)

cluster\_7

Expression (logcounts)

2.0

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

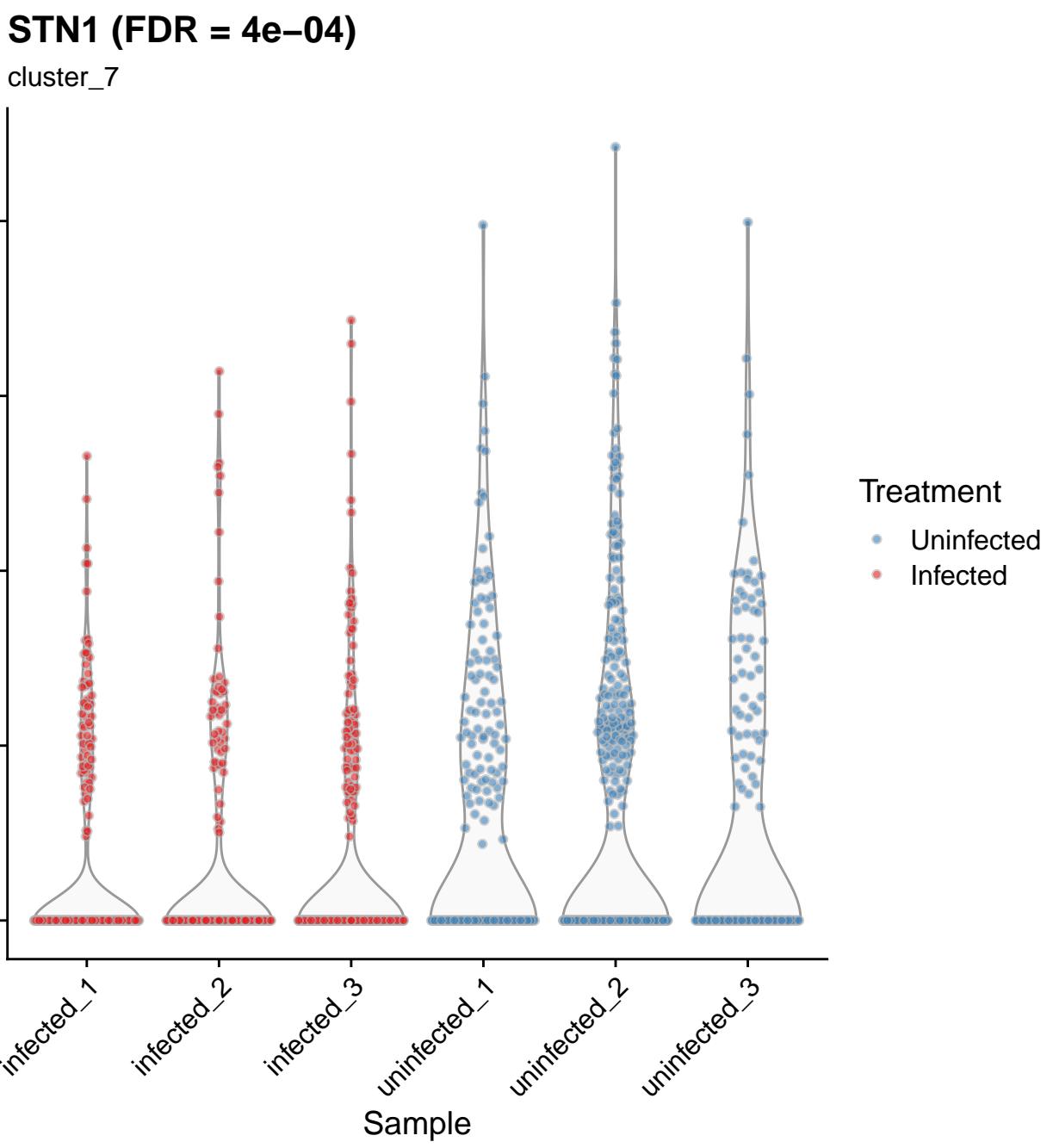
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# IFI6 (FDR = 4e-04)

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3

3

2

1

0

# CCDC88A (FDR = 4e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

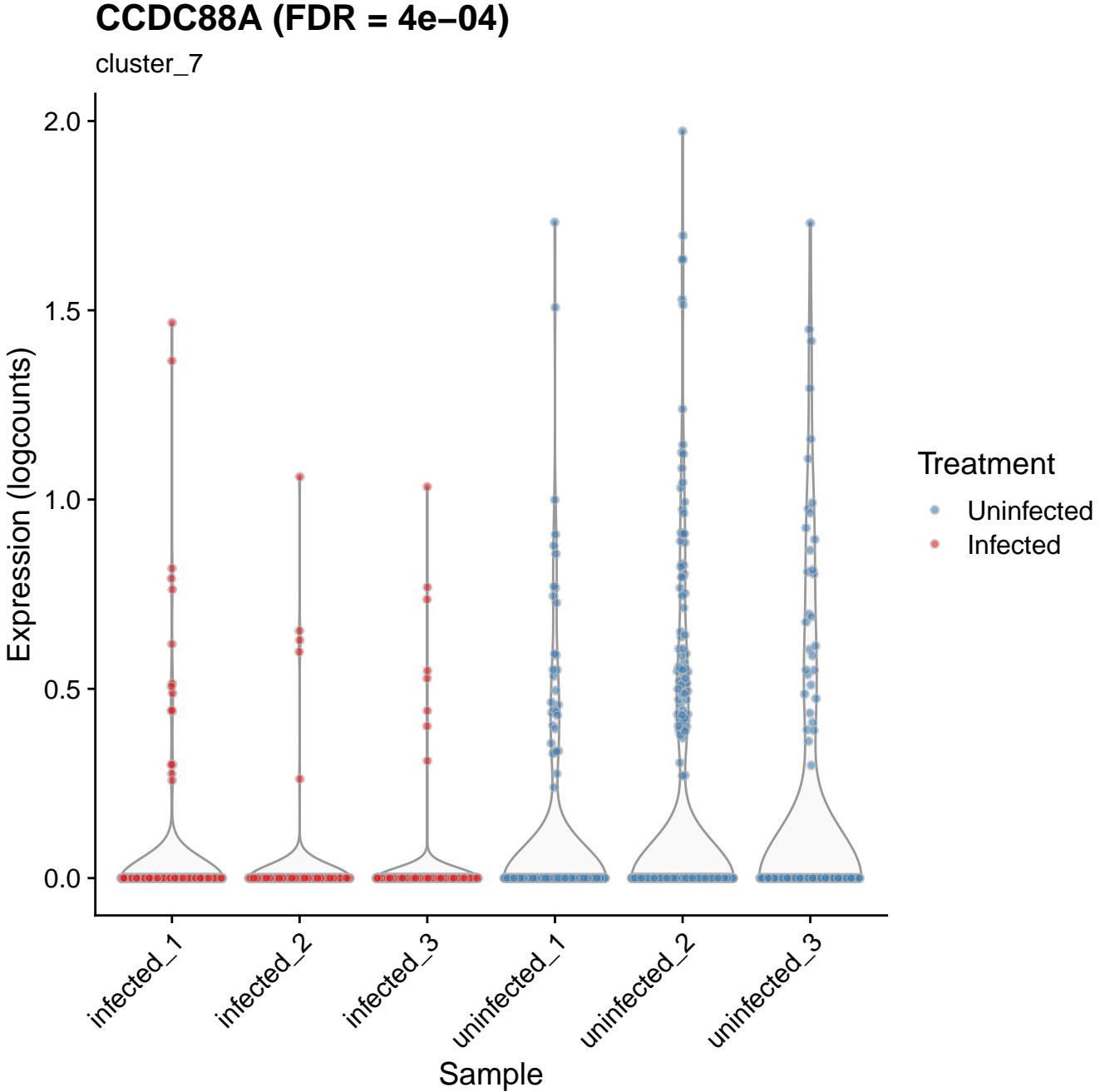
infected\_3

Sample

uninfected\_1

uninfected\_2

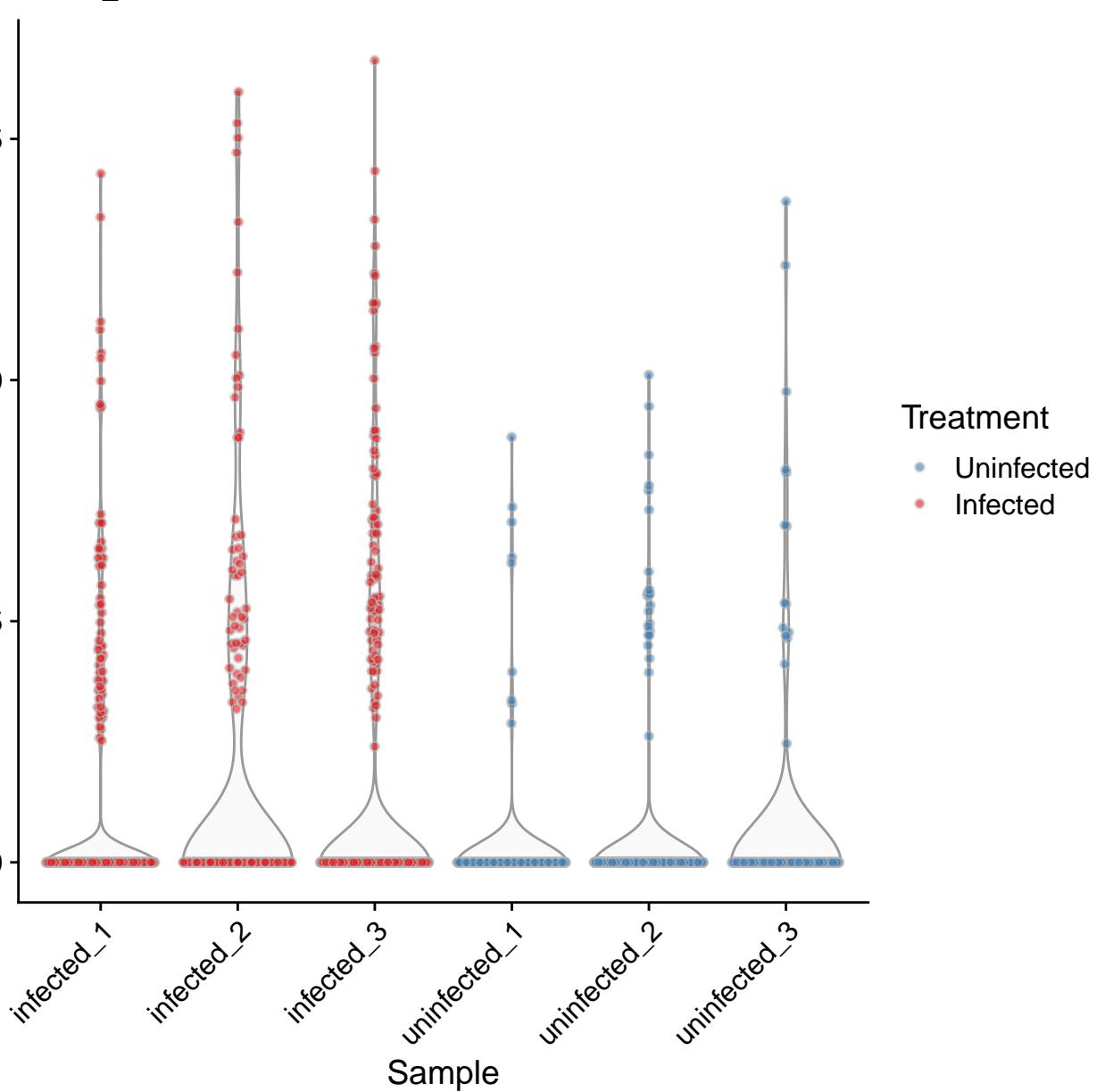
uninfected\_3



# TIAM2 (FDR = 4e-04)

cluster\_7

Expression (logcounts)



# GLB1L3 (FDR = 4e-04)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

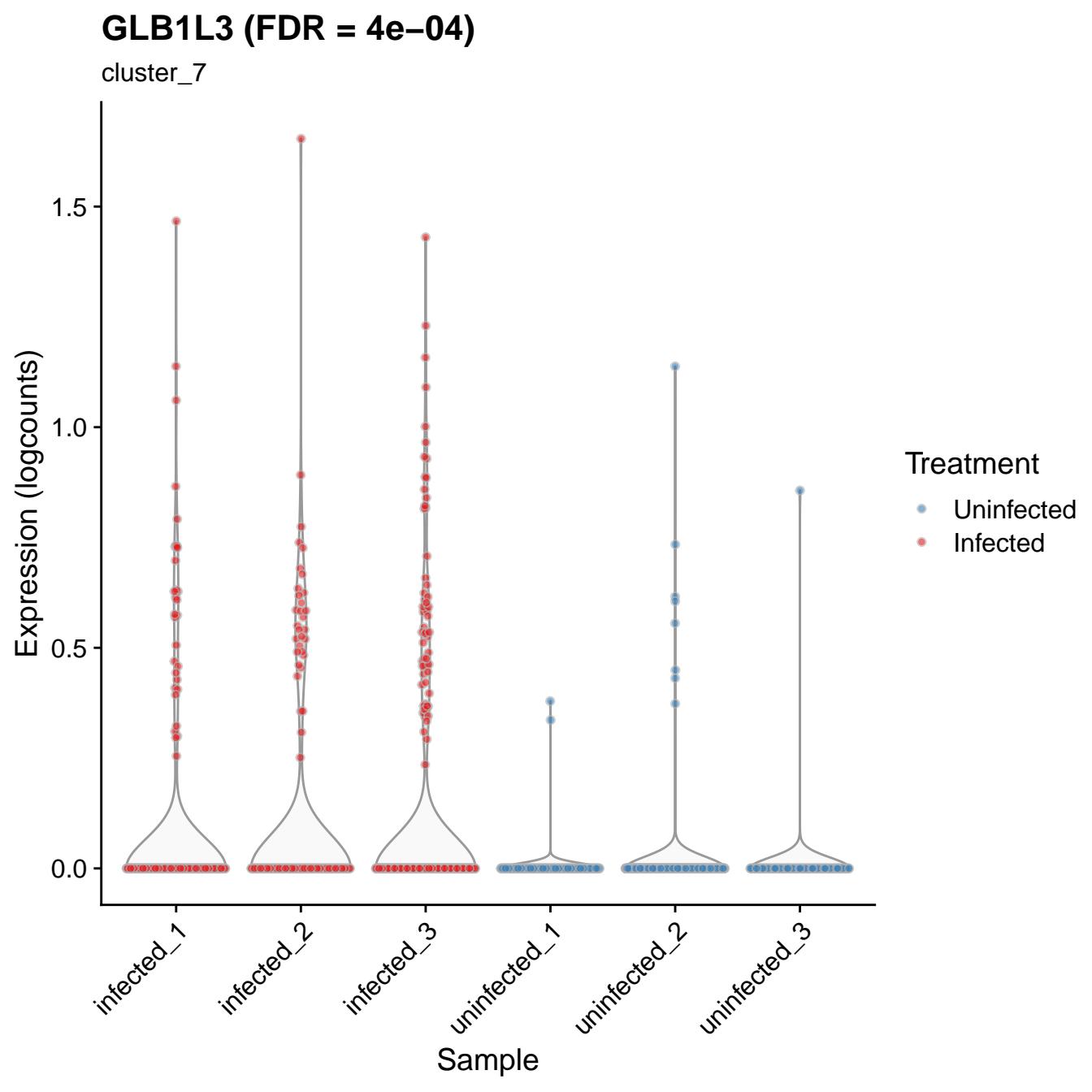
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# HDGFL3 (FDR = 4e-04)

cluster\_7

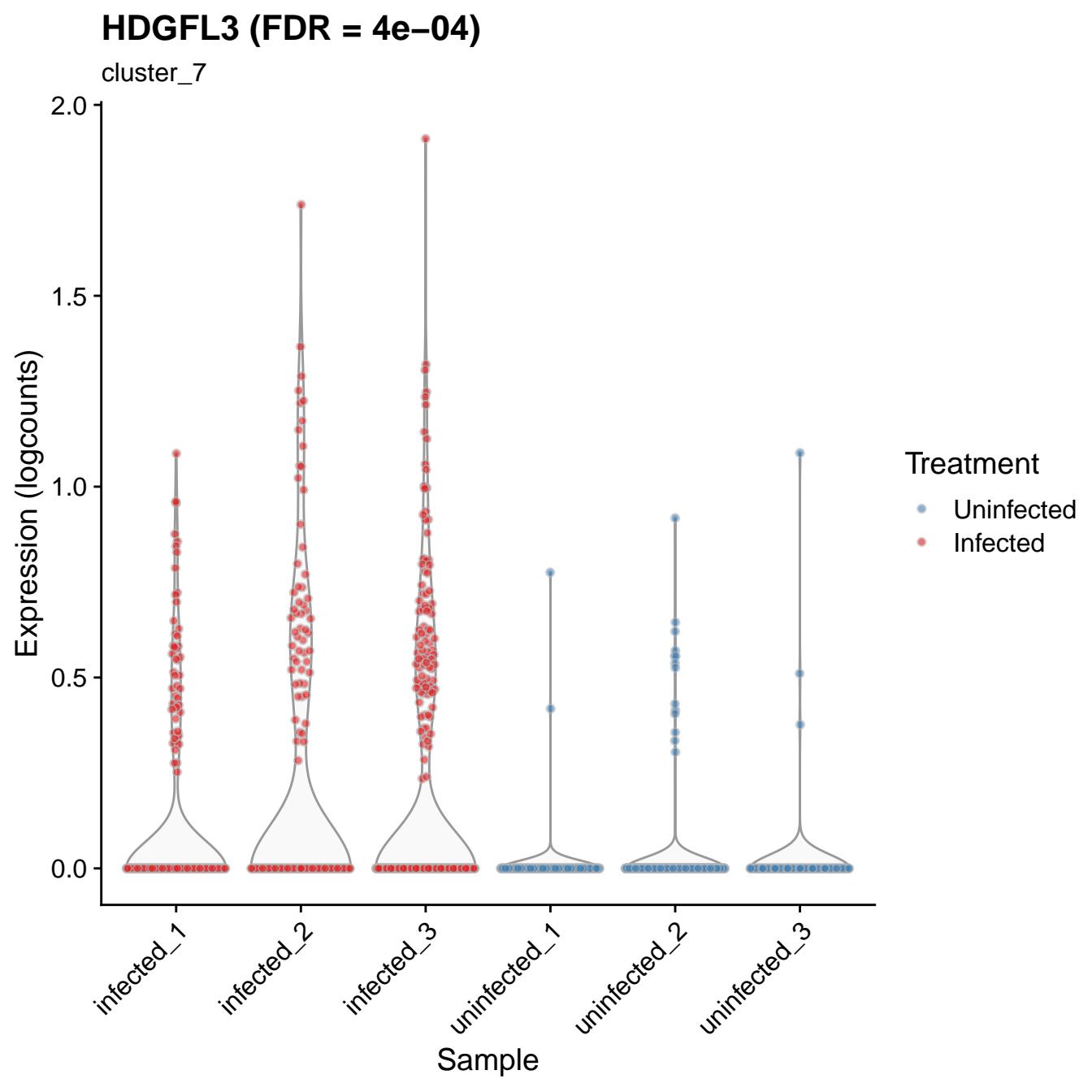
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

Sample

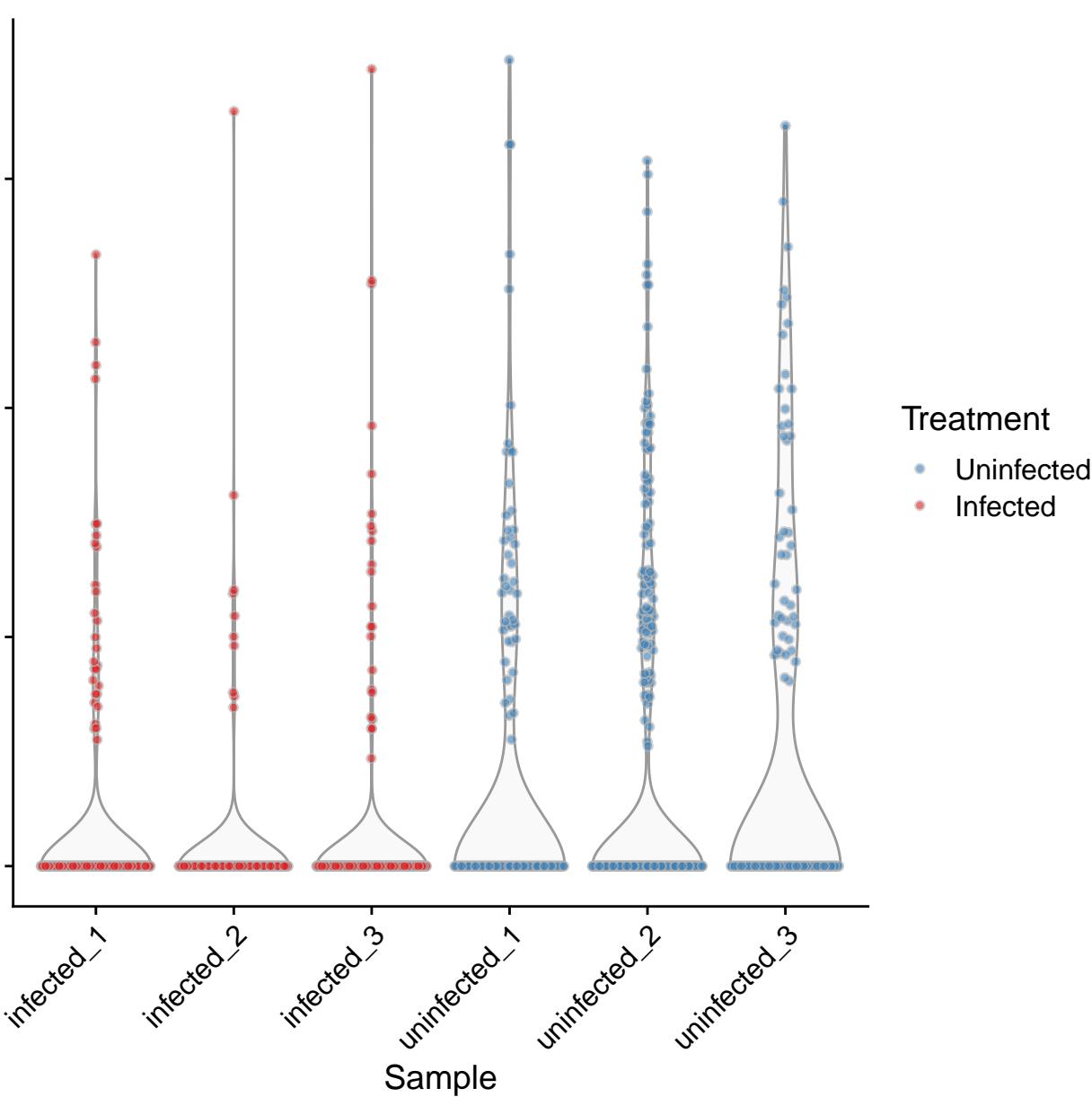
Treatment  
Uninfected  
Infected



# TRABD2A (FDR = 4e-04)

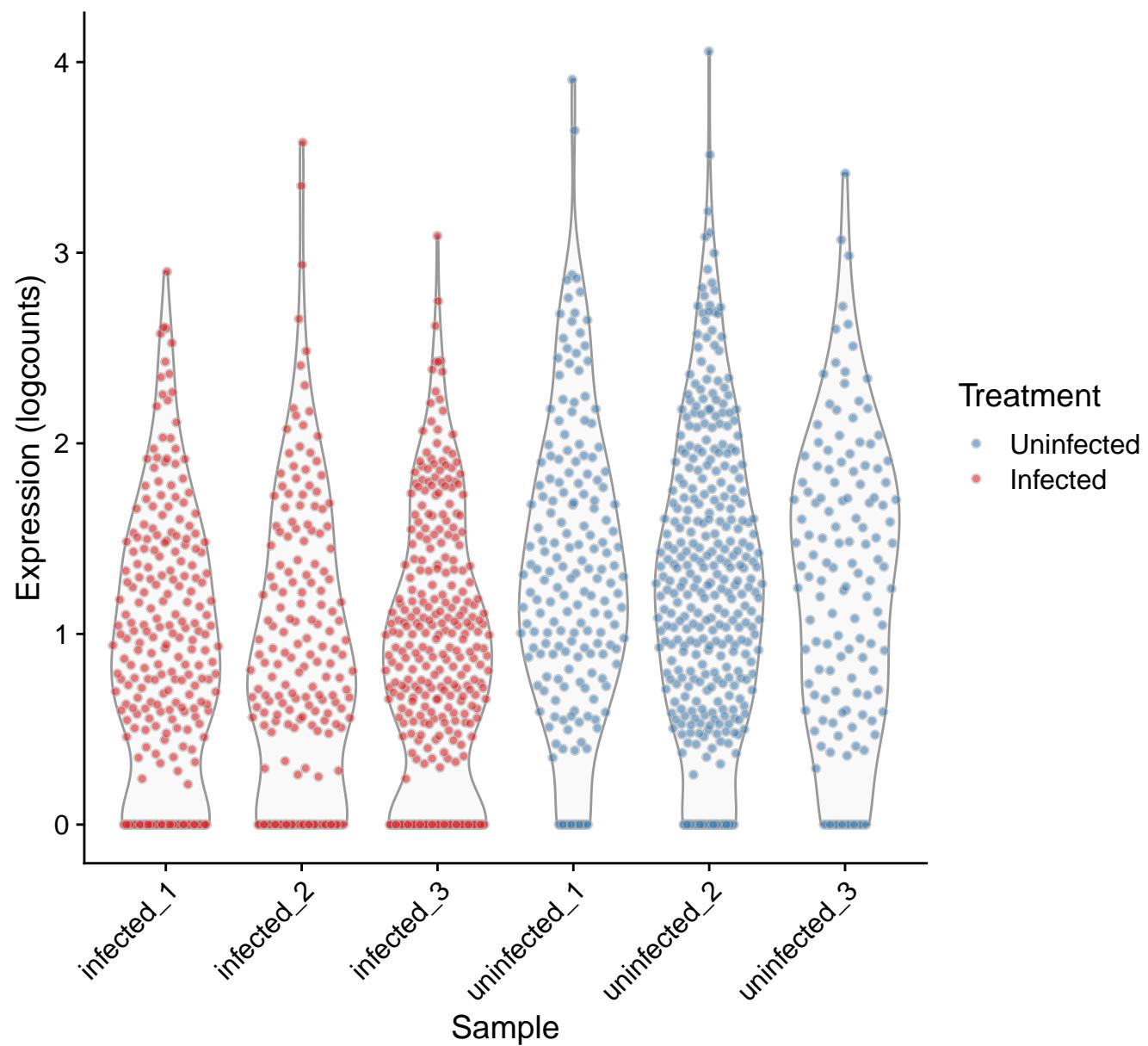
cluster\_7

Expression (logcounts)



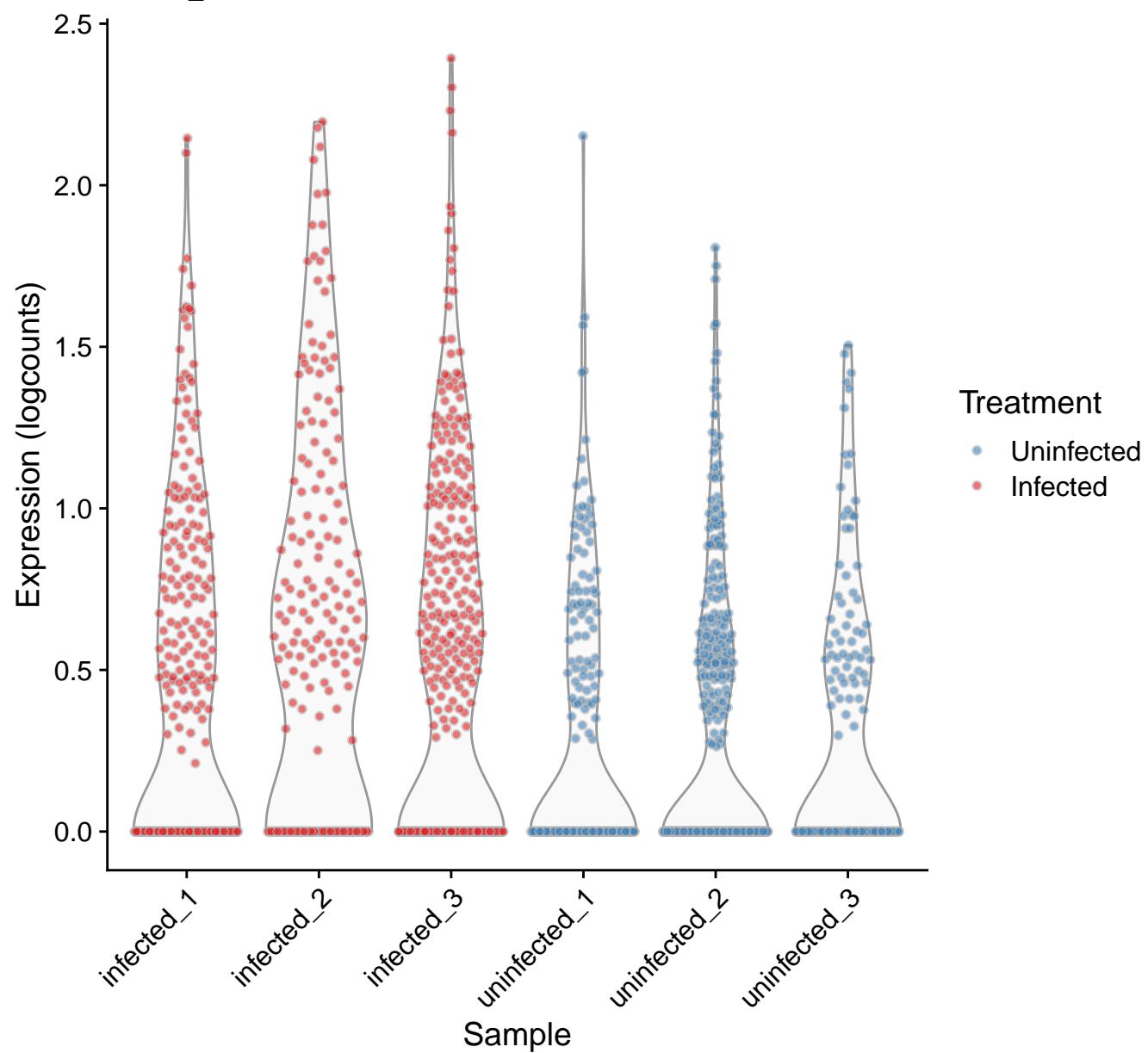
# ZFP36L1 (FDR = 4e-04)

cluster\_7



# TPST2 (FDR = 4e-04)

cluster\_7



# CD74 (FDR = 5e-04)

cluster\_7

Expression (logcounts)

6

4

2

0

infected\_1

infected\_2

infected\_3

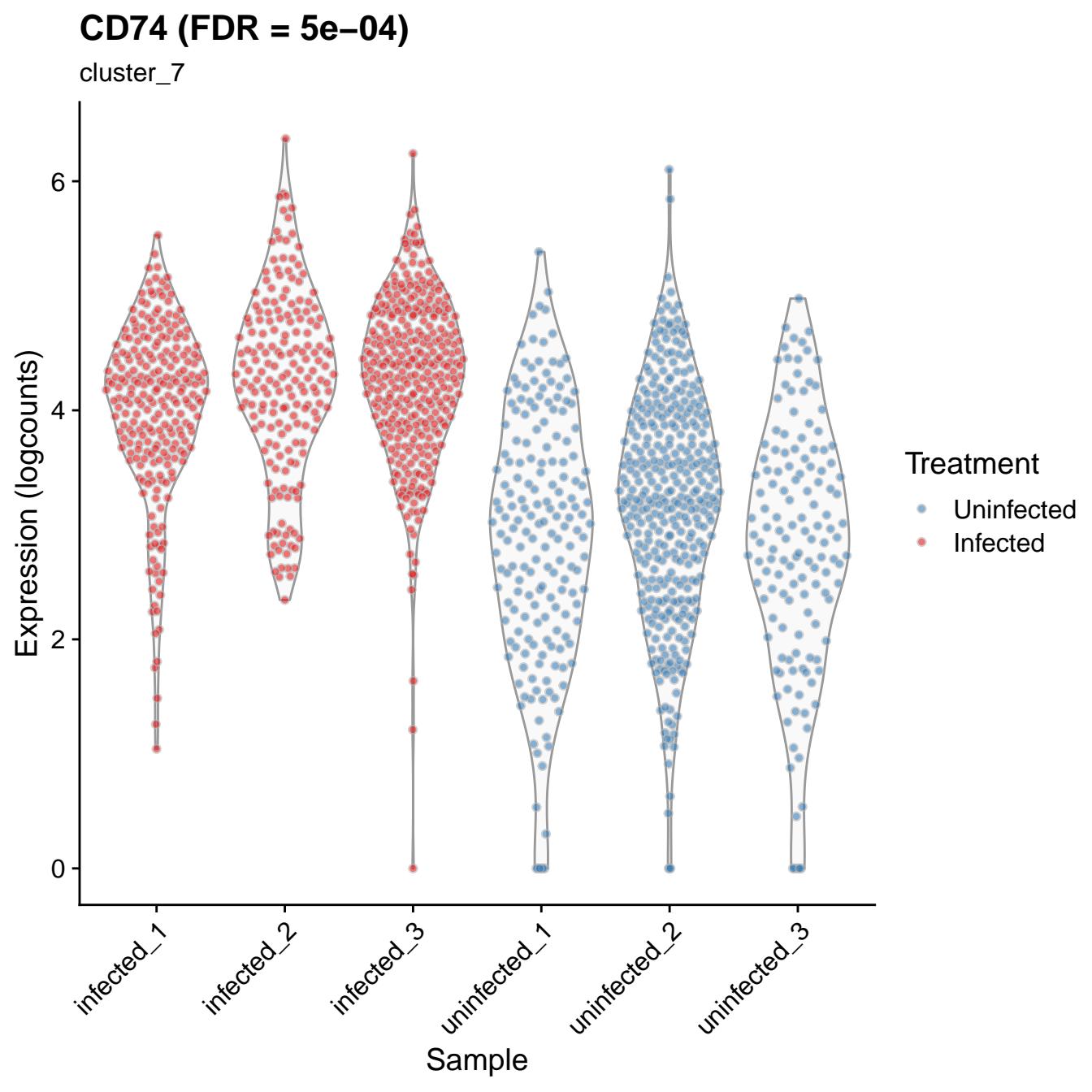
Sample

uninfected\_1  
uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# AC090152.1 (FDR = 5e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

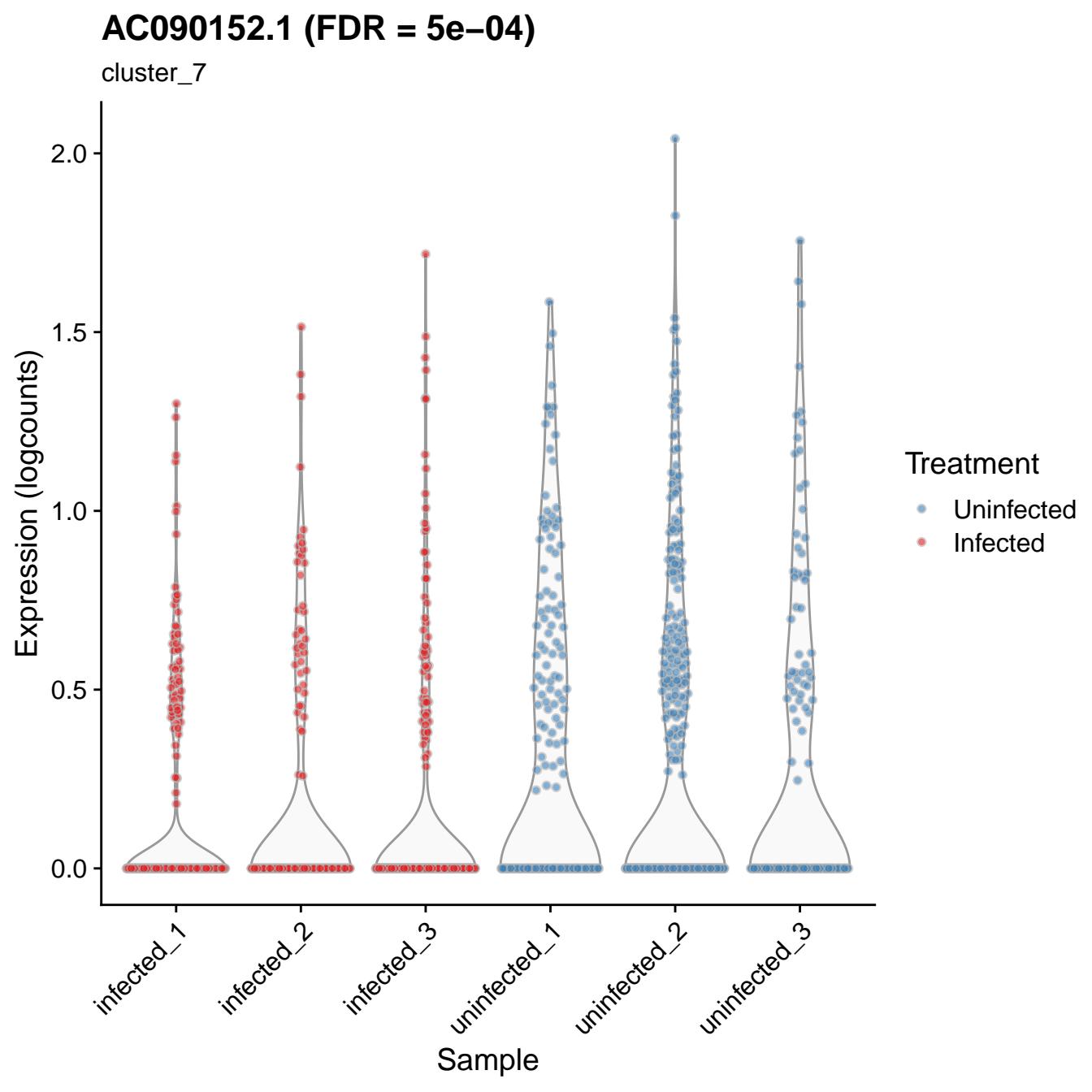
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CD99 (FDR = 6e-04)

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

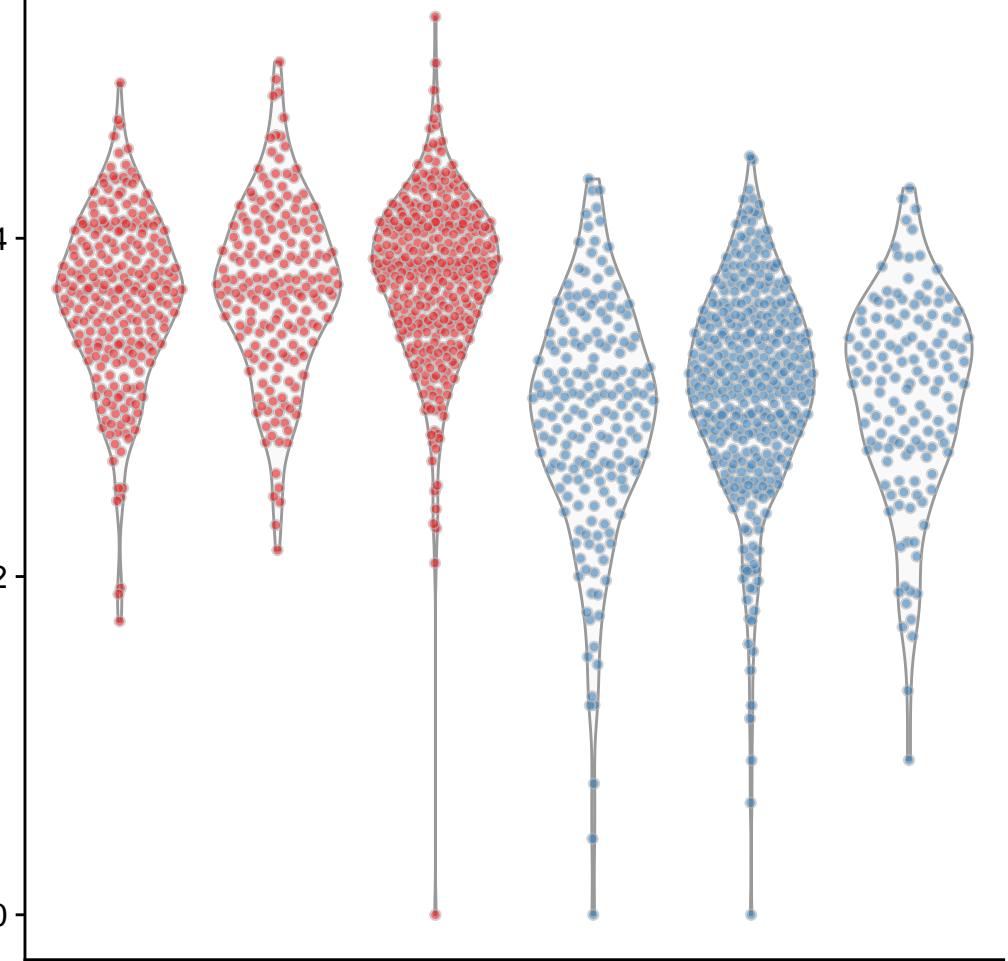
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# IL4R (FDR = 6e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

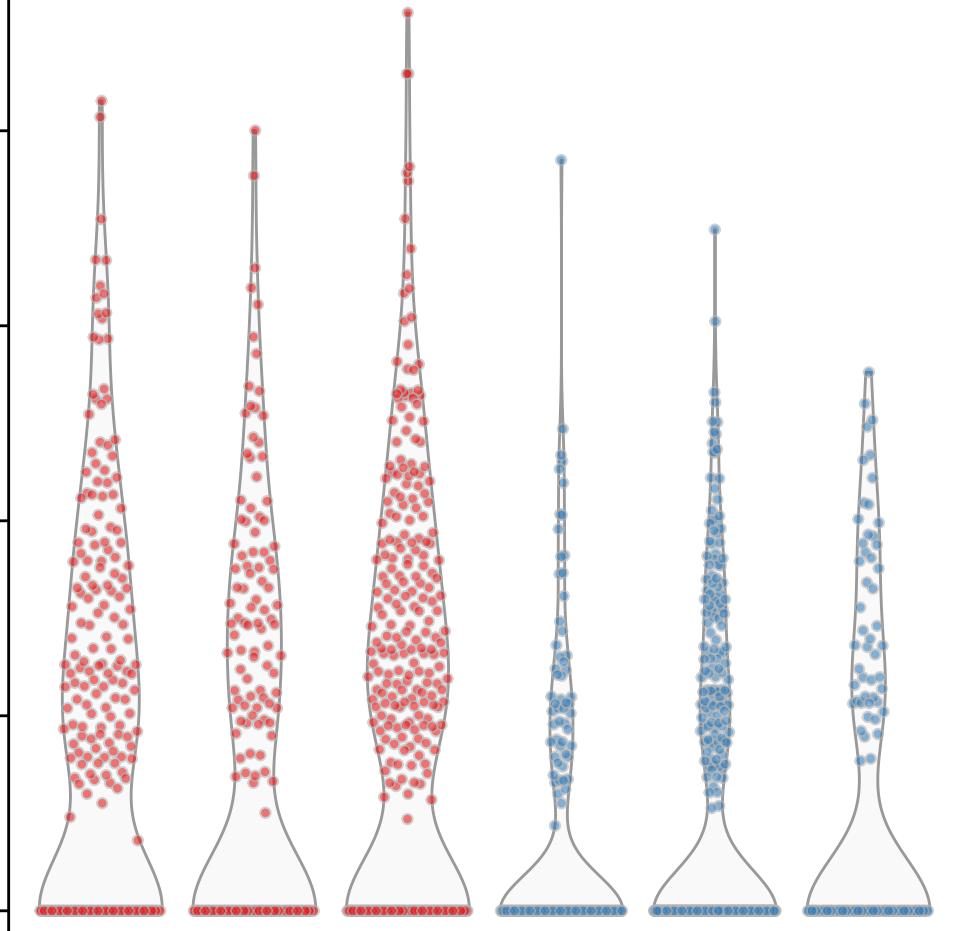
infected\_3

Sample

uninfected\_1

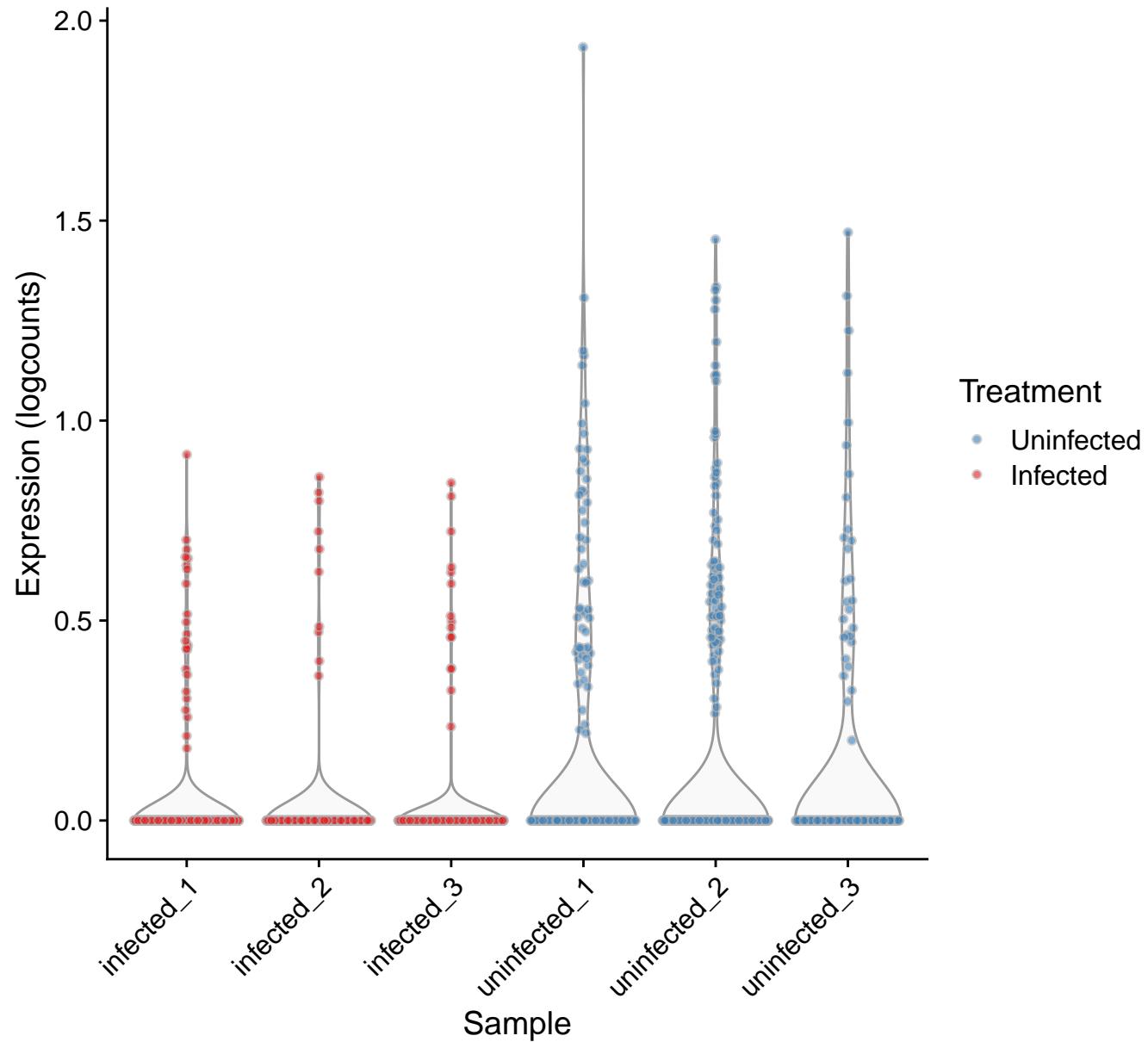
uninfected\_2

uninfected\_3



# NDFIP2 (FDR = 6e-04)

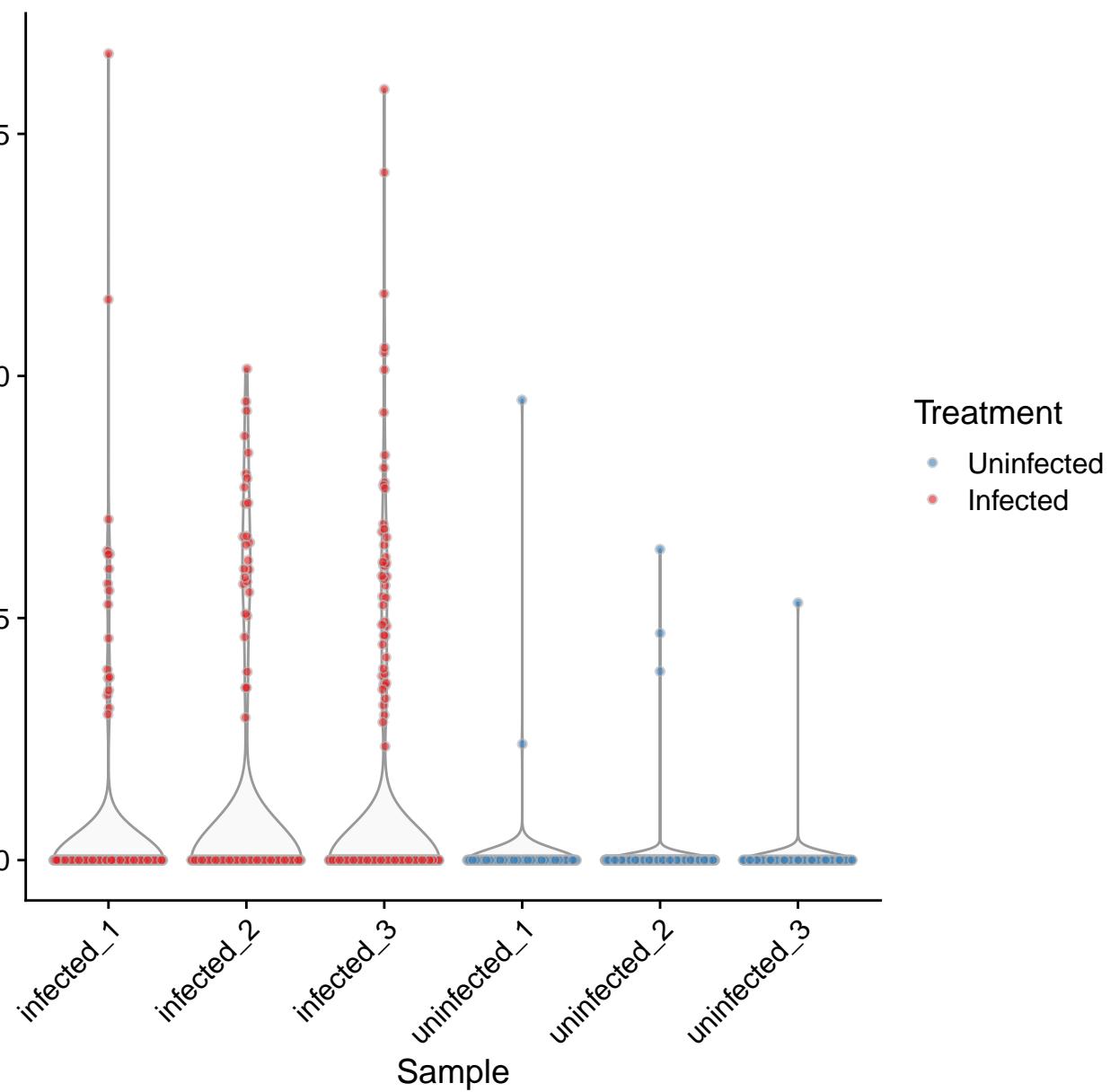
cluster\_7



# DST (FDR = 6e-04)

cluster\_7

Expression (logcounts)



# THEM4 (FDR = 7e-04)

cluster\_7

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample



# TOX (FDR = 7e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

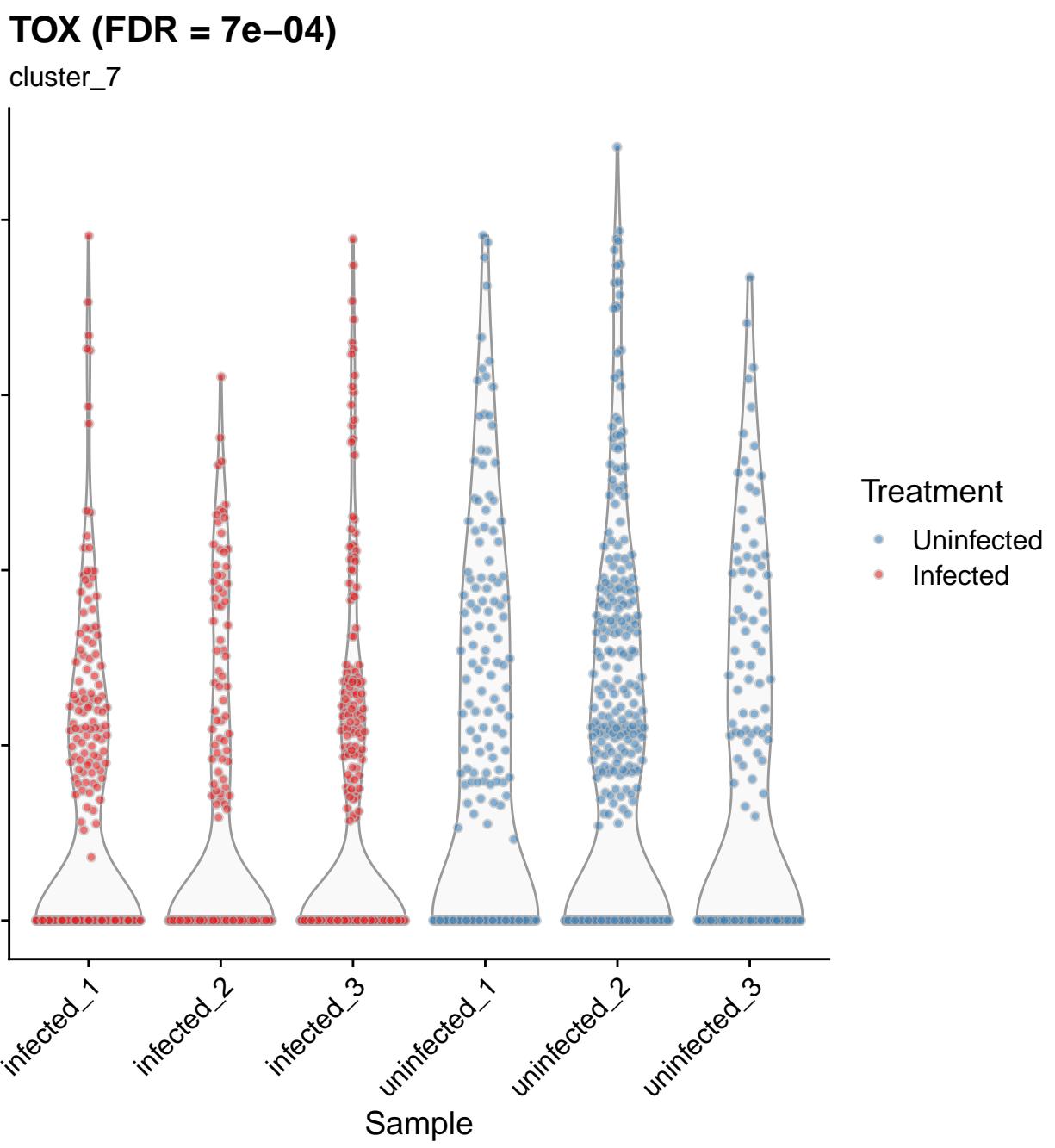
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# PARVG (FDR = 7e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

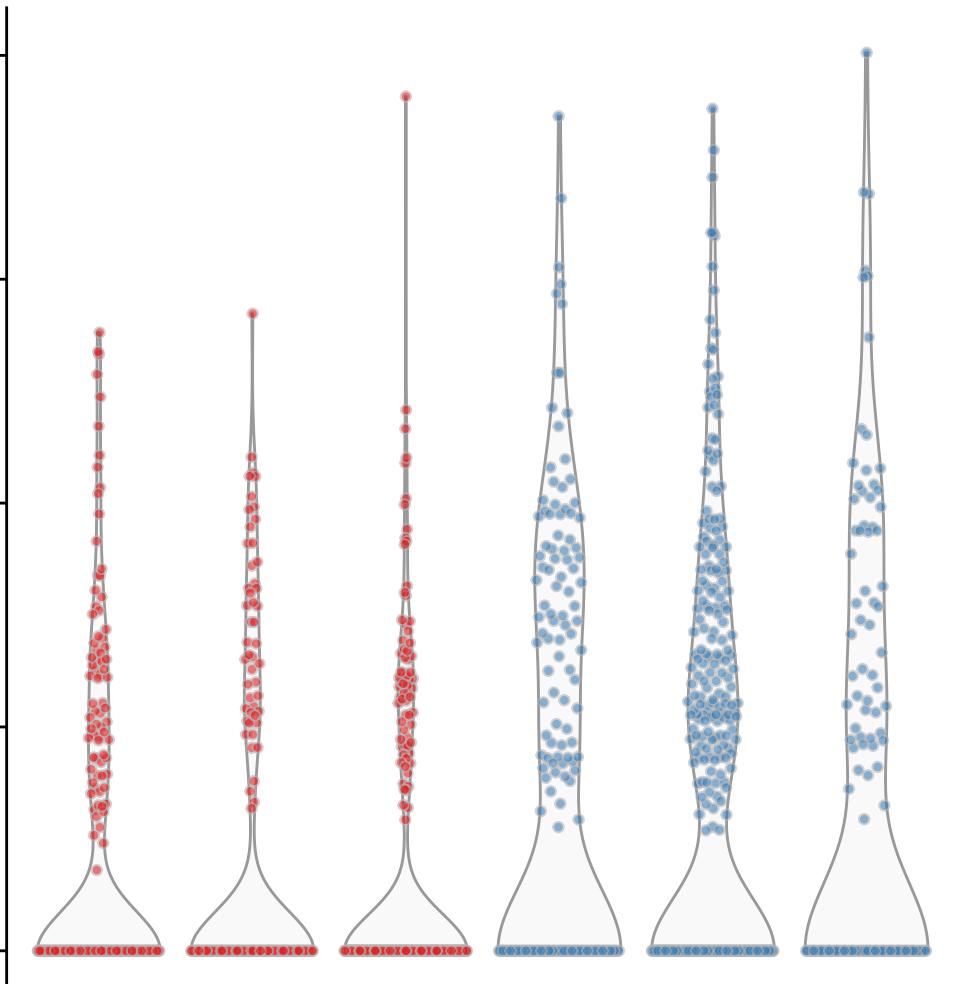
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CADM1 (FDR = 7e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

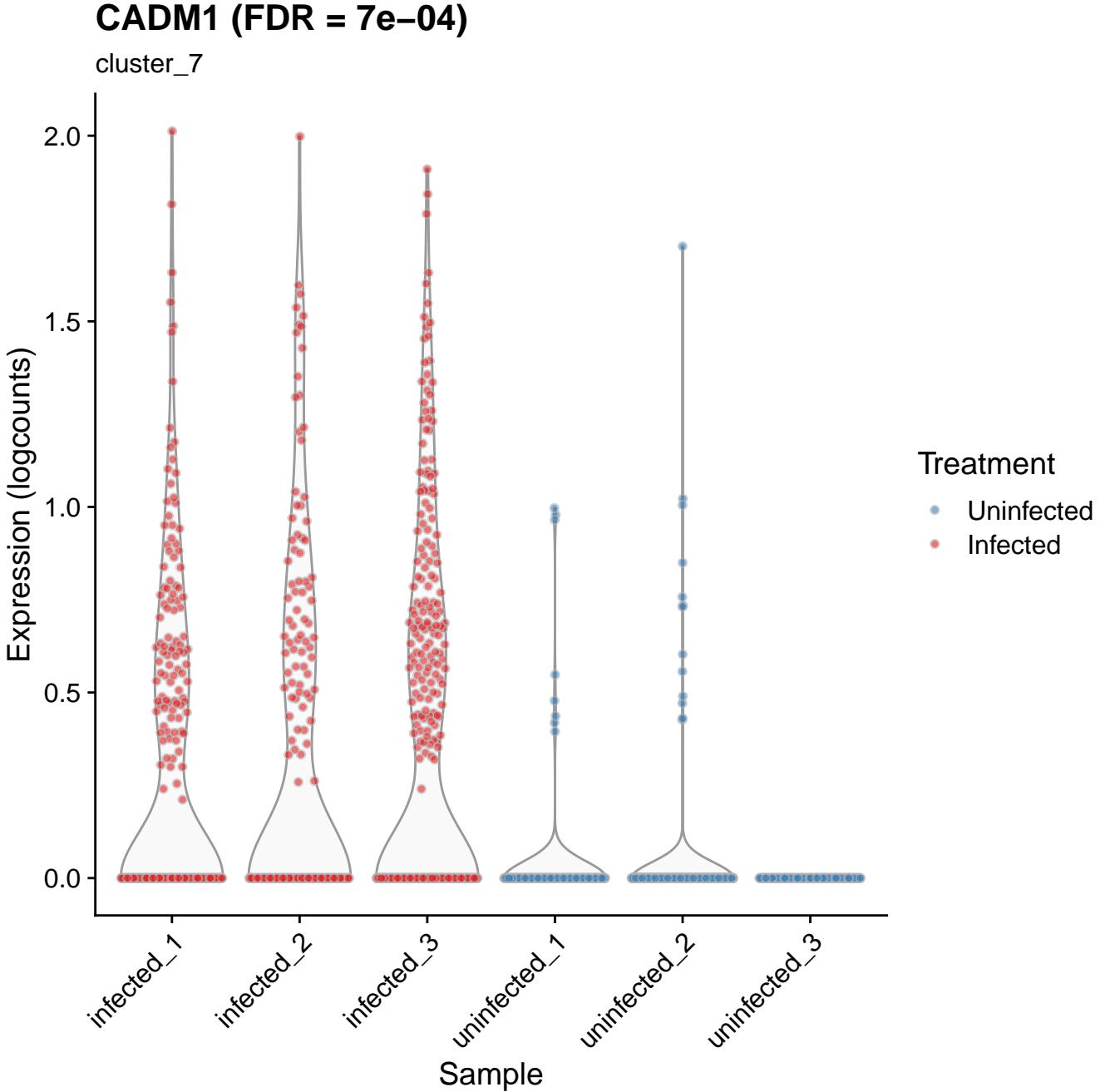
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# EEP1 (FDR = 8e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

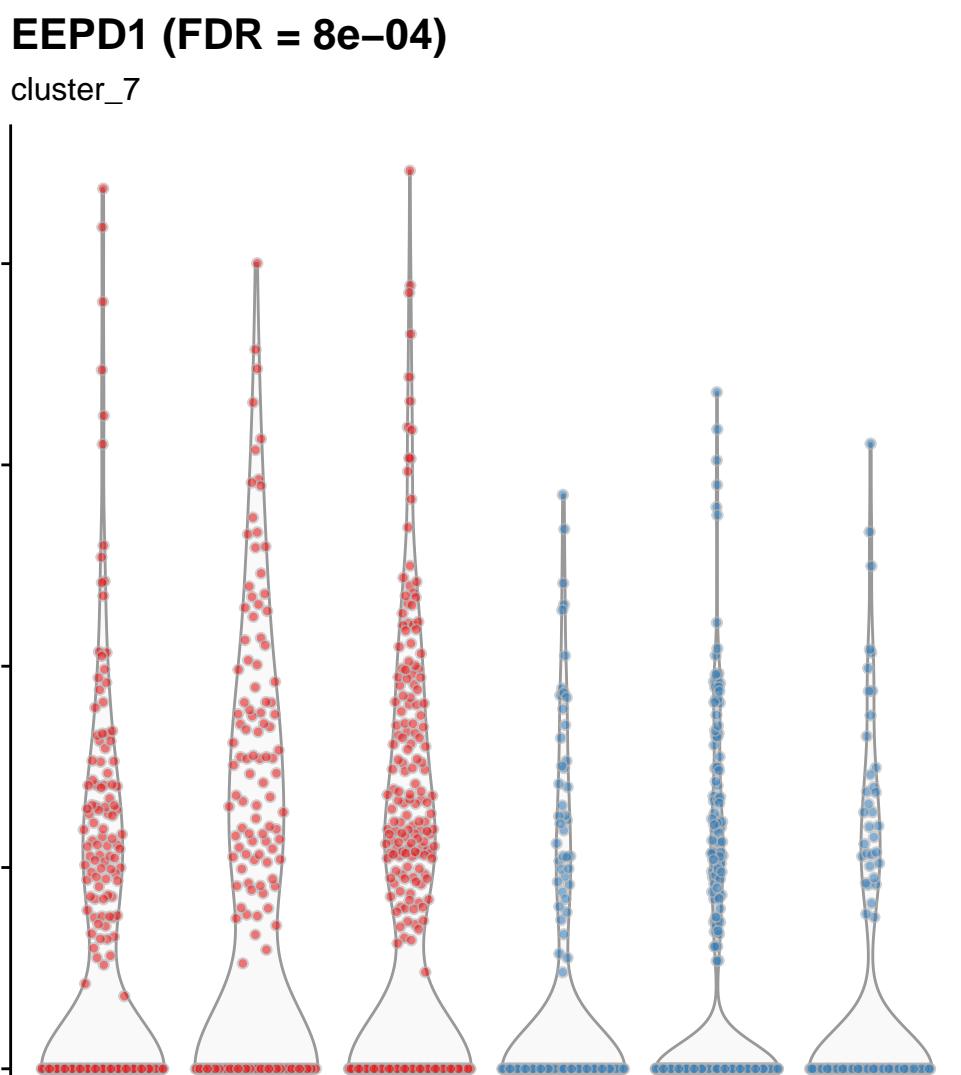
infected\_3

Sample

uninfected\_1

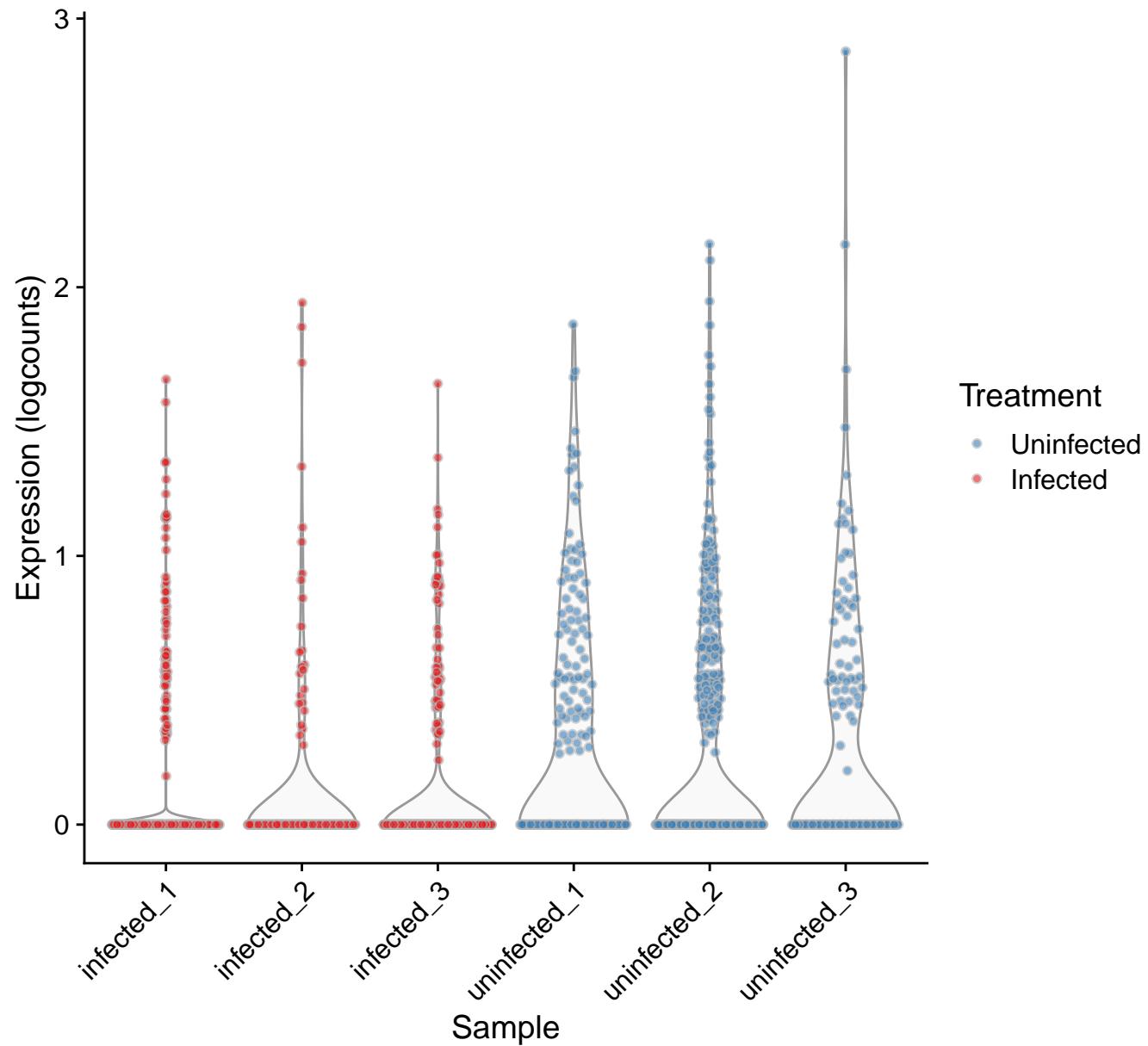
uninfected\_2

uninfected\_3



# F5 (FDR = 8e-04)

cluster\_7



# NME7 (FDR = 8e-04)

cluster\_7

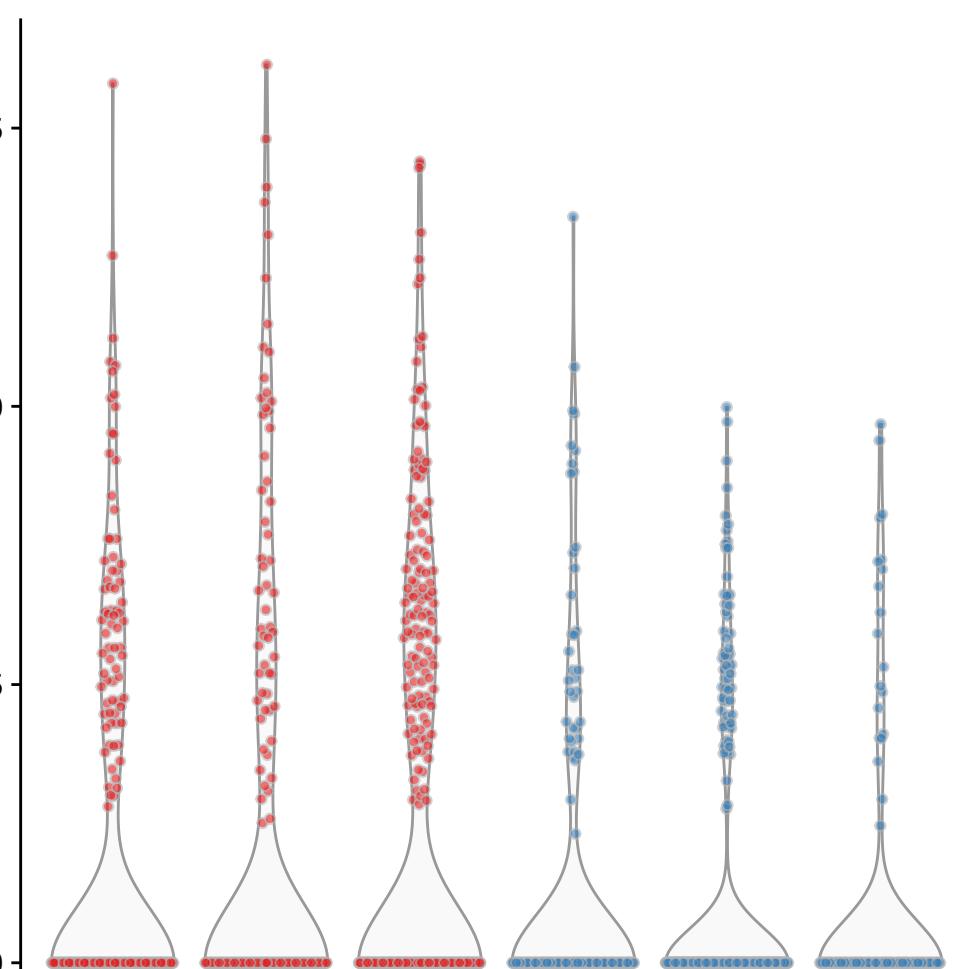
Expression (logcounts)

1.5

1.0

0.5

0.0



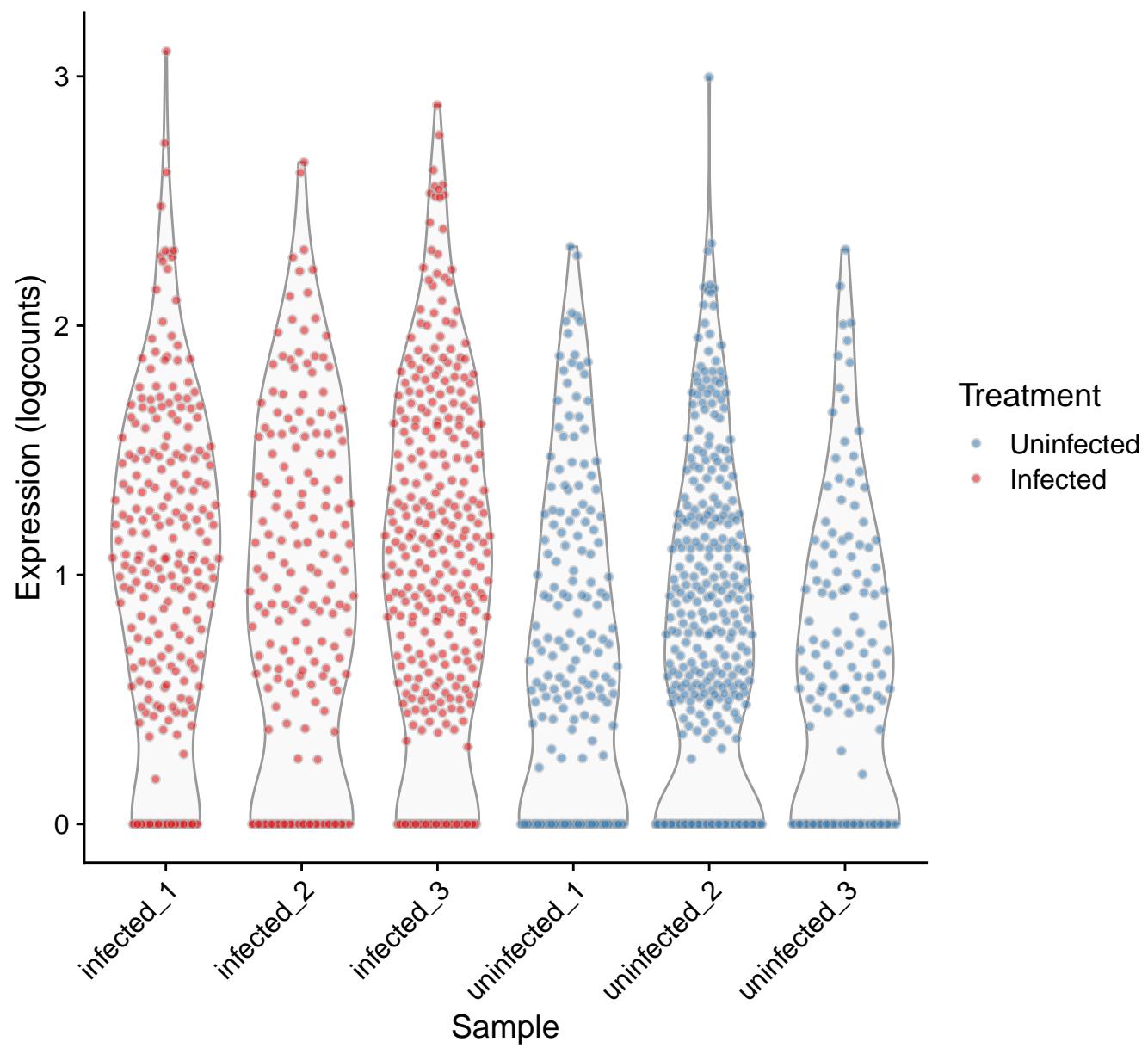
Treatment

- Uninfected
- Infected

Sample

# VSIR (FDR = 8e-04)

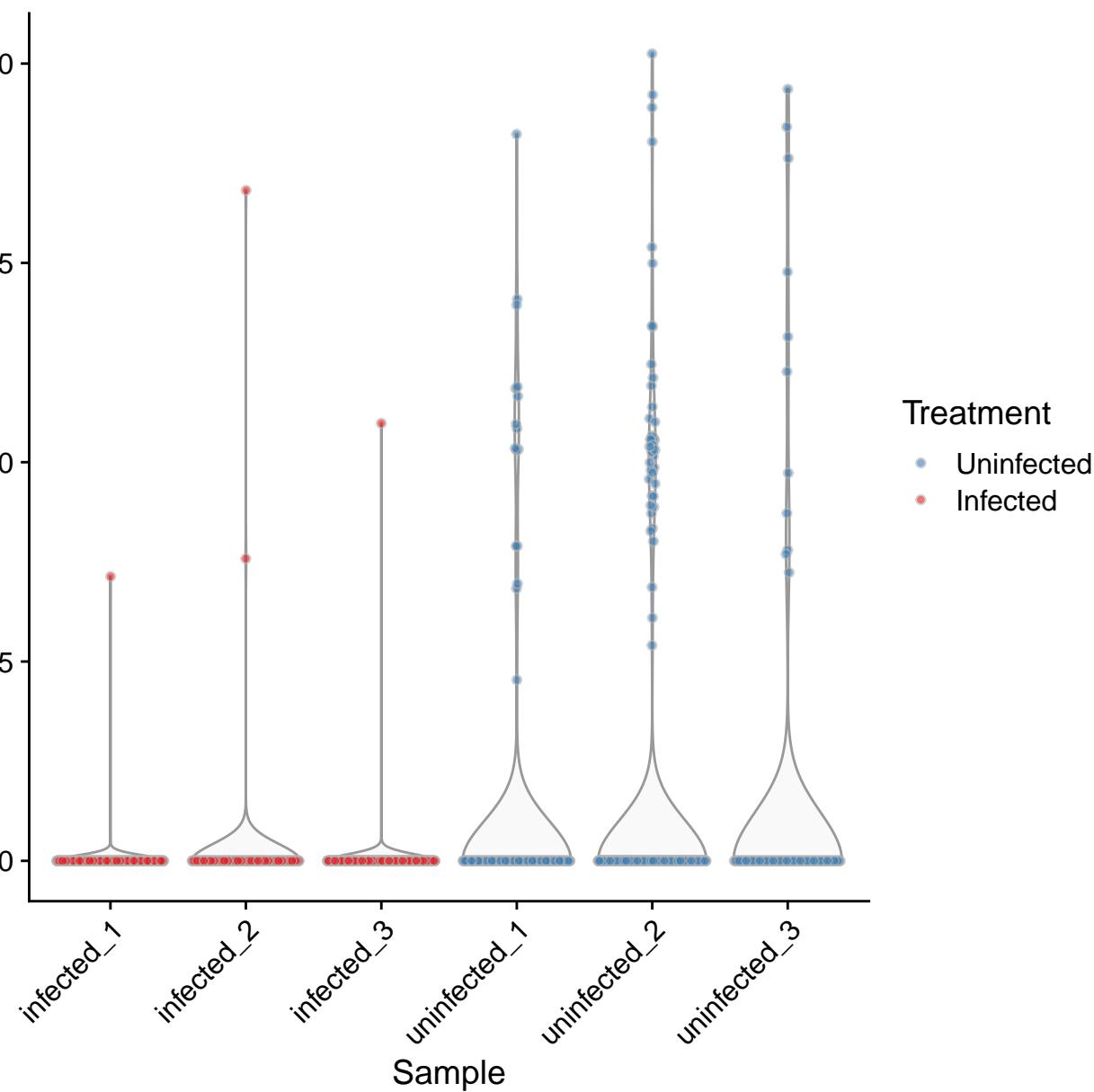
cluster\_7



# FNBP1L (FDR = 8e-04)

cluster\_7

Expression (logcounts)



# IFI44 (FDR = 8e-04)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

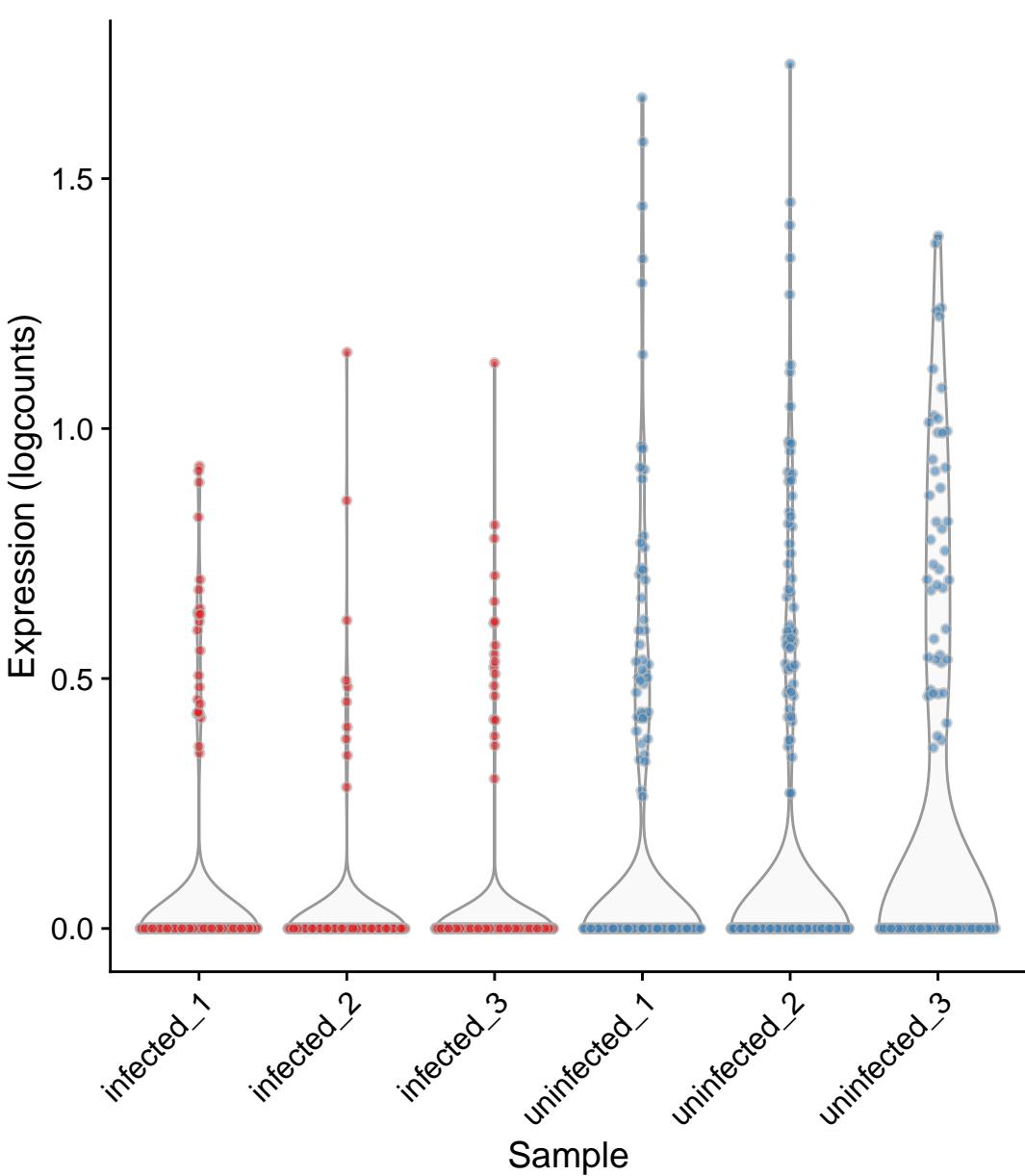
infected\_3

Sample

uninfected\_1

uninfected\_2

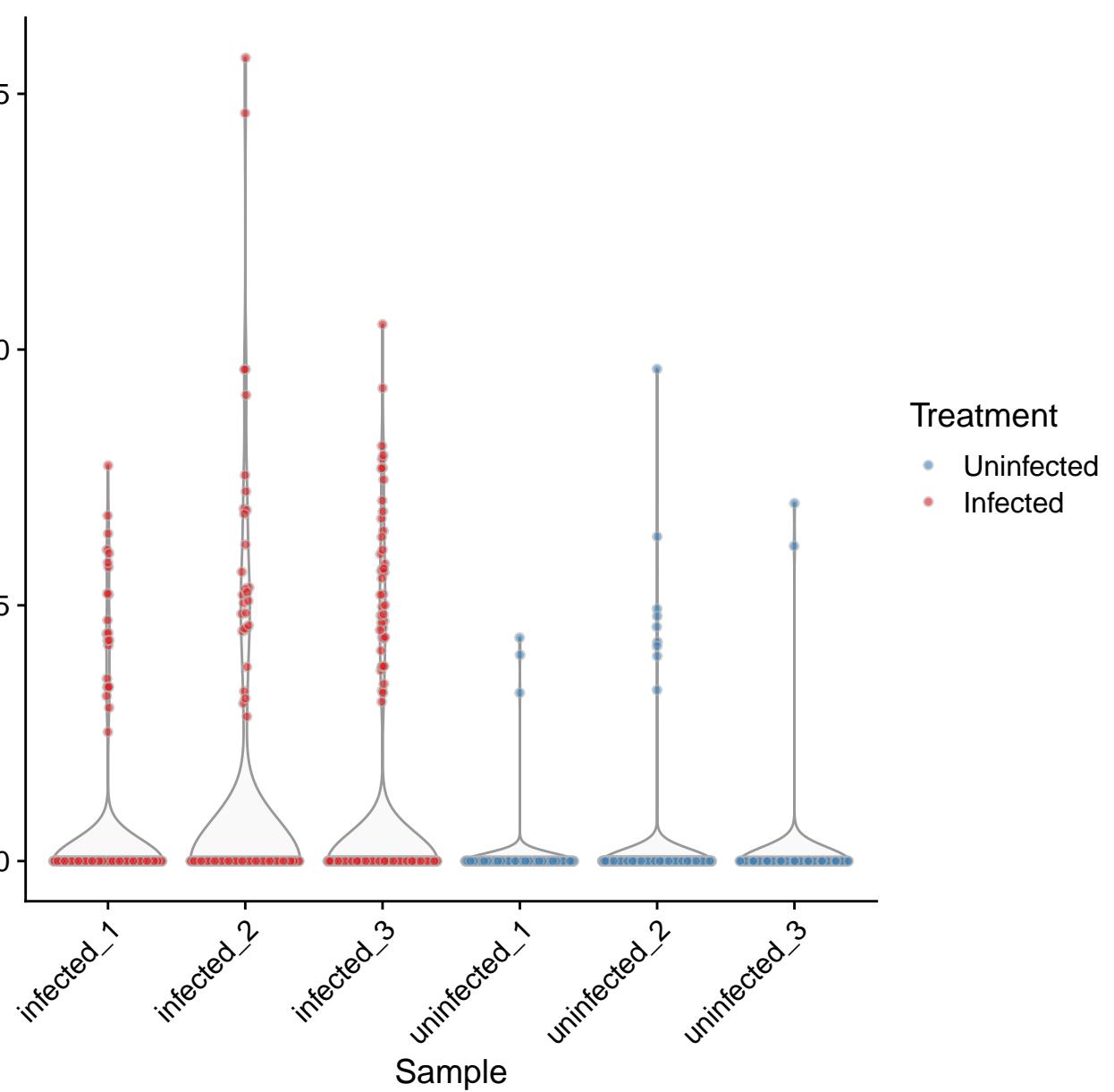
uninfected\_3



# SH3RF2 (FDR = 9e-04)

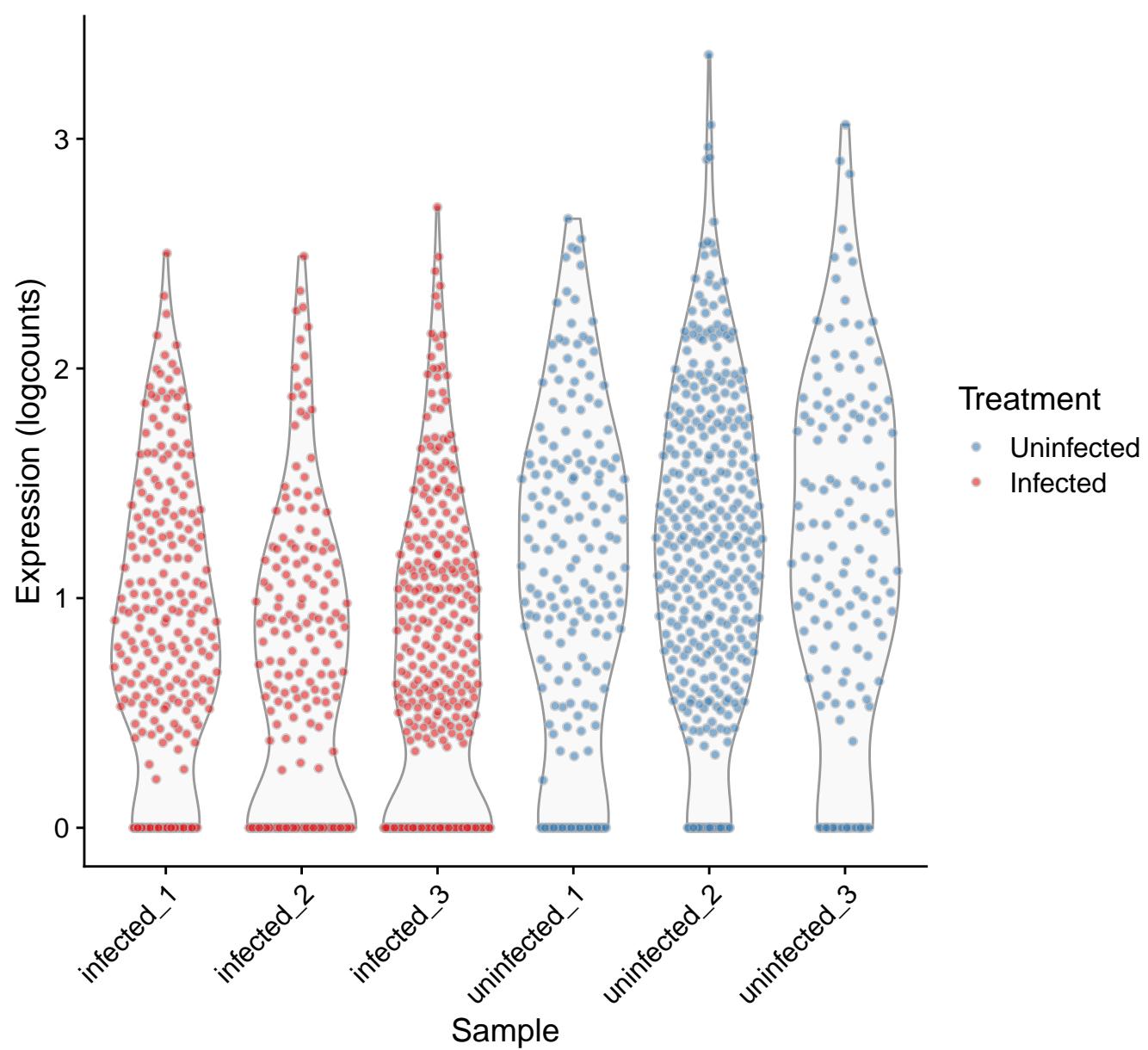
cluster\_7

Expression (logcounts)



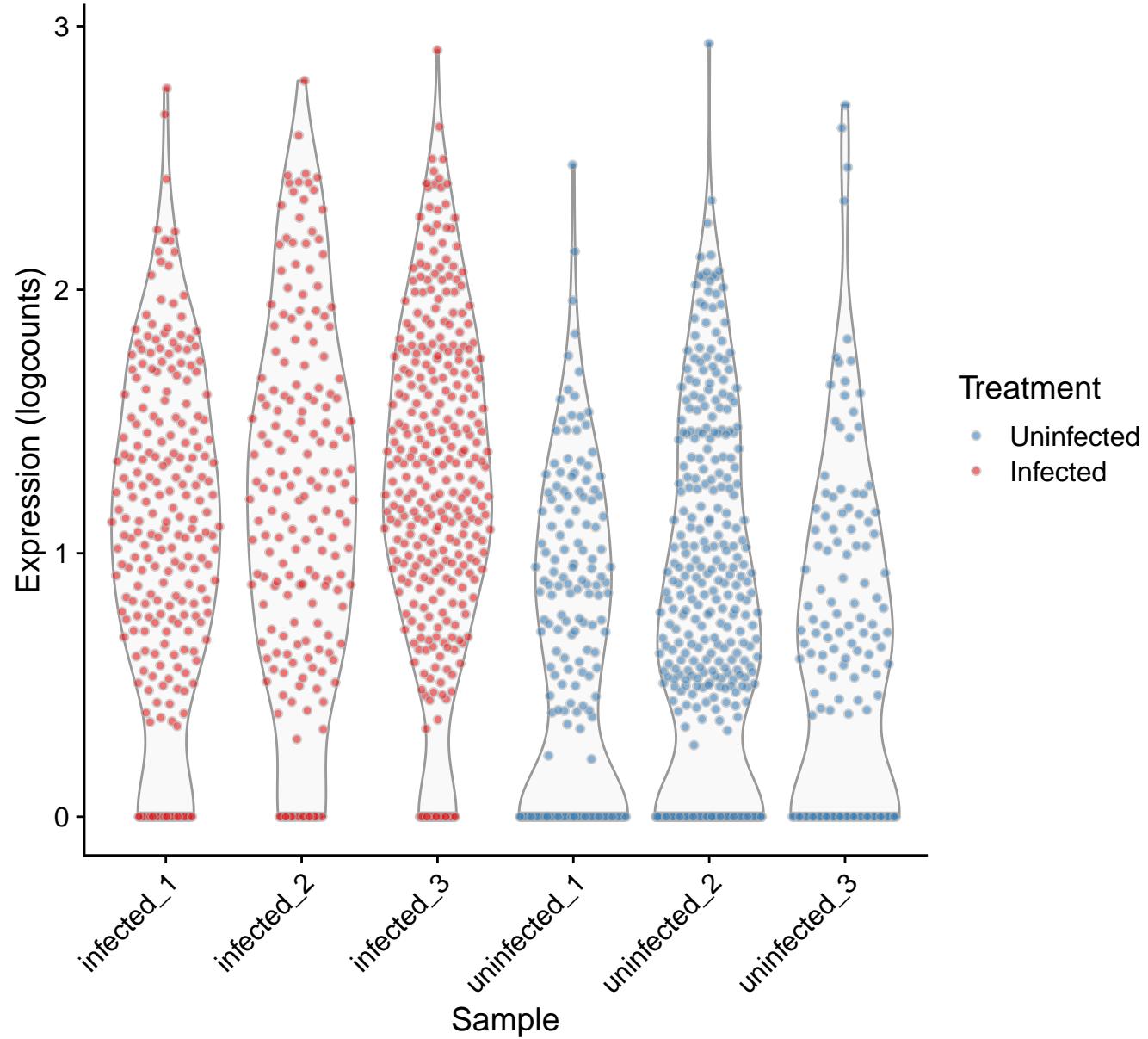
# SAMHD1 (FDR = 0.001)

cluster\_7



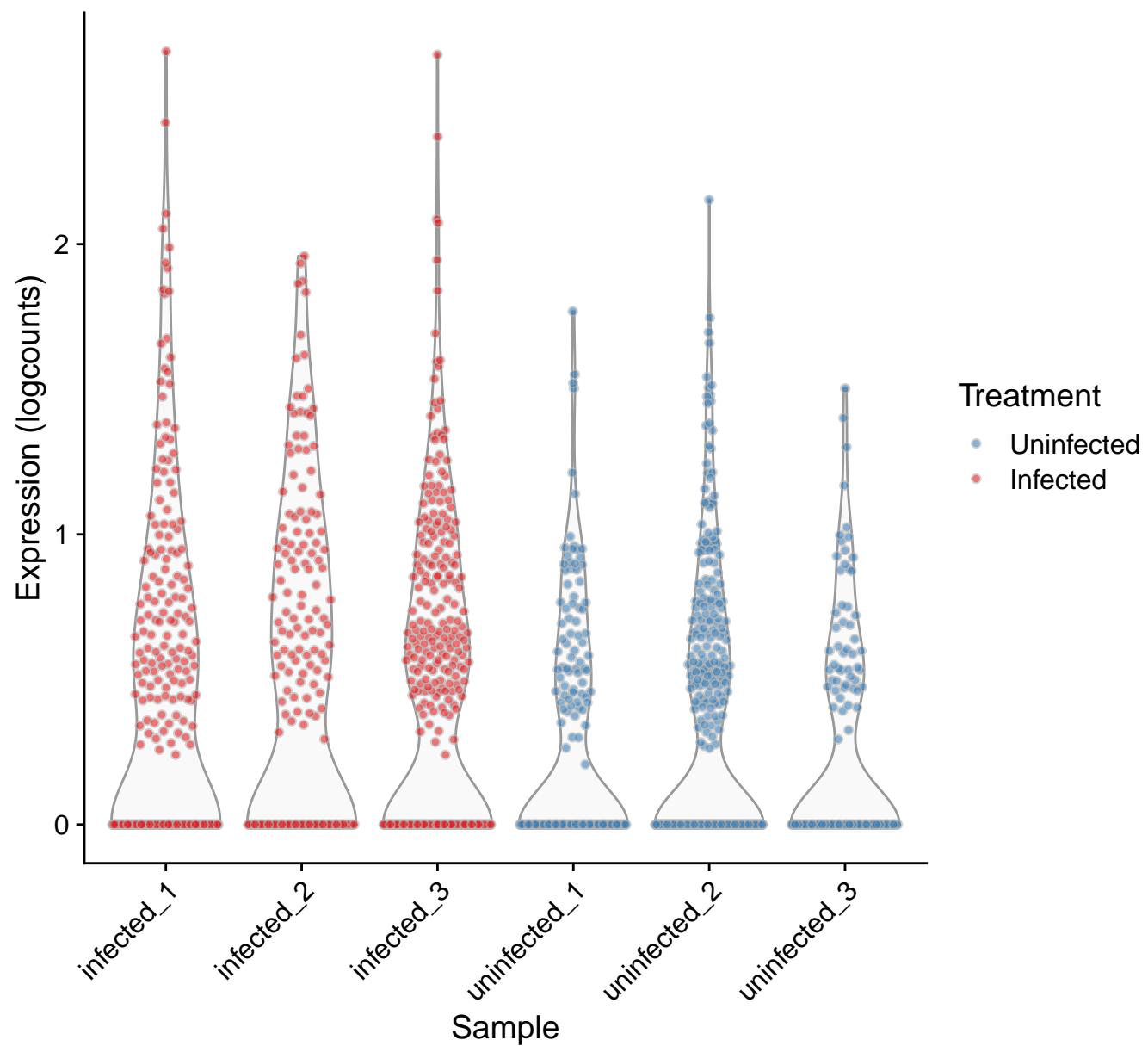
# DSTN (FDR = 0.001)

cluster\_7



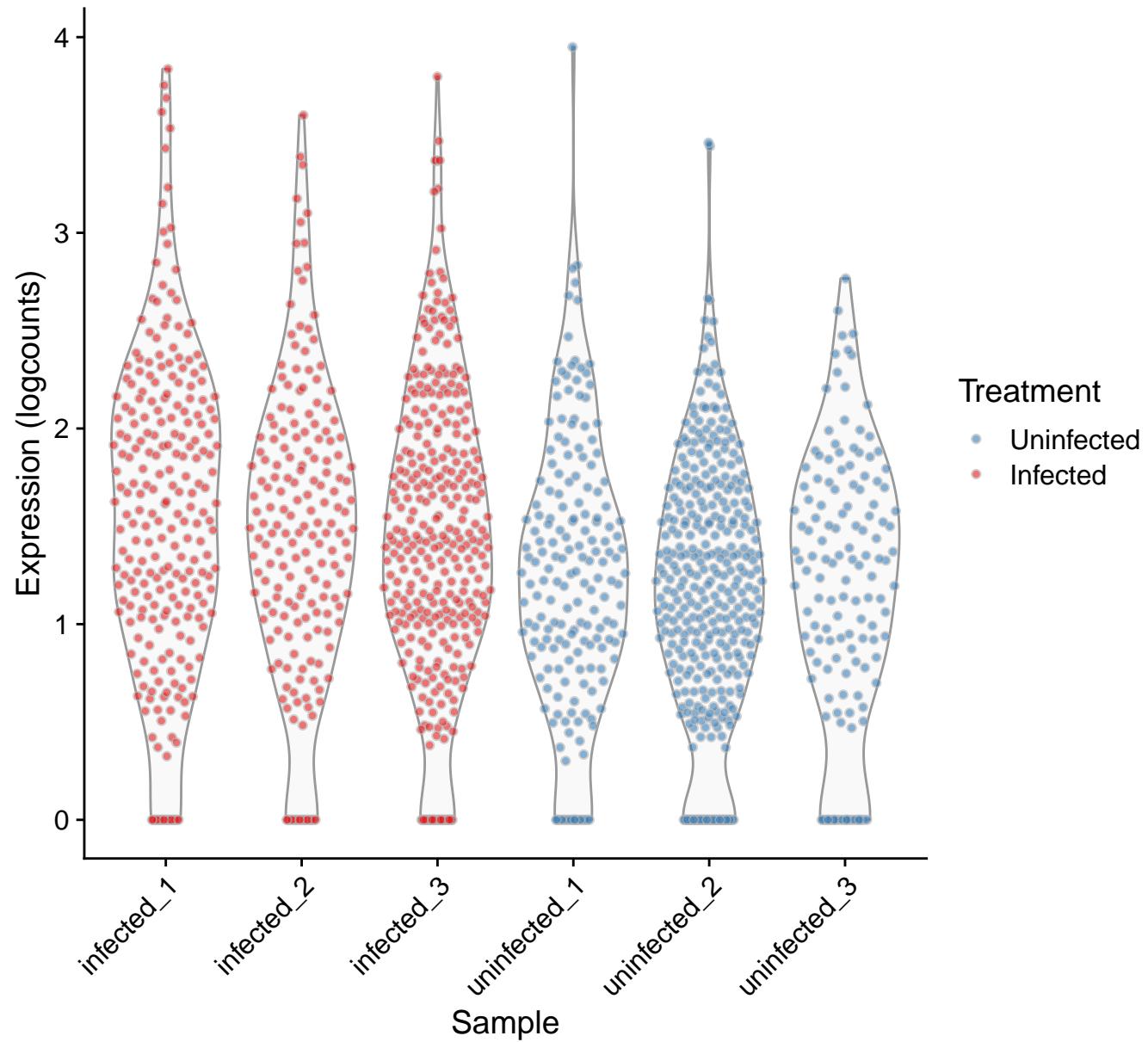
# RRBP1 (FDR = 0.001)

cluster\_7



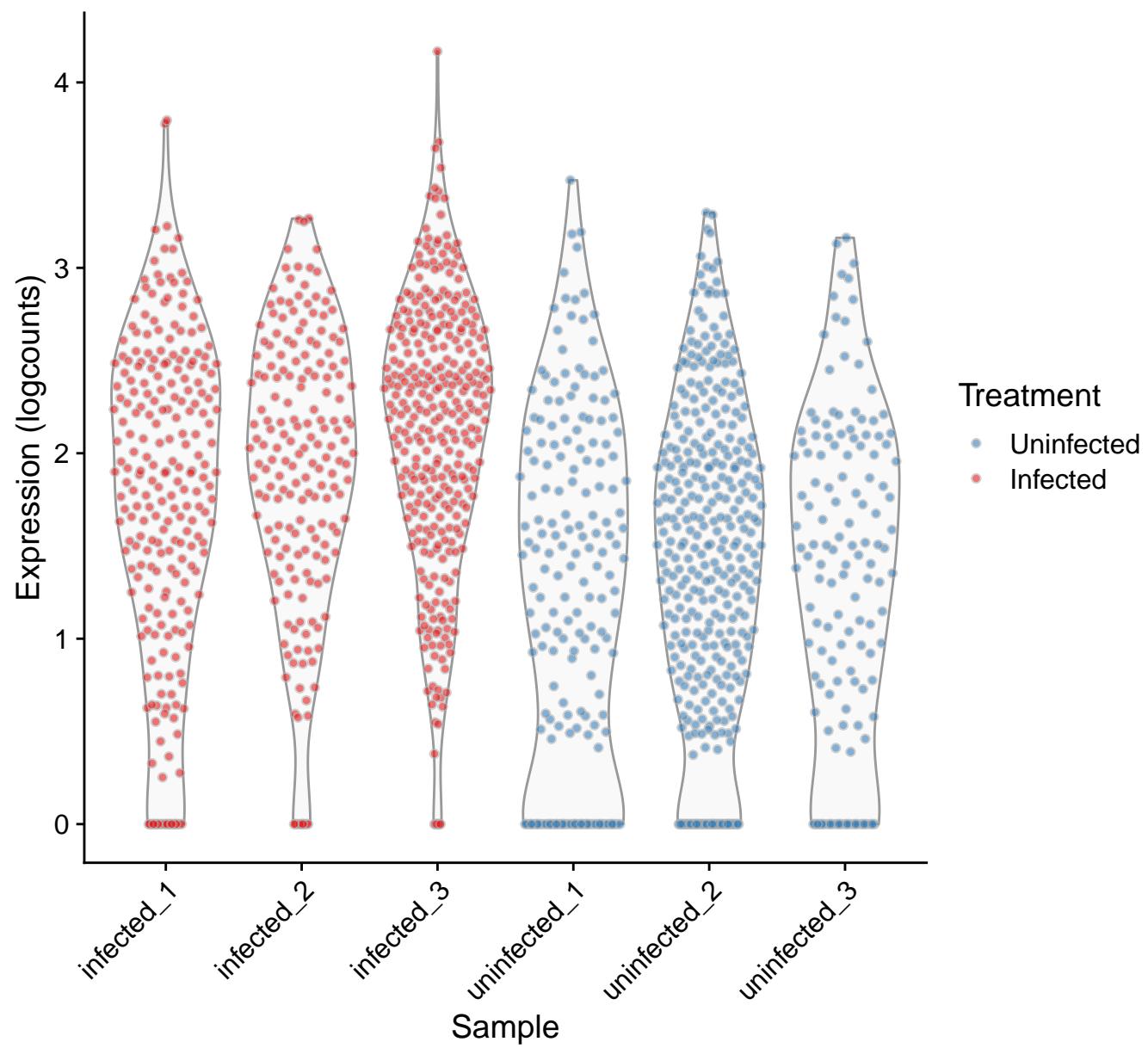
# IRF1 (FDR = 0.001)

cluster\_7



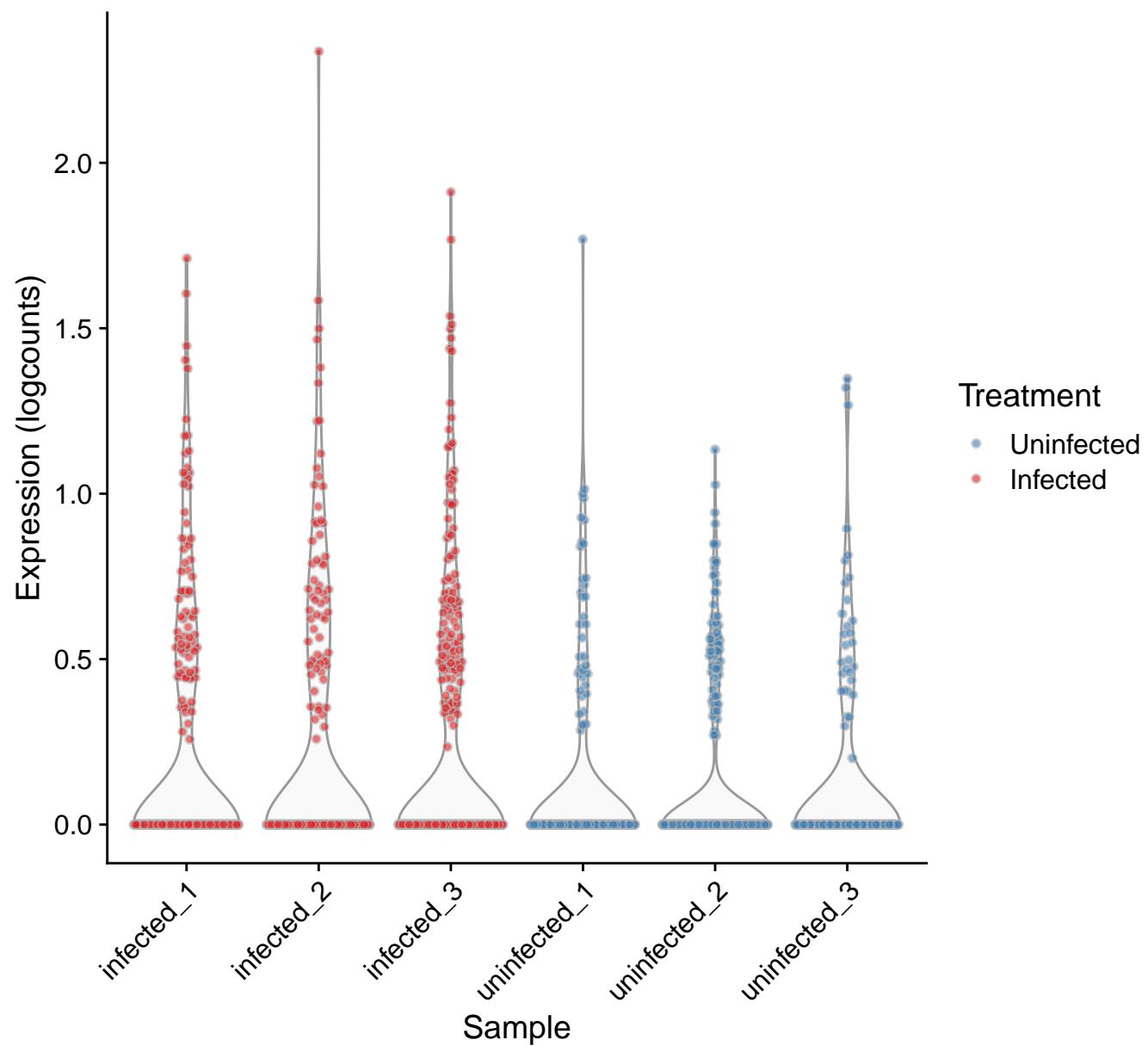
# CXCR3 (FDR = 0.001)

cluster\_7



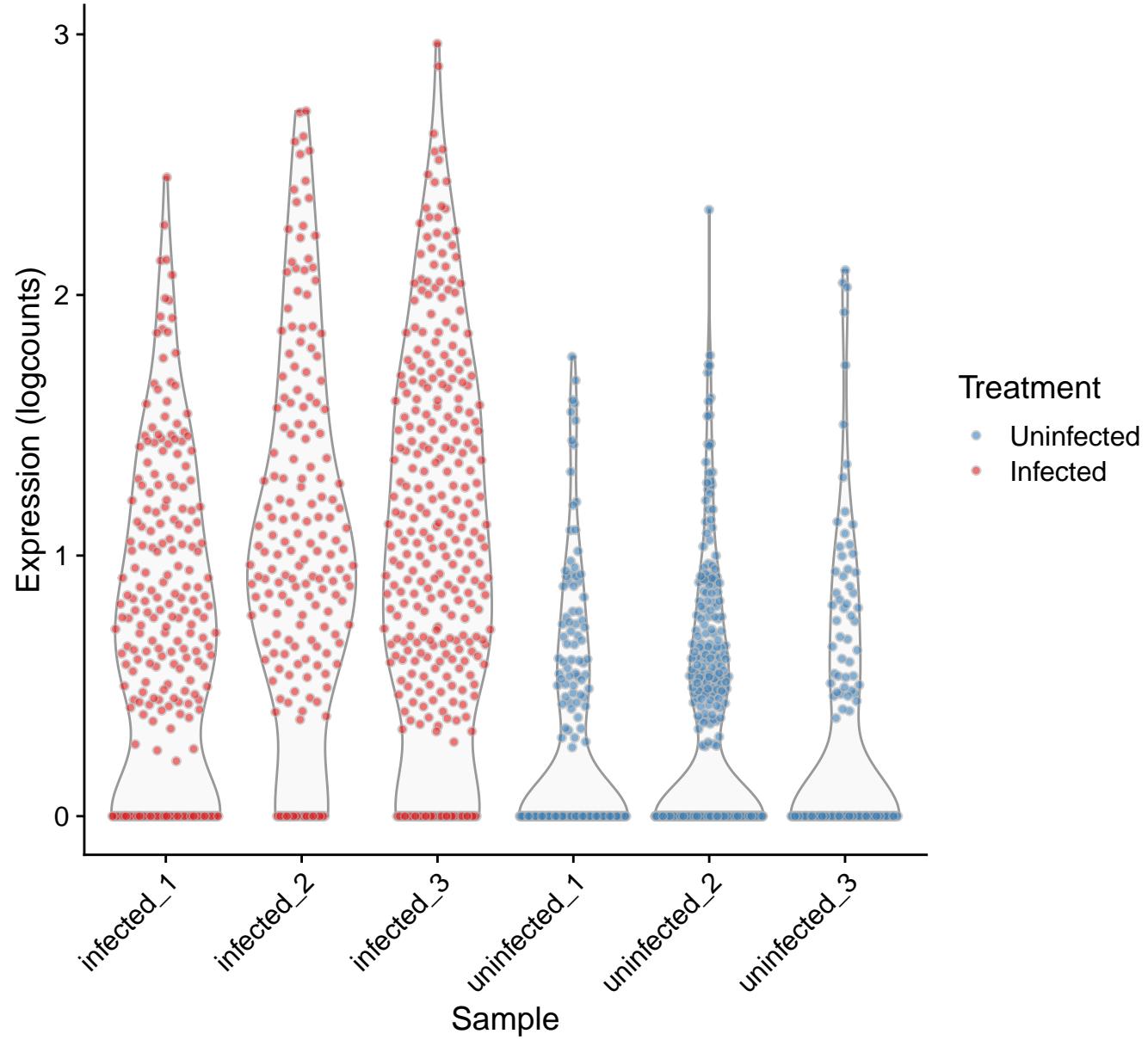
# METTL8 (FDR = 0.002)

cluster\_7



# CBLB (FDR = 0.002)

cluster\_7



# CAMK1 (FDR = 0.002)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

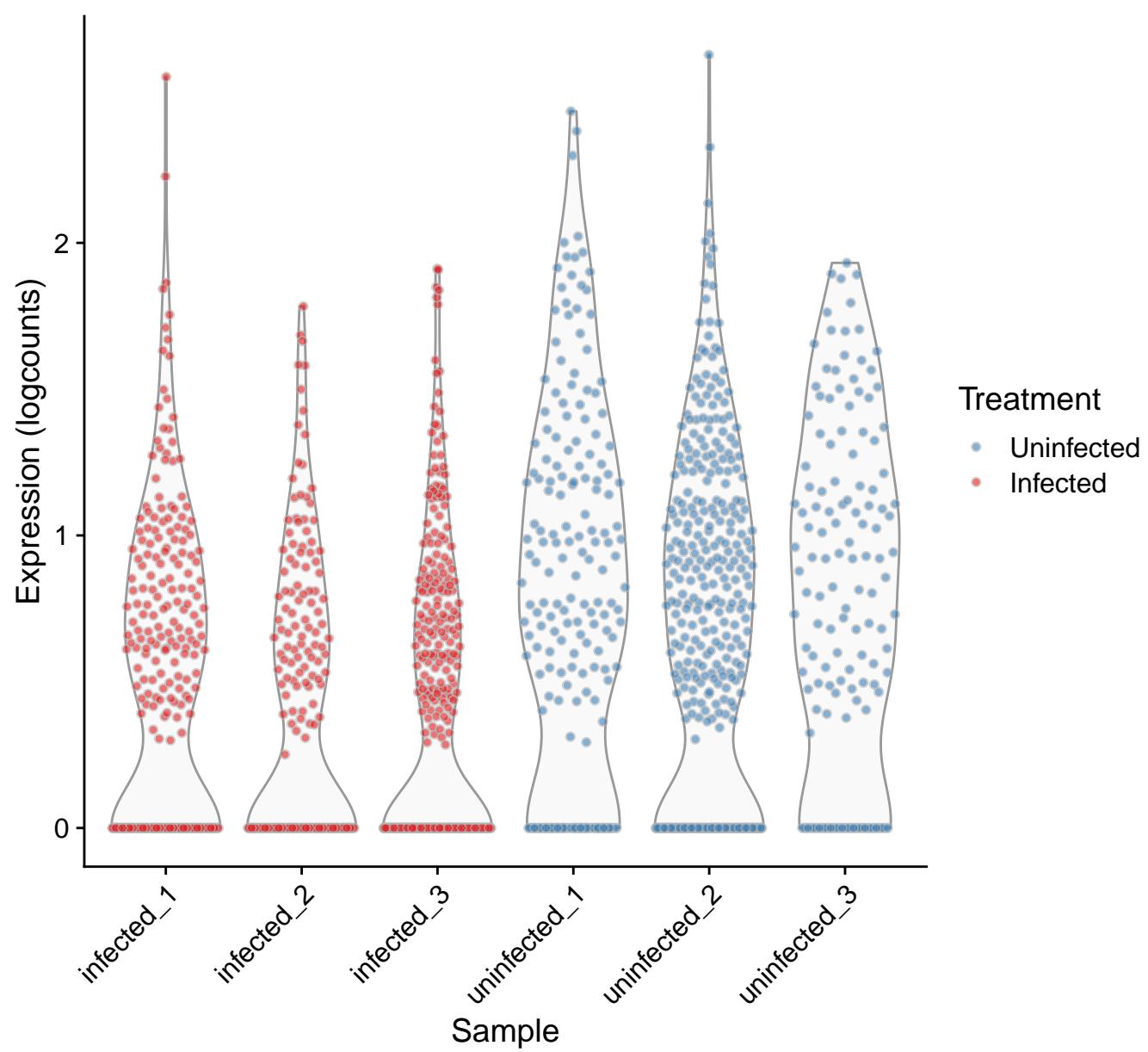
infected\_3

Sample



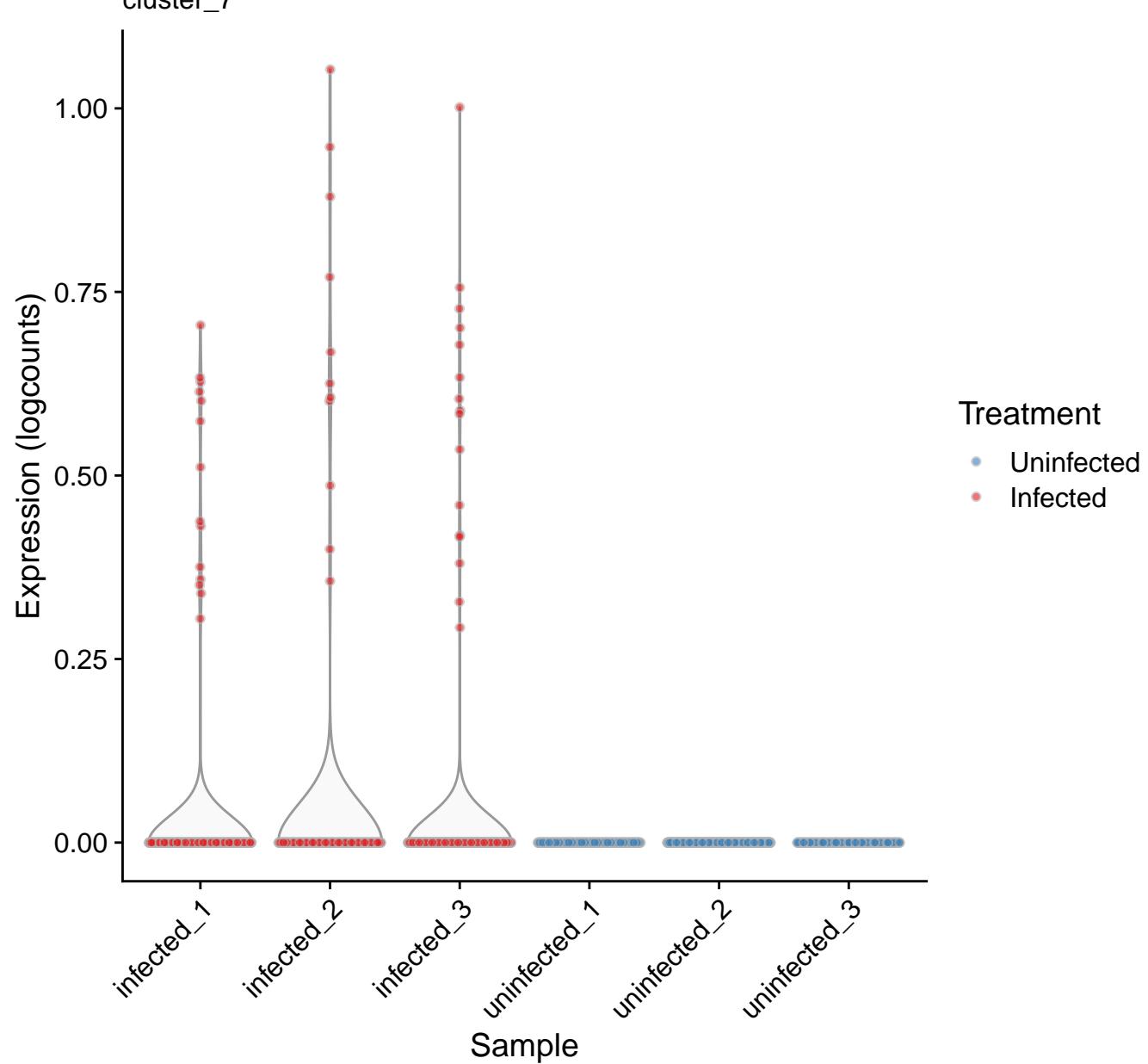
# DNPH1 (FDR = 0.002)

cluster\_7



# LHFPL3 (FDR = 0.002)

cluster\_7



# NFATC1 (FDR = 0.002)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

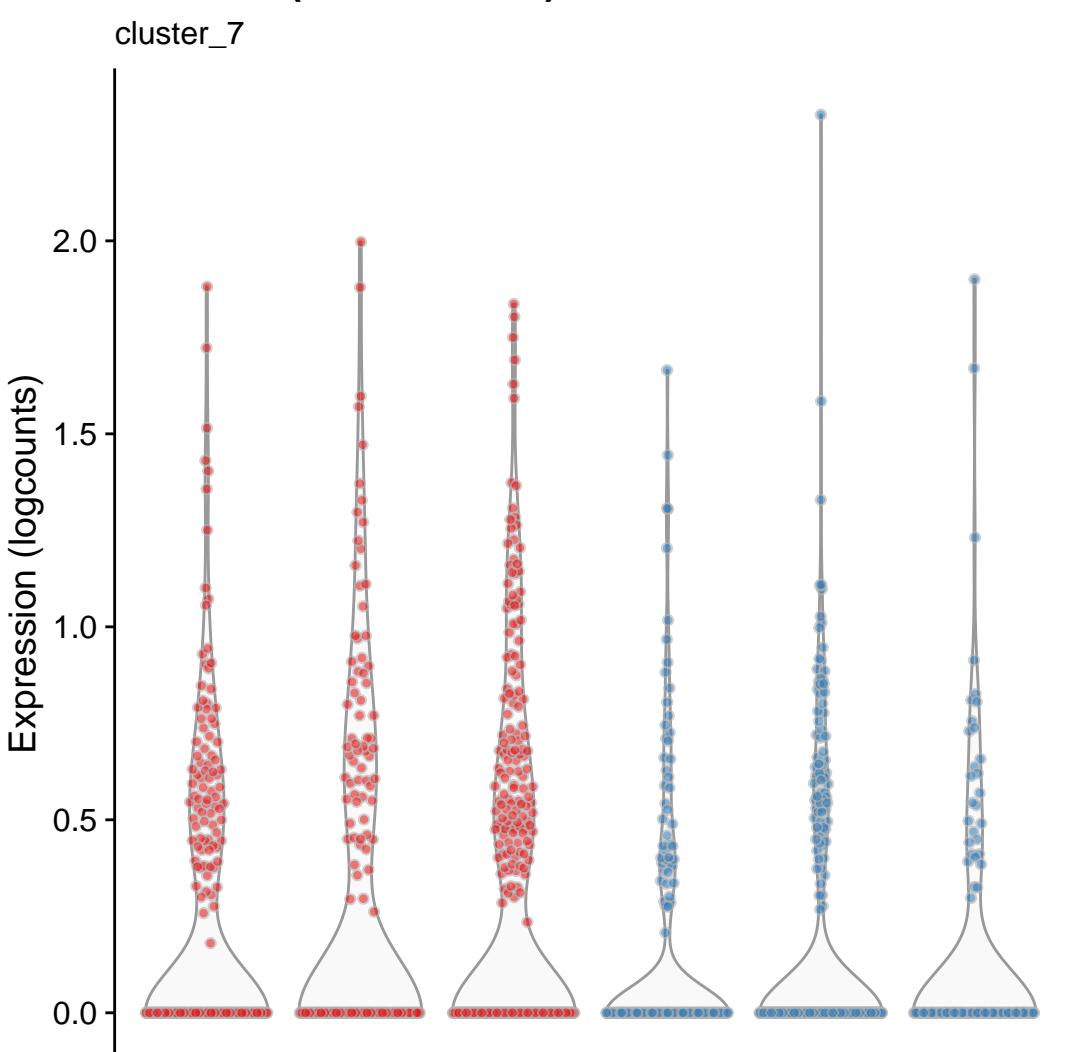
infected\_3

Sample

uninfected\_1

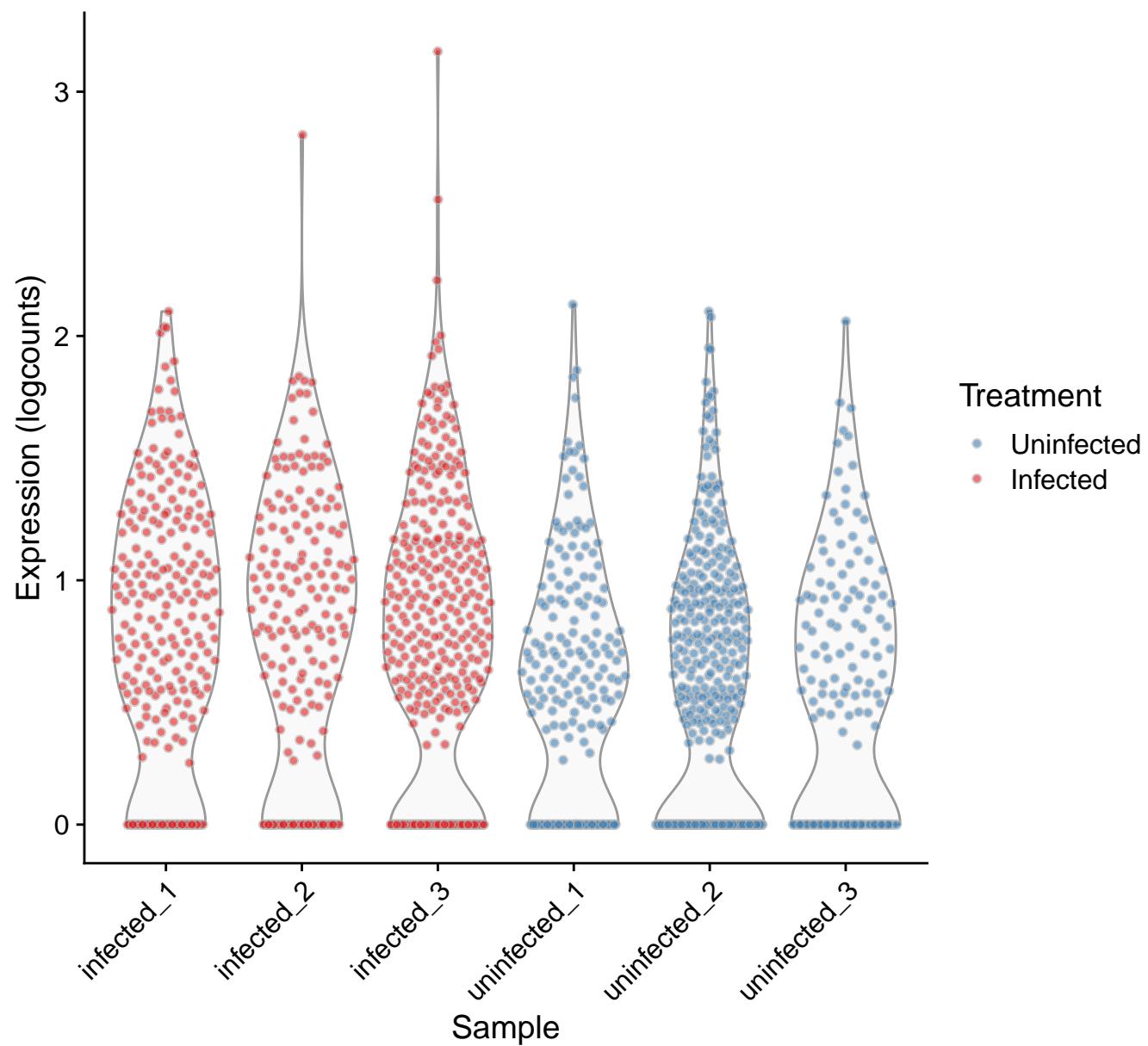
uninfected\_2

uninfected\_3



# TSPAN14 (FDR = 0.002)

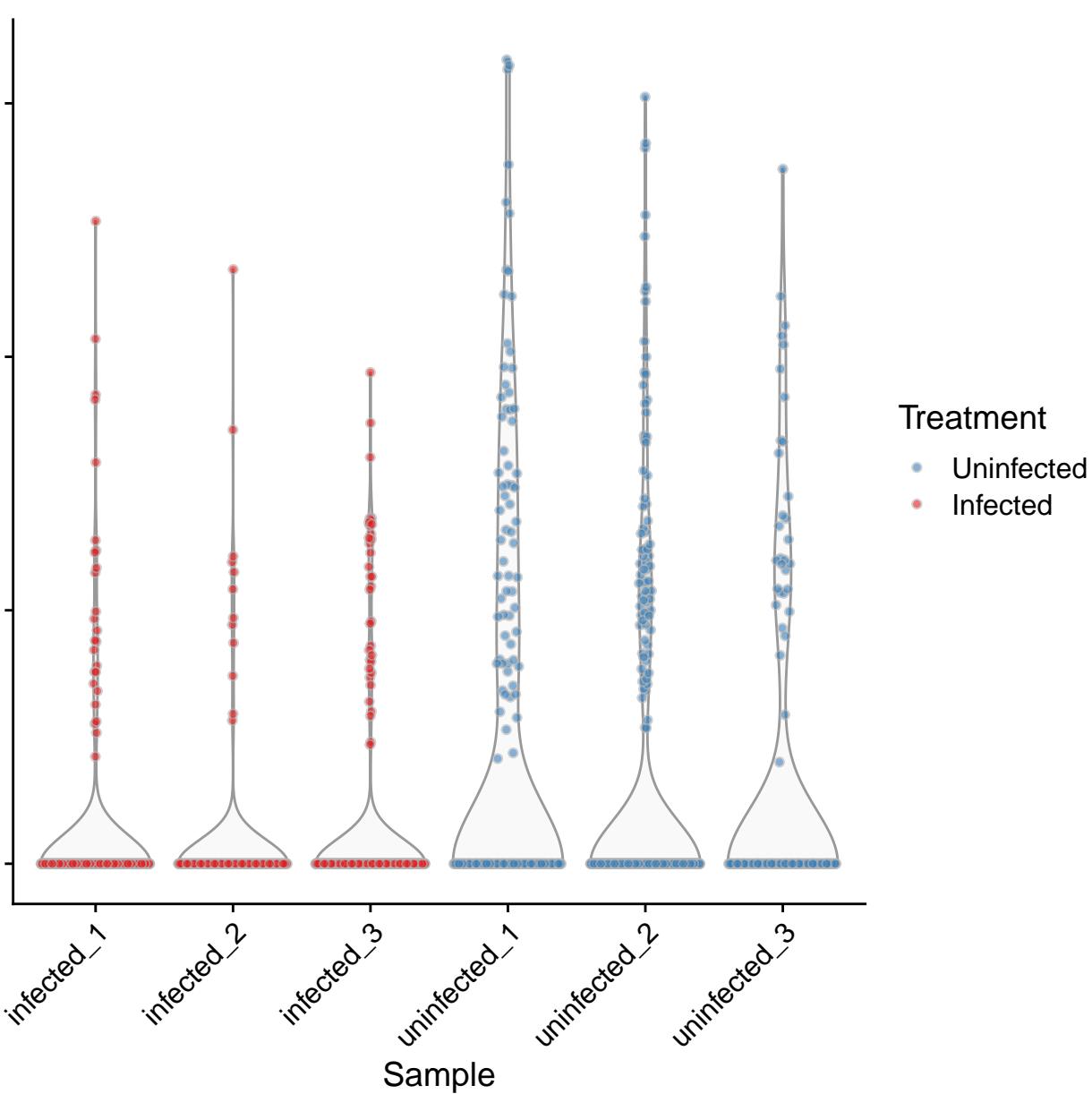
cluster\_7



# TBC1D4 (FDR = 0.002)

cluster\_7

Expression (logcounts)



# STAT4 (FDR = 0.002)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

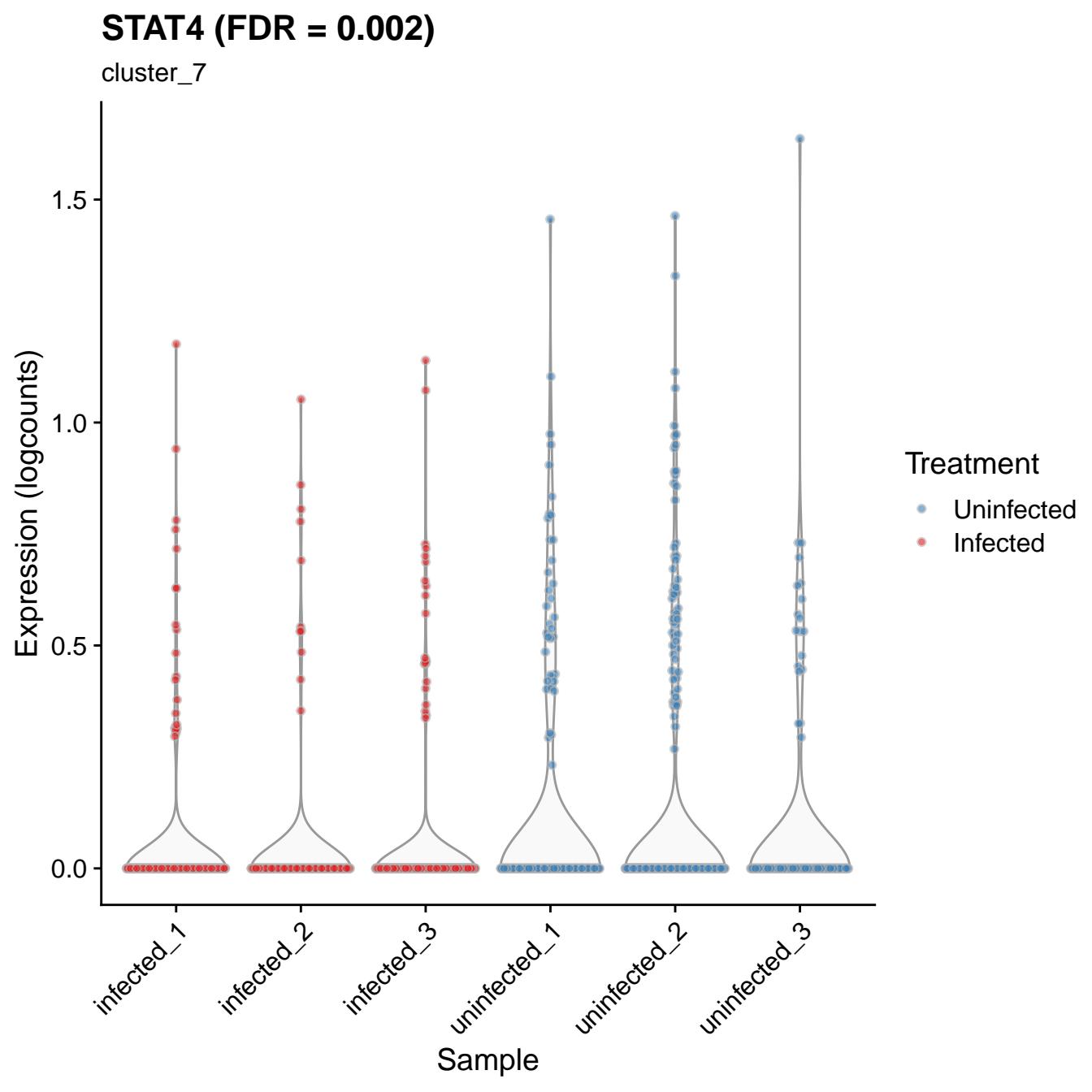
infected\_3

Sample

uninfected\_1

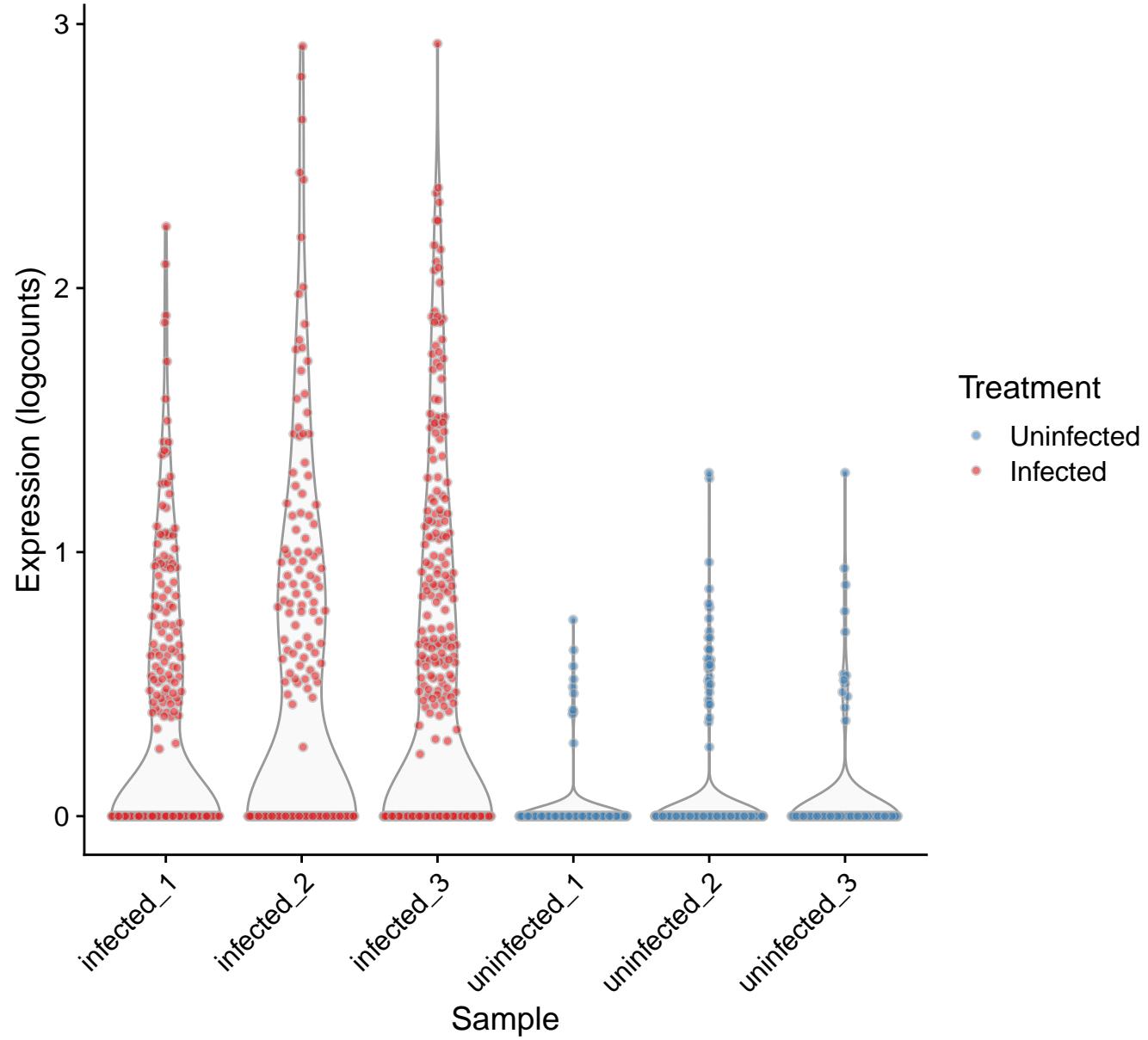
uninfected\_2

uninfected\_3



# RGS2 (FDR = 0.002)

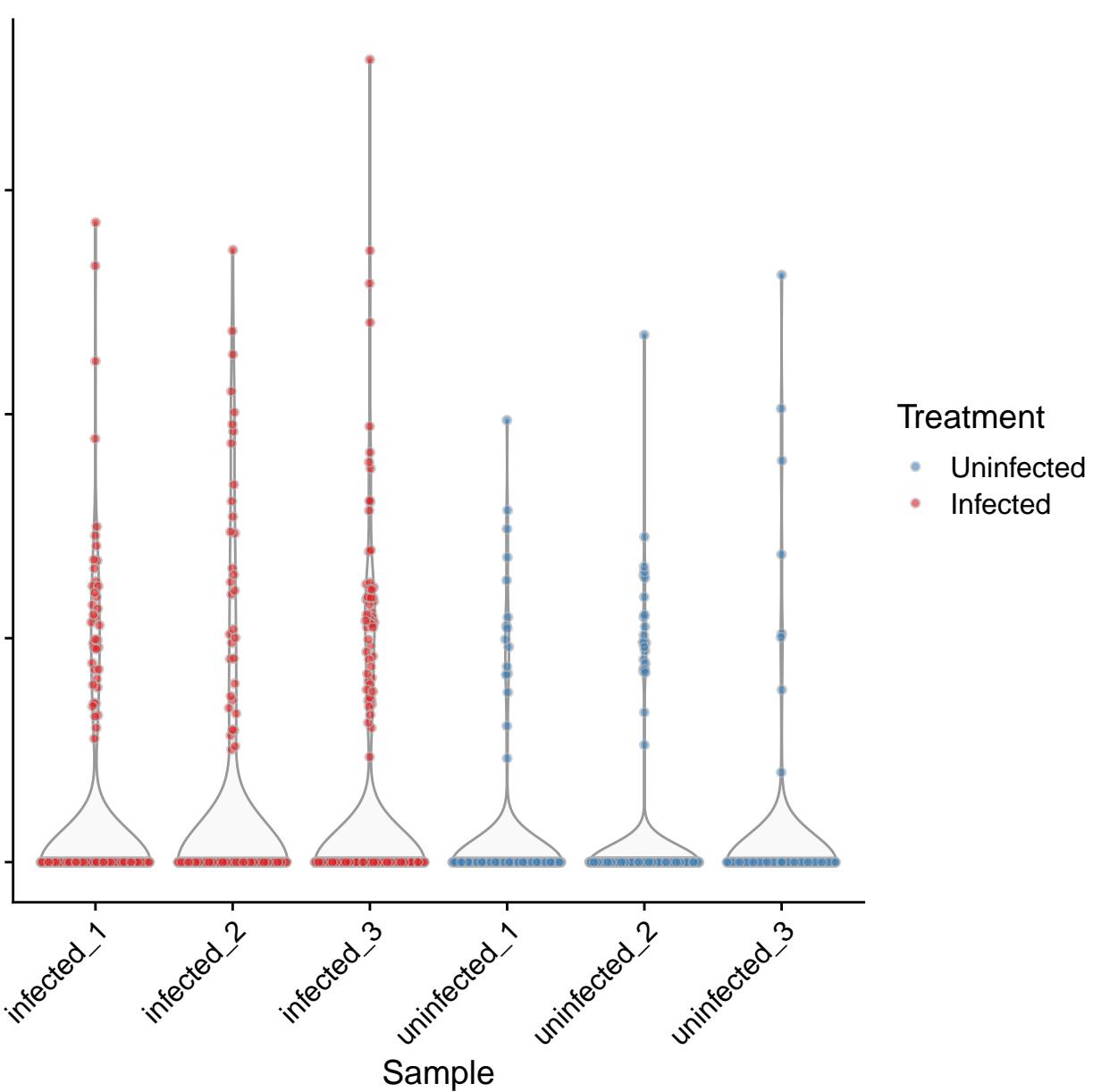
cluster\_7



# MTX3 (FDR = 0.002)

cluster\_7

Expression (logcounts)



# DAAM1 (FDR = 0.002)

cluster\_7

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

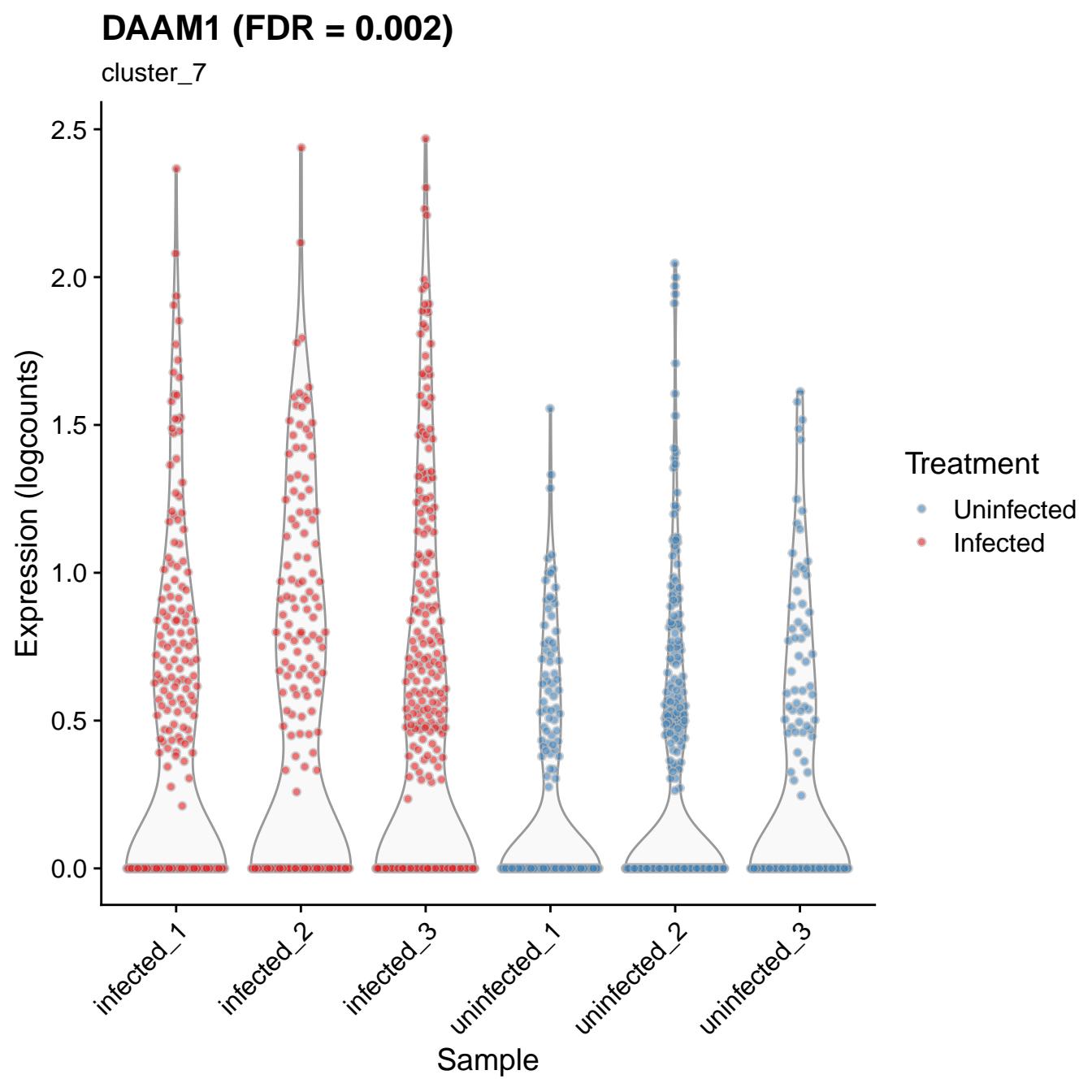
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# IL21R (FDR = 0.002)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

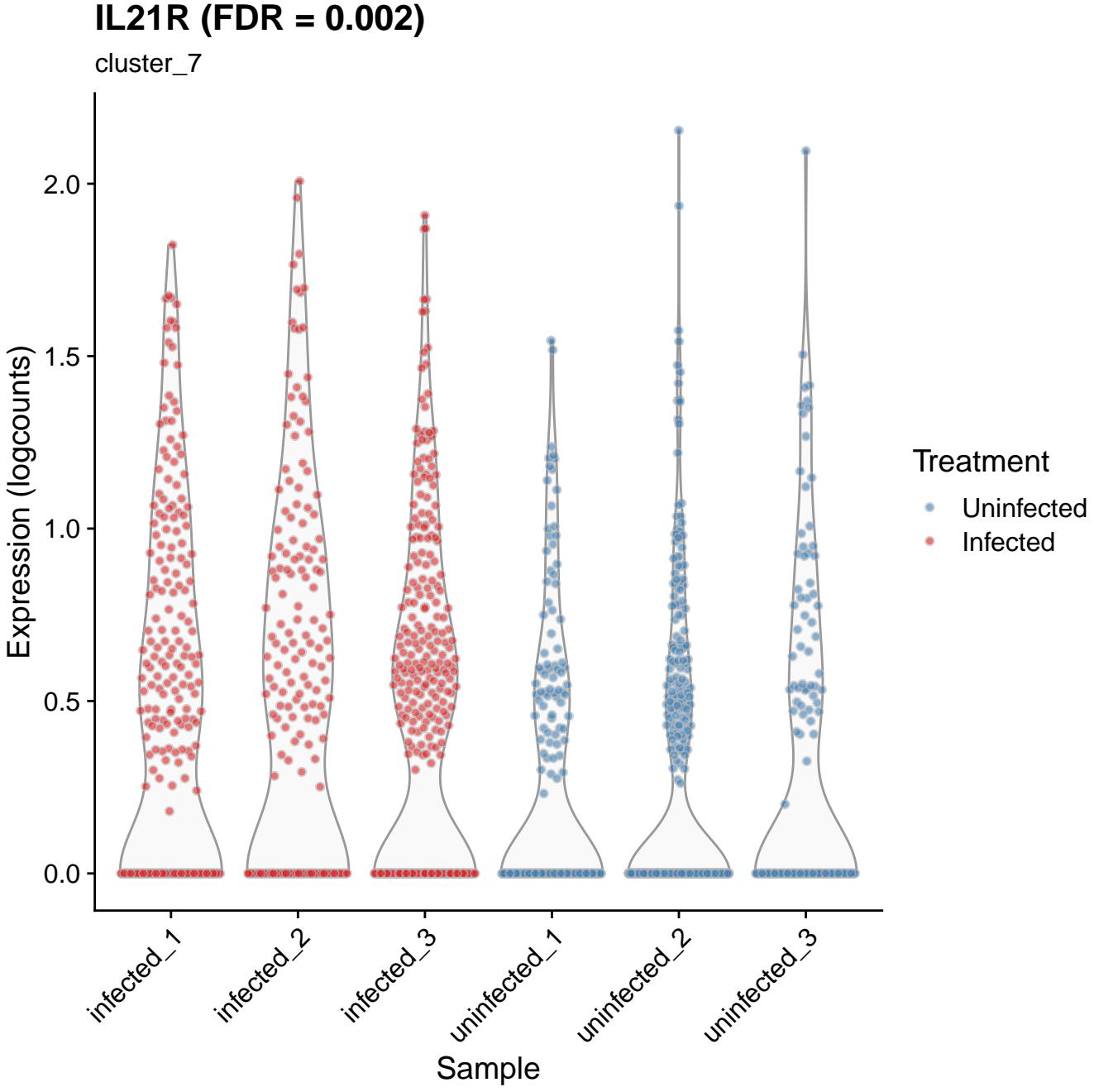
infected\_3

Sample

uninfected\_1

uninfected\_2

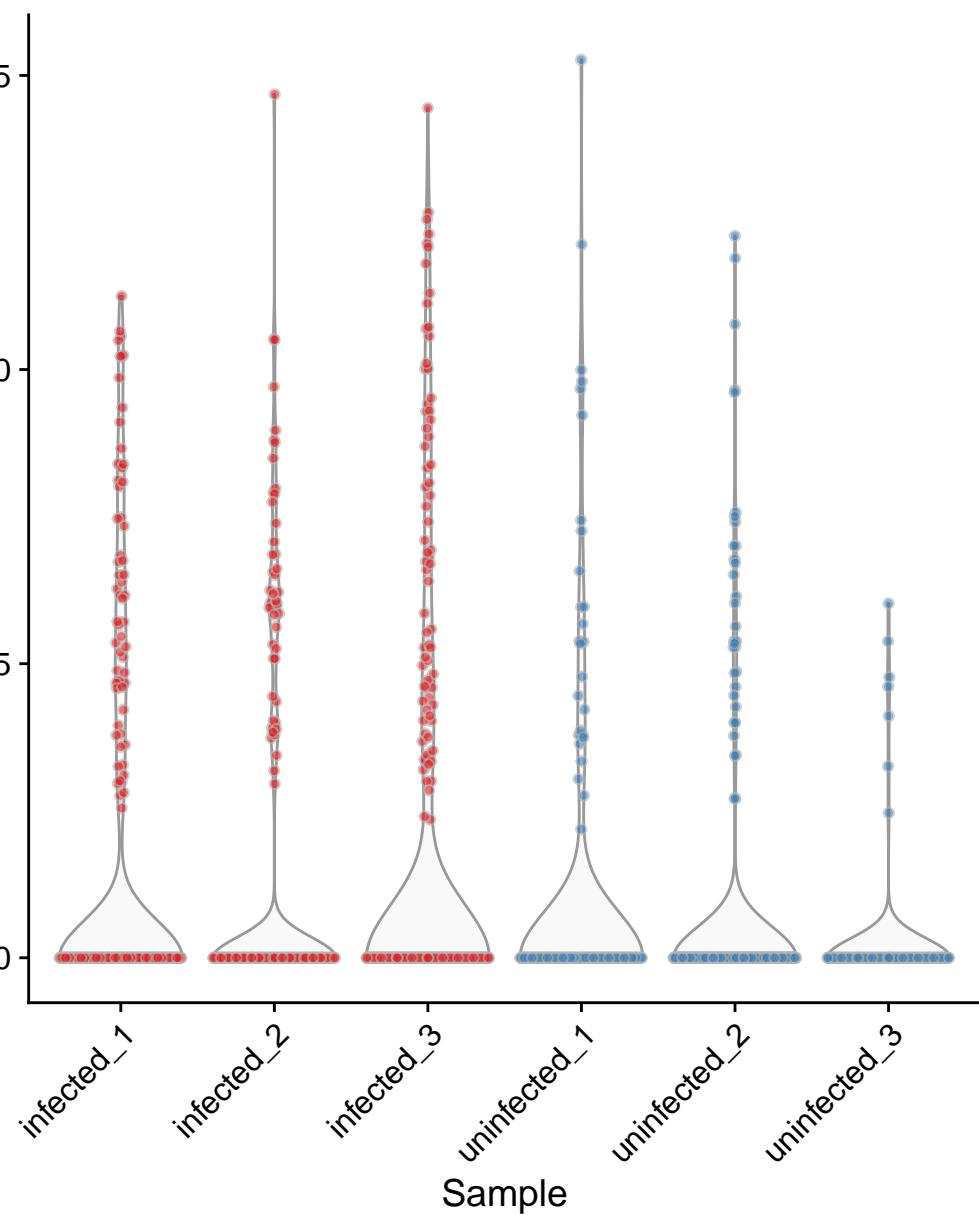
uninfected\_3



# AIM2 (FDR = 0.002)

cluster\_7

Expression (logcounts)



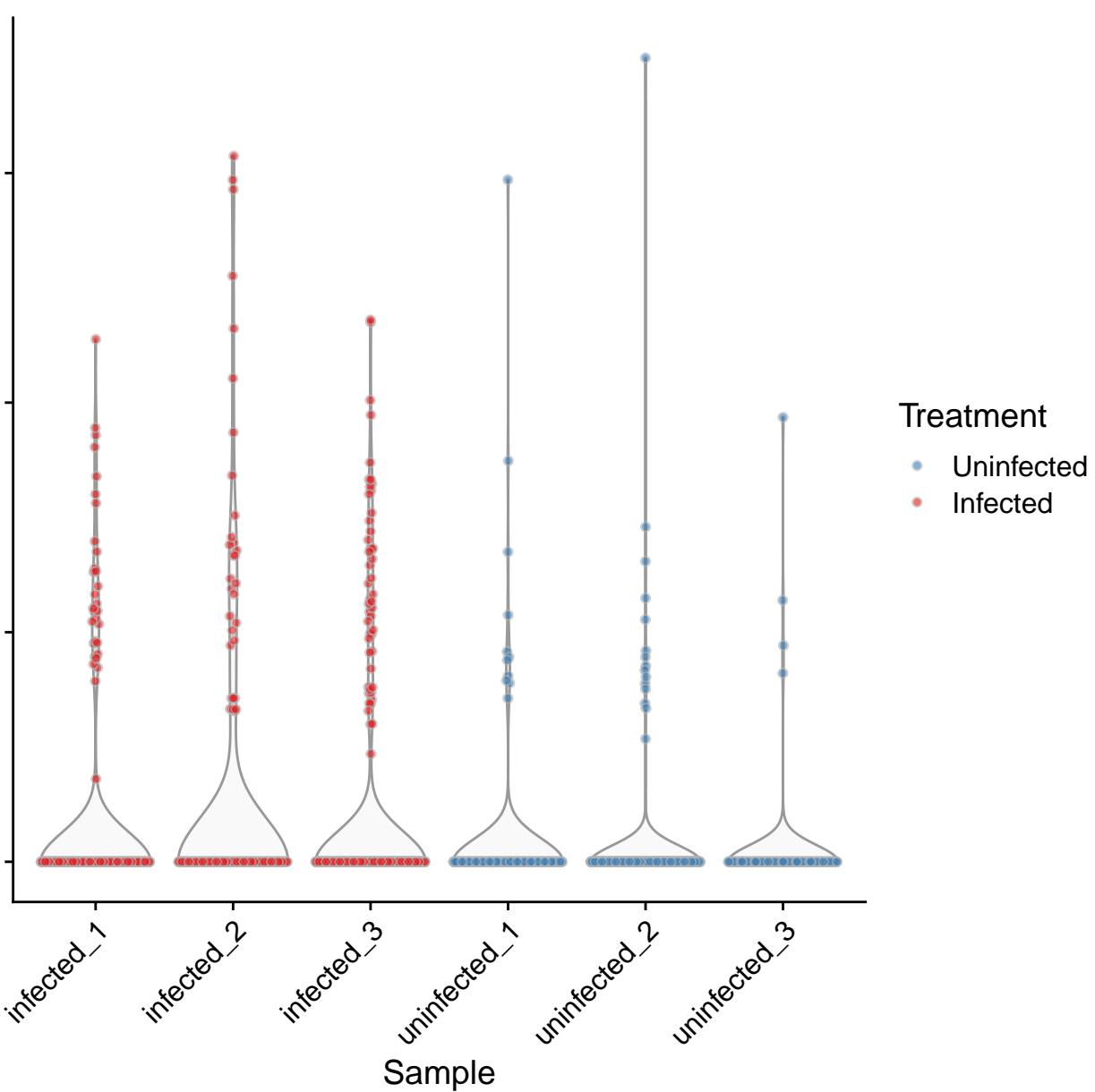
Treatment

- Uninfected
- Infected

# PTPRM (FDR = 0.002)

cluster\_7

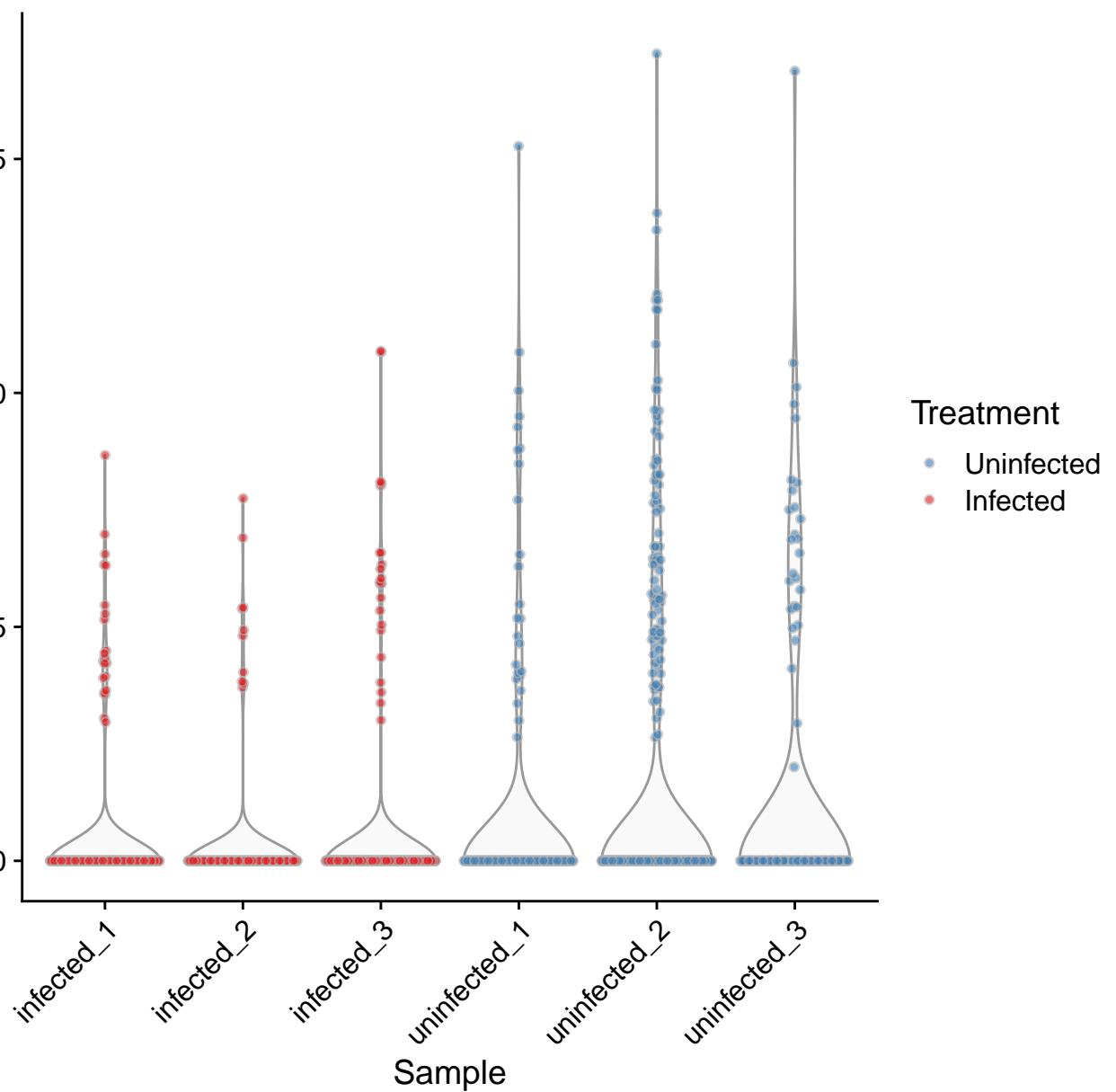
Expression (logcounts)



# PRR5L (FDR = 0.002)

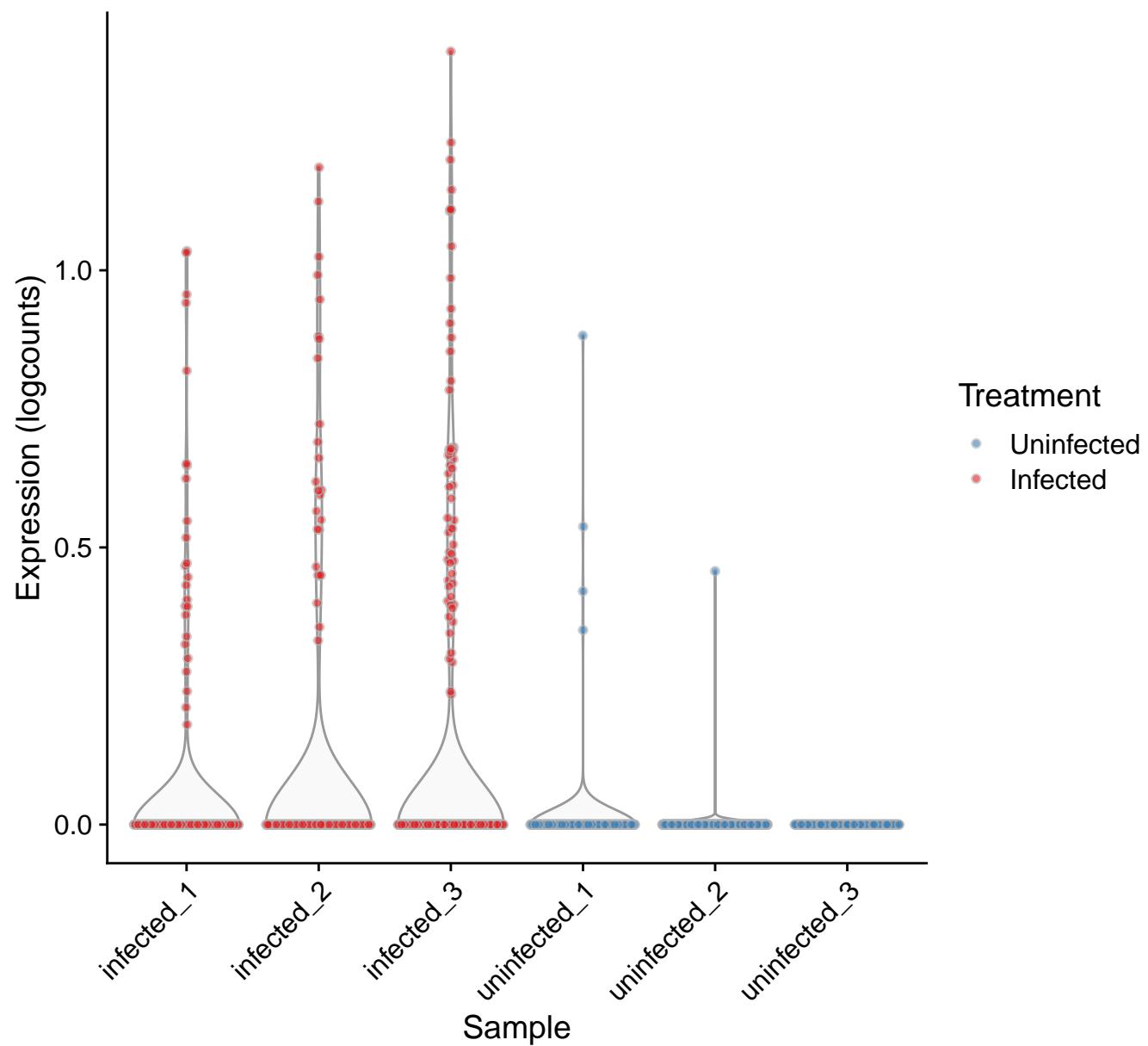
cluster\_7

Expression (logcounts)



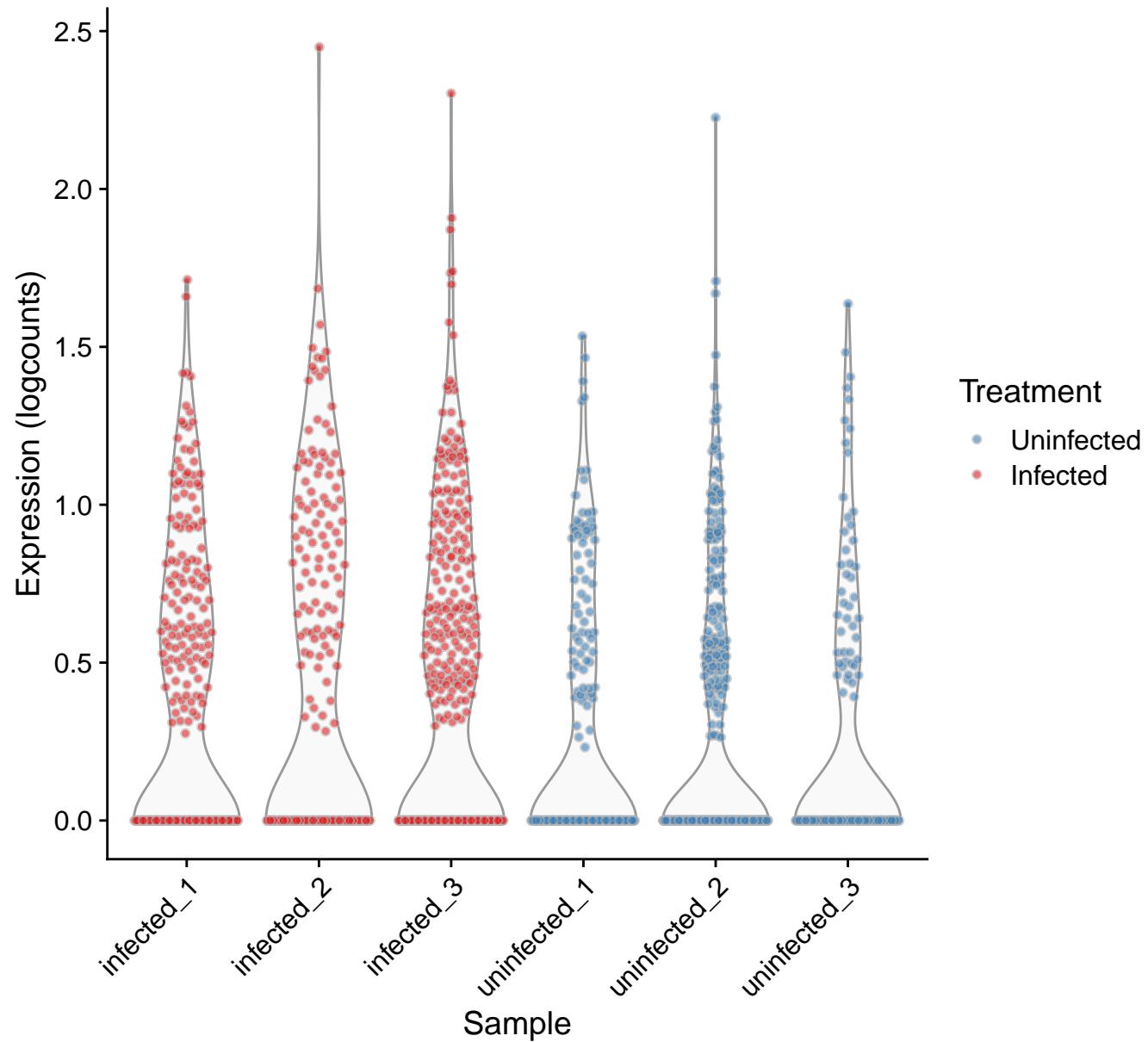
# MYOF (FDR = 0.002)

cluster\_7



# JAKMIP1 (FDR = 0.002)

cluster\_7



# TRERF1 (FDR = 0.003)

cluster\_7

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\_7

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

# BCL7A (FDR = 0.003)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

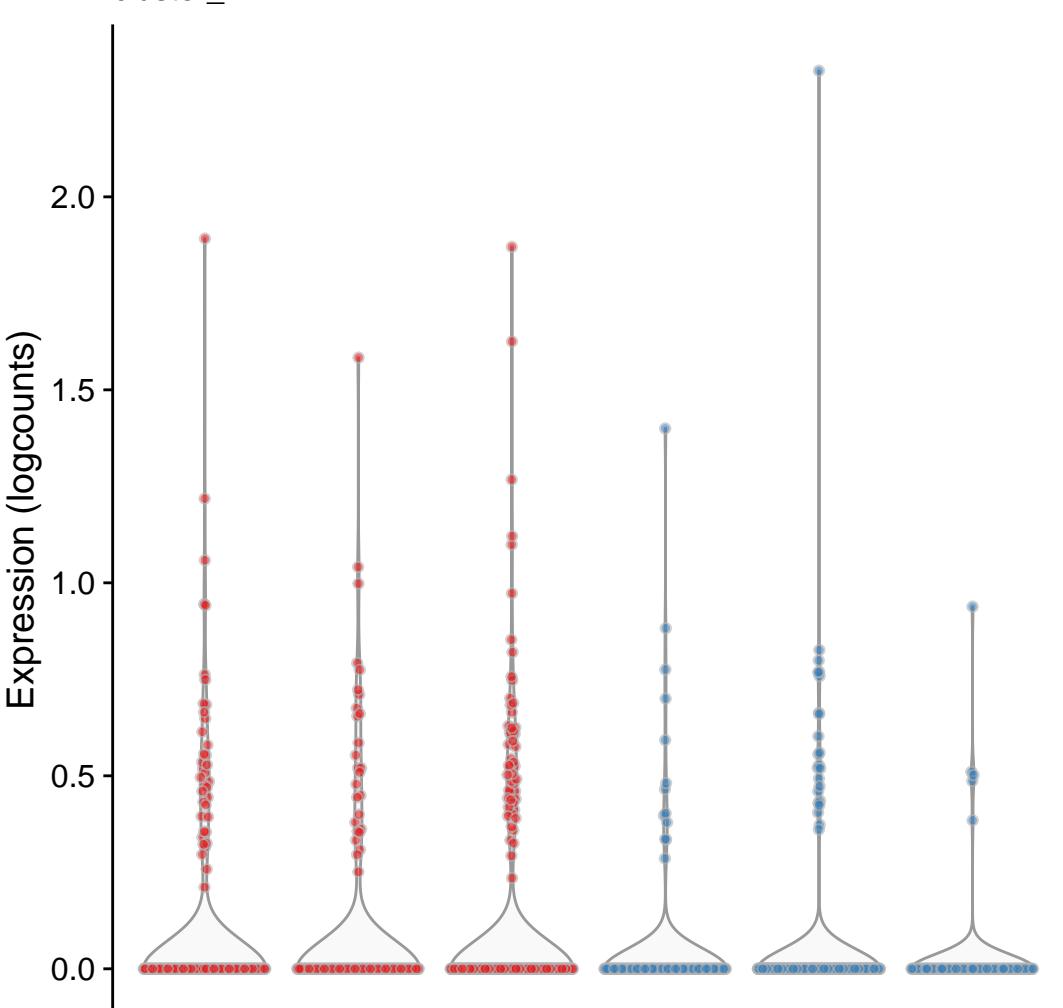
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# TMEM263 (FDR = 0.003)

cluster\_7

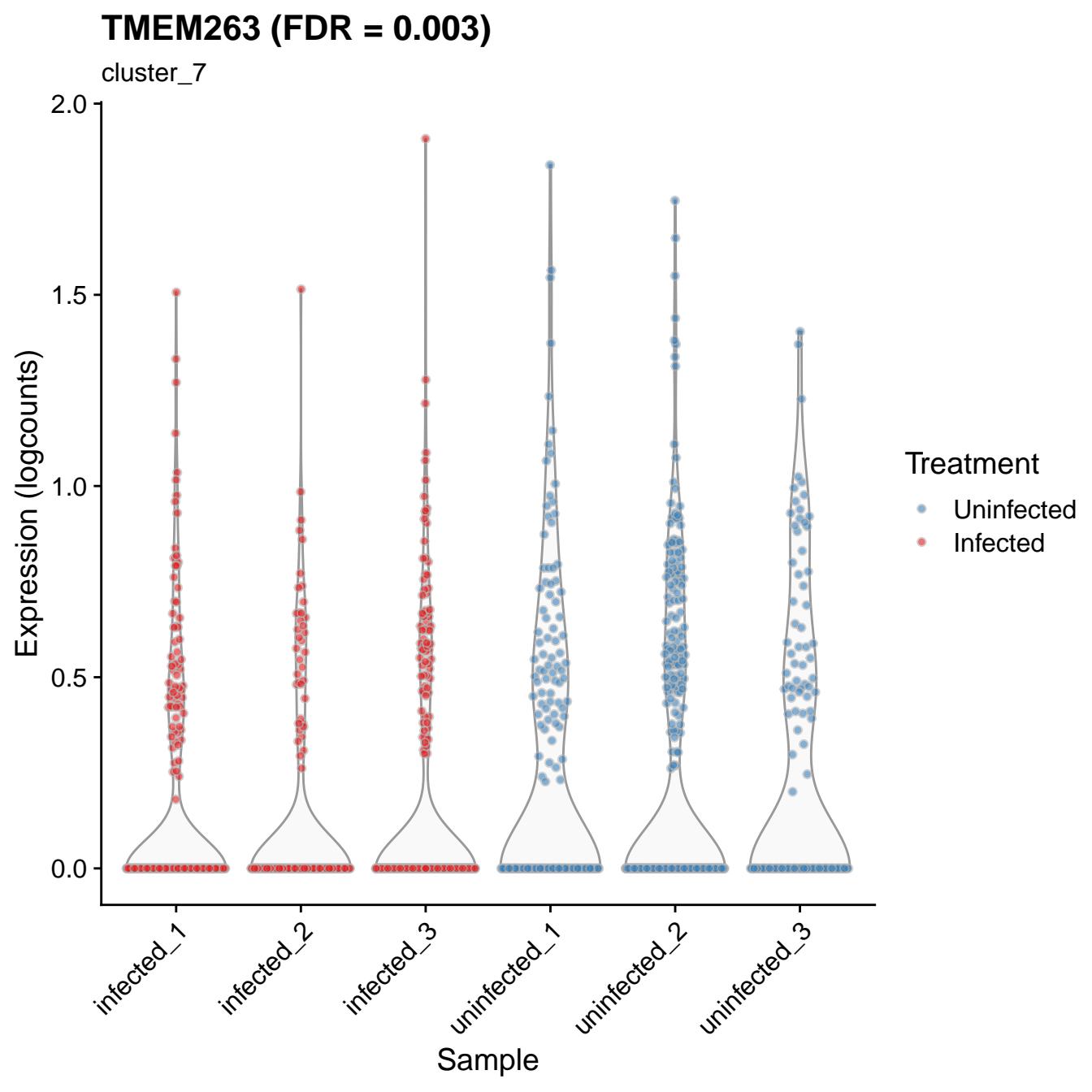
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

Sample

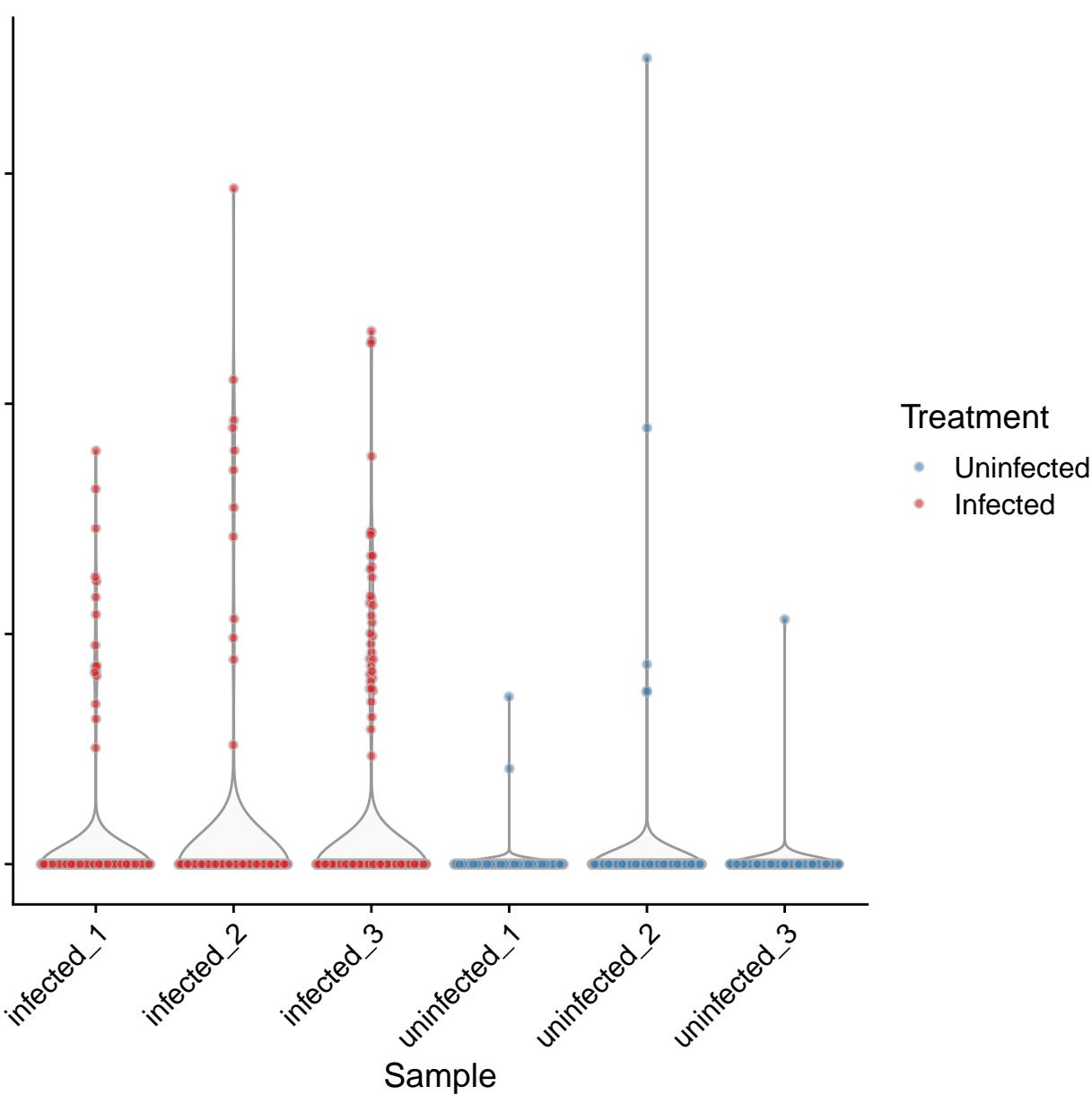
Treatment  
Uninfected  
Infected



# DAPK2 (FDR = 0.003)

cluster\_7

Expression (logcounts)



# LINC01891 (FDR = 0.003)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

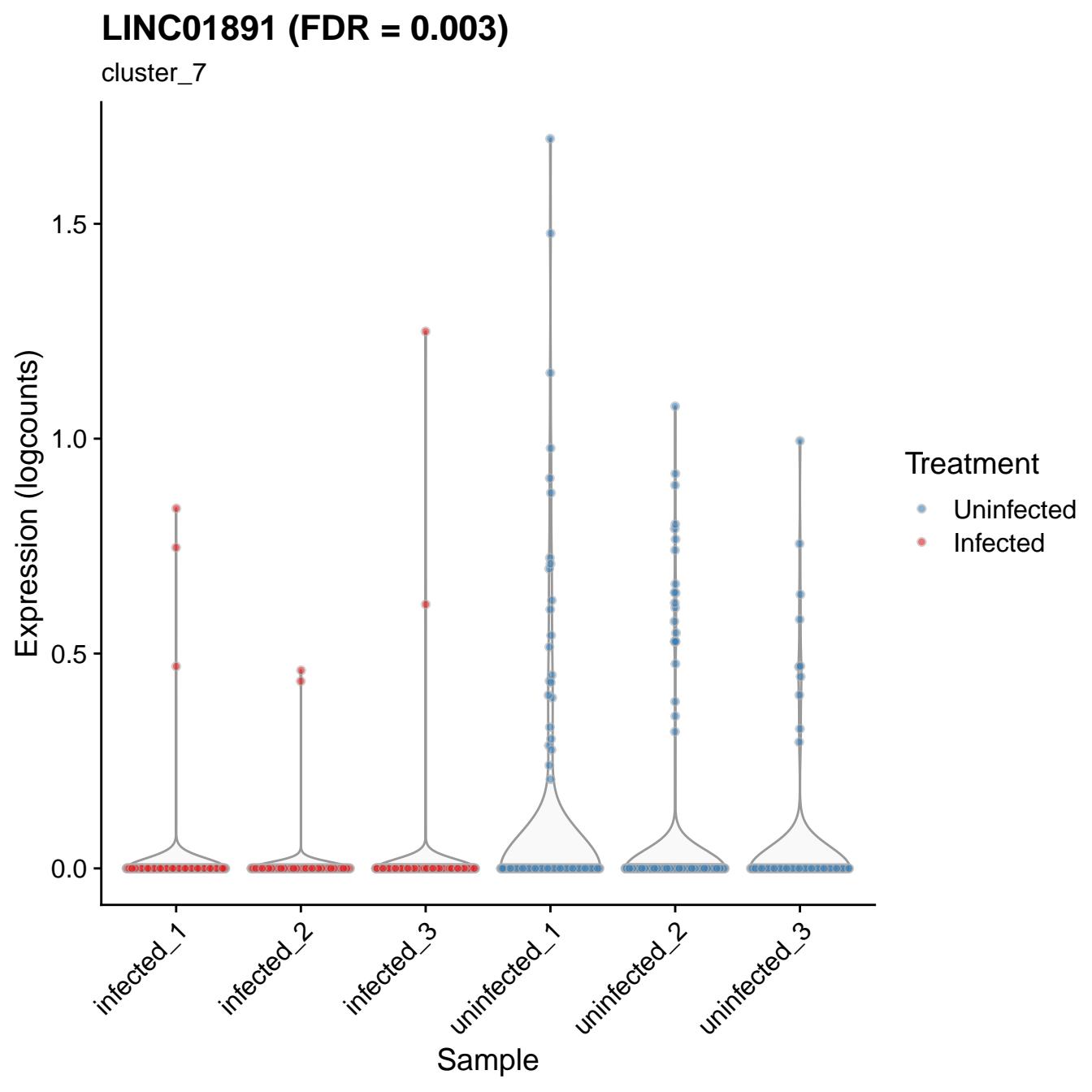
infected\_3

Sample

uninfected\_1

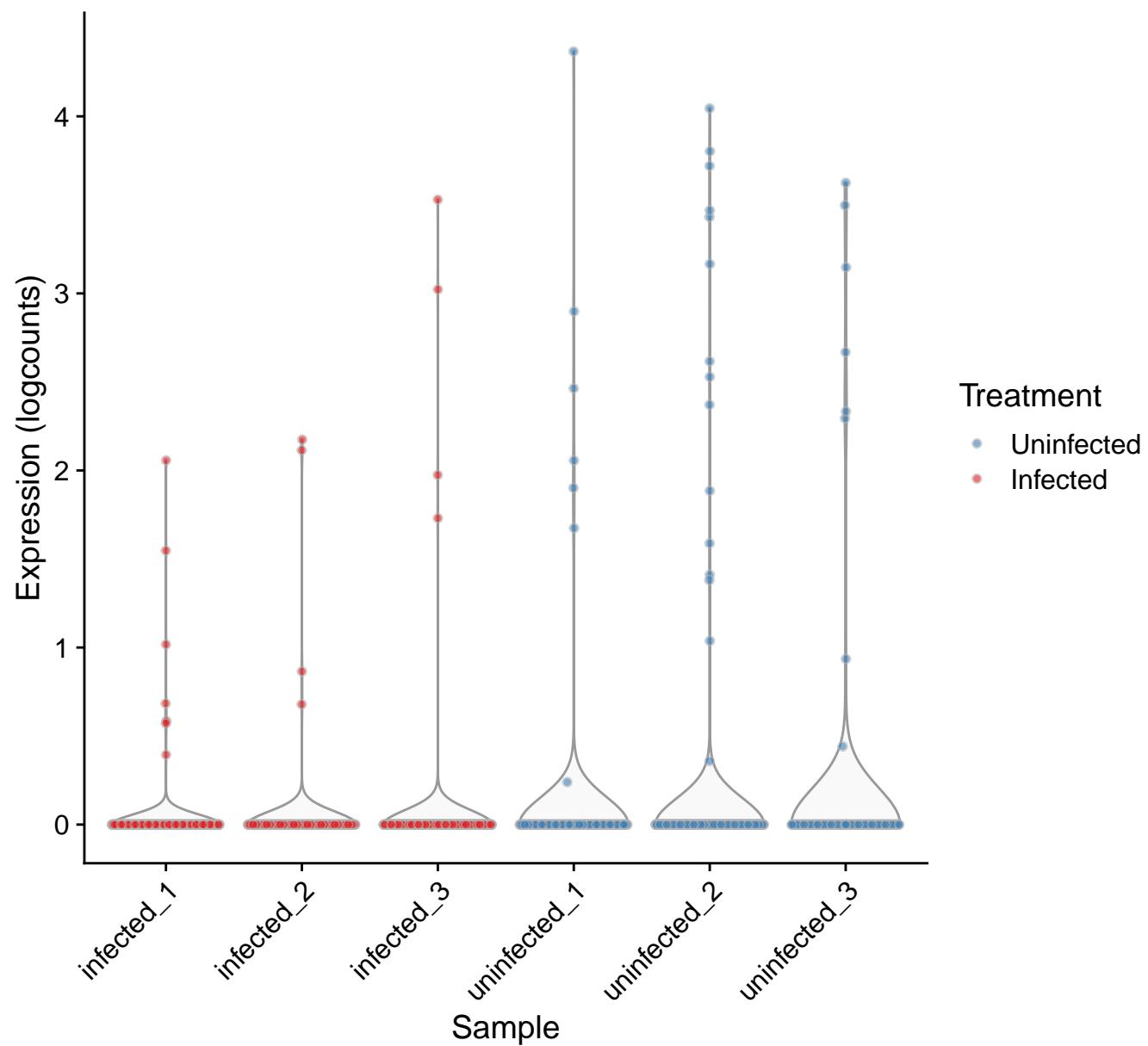
uninfected\_2

uninfected\_3



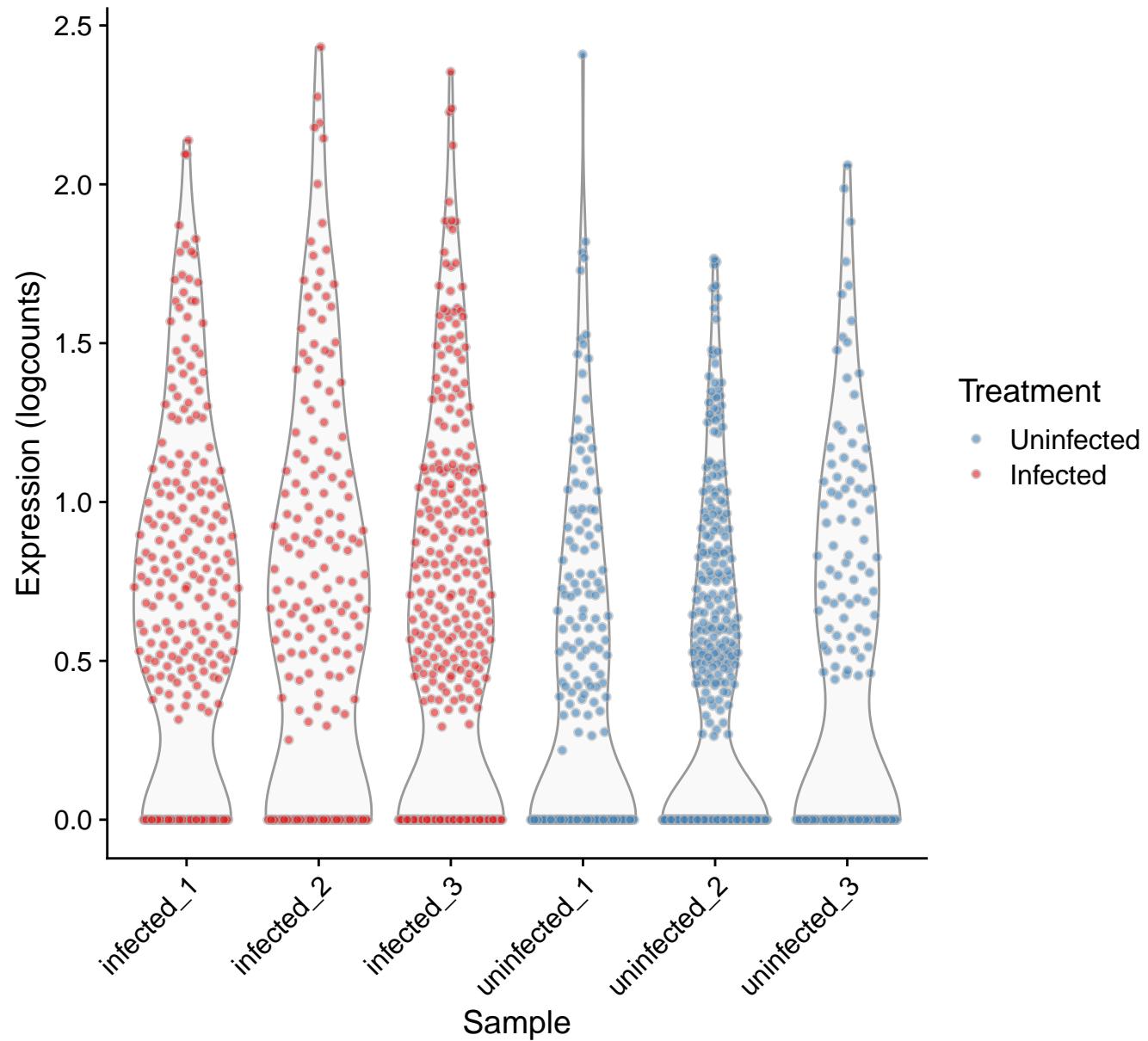
# TRAV38-1 (FDR = 0.003)

cluster\_7



# INPP4B (FDR = 0.003)

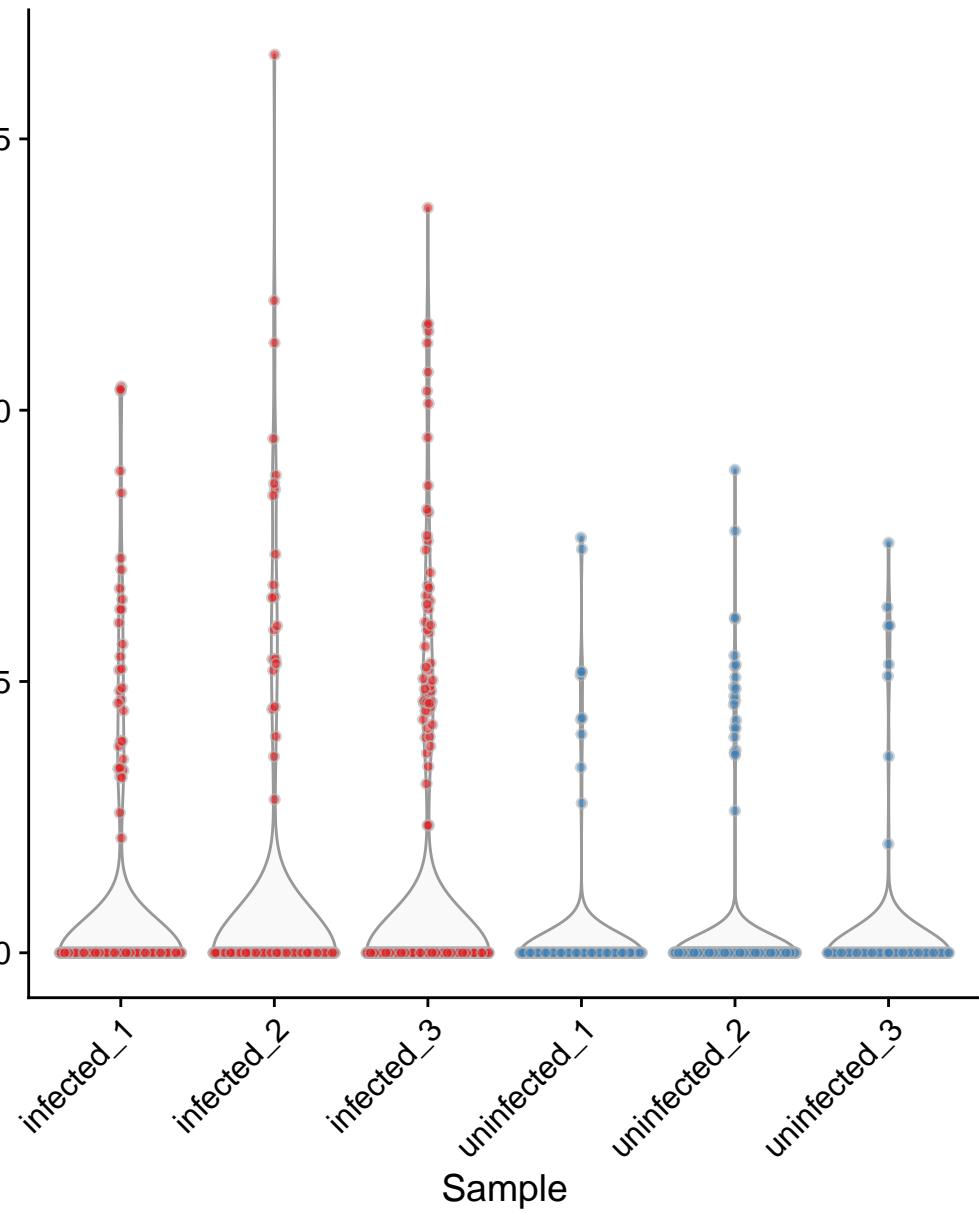
cluster\_7



# CCNE1 (FDR = 0.003)

cluster\_7

Expression (logcounts)

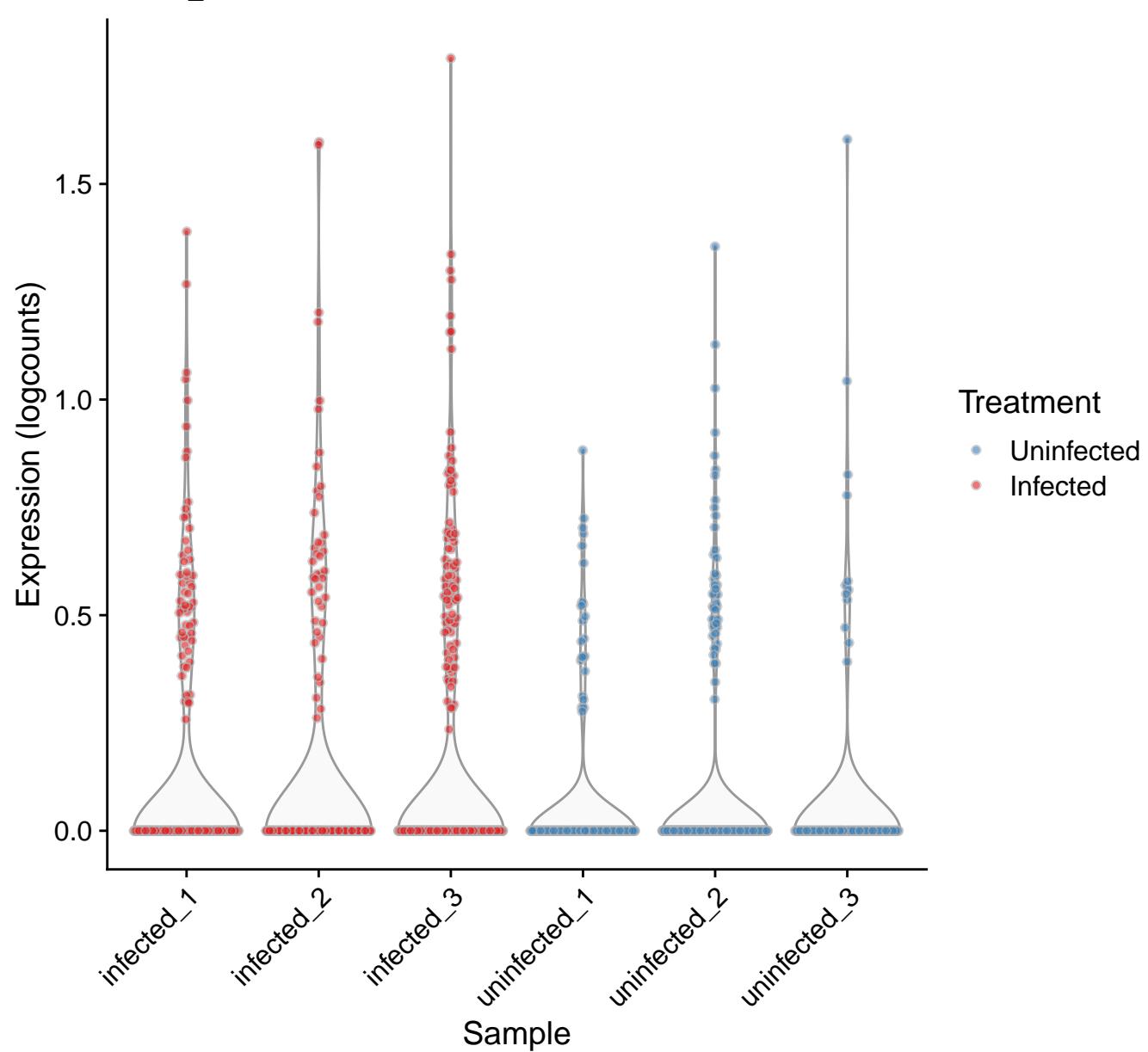


Treatment

- Uninfected
- Infected

## ARSG (FDR = 0.003)

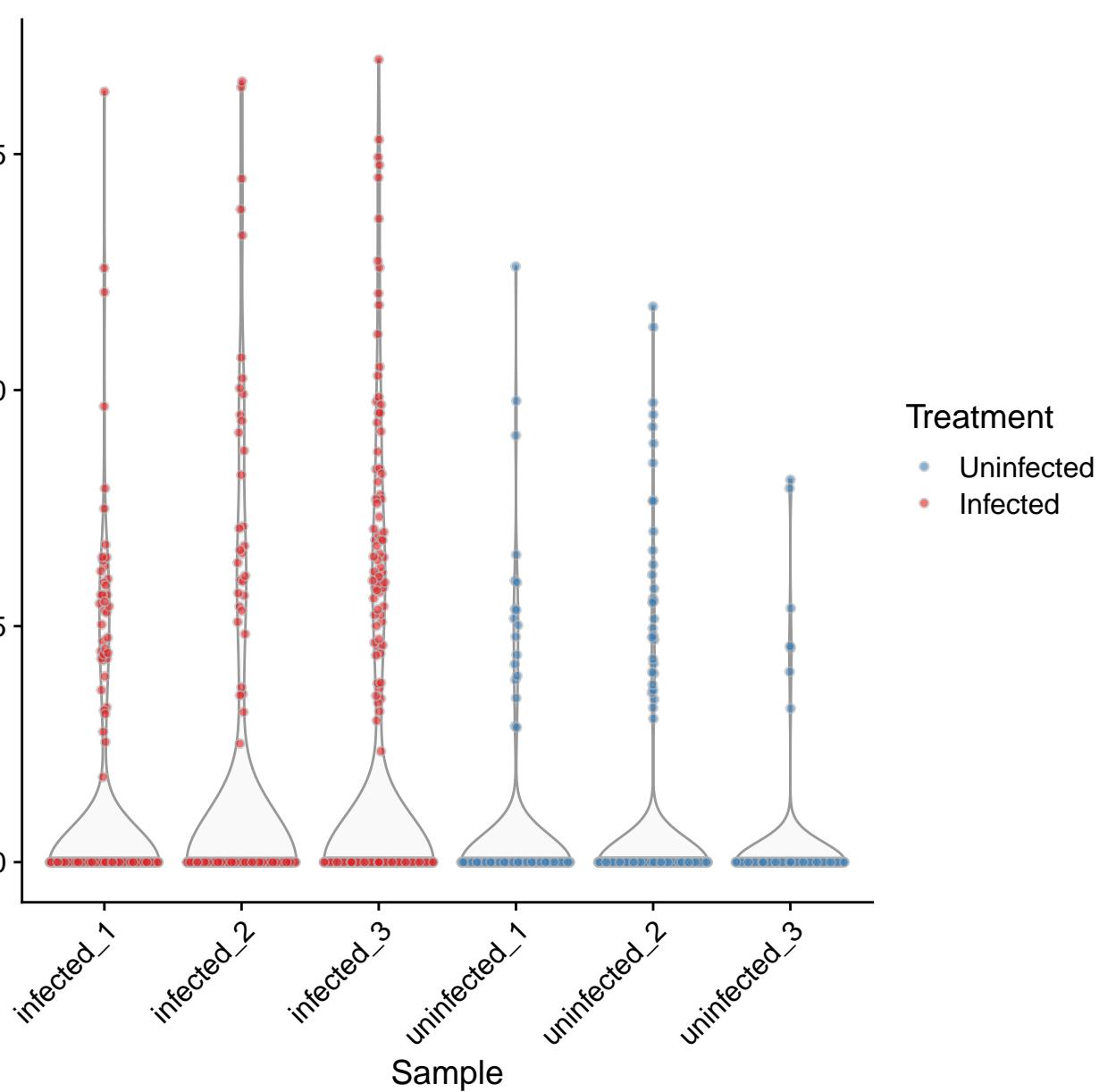
## cluster\_7



# BACH2 (FDR = 0.003)

cluster\_7

Expression (logcounts)



# ETHE1 (FDR = 0.003)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

Treatment

- Uninfected
- Infected

Sample

uninfected\_1

uninfected\_2

uninfected\_3

# SNAP47 (FDR = 0.003)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

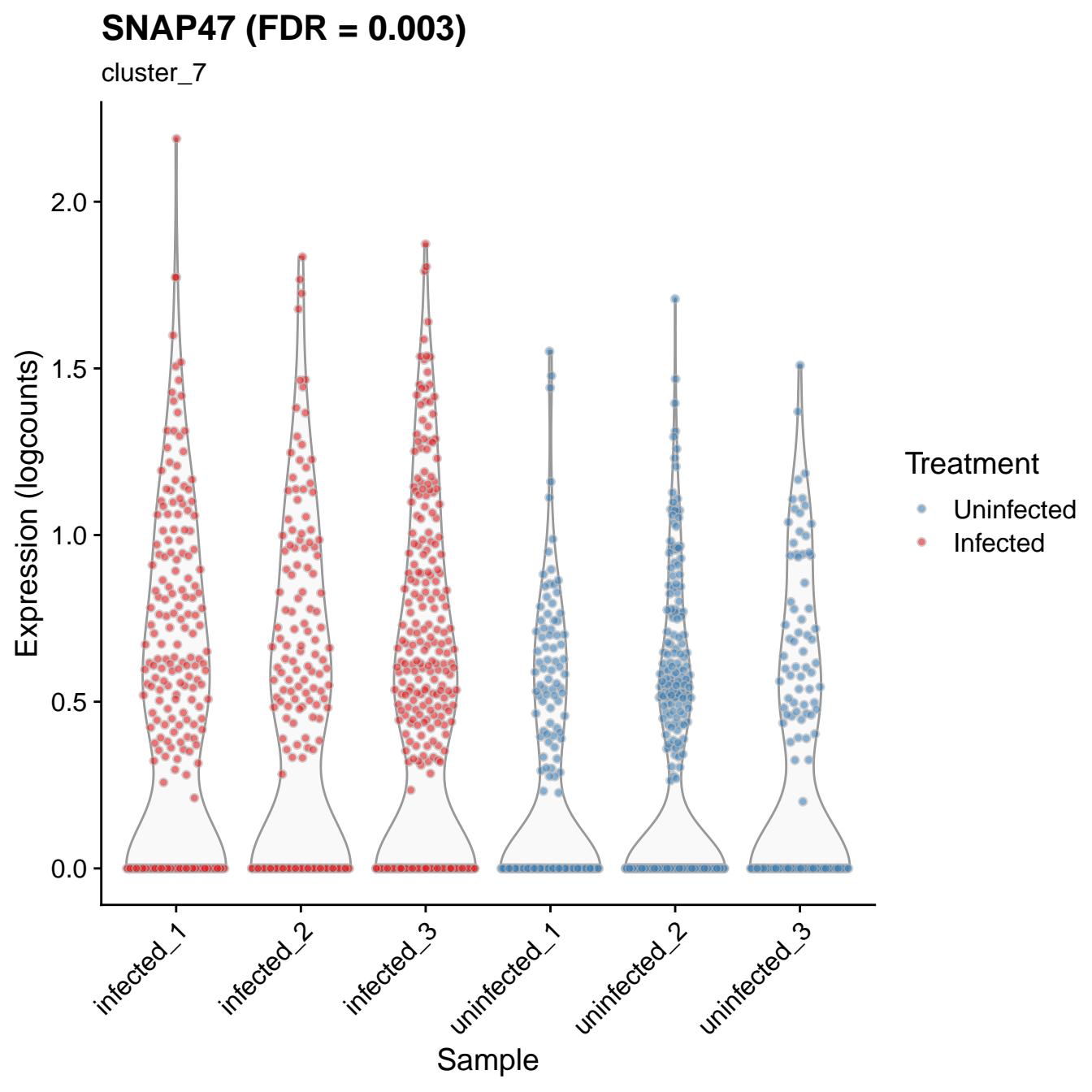
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ATXN1 (FDR = 0.003)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

infected\_1

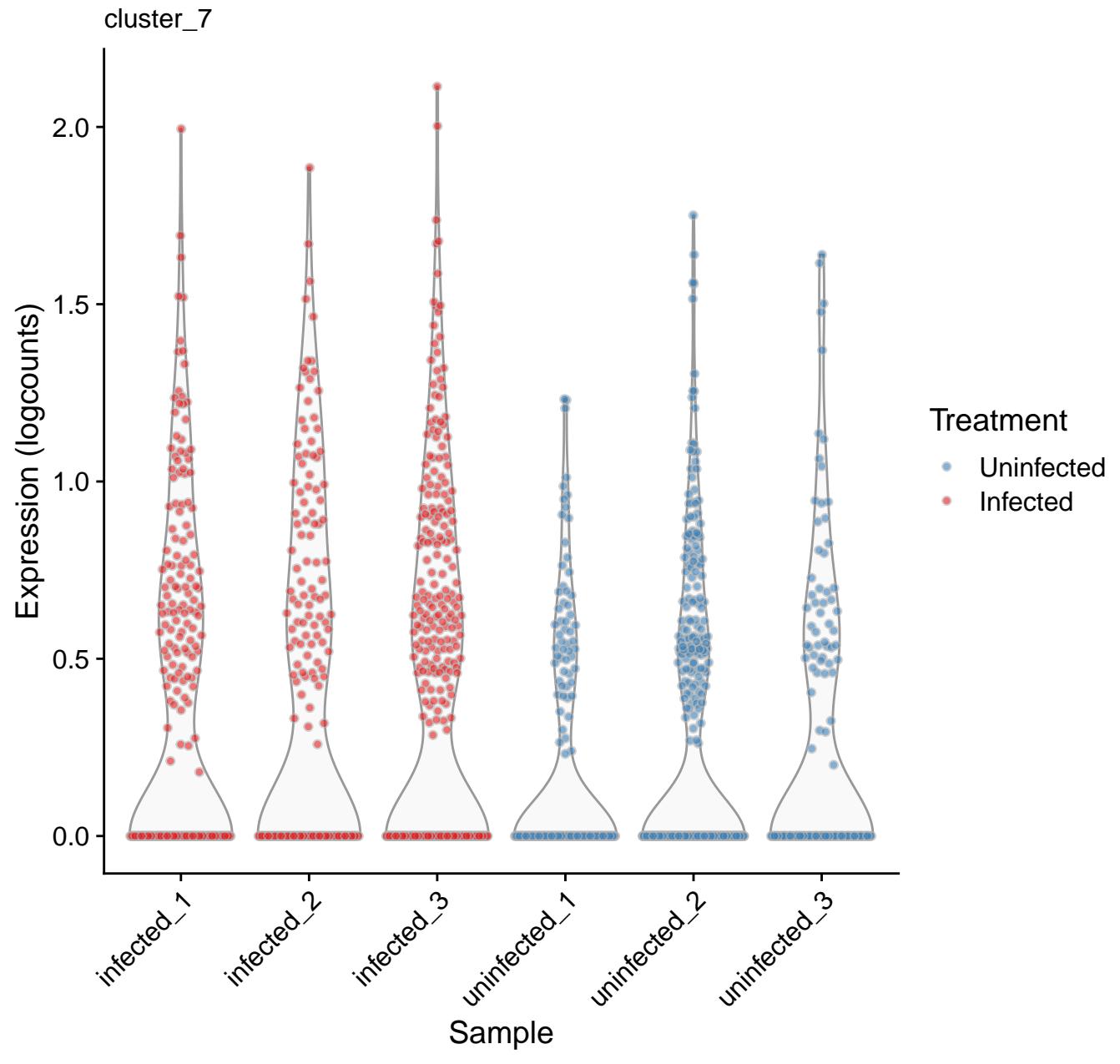
infected\_2

infected\_3

Sample

Treatment

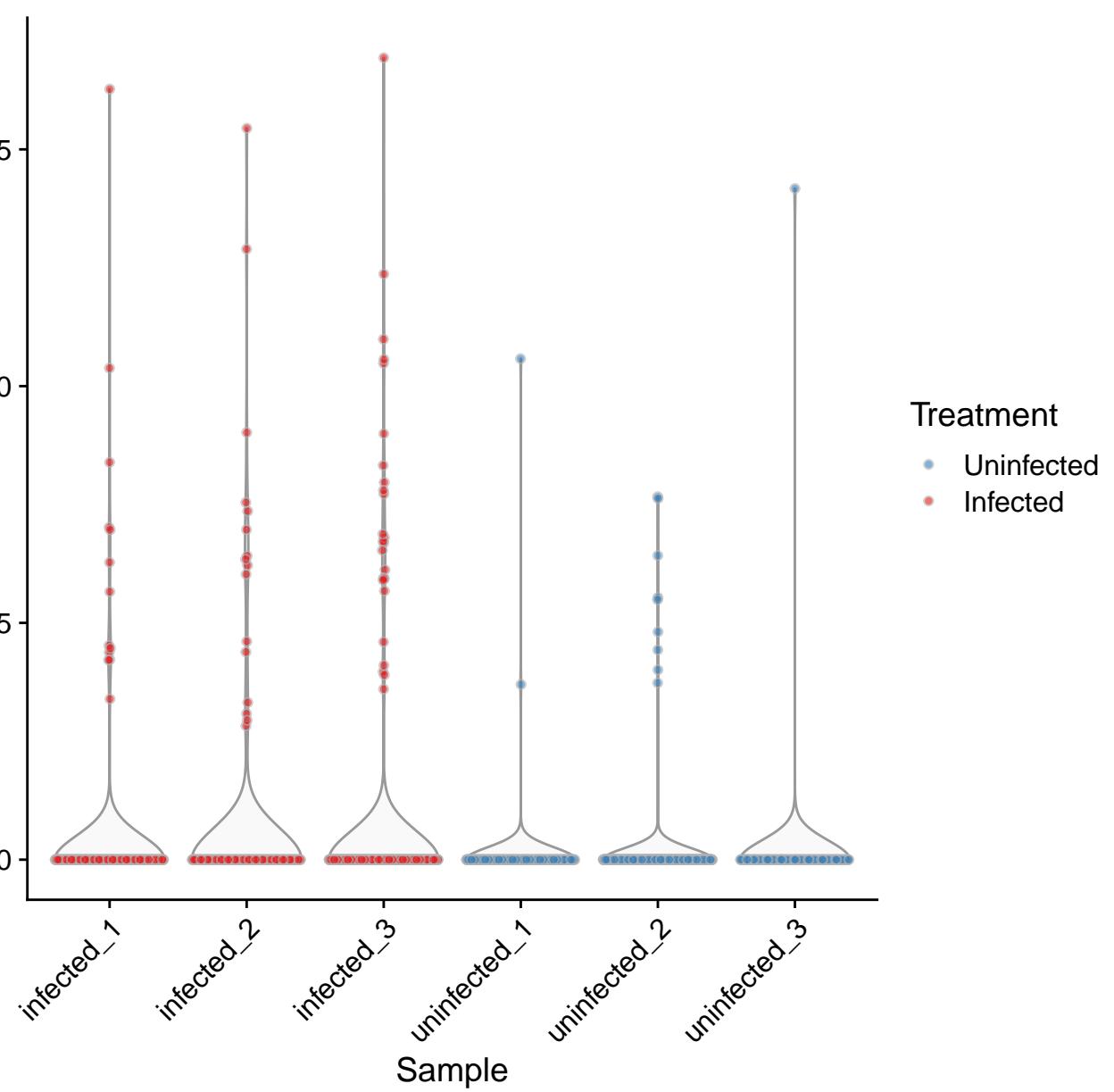
- Uninfected
- Infected



# CCNA1 (FDR = 0.003)

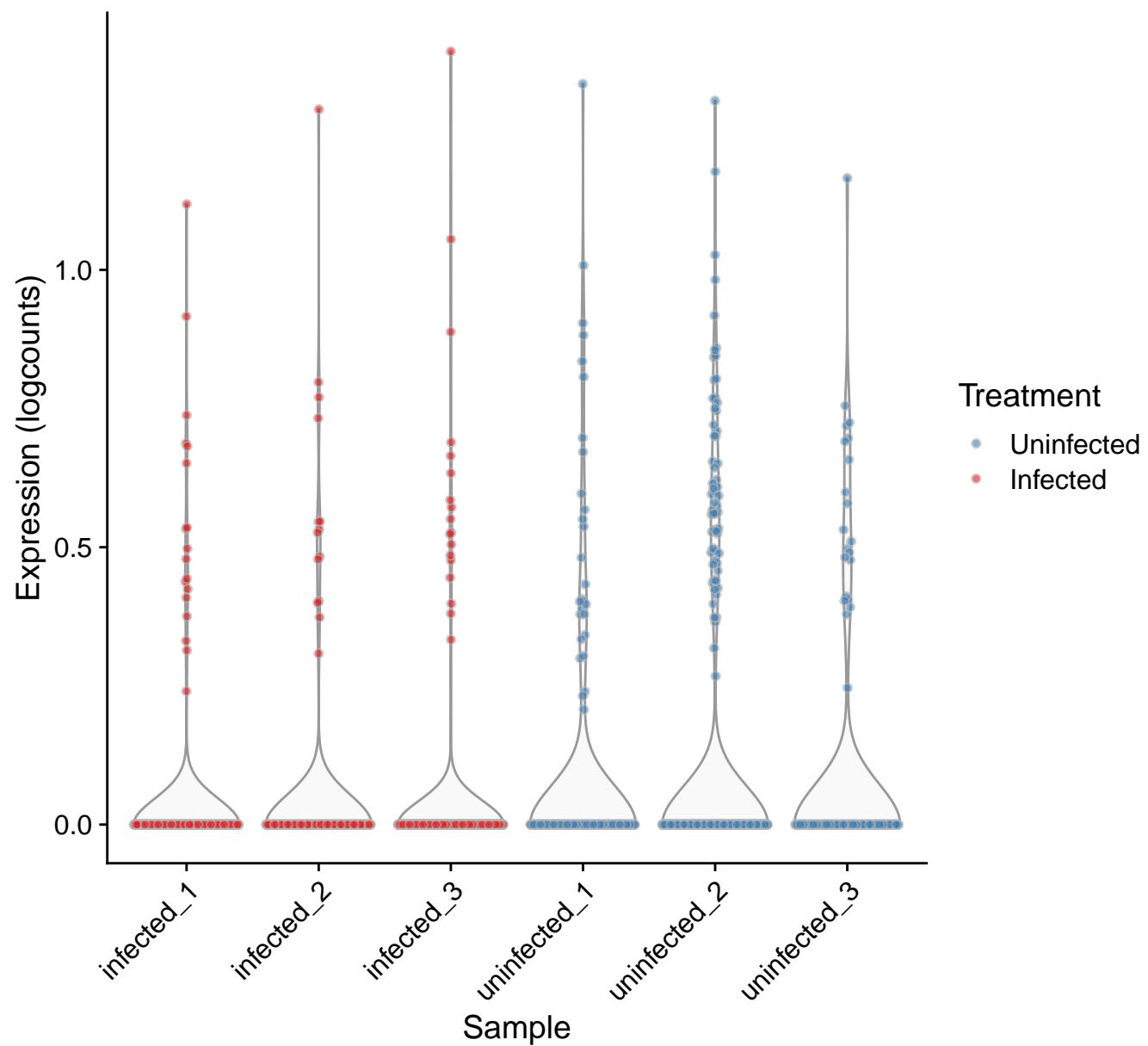
cluster\_7

Expression (logcounts)



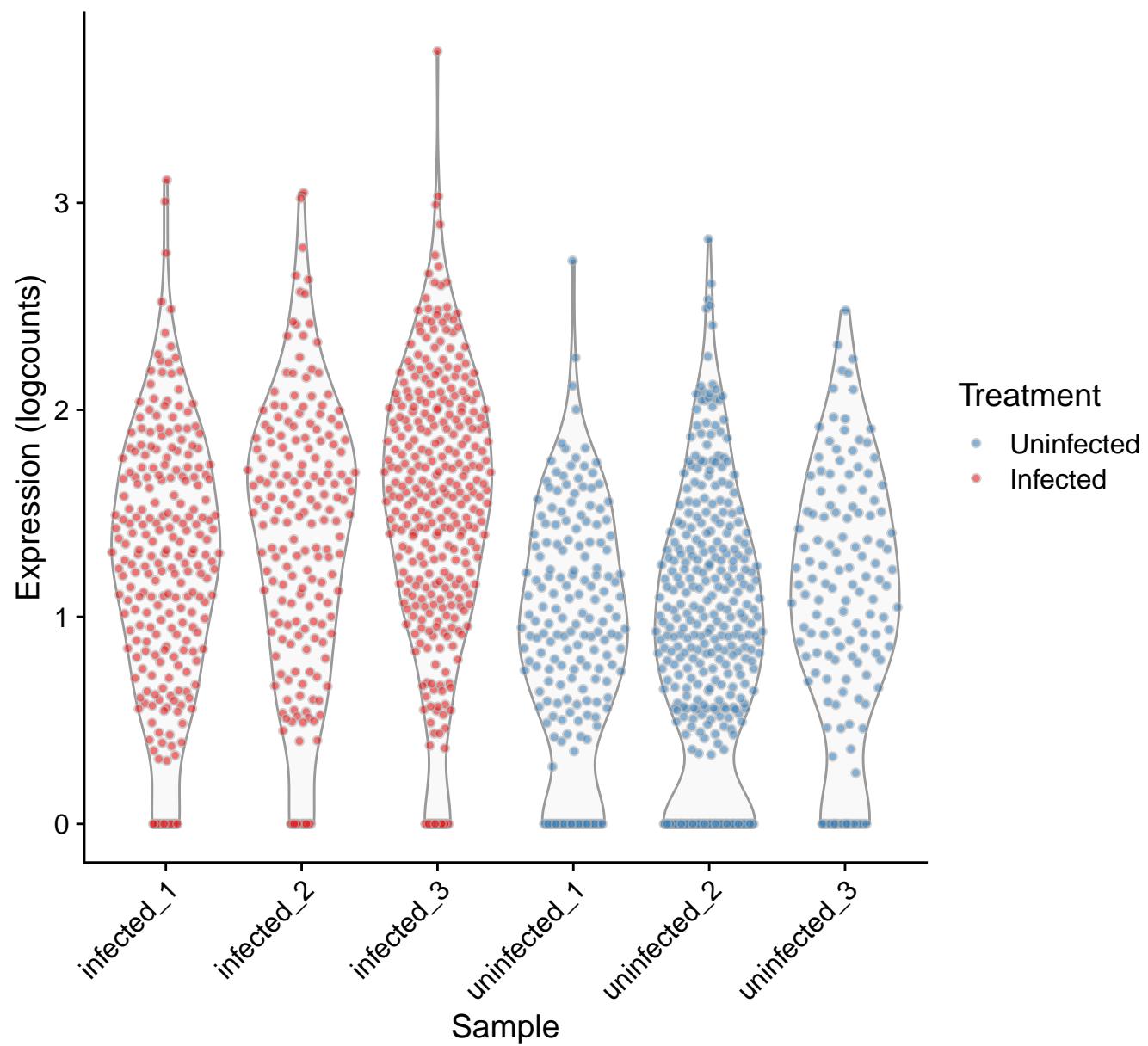
# ERC1 (FDR = 0.003)

cluster\_7



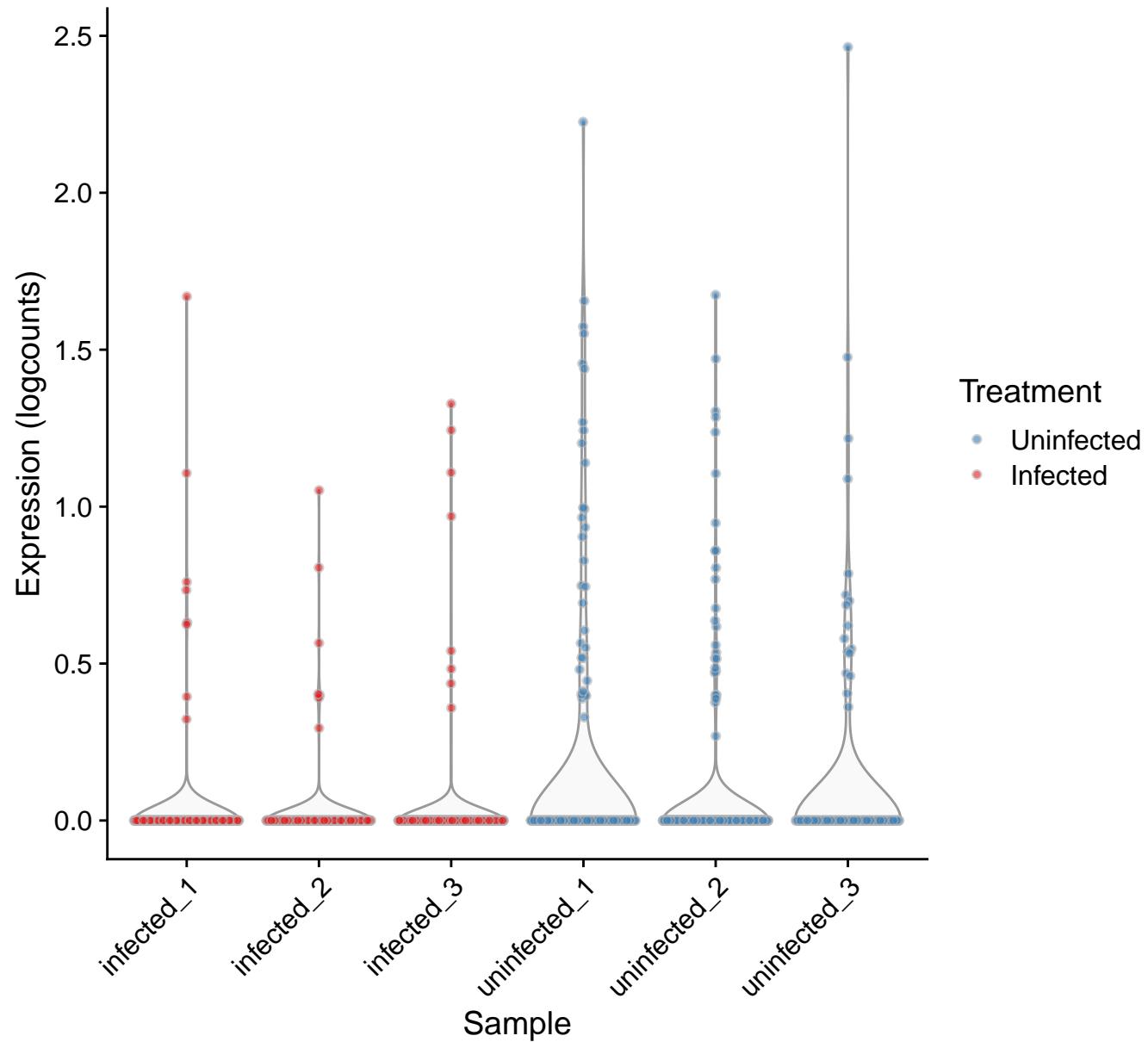
# CTSB (FDR = 0.003)

cluster\_7



# LAIR2 (FDR = 0.003)

cluster\_7



# MYO1F (FDR = 0.003)

cluster\_7

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

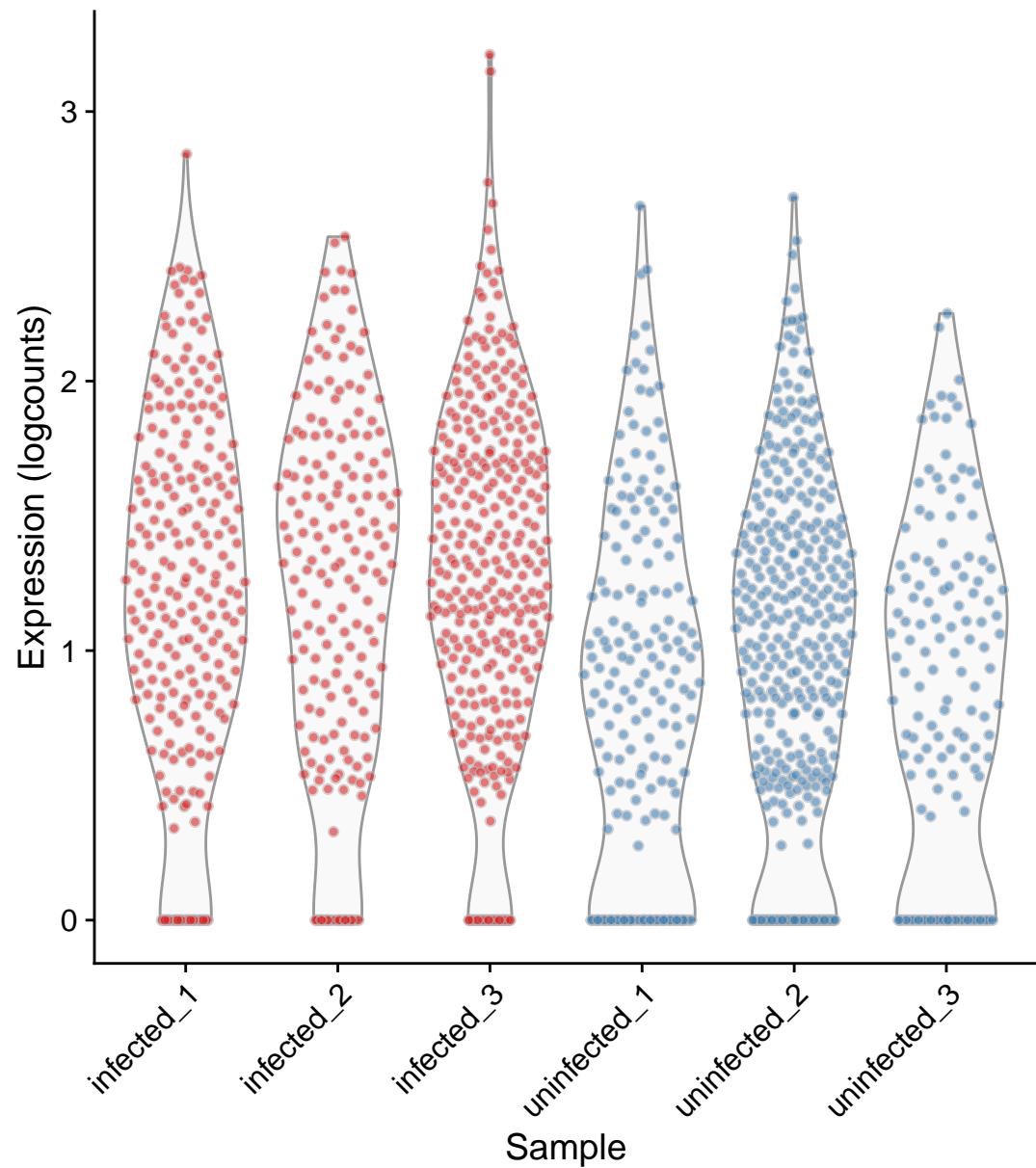
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# PHTF2 (FDR = 0.004)

cluster\_7

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

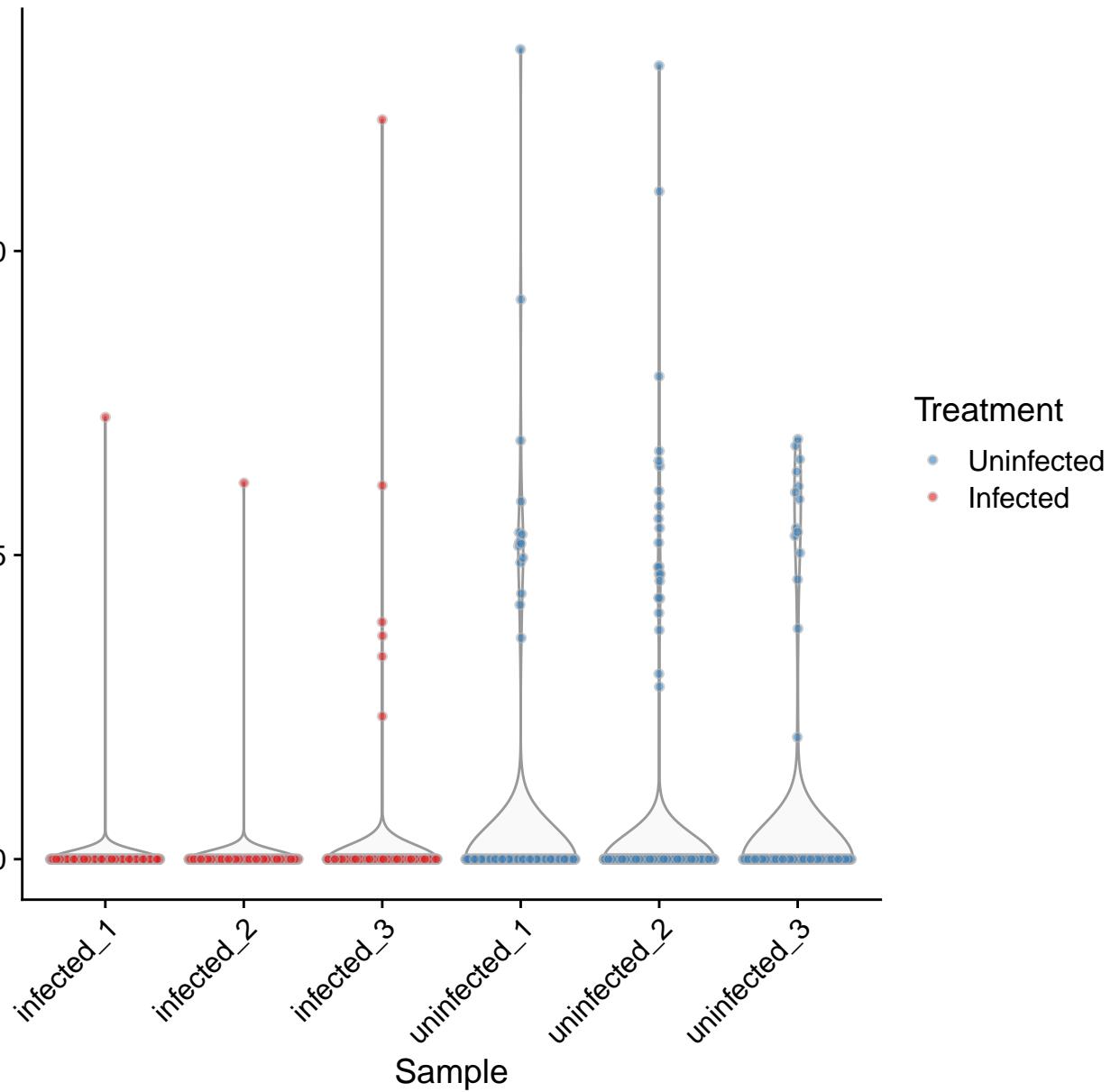
uninfected\_3

Sample

# ATG9B (FDR = 0.004)

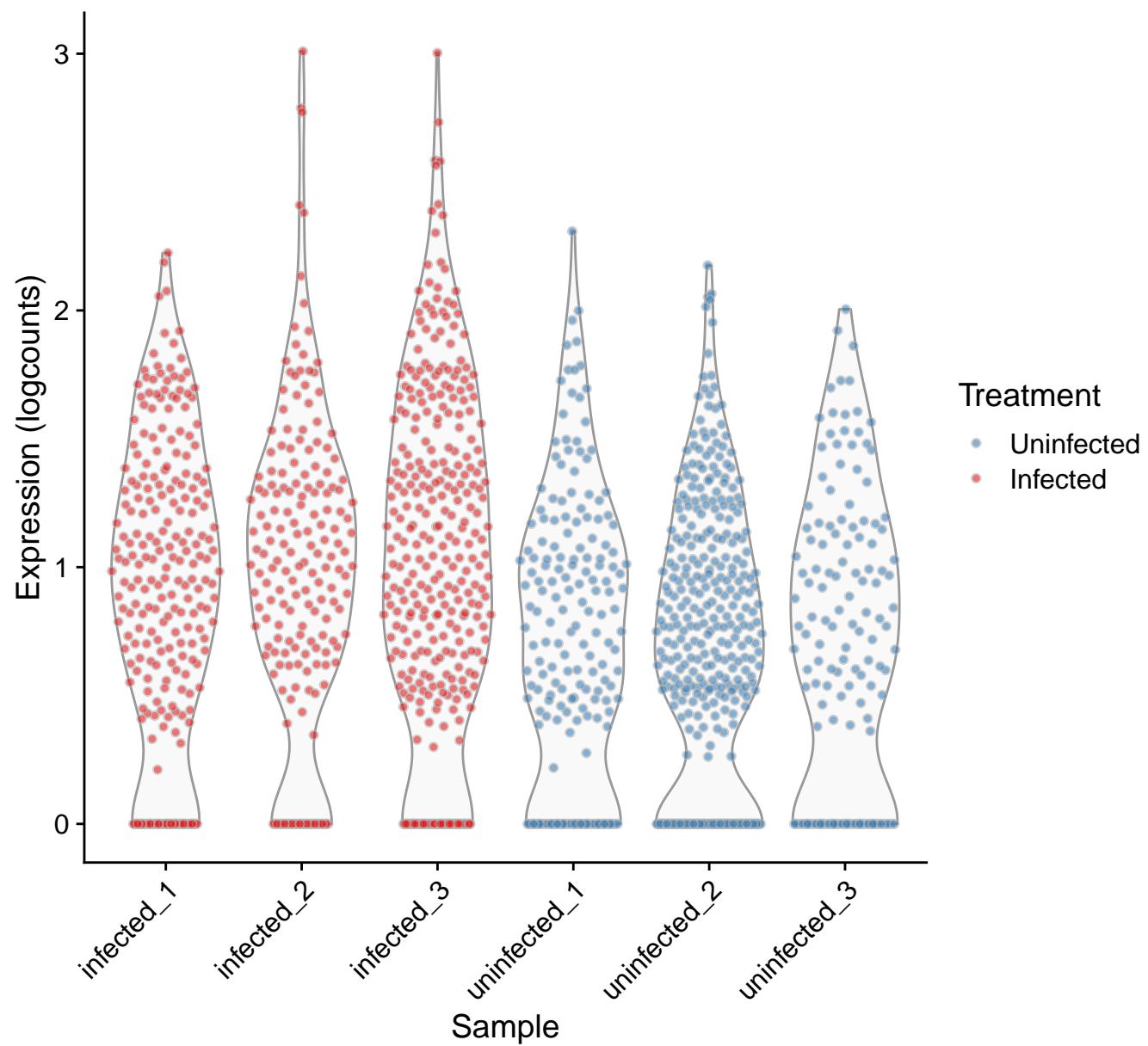
cluster\_7

Expression (logcounts)



# TRABD (FDR = 0.004)

cluster\_7



# VOPP1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

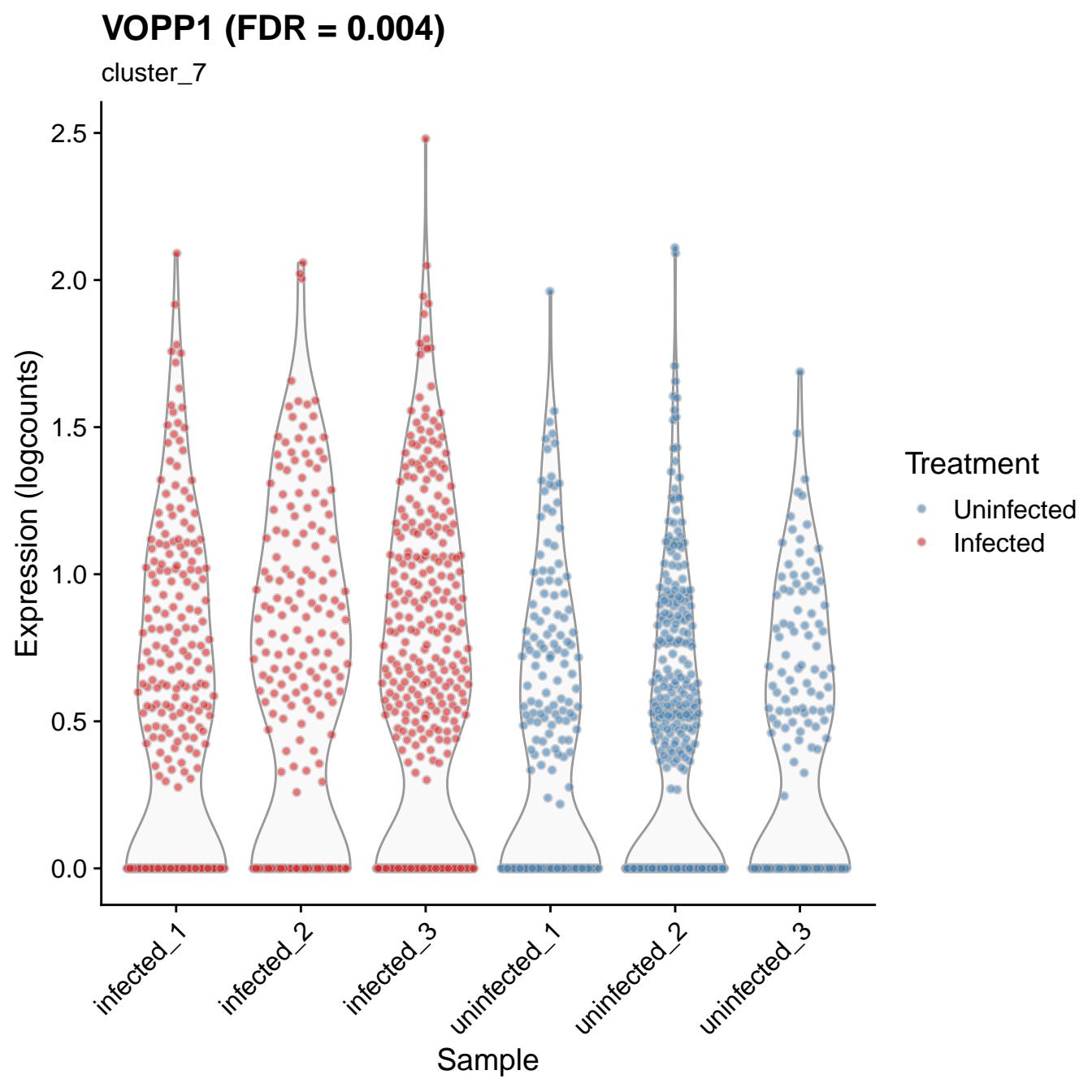
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# JAG1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

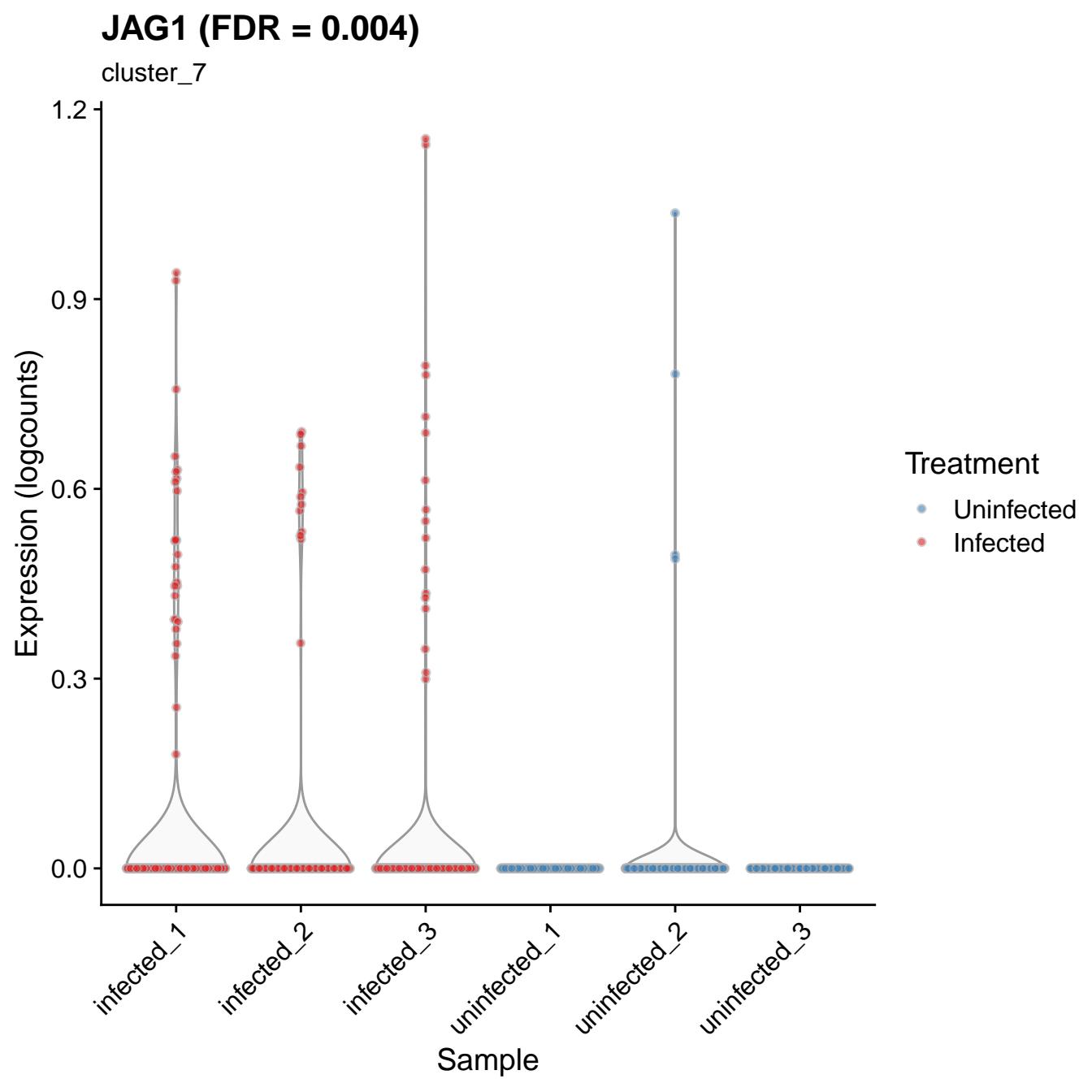
1.2  
0.9  
0.6  
0.3  
0.0

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

Sample

Treatment

- Uninfected
- Infected



# HSH2D (FDR = 0.004)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

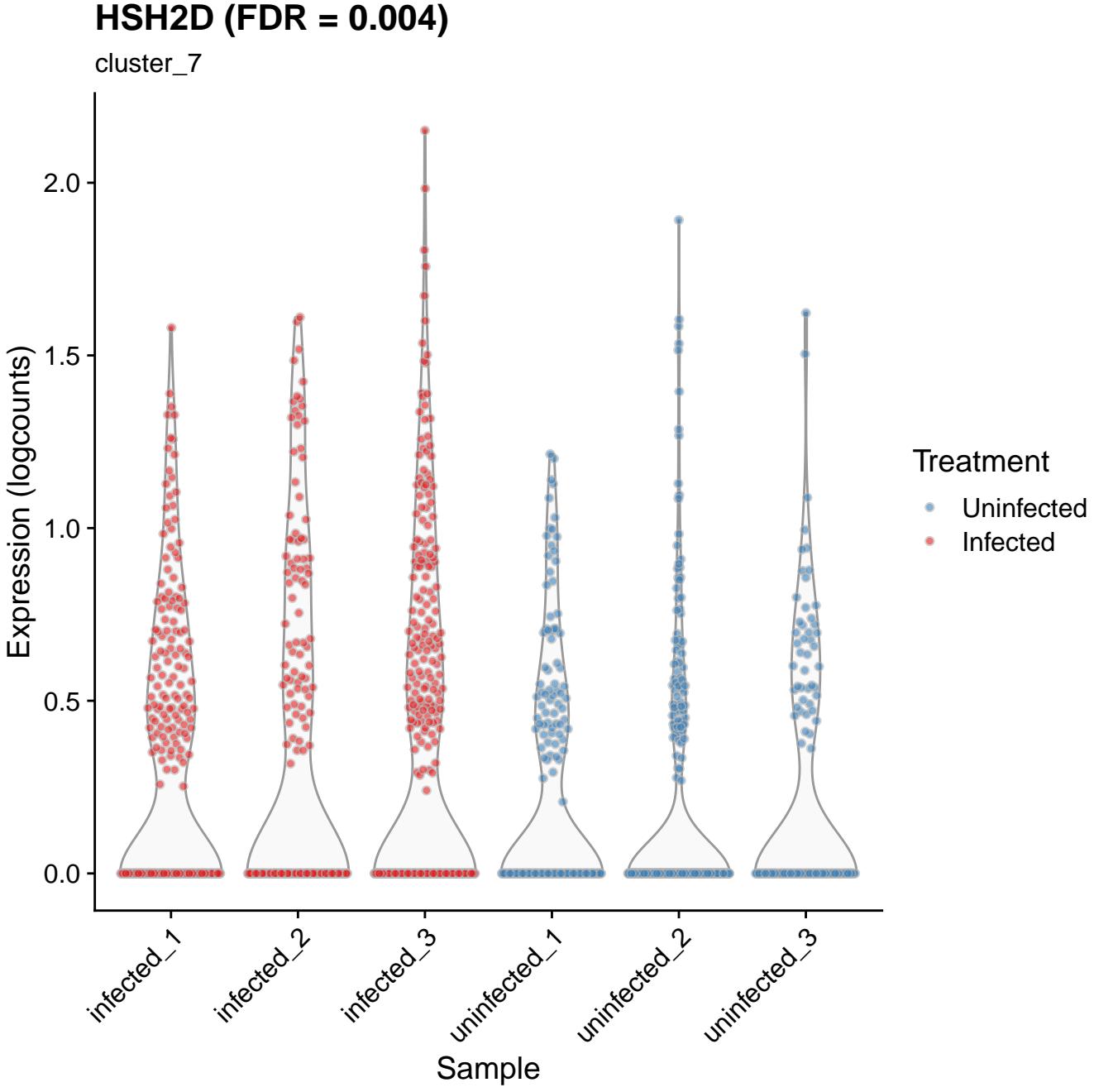
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# LY96 (FDR = 0.004)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

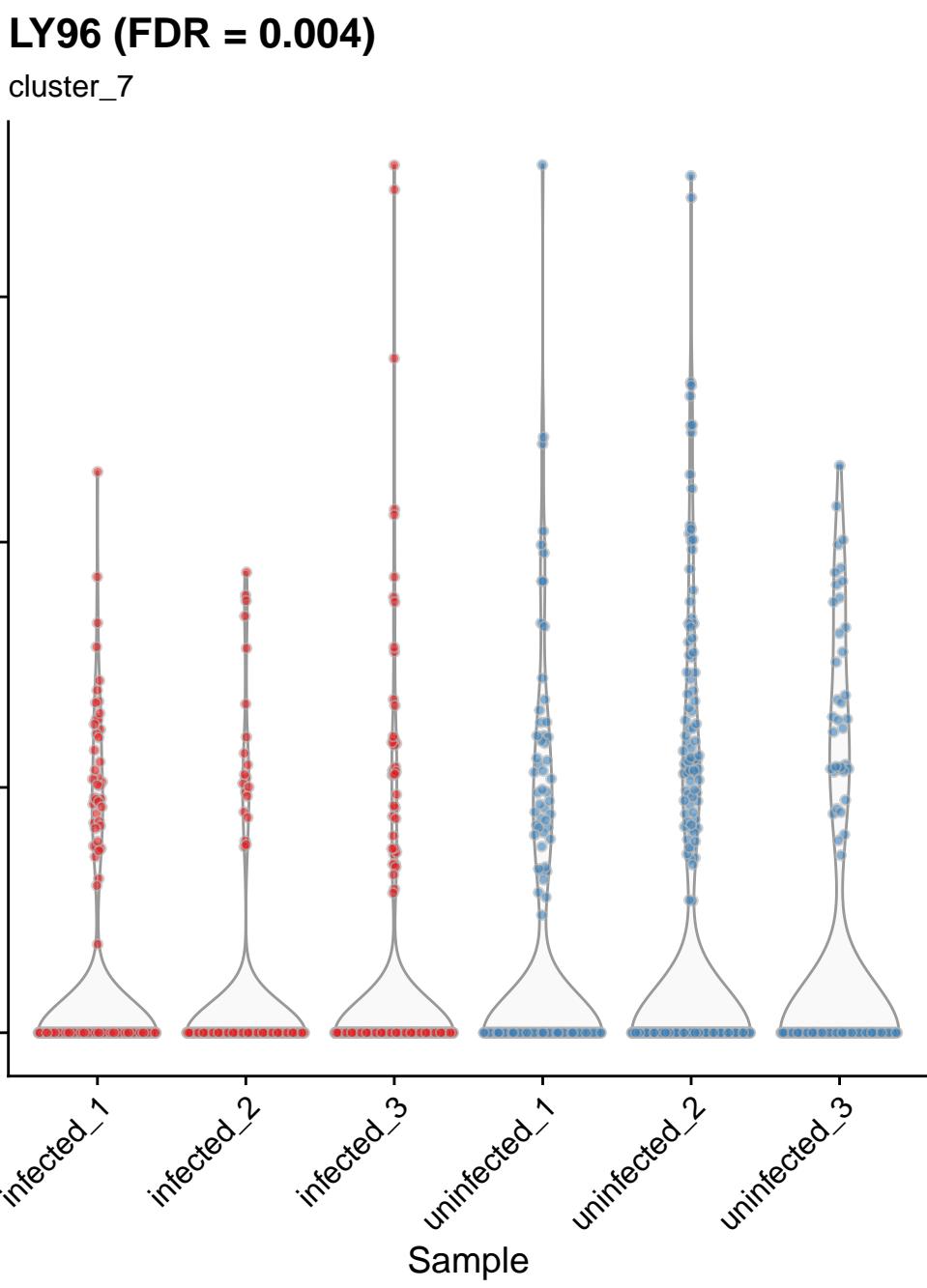
infected\_3

Sample

uninfected\_1

uninfected\_2

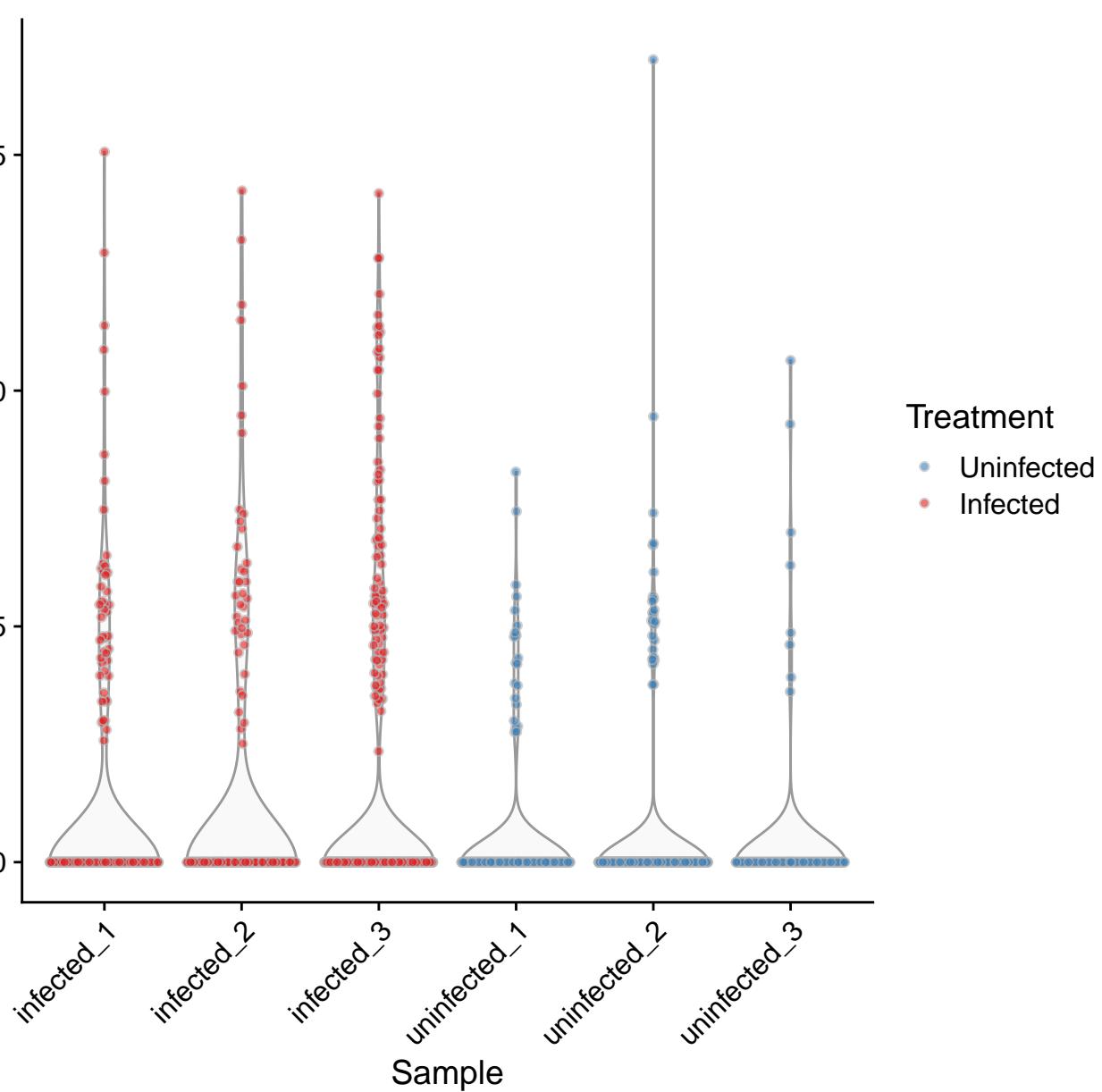
uninfected\_3



# FZD6 (FDR = 0.004)

cluster\_7

Expression (logcounts)



# **SNX2 (FDR = 0.004)**

cluster\_7

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3

# ZBTB8OS (FDR = 0.004)

cluster\_7

