

# HLA-DRB1 (FDR = 6e-08)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

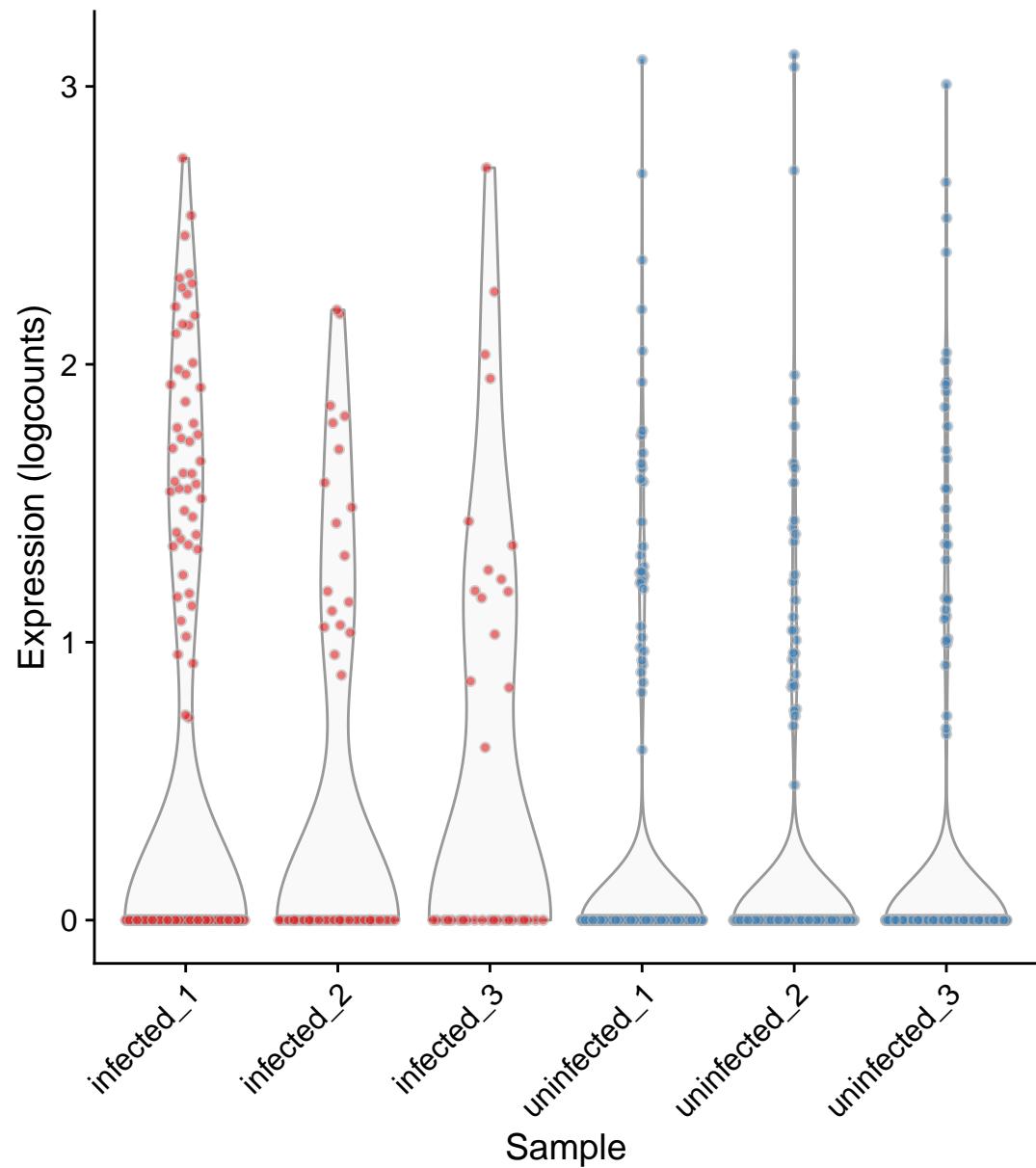
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# GLUL (FDR = 1e-07)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

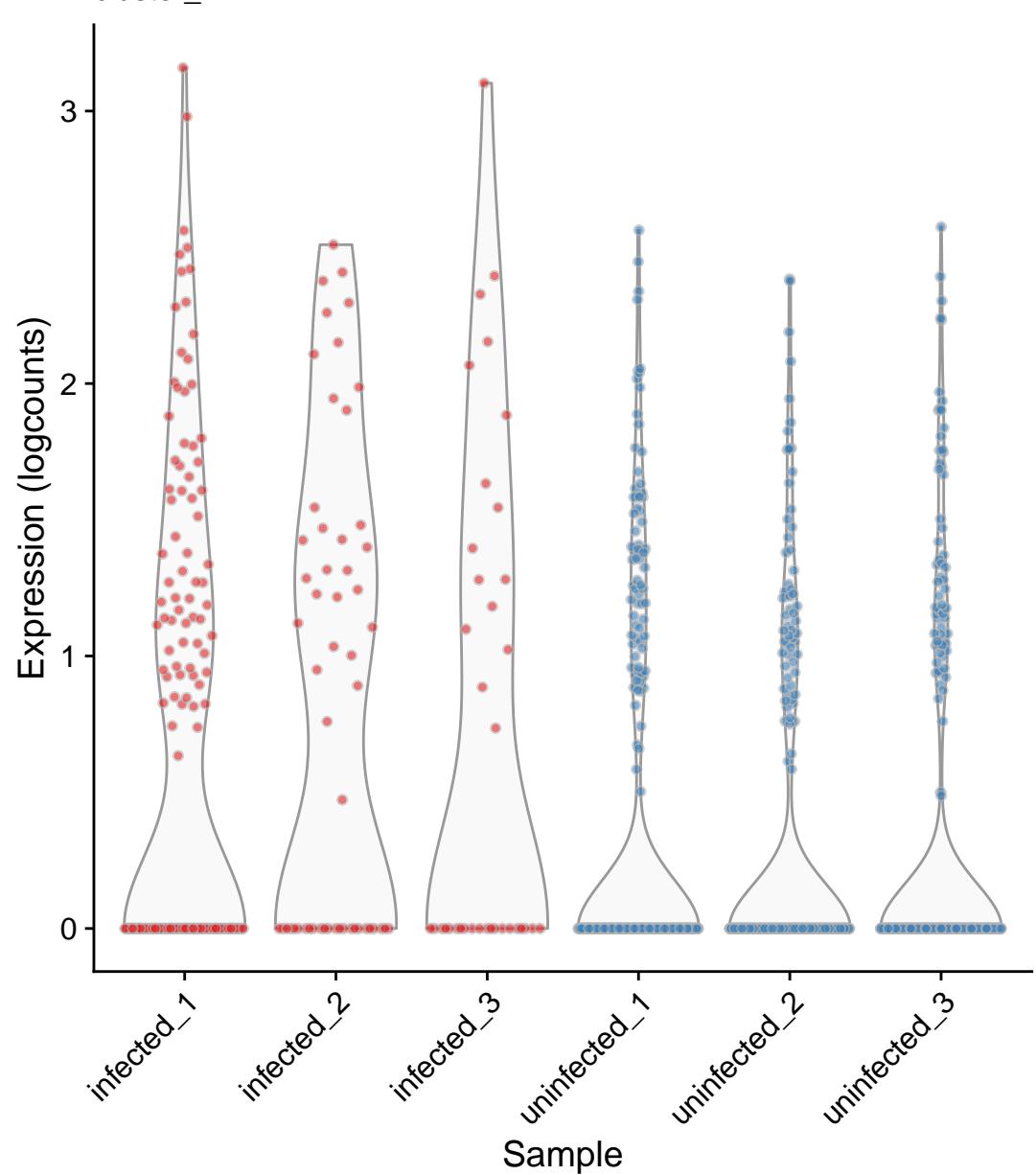
uninfected\_2

uninfected\_3

Sample

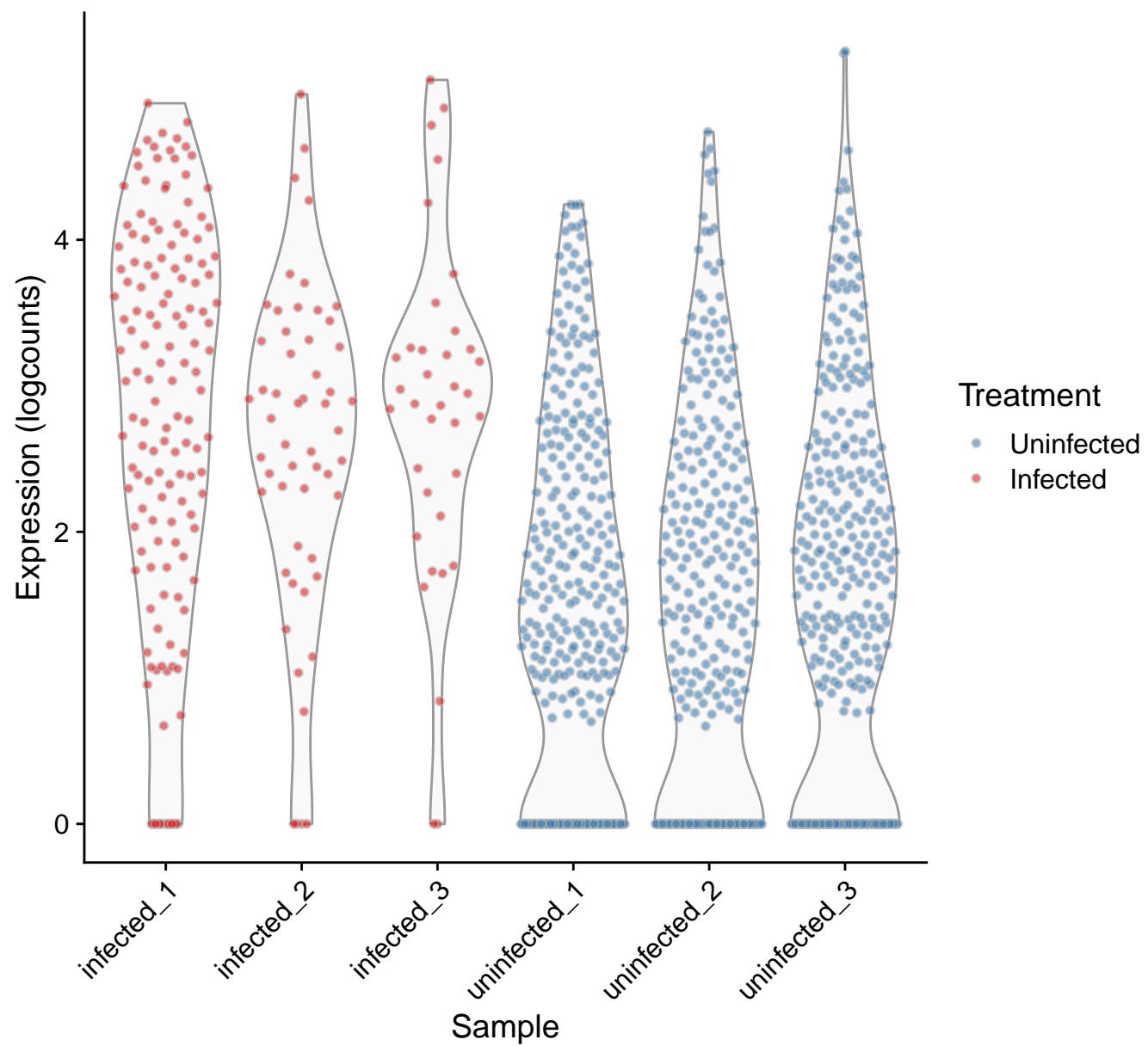
Treatment

- Uninfected
- Infected



# CD74 (FDR = 2e-07)

cluster\_4



# HLA-DRB5 (FDR = 8e-07)

cluster\_4

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample

# HLA-DPA1 (FDR = 3e-06)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

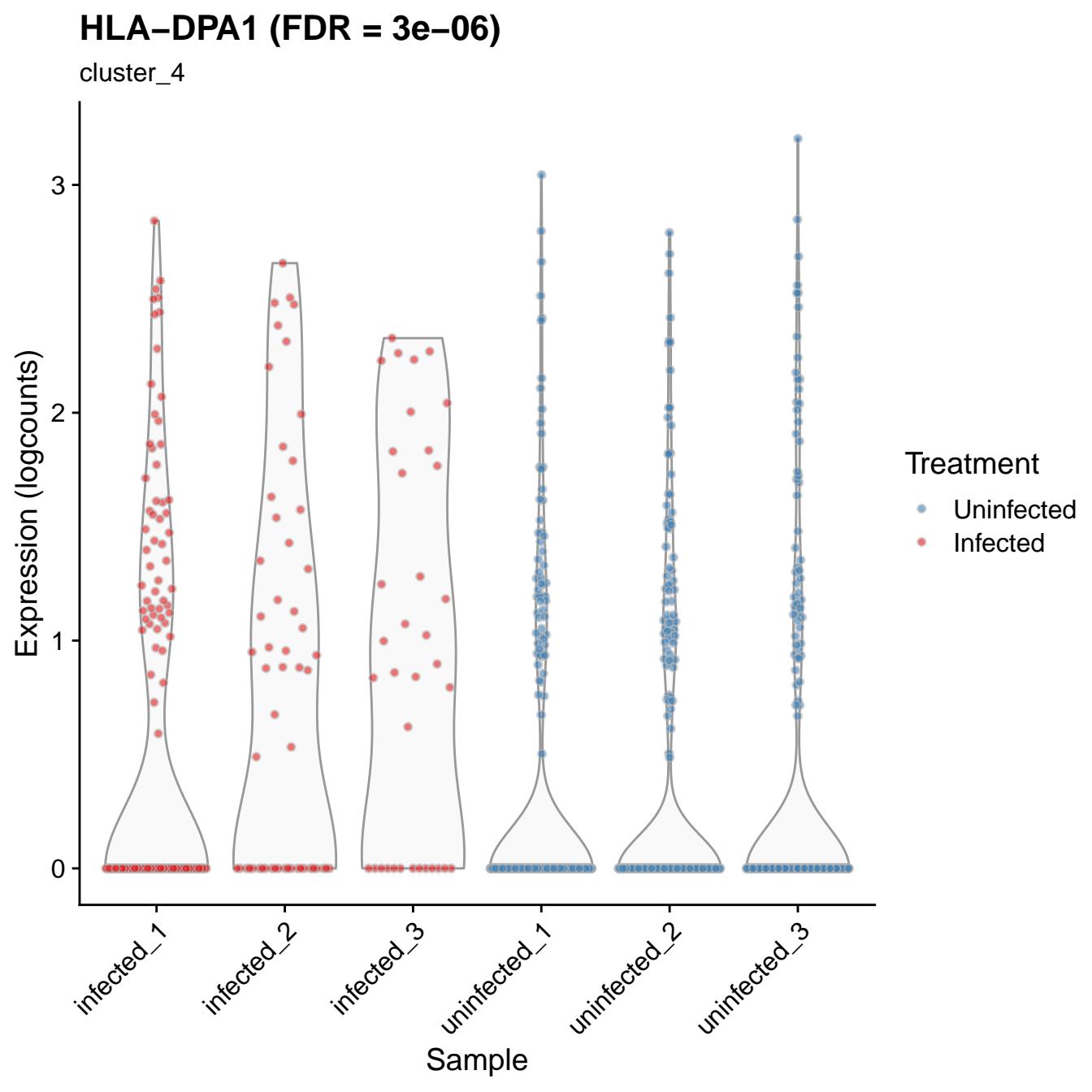
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# CCL5 (FDR = 9e-06)

cluster\_4

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample

4

3

2

1

0

1

2

3

4

# CBLB (FDR = 9e-06)

cluster\_4

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

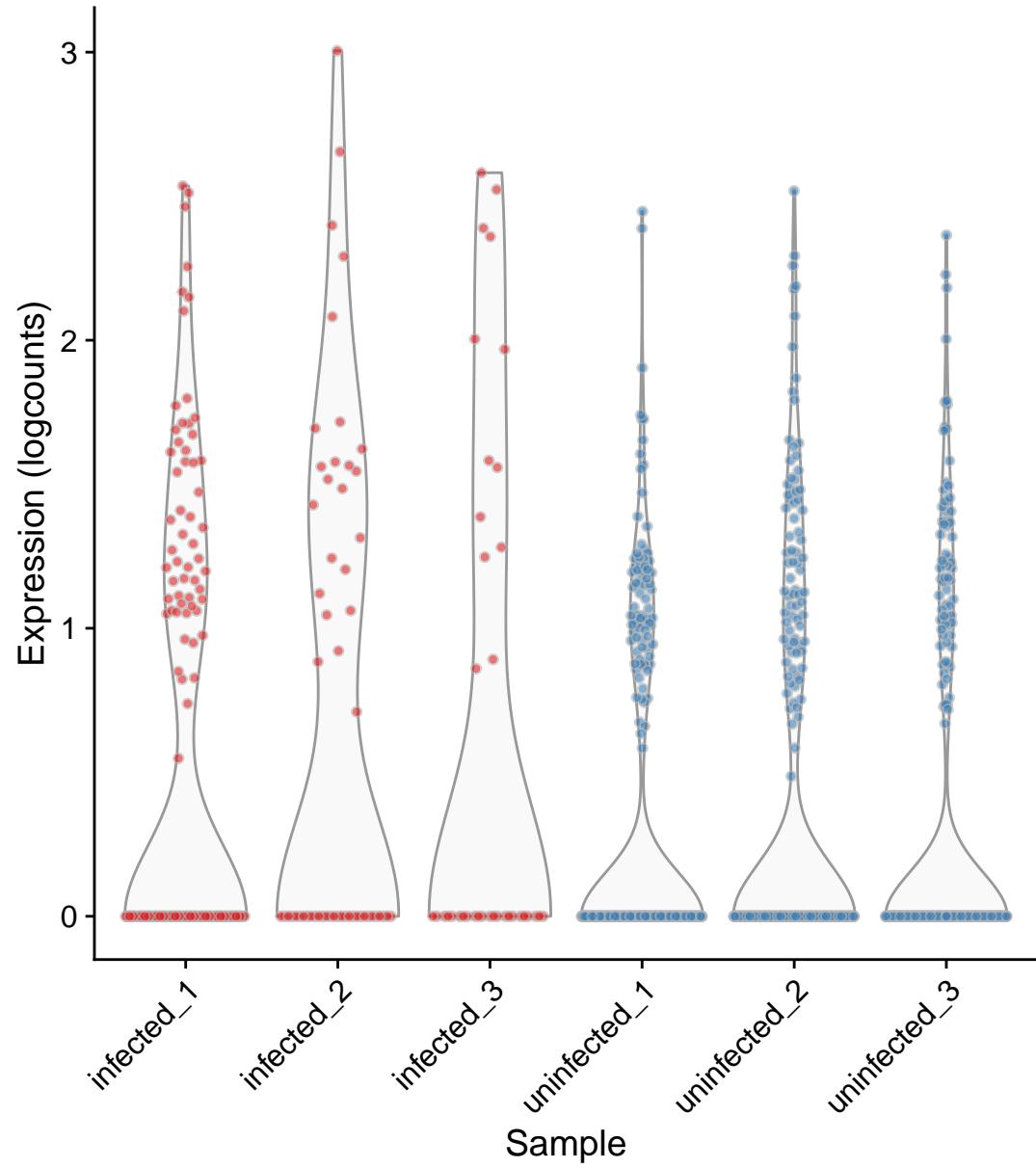
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# HLA-DPB1 (FDR = 1e-05)

cluster\_4

Expression (logcounts)

3

2

0

infected\_1

infected\_2

infected\_3

uninfected\_1

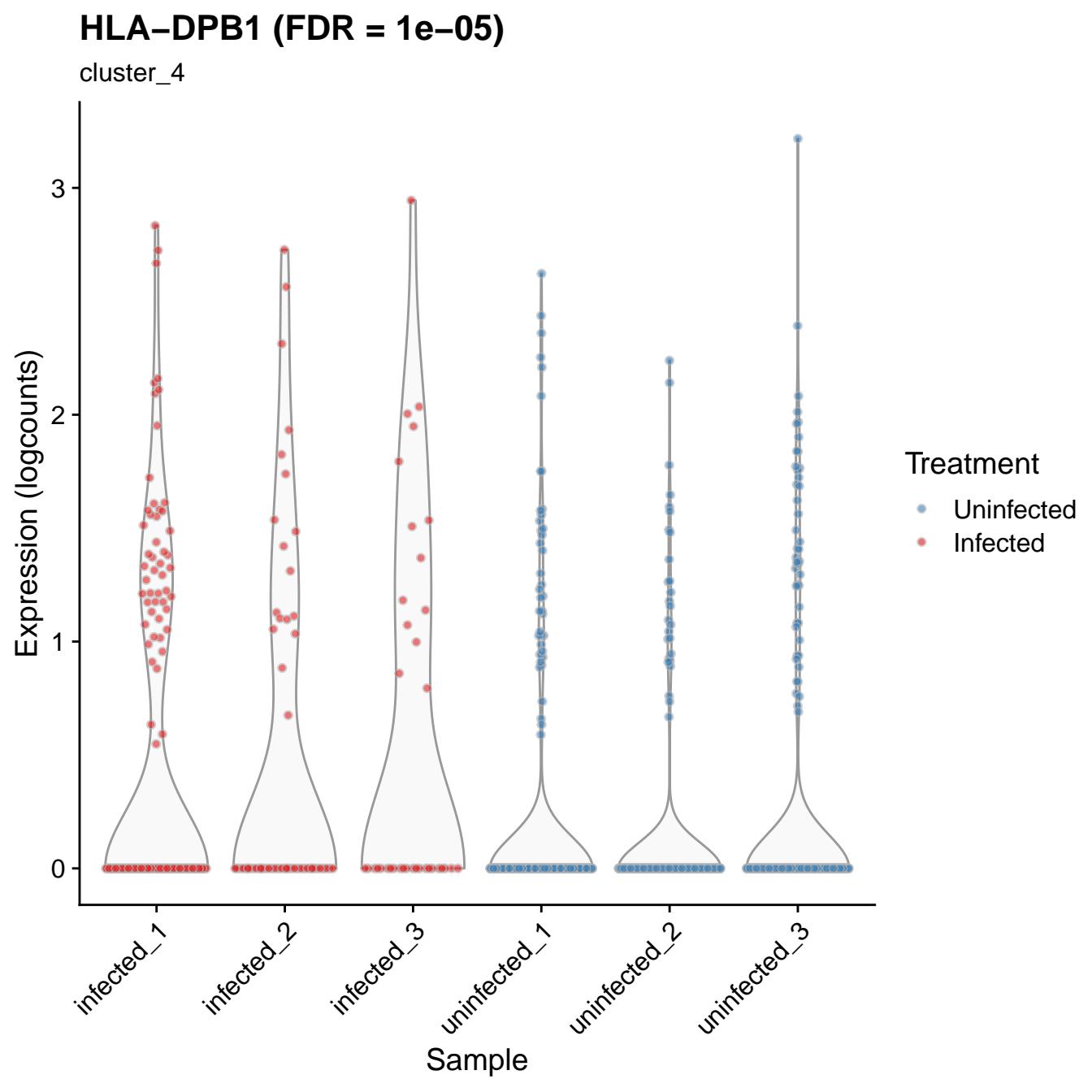
uninfected\_2

uninfected\_3

Sample

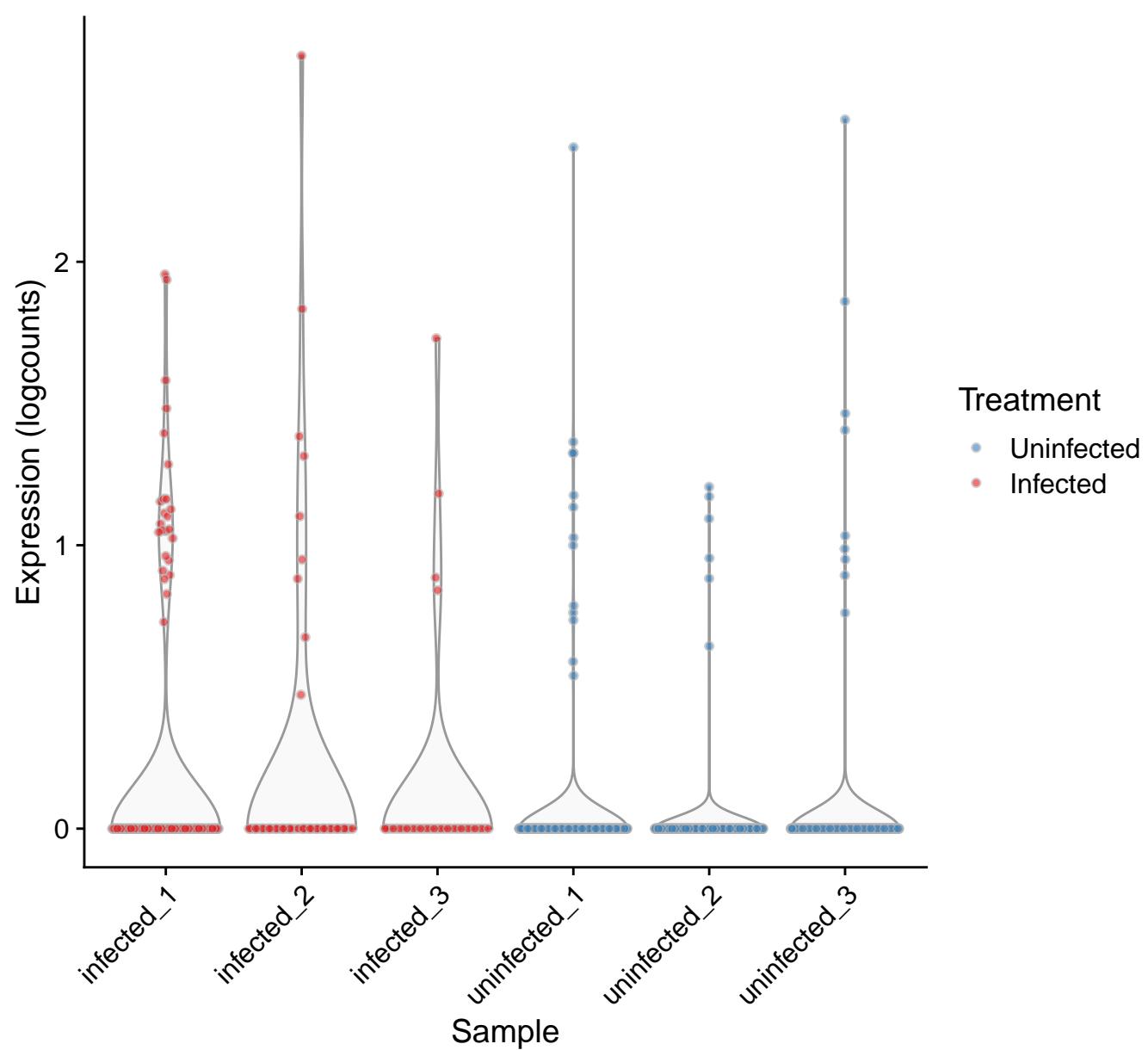
Treatment

- Uninfected
- Infected



## RGS2 (FDR = 3e-05)

## cluster\_4



# CST7 (FDR = 3e-05)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

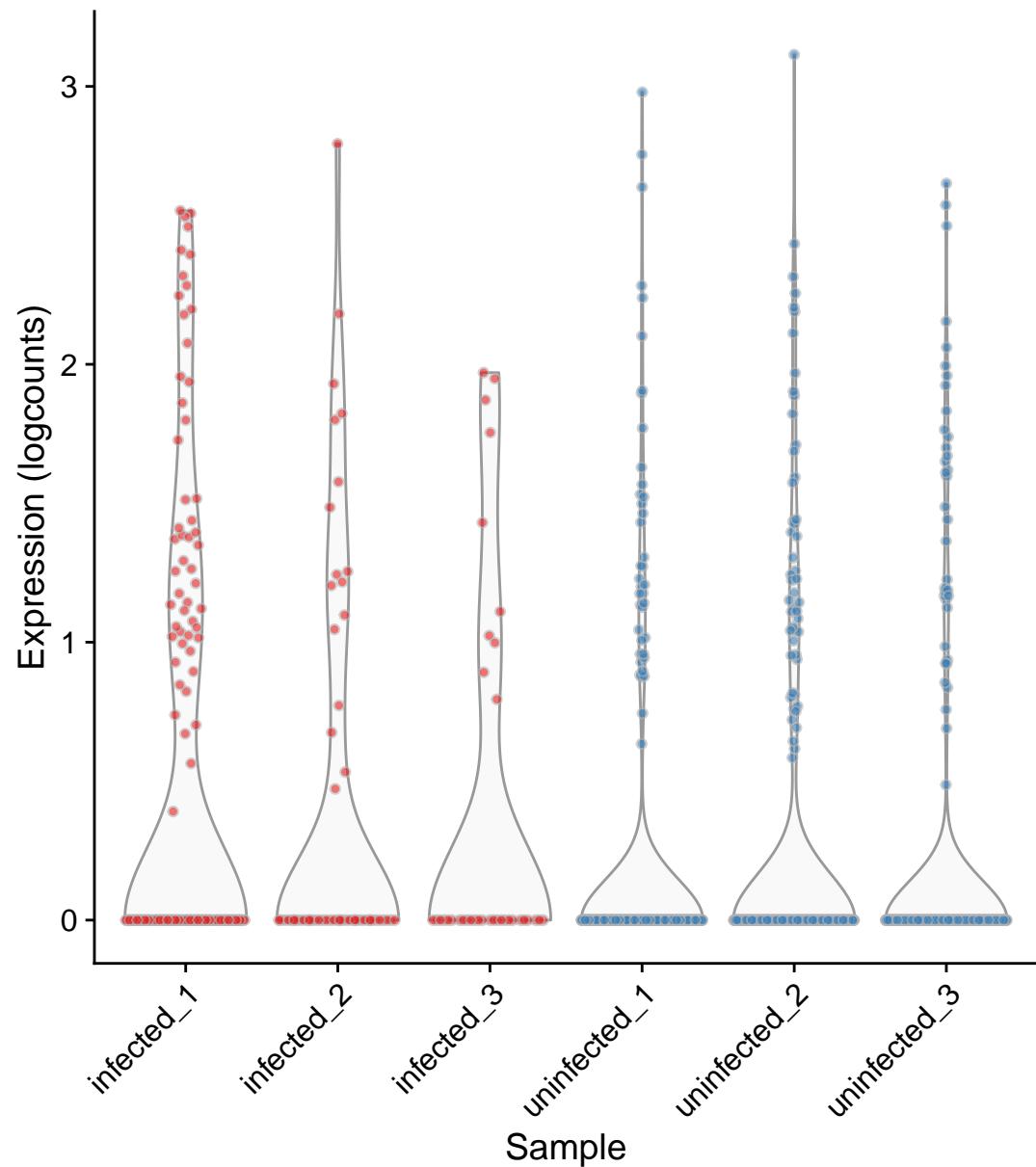
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# TRABD2A (FDR = 7e-05)

cluster\_4

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_2

uninfected\_3

# HPGDS (FDR = 1e-04)

cluster\_4

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

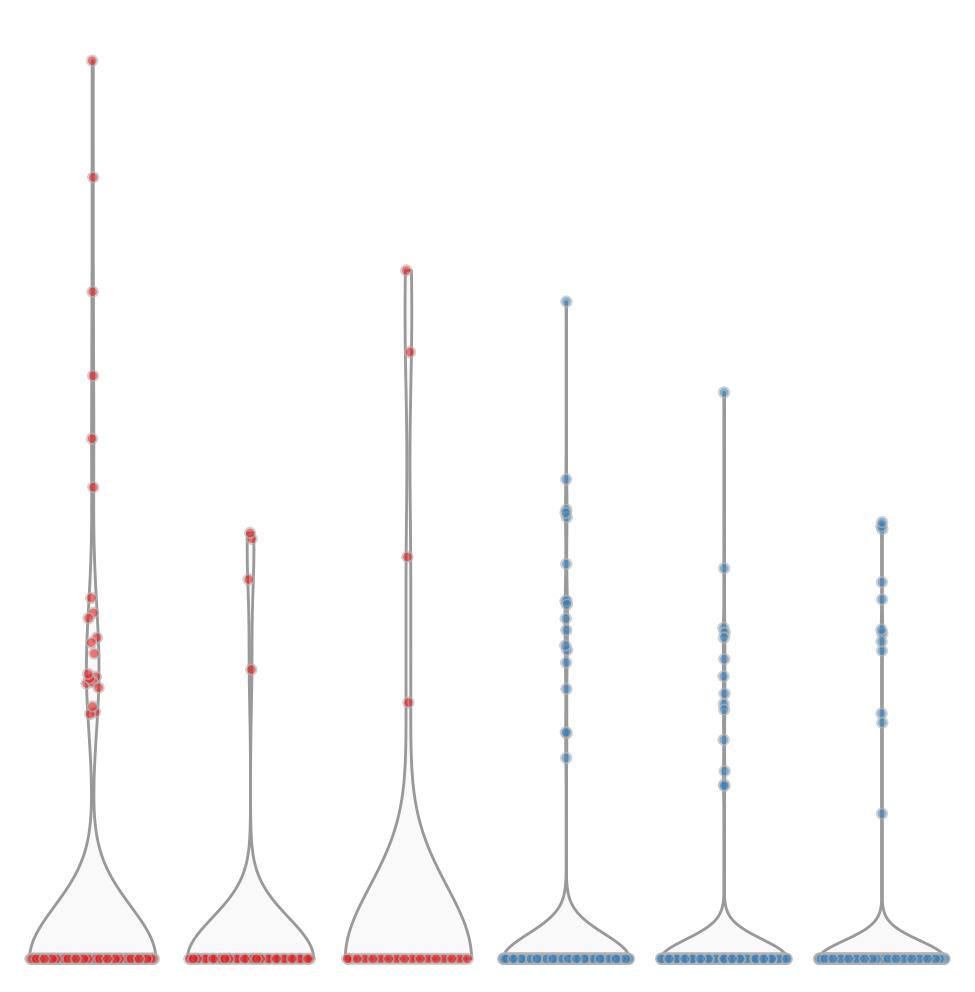
infected\_3

Sample

uninfected\_1

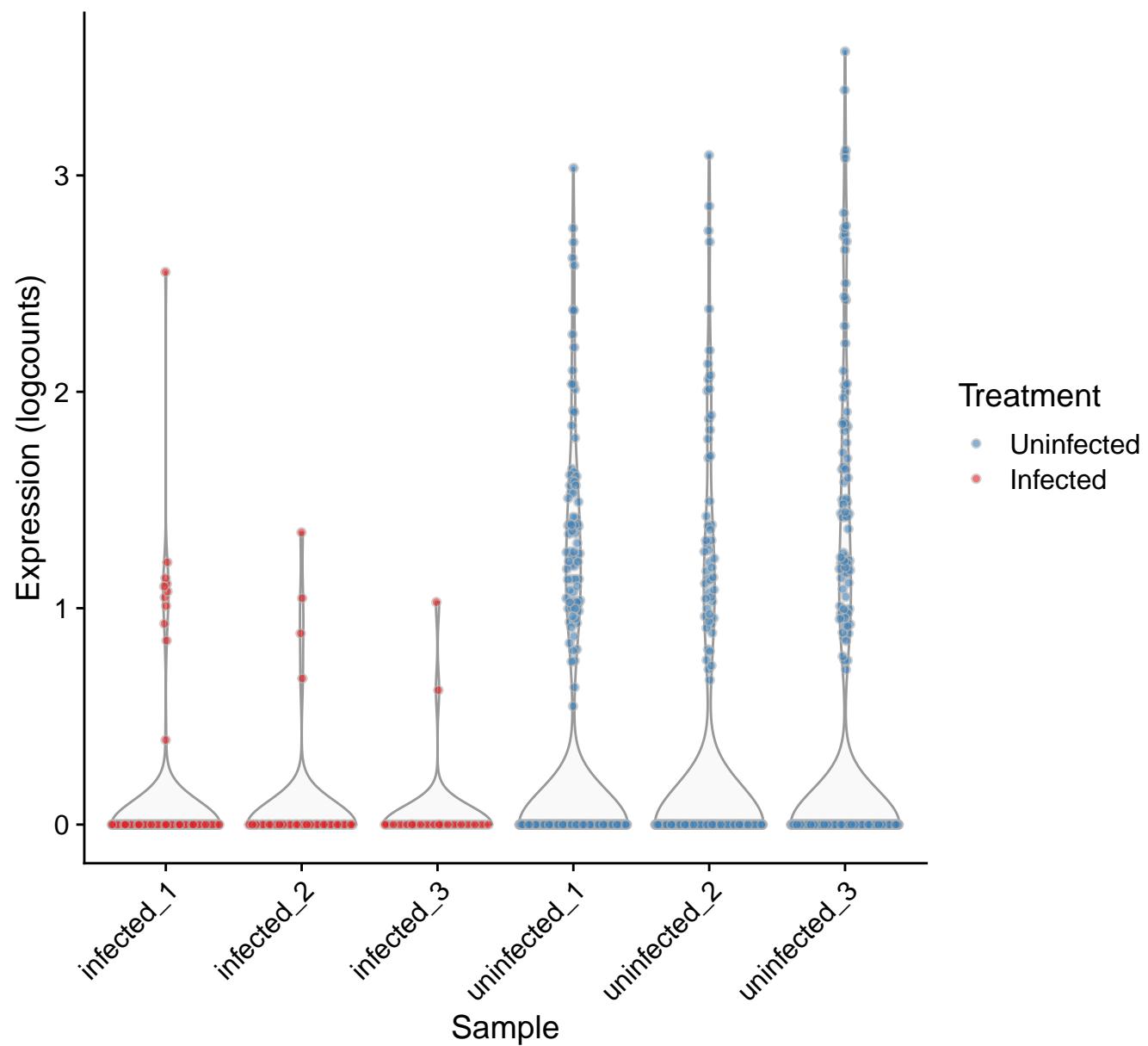
uninfected\_2

uninfected\_3



# CISH (FDR = 2e-04)

cluster\_4



# CHST7 (FDR = 4e-04)

cluster\_4

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

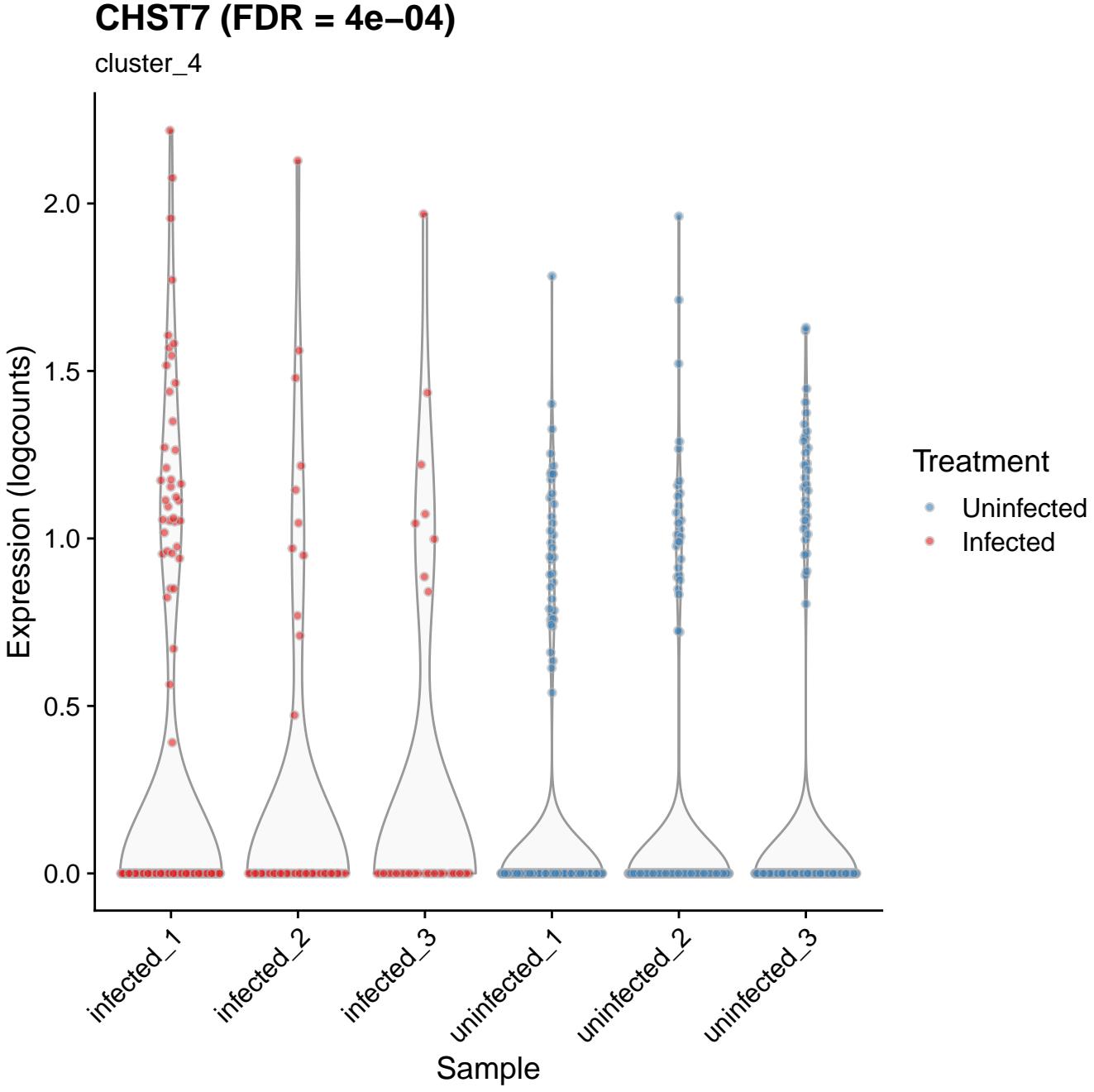
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# HLA-DRA (FDR = 5e-04)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

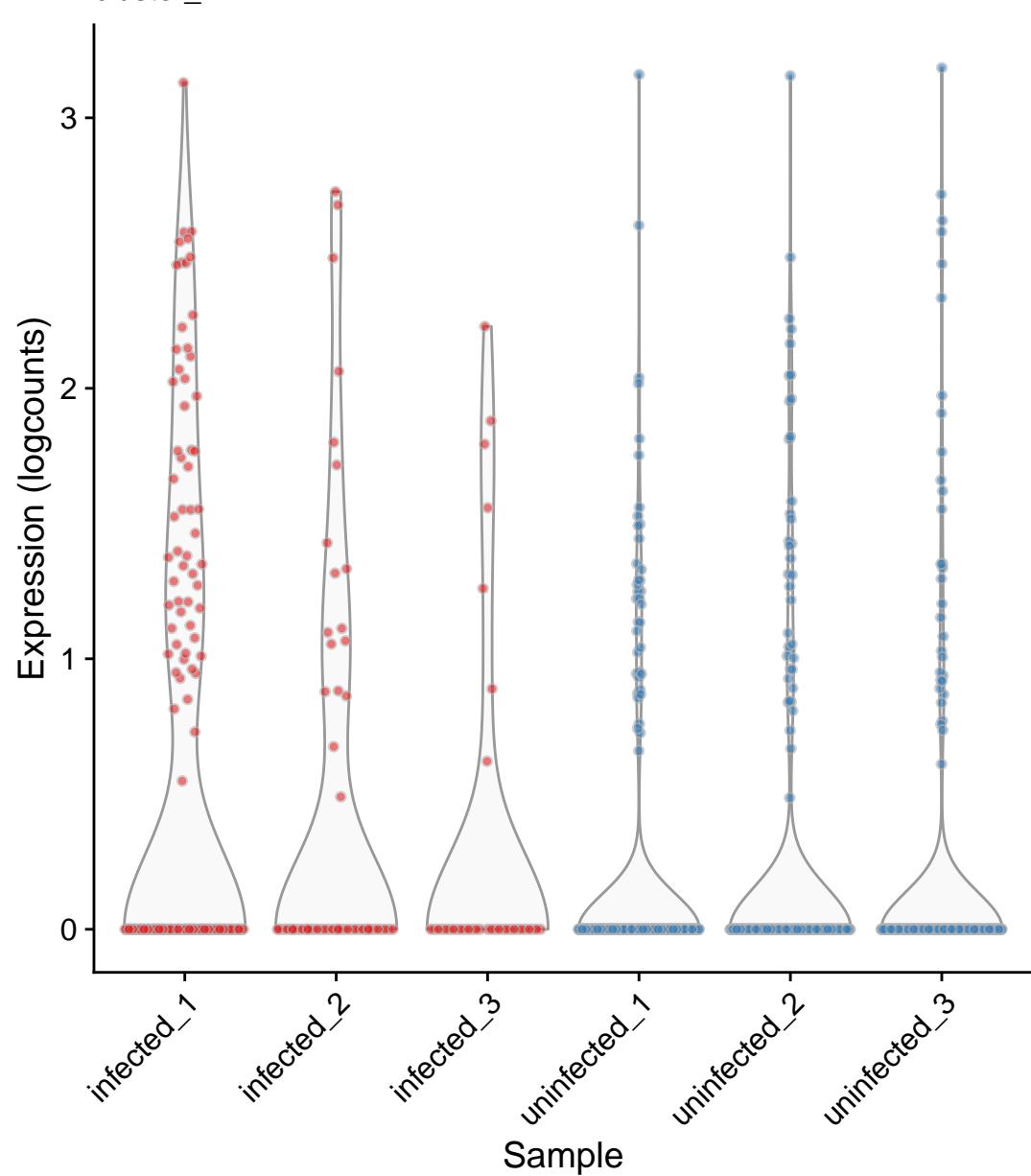
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# CYB561 (FDR = 5e-04)

cluster\_4

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

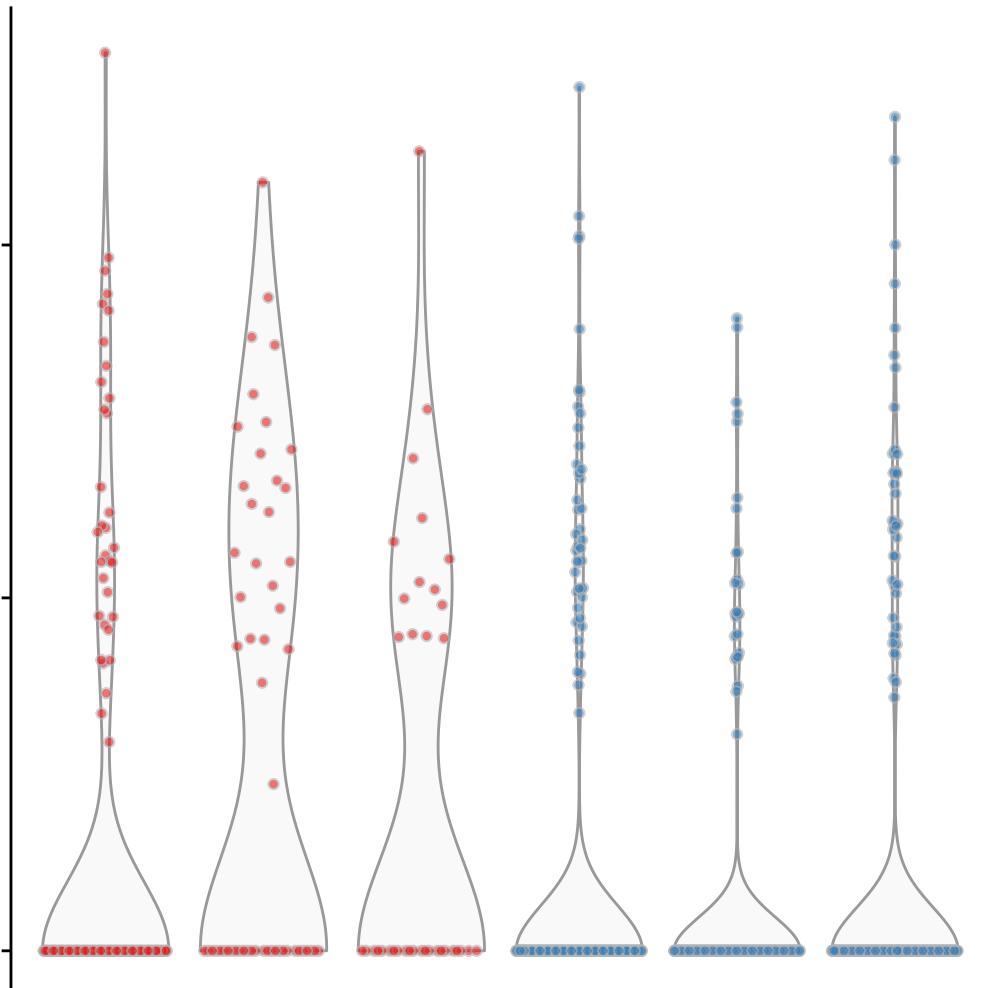
infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample



# COTL1 (FDR = 7e-04)

cluster\_4

Expression (logcounts)

4

3

2

1

infected\_1

infected\_2

infected\_3

Sample

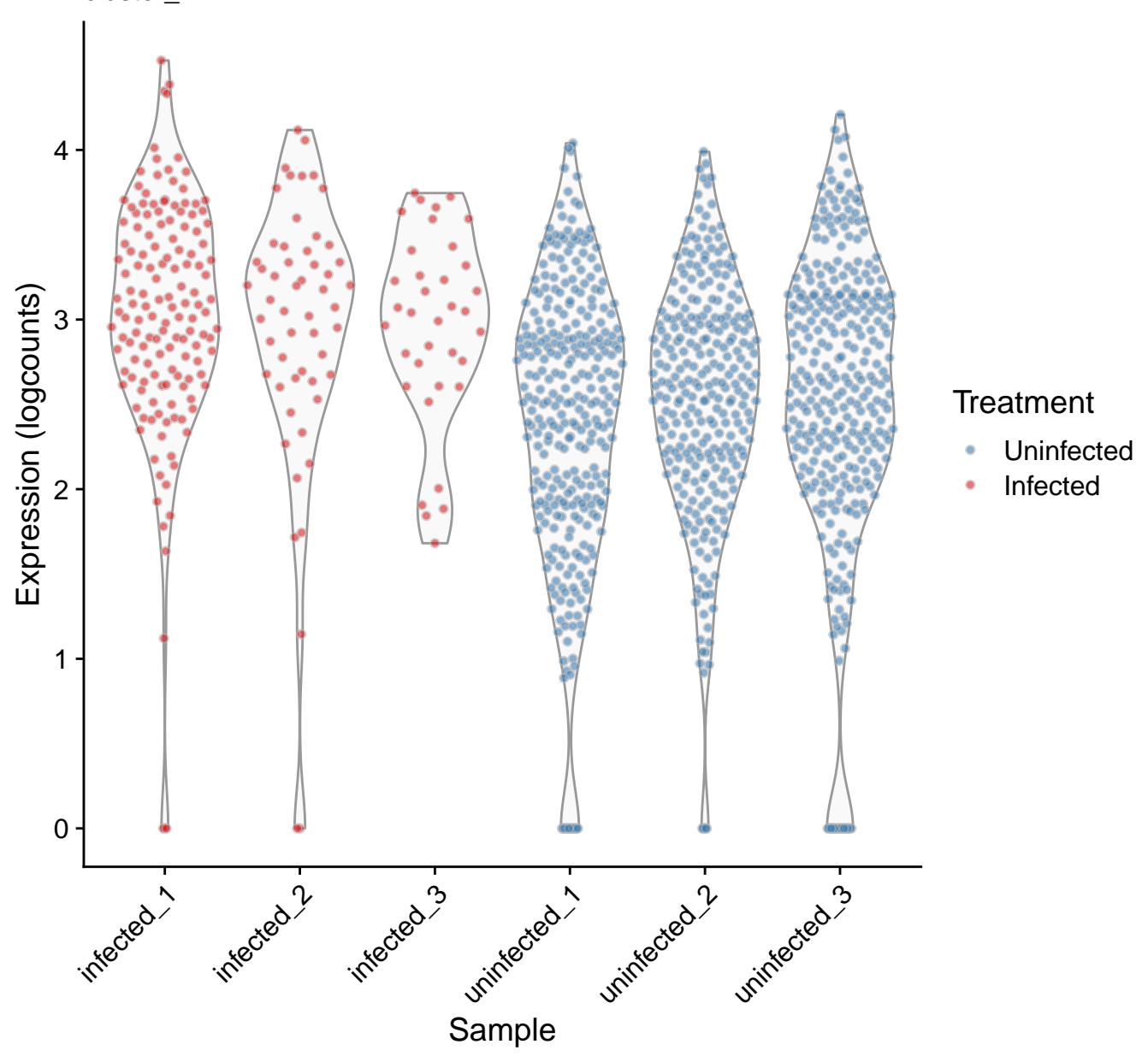
uninfected\_1

uninfected\_2

uninfected\_3

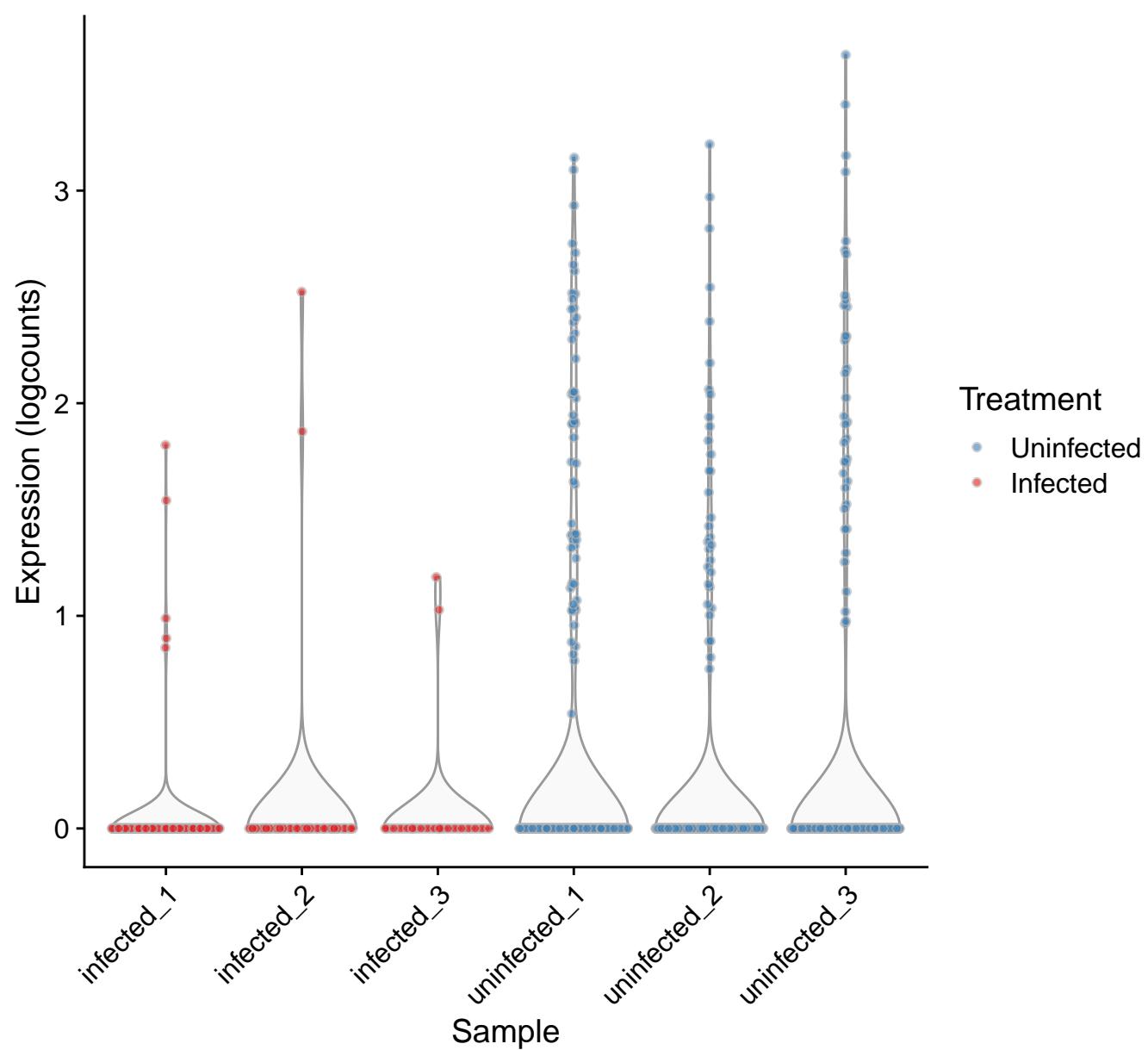
Treatment

- Uninfected
- Infected



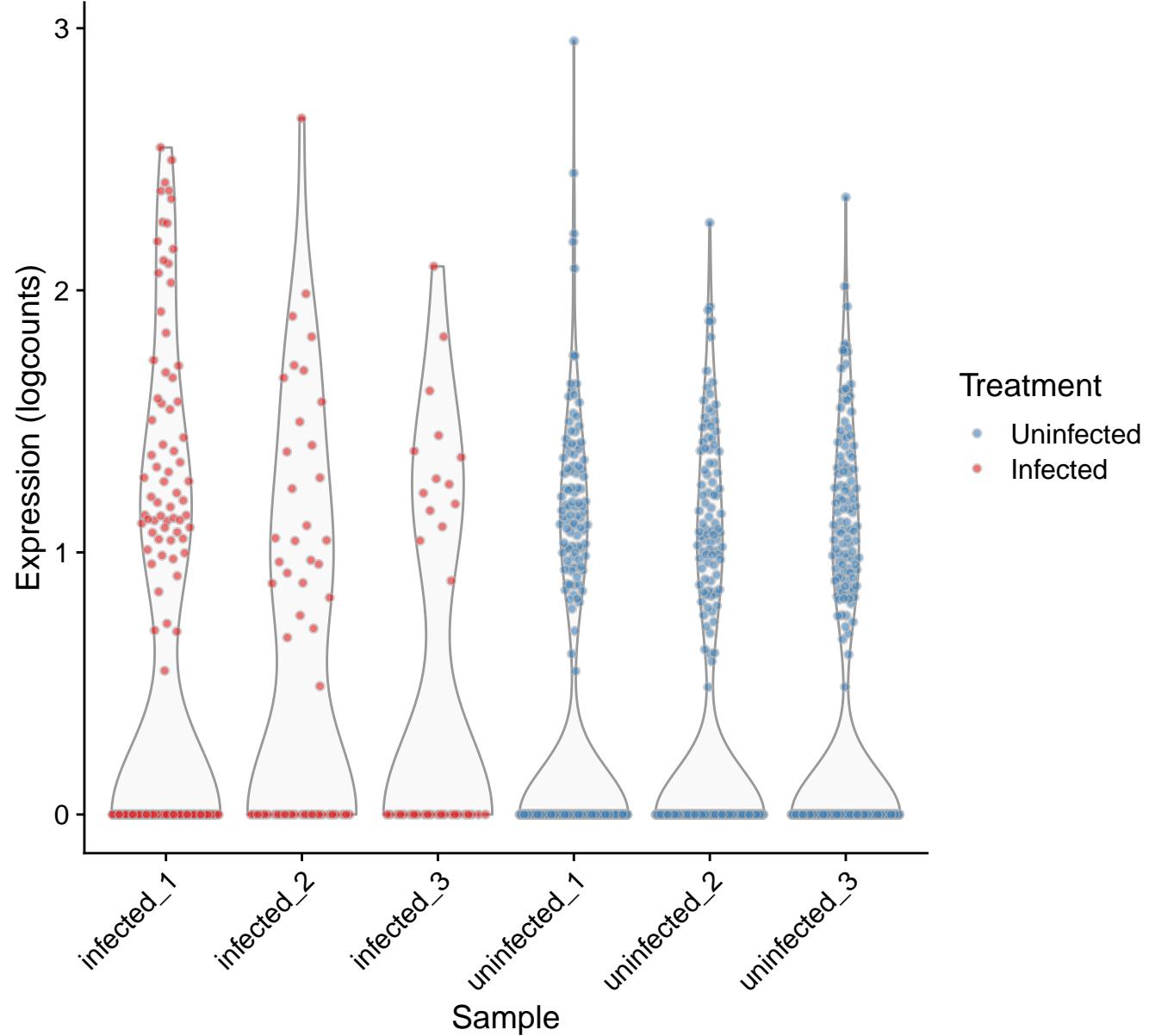
# GPR25 (FDR = 0.002)

cluster\_4



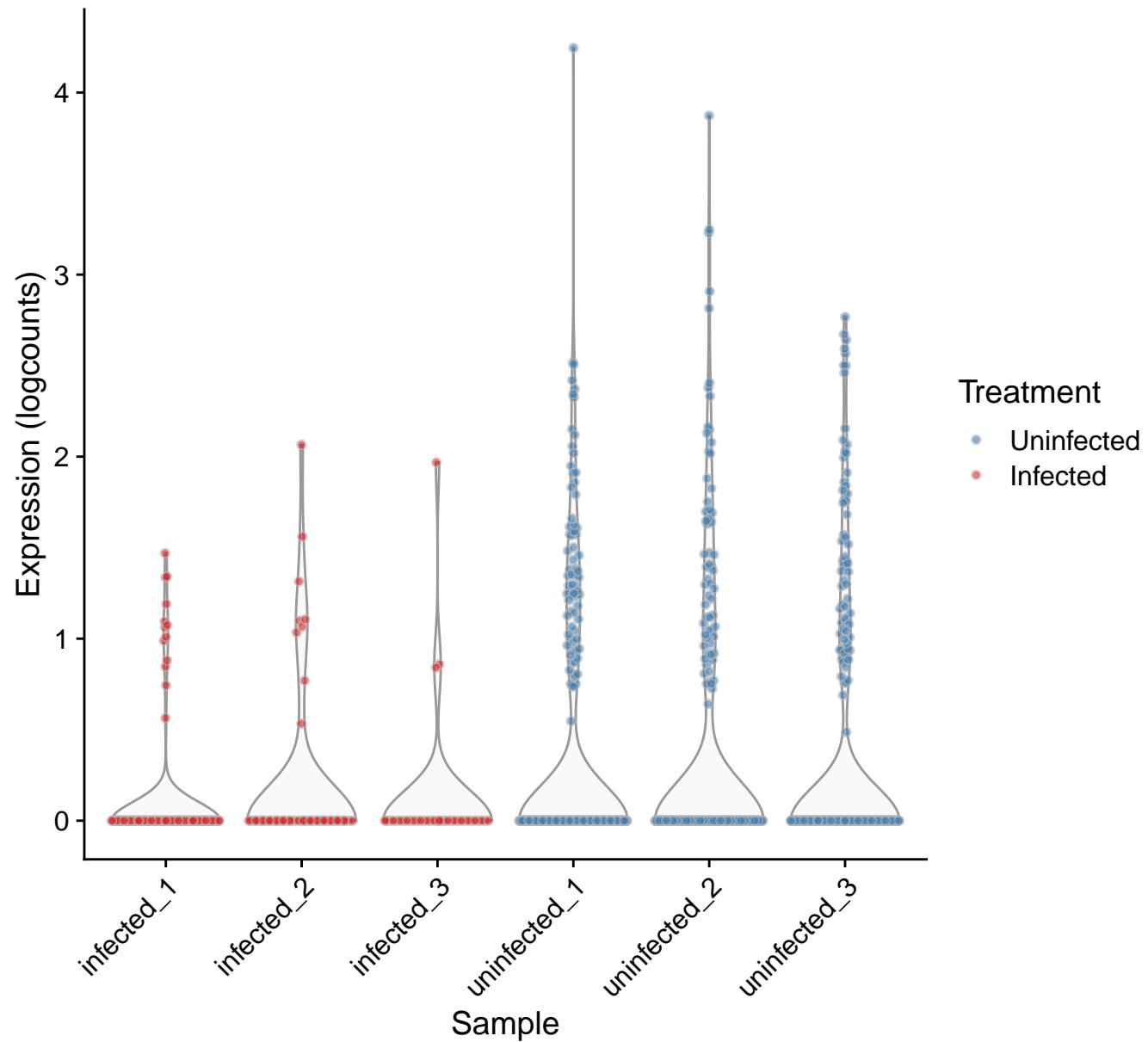
# PPM1M (FDR = 0.003)

cluster\_4



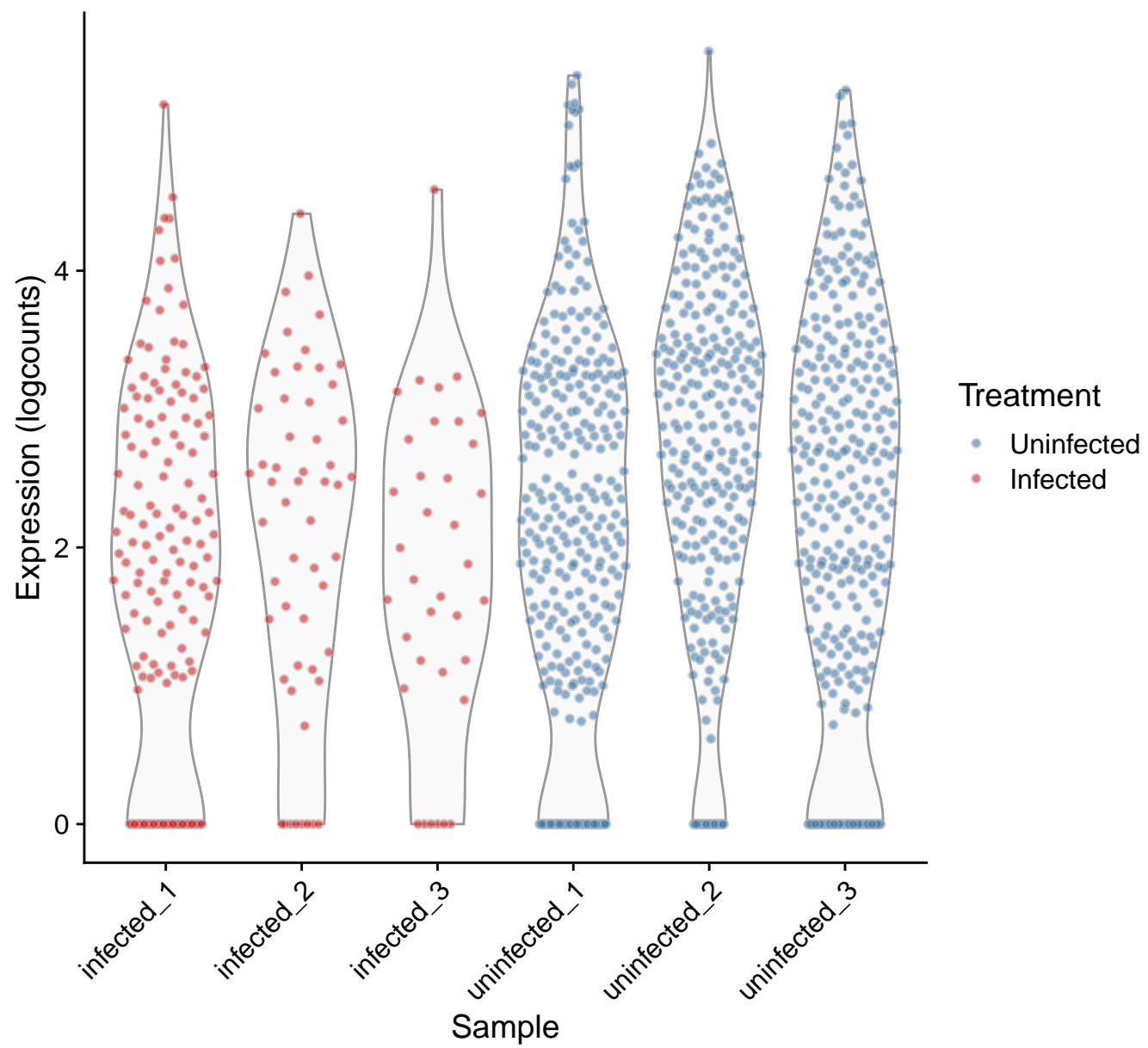
## PLAC8 (FDR = 0.003)

## cluster\_4



# LMNA (FDR = 0.003)

cluster\_4



# PTPN4 (FDR = 0.004)

cluster\_4

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

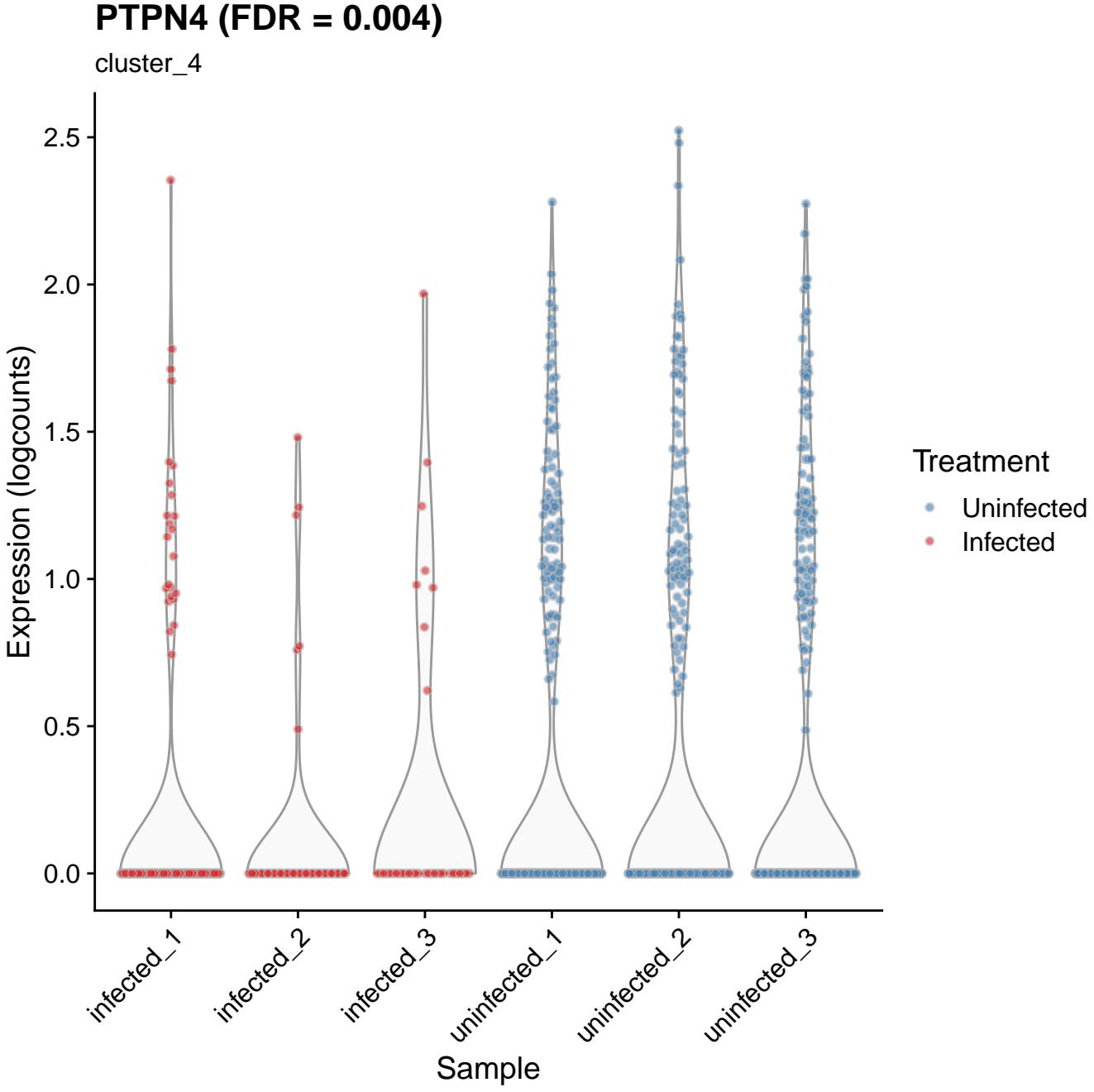
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ADAM8 (FDR = 0.005)

cluster\_4

Expression (logcounts)

3

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

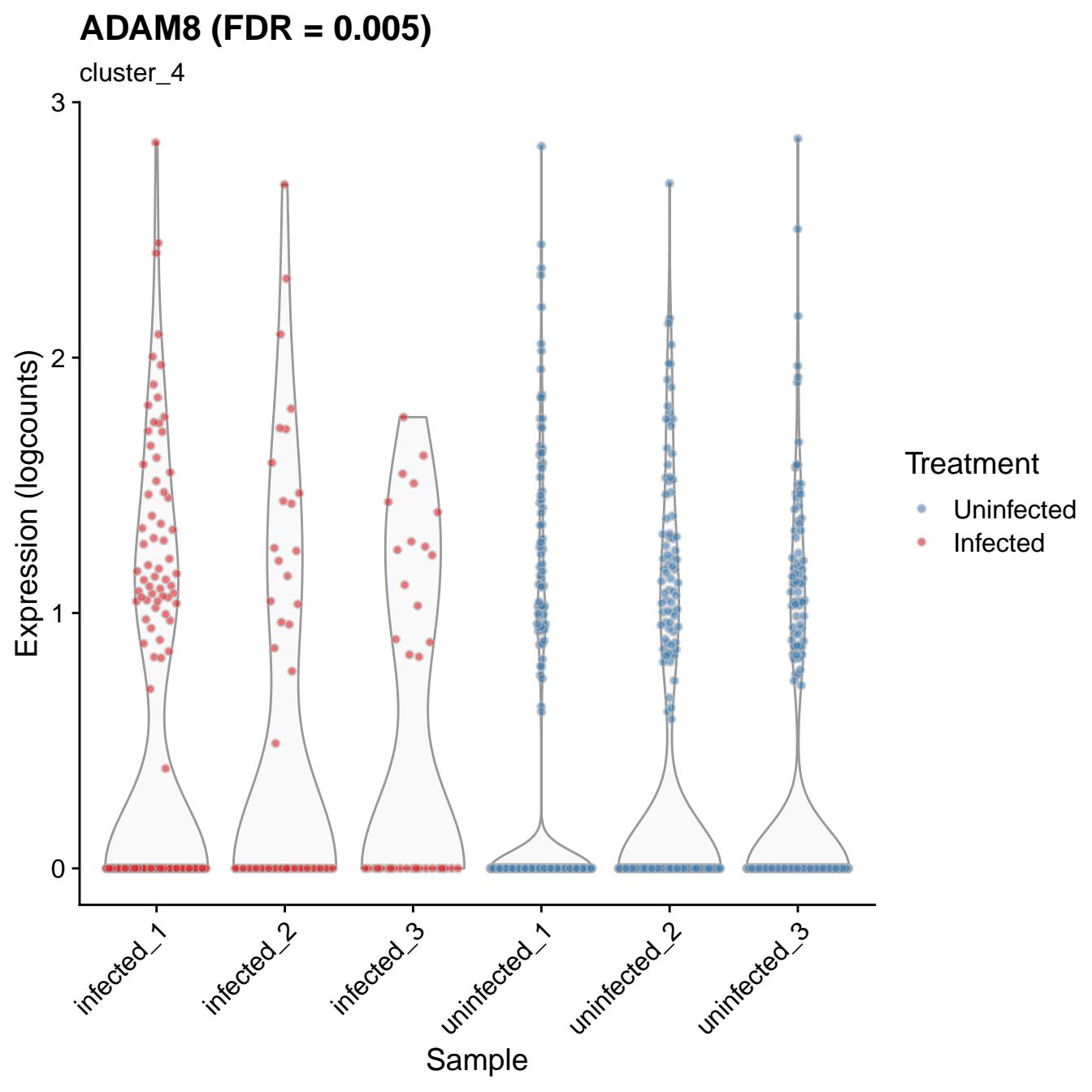
uninfected\_2

uninfected\_3

Sample

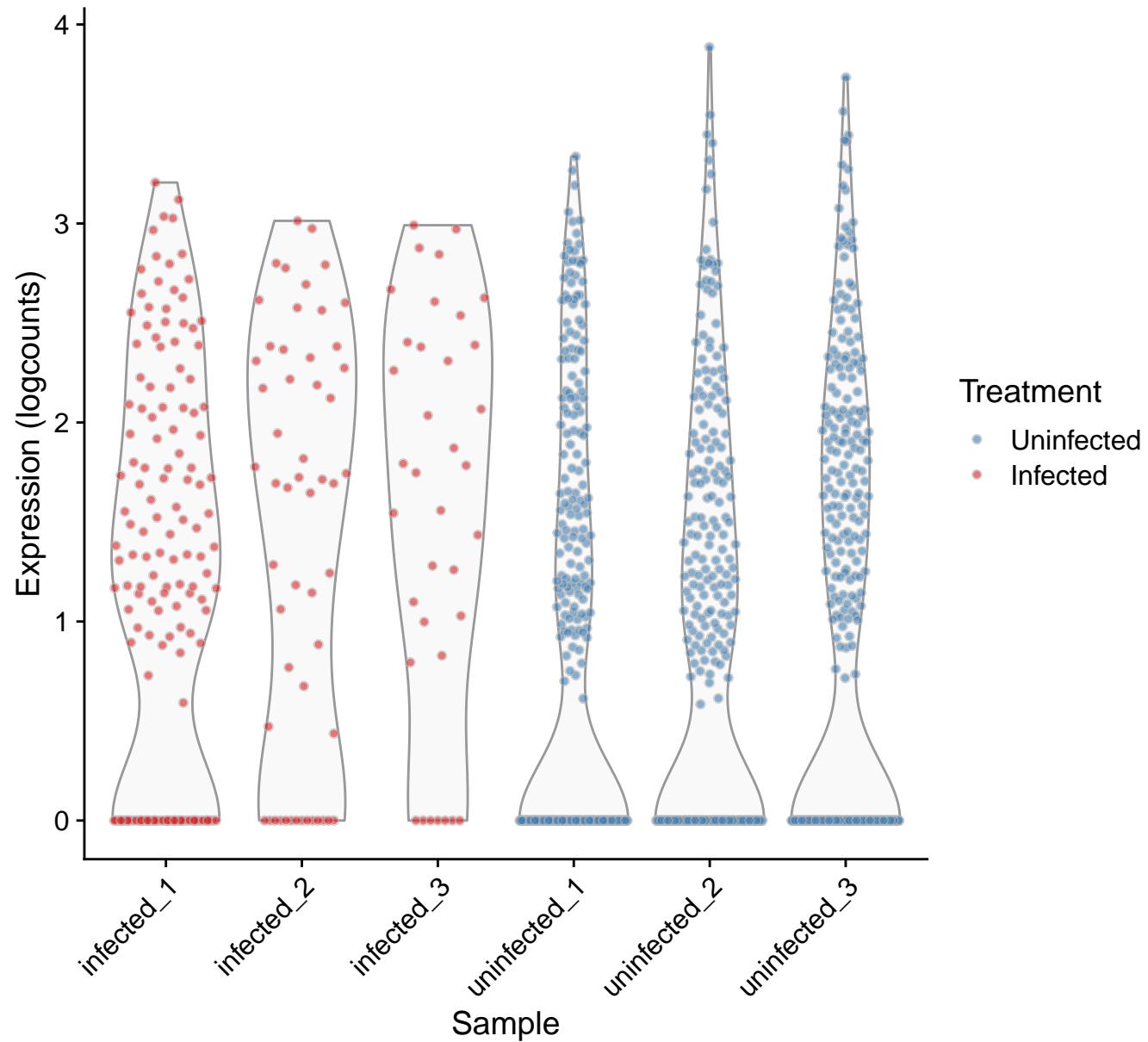
Treatment

- Uninfected
- Infected



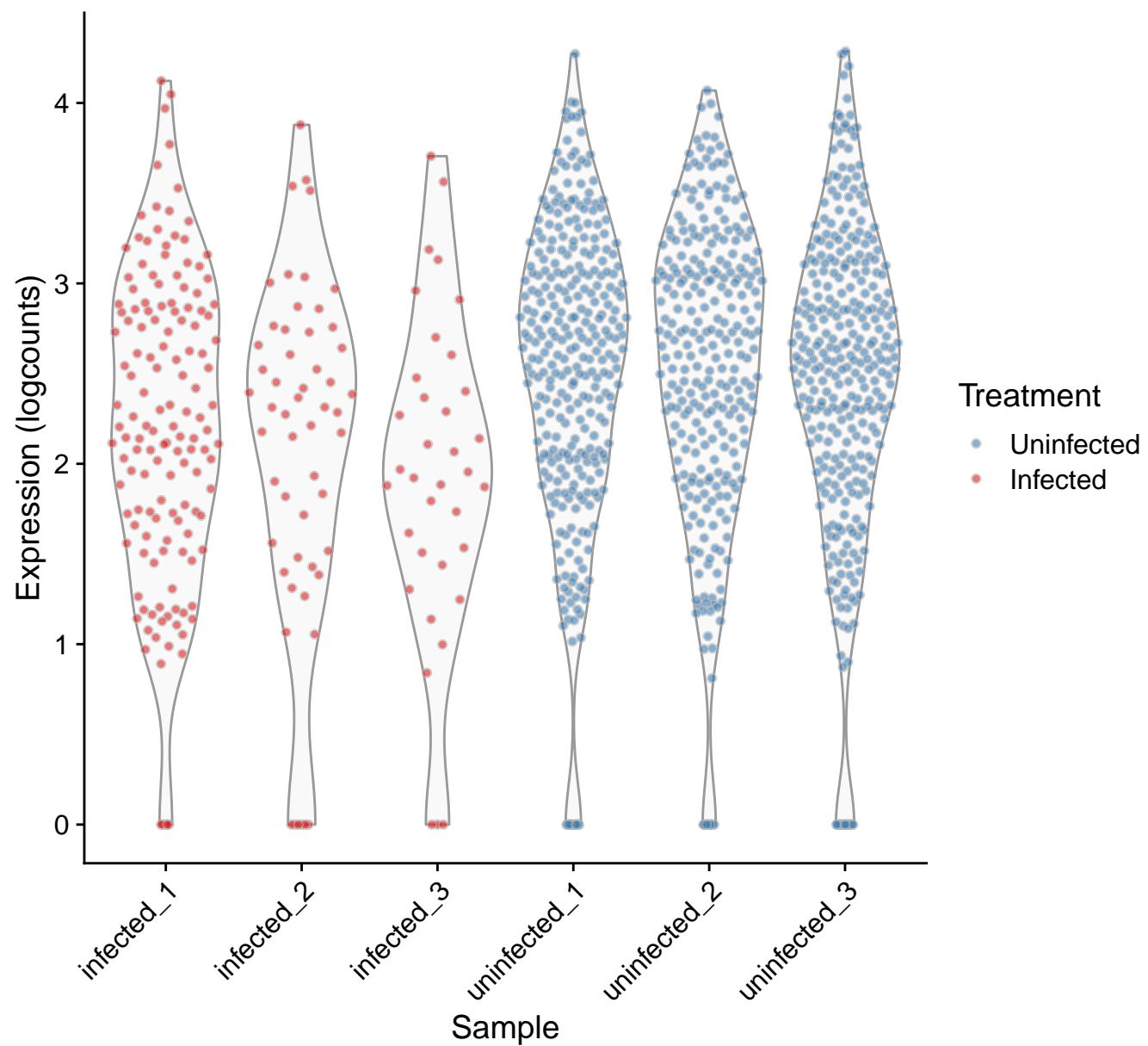
# CXCR3 (FDR = 0.006)

cluster\_4



# AES (FDR = 0.007)

cluster\_4



# TSPO (FDR = 0.008)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

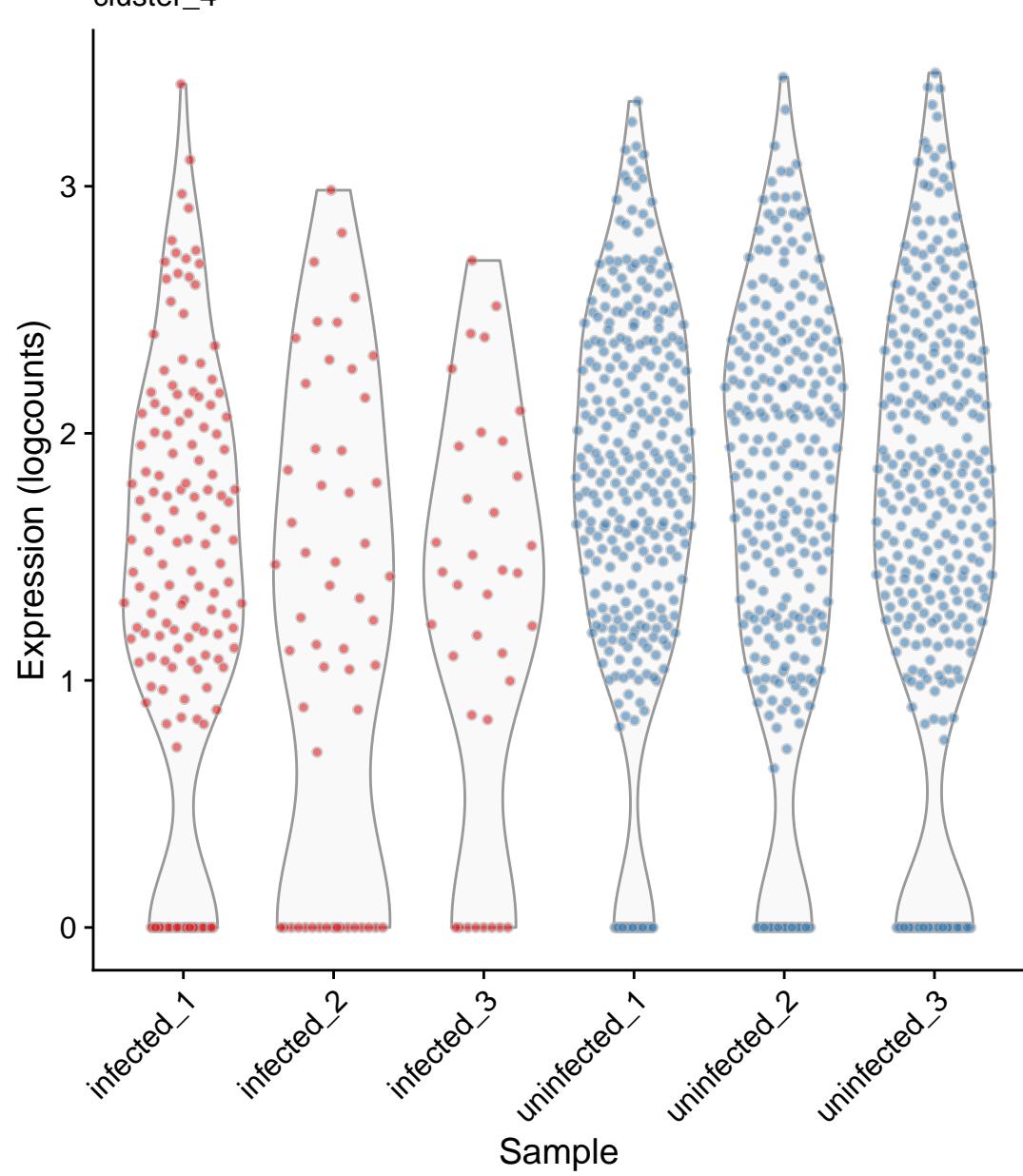
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# ACE (FDR = 0.008)

cluster\_4

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

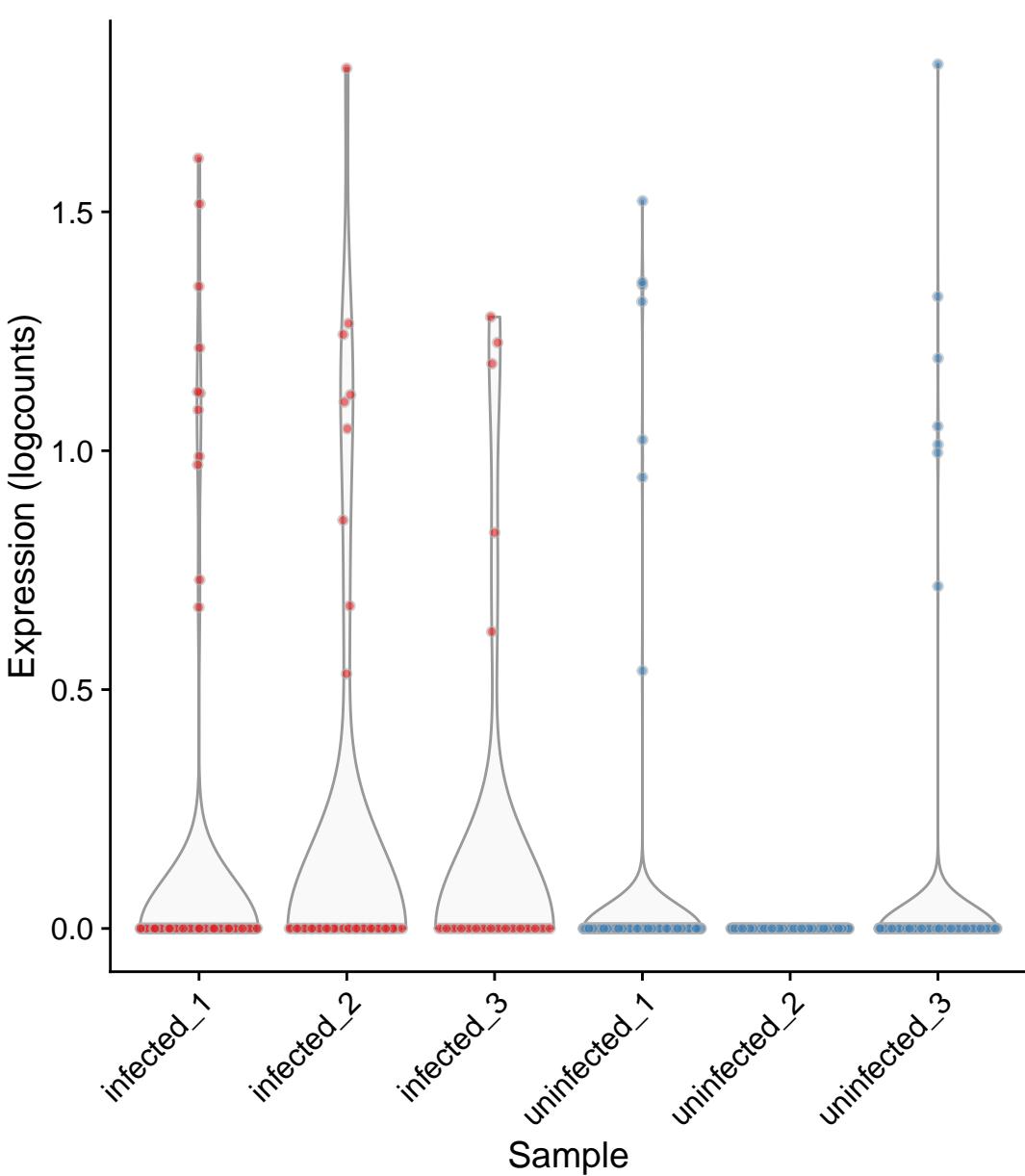
infected\_3

Sample

uninfected\_1

uninfected\_2

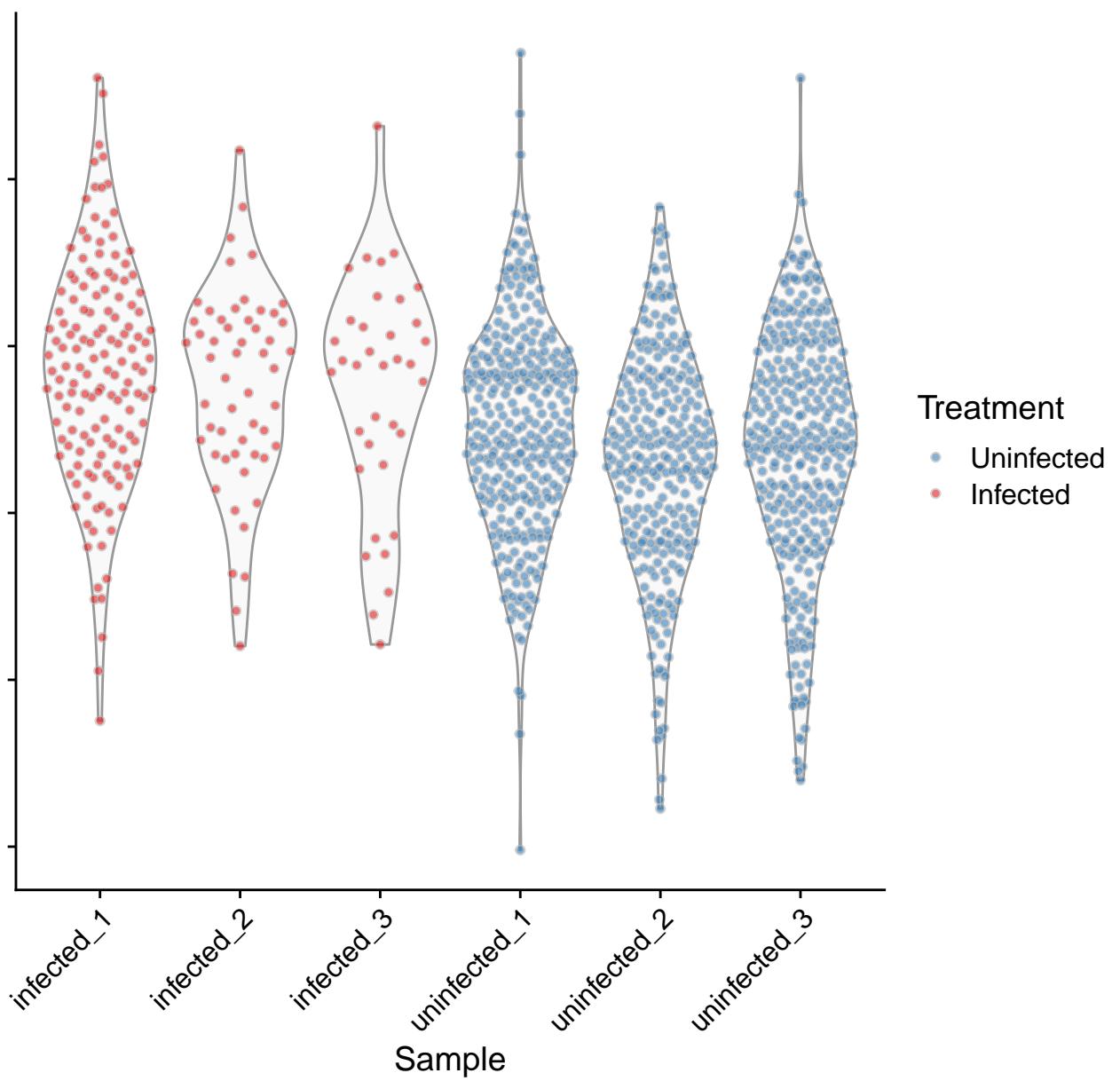
uninfected\_3



# RPS19 (FDR = 0.008)

cluster\_4

Expression (logcounts)



# HMOX1 (FDR = 0.009)

cluster\_4

Expression (logcounts)

3

2

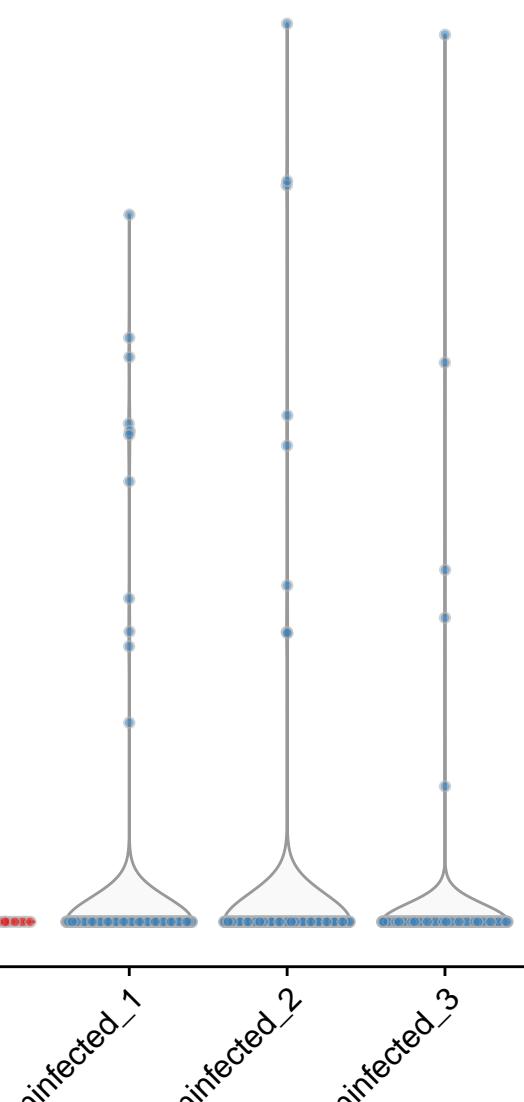
1

infected\_1

infected\_2

infected\_3

Sample



Treatment

- Uninfected
- Infected

# IL2RA (FDR = 0.009)

cluster\_4

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

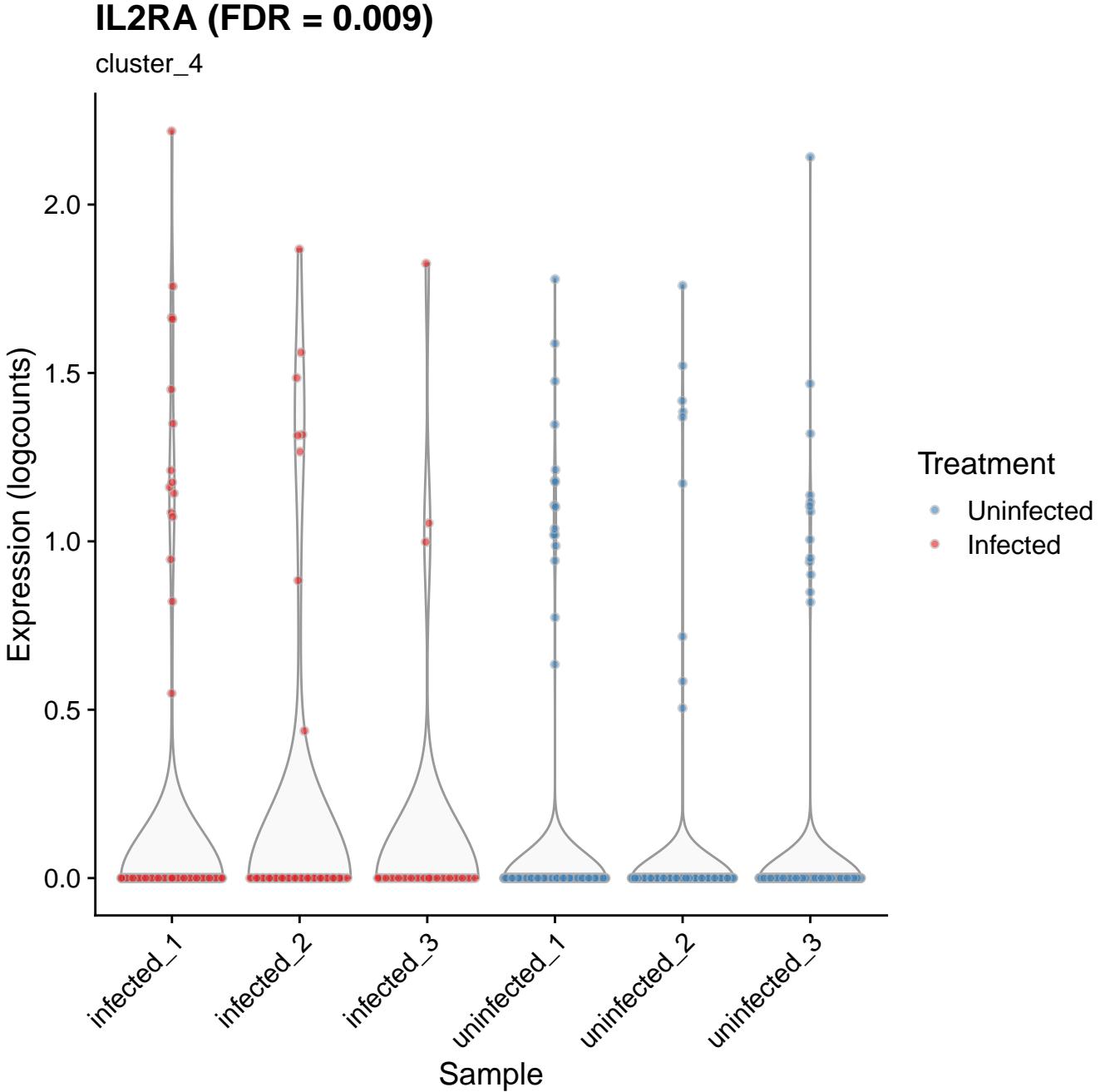
infected\_3

Sample

uninfected\_1

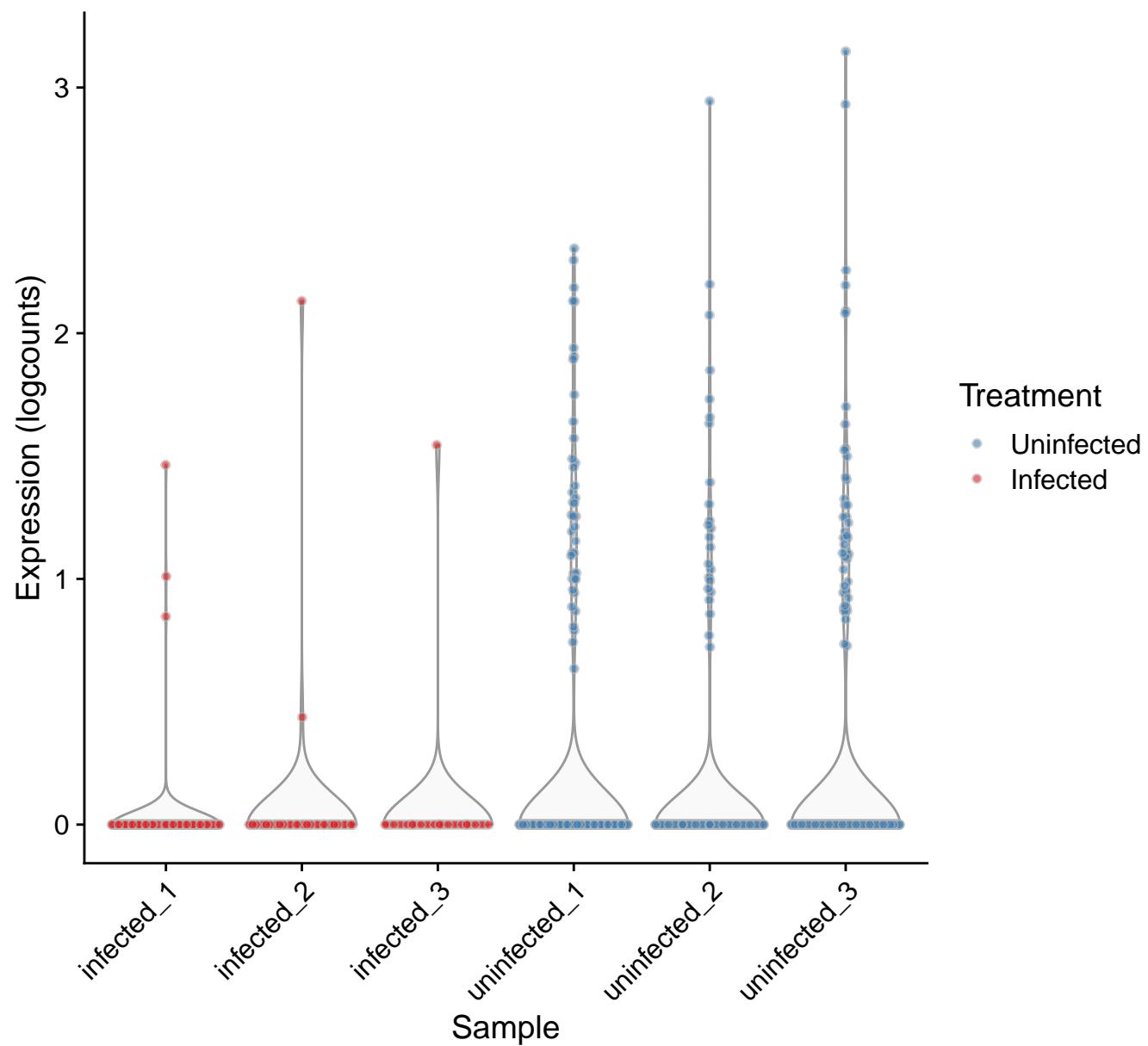
uninfected\_2

uninfected\_3



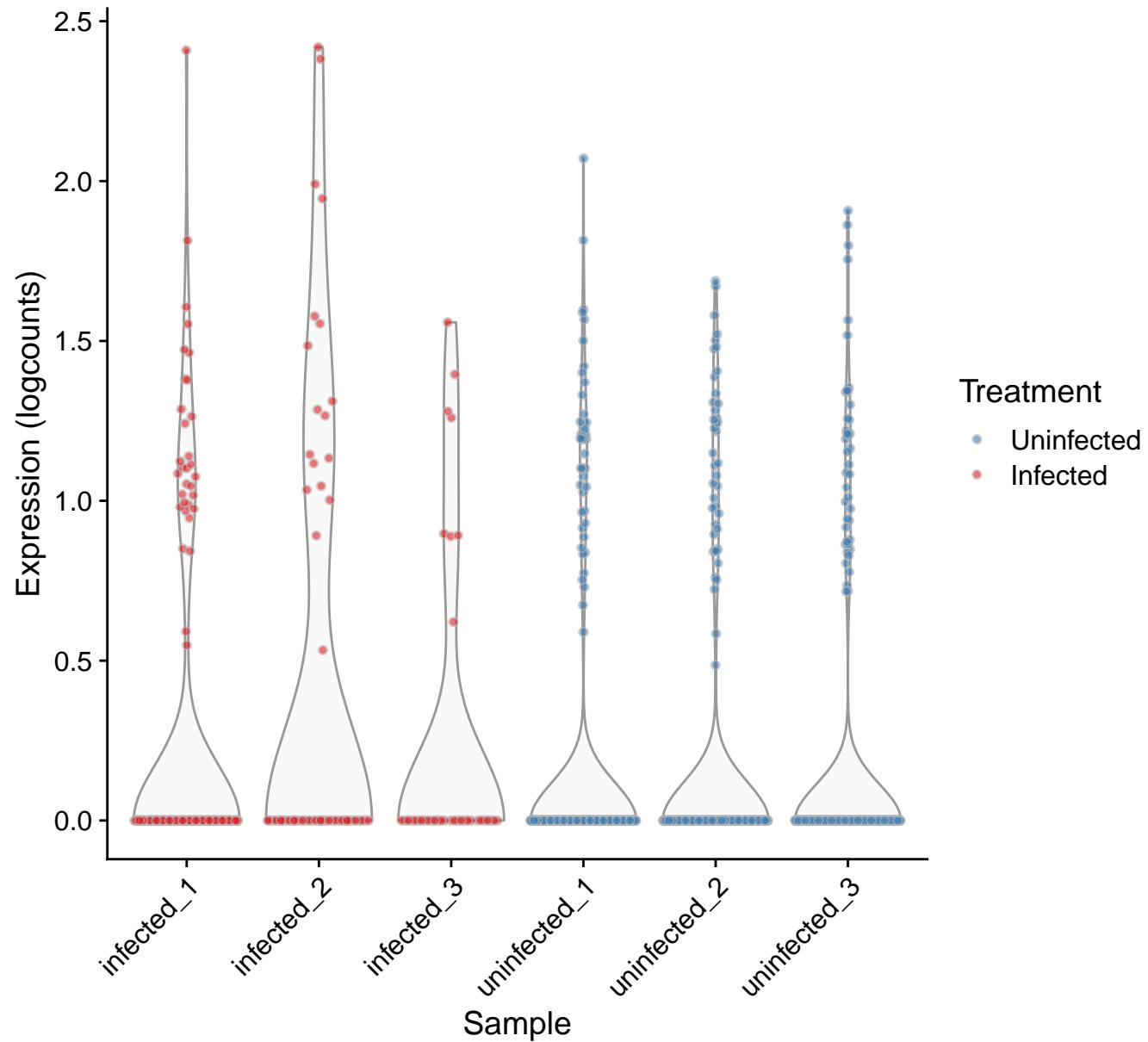
# EMP1 (FDR = 0.009)

cluster\_4



# XBP1 (FDR = 0.009)

cluster\_4



# UPP1 (FDR = 0.009)

cluster\_4

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

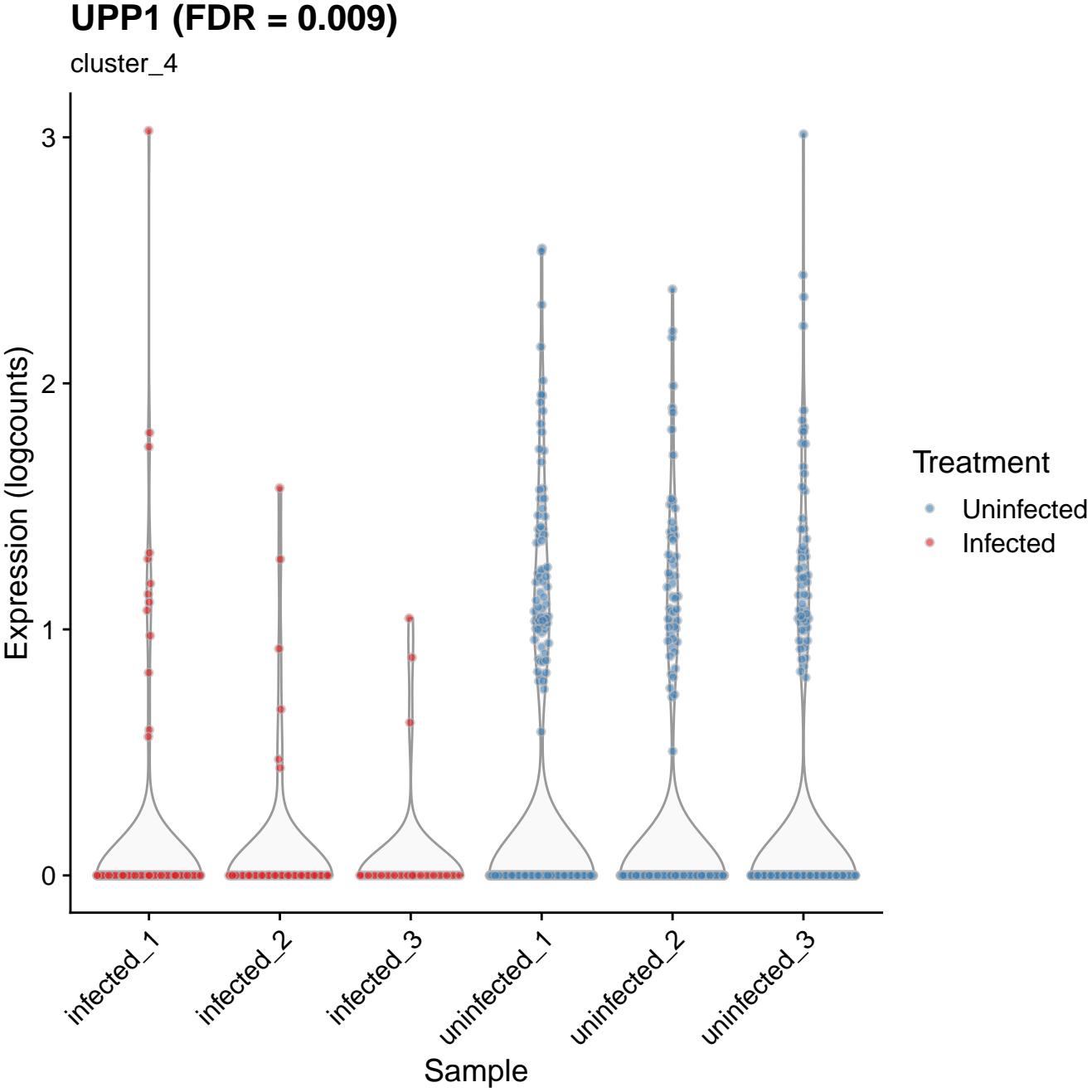
infected\_3

Sample

uninfected\_1

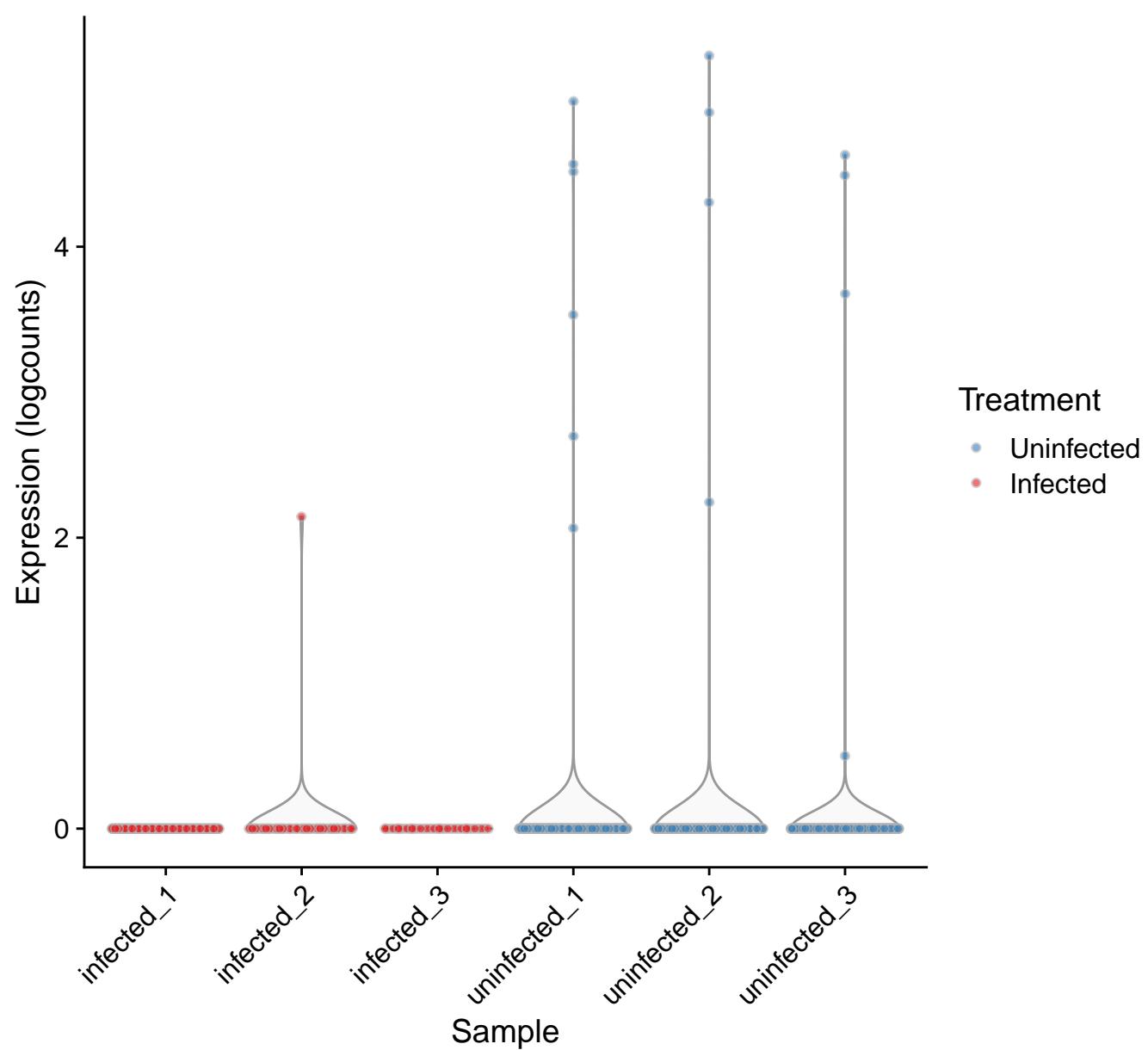
uninfected\_2

uninfected\_3



# TRBV5–5 (FDR = 0.01)

cluster\_4



# CD55 (FDR = 0.01)

cluster\_4

Expression (logcounts)

3

1

0

infected\_1

infected\_2

infected\_3

Sample

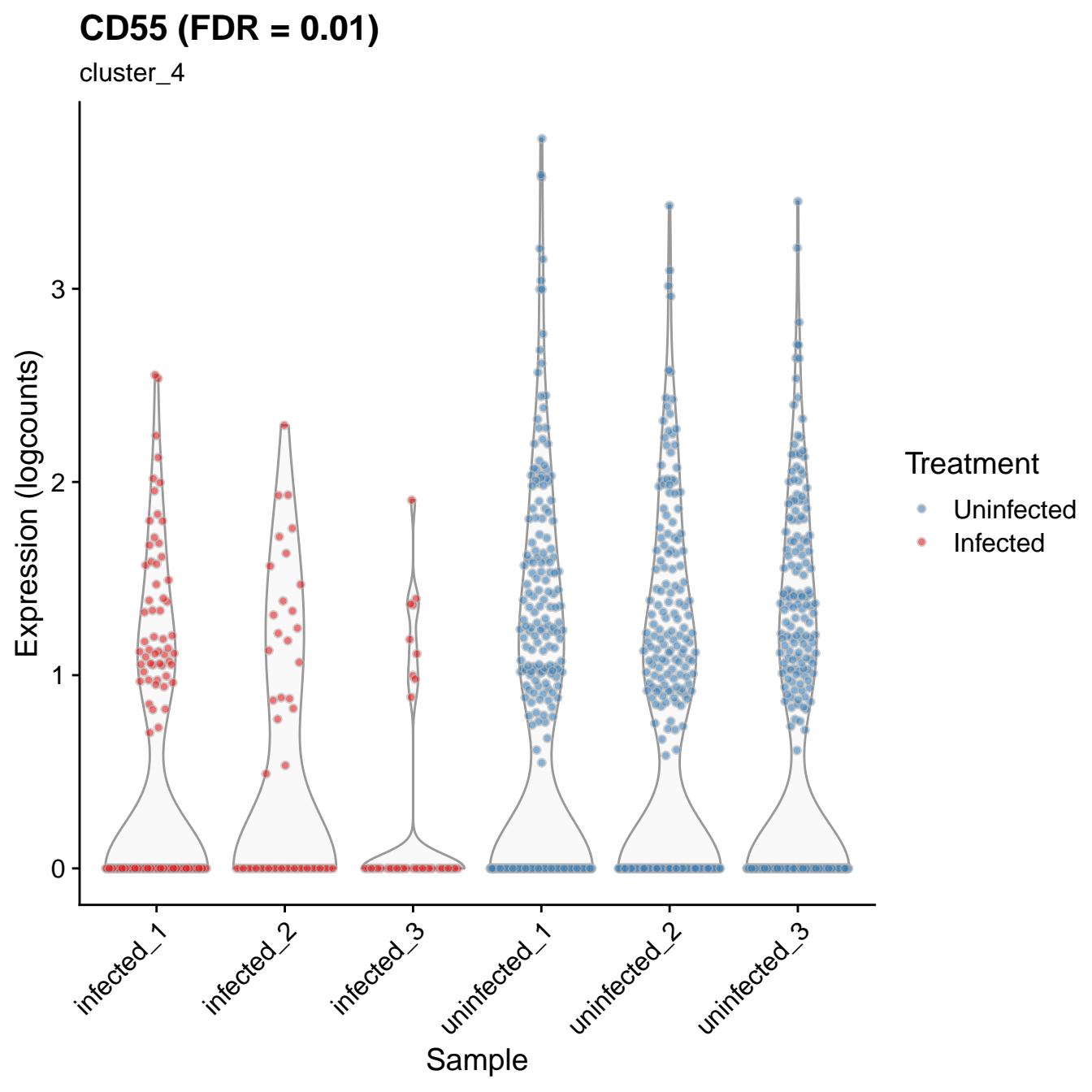
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# SNED1 (FDR = 0.01)

cluster\_4

Expression (logcounts)

1.5

1.0

0.5

0.0

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

Sample

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

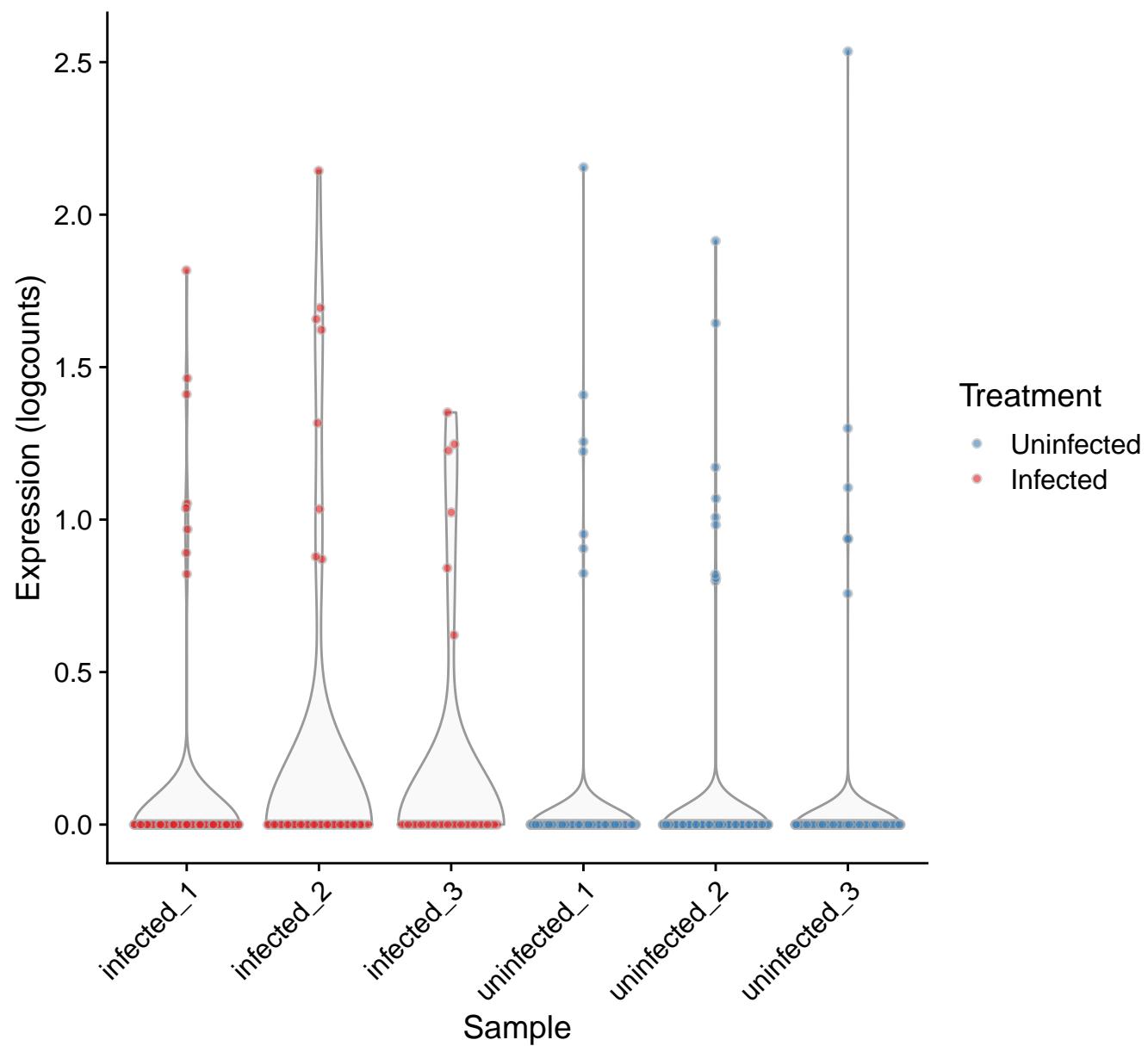
uninfected\_1

uninfected\_2

uninfected\_3

# MT1E (FDR = 0.01)

cluster\_4



# RPL13A (FDR = 0.01)

cluster\_4

Expression (logcounts)

5

4

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

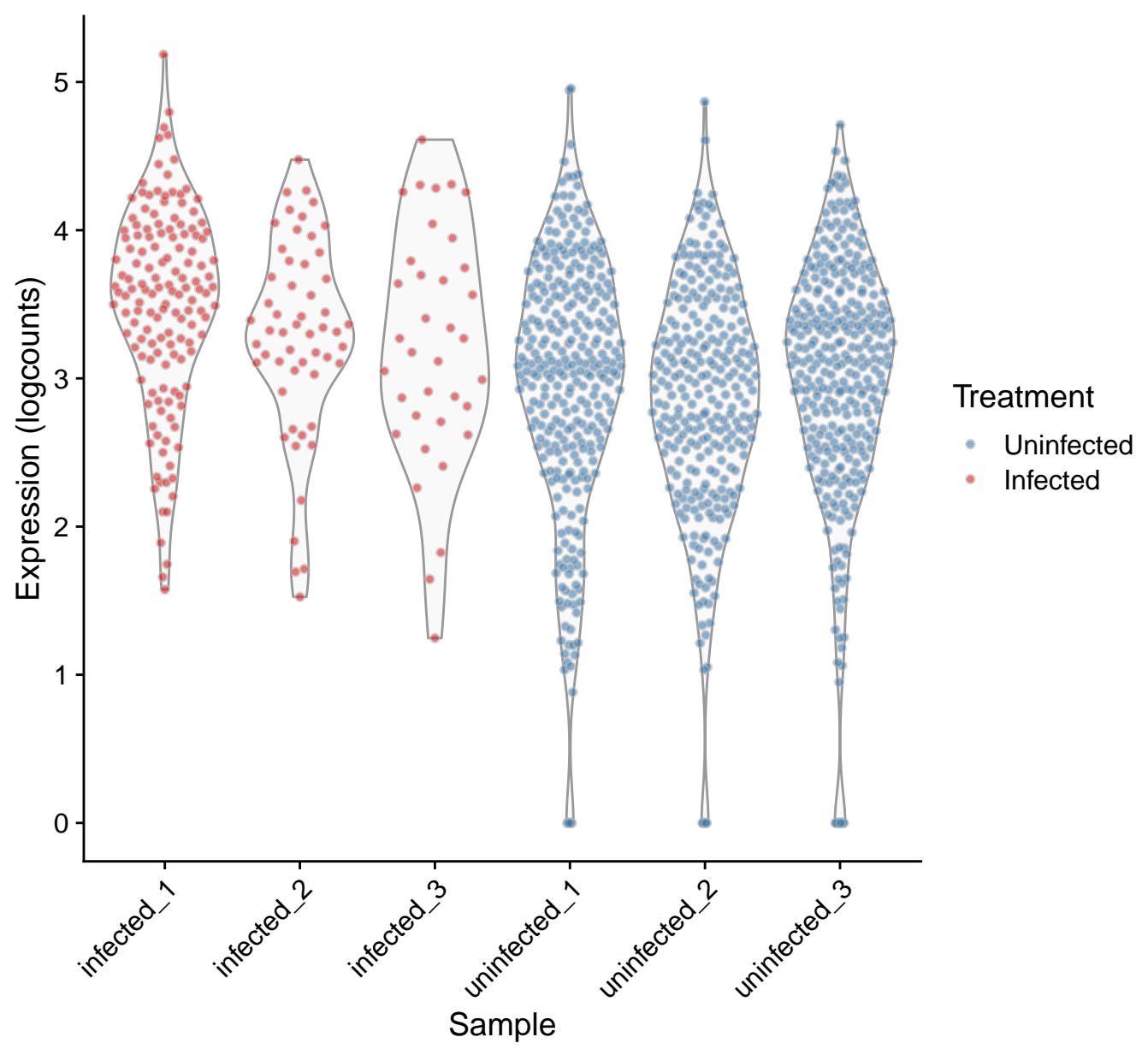
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# SLF1 (FDR = 0.01)

cluster\_4

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

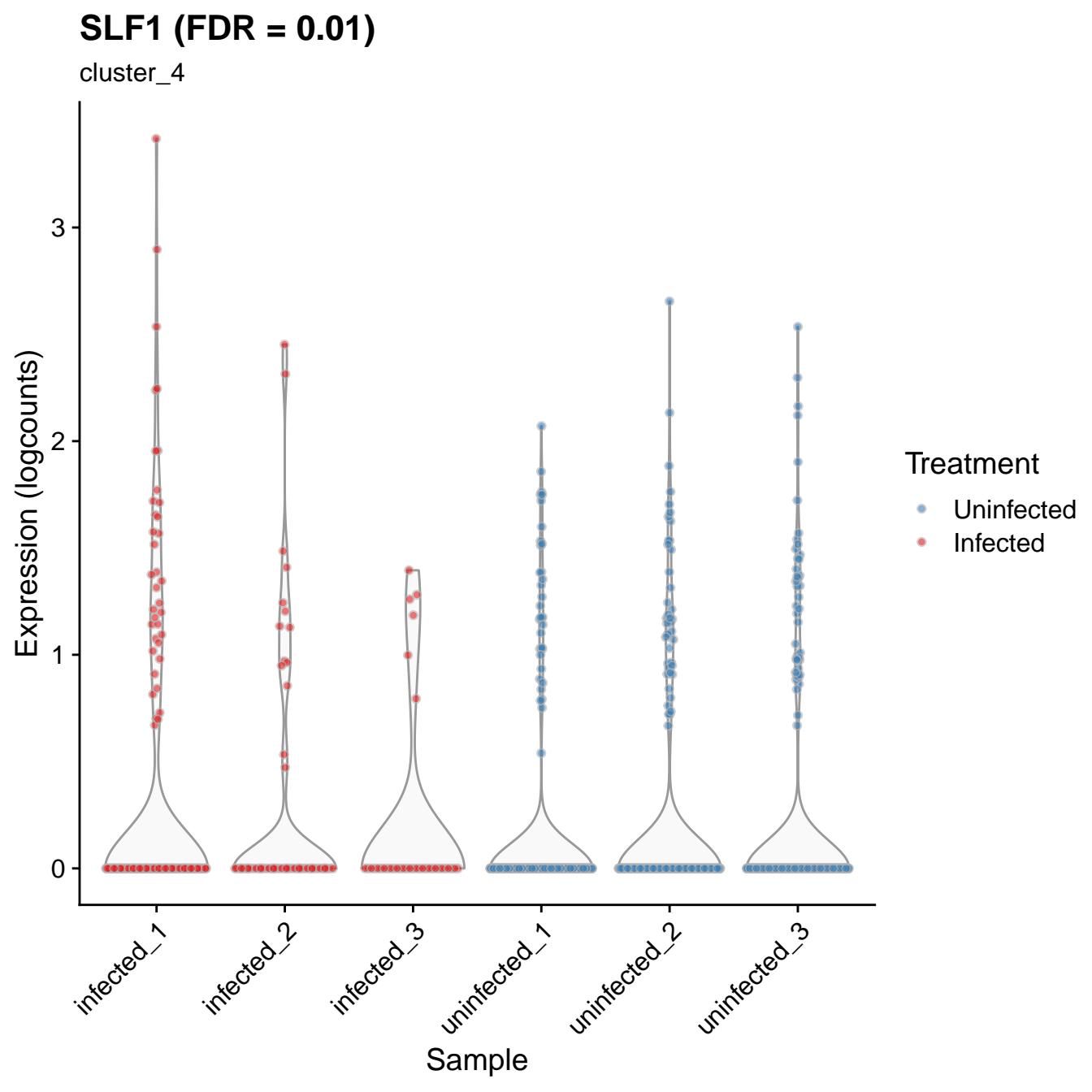
uninfected\_2

uninfected\_3

Sample

Treatment

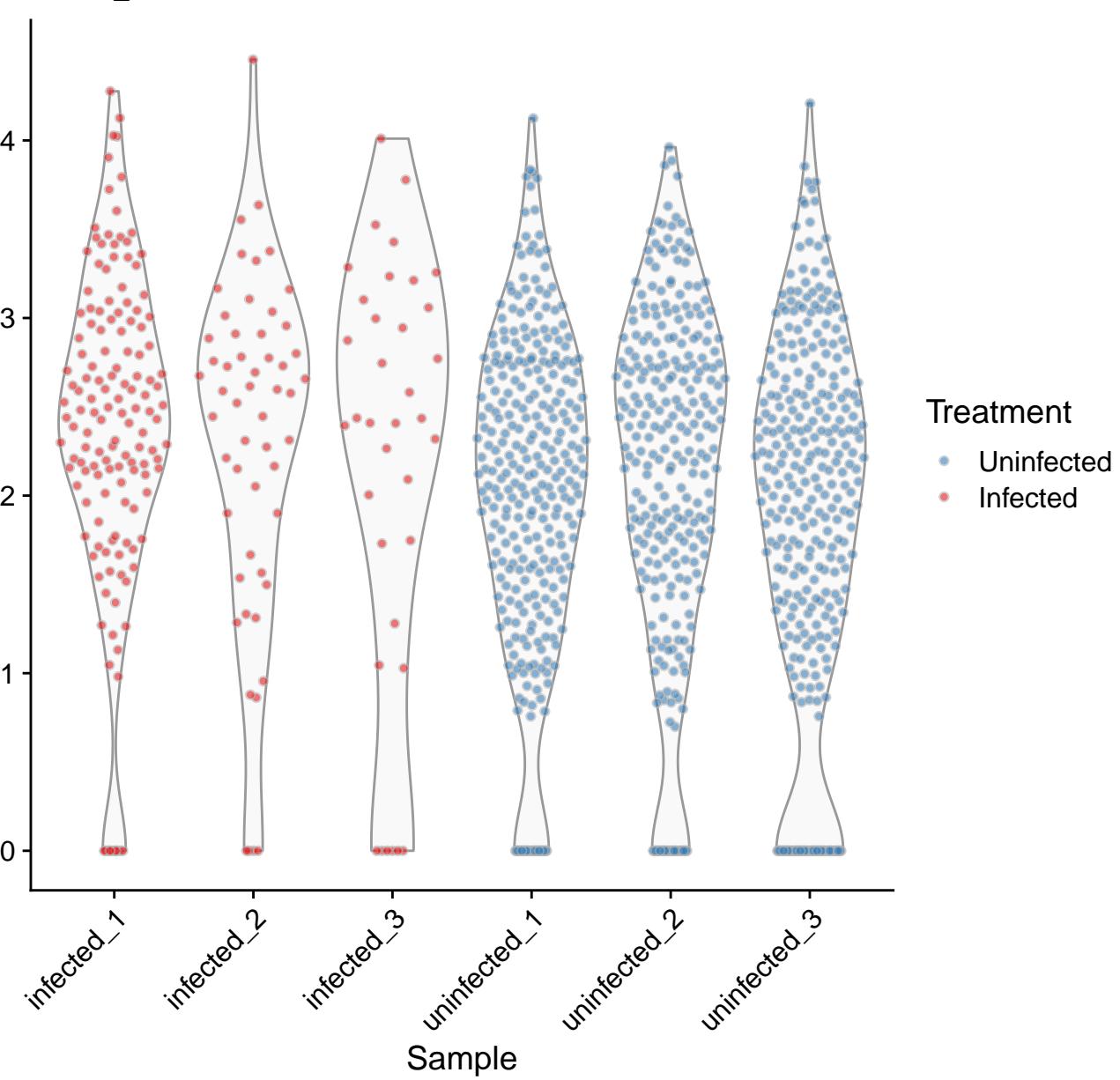
- Uninfected
- Infected



# CD27 (FDR = 0.01)

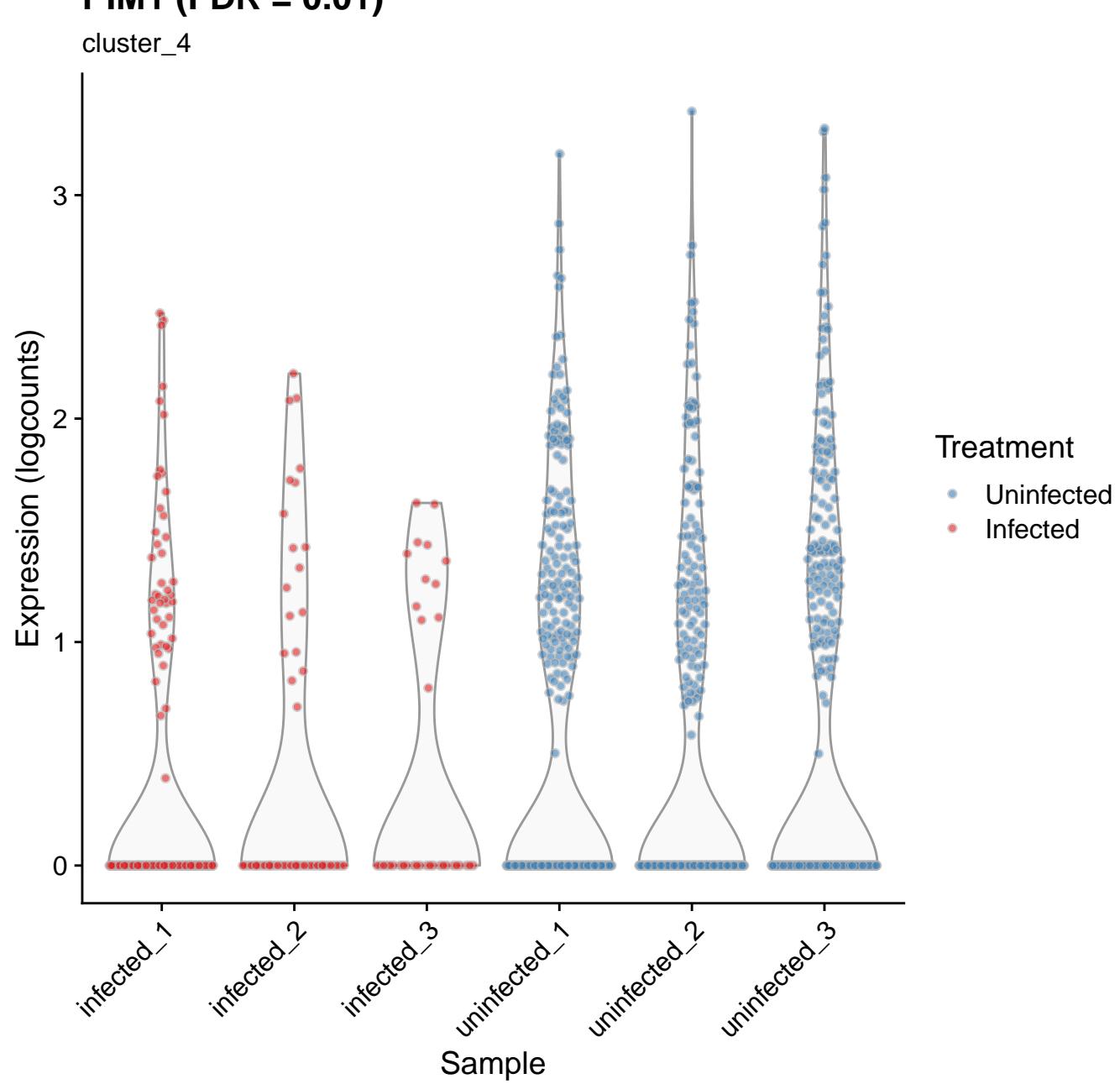
cluster\_4

Expression (logcounts)



# PIM1 (FDR = 0.01)

cluster\_4



# KIAA1324 (FDR = 0.01)

cluster\_4

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

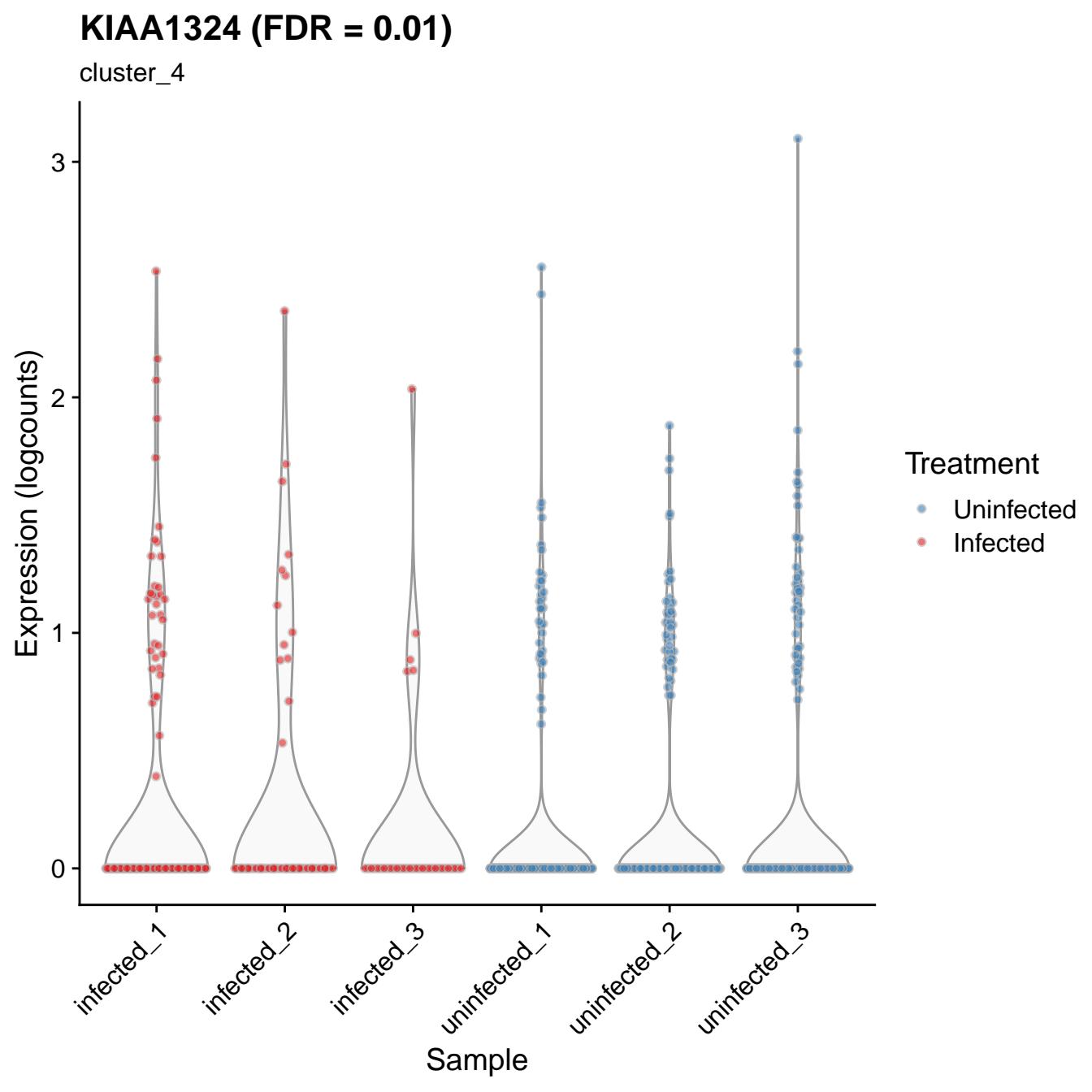
infected\_3

uninfected\_1

uninfected\_2

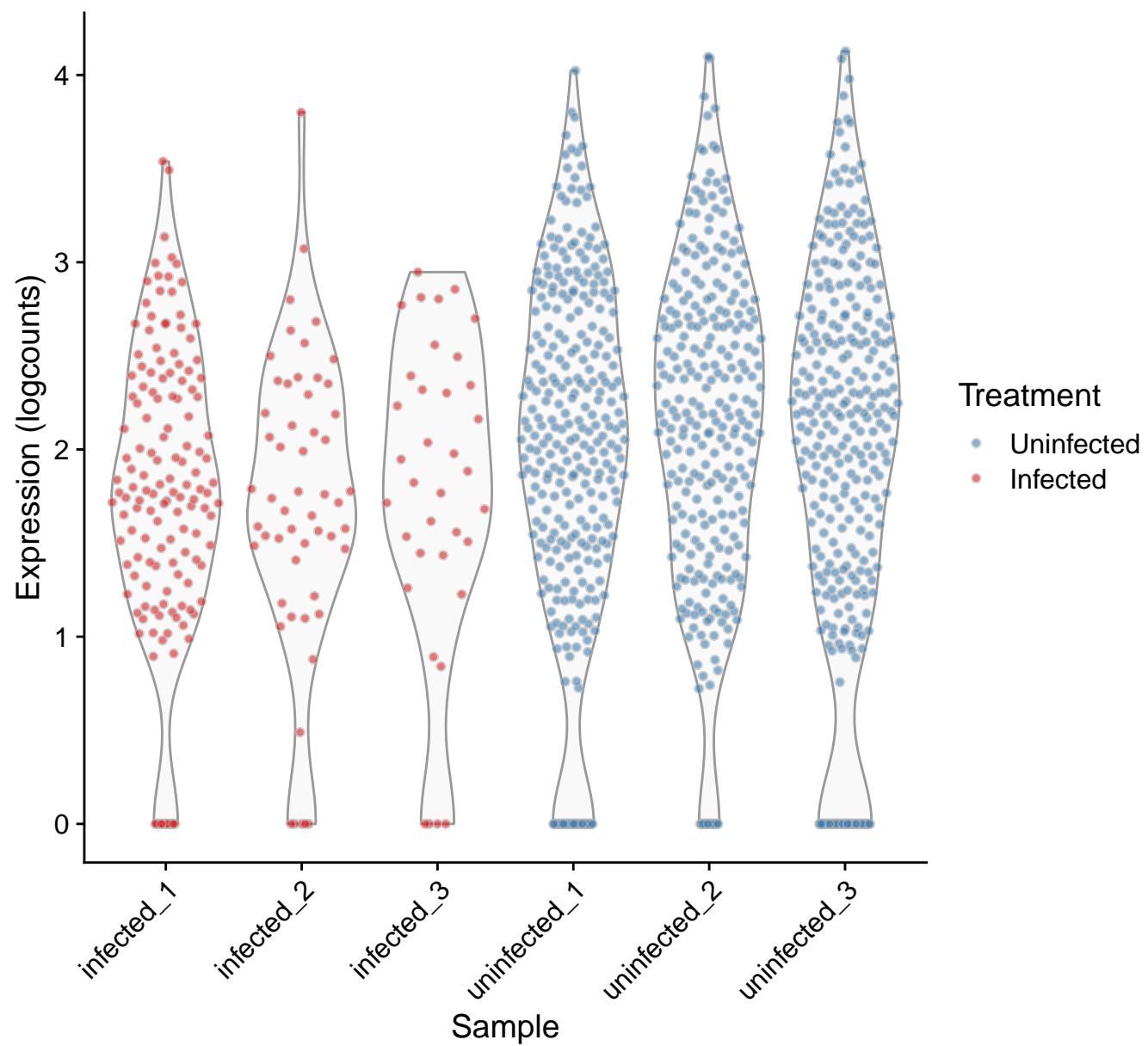
uninfected\_3

Sample



# SAMHD1 (FDR = 0.01)

cluster\_4



# DDHD1 (FDR = 0.01)

cluster\_4

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

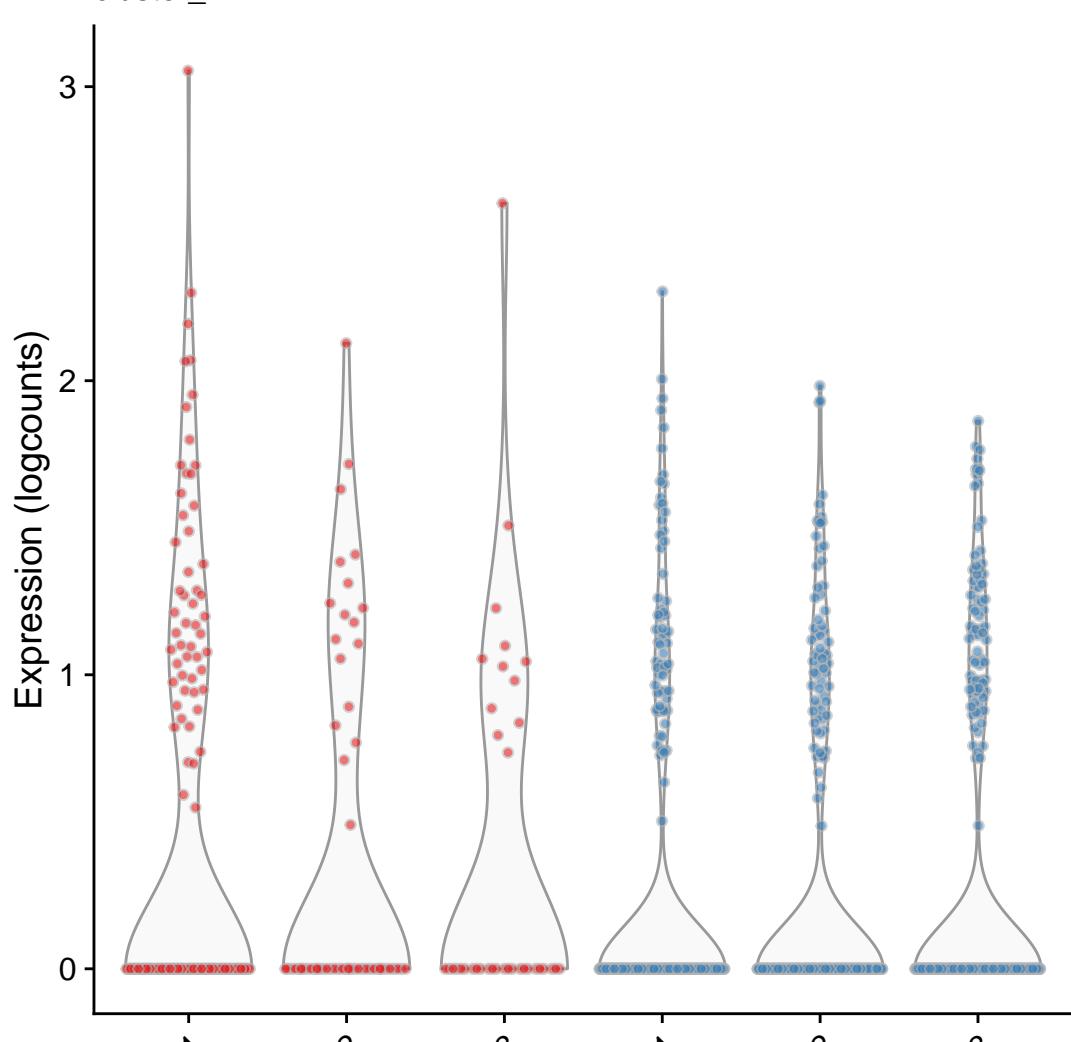
infected\_3

Sample

uninfected\_1

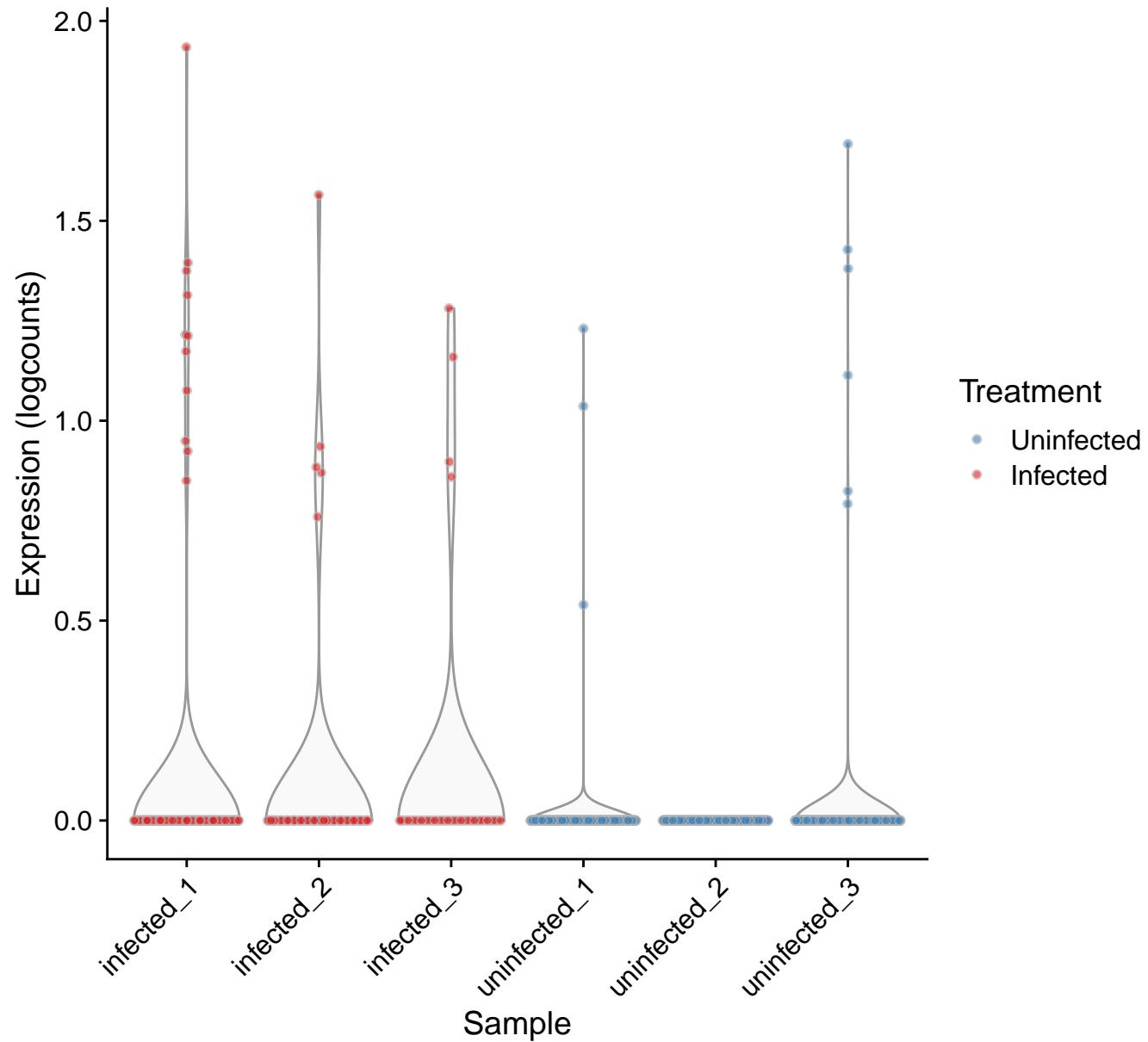
uninfected\_2

uninfected\_3



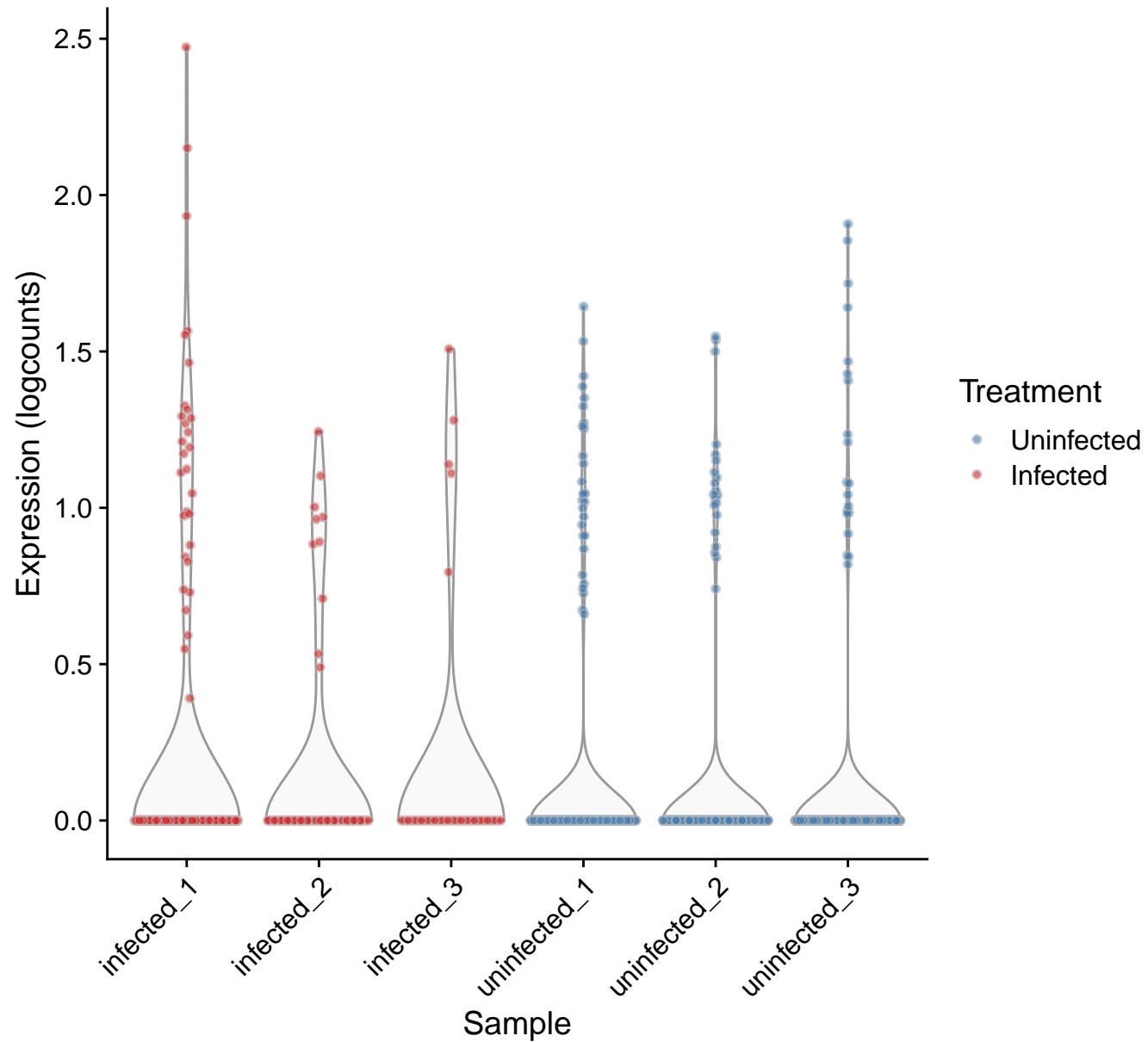
# GLB1L2 (FDR = 0.01)

cluster\_4



# CD300A (FDR = 0.01)

cluster\_4



# ID3 (FDR = 0.02)

cluster\_4

Expression (logcounts)

5

4

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

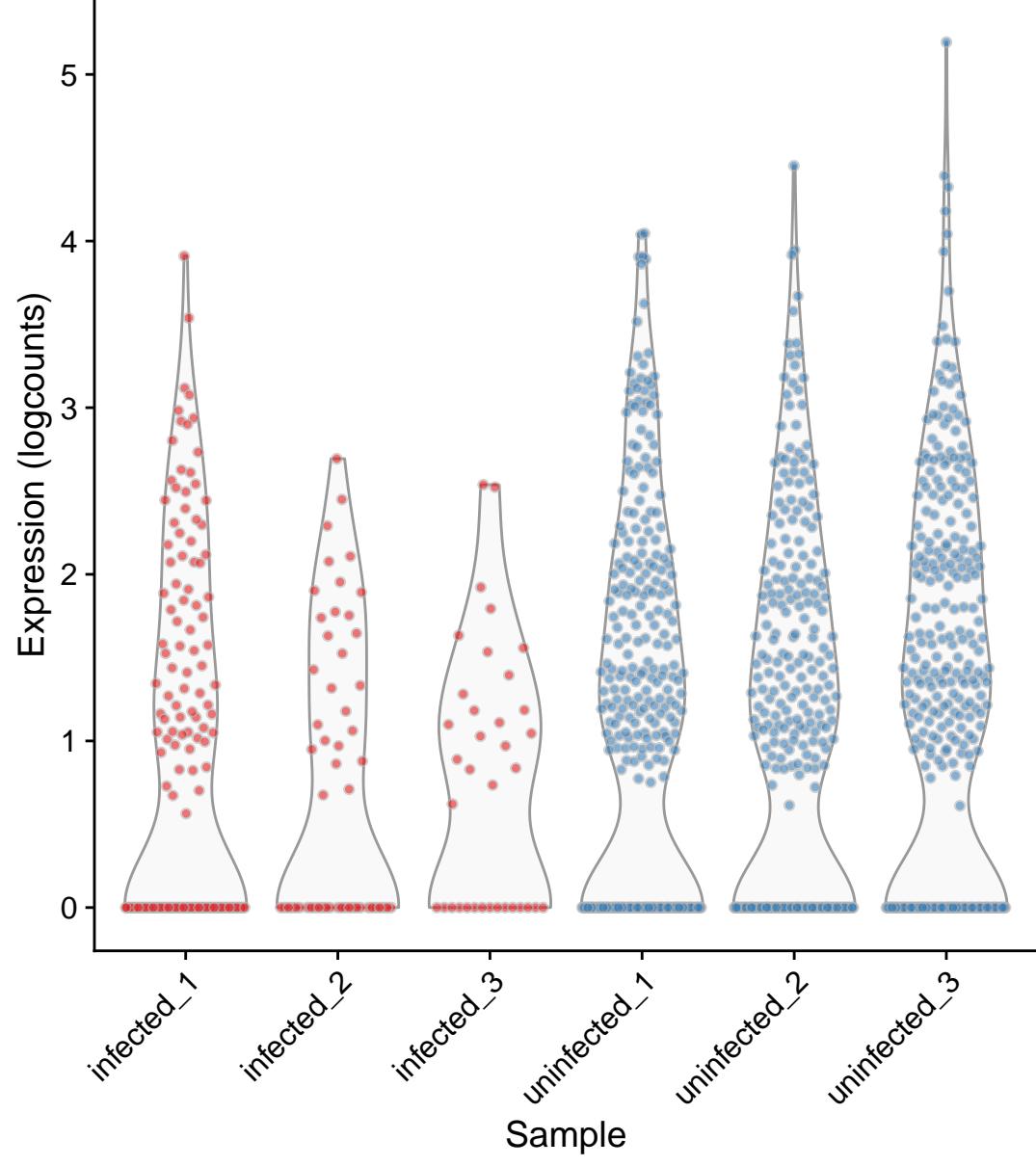
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# PCED1B (FDR = 0.02)

cluster\_4

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

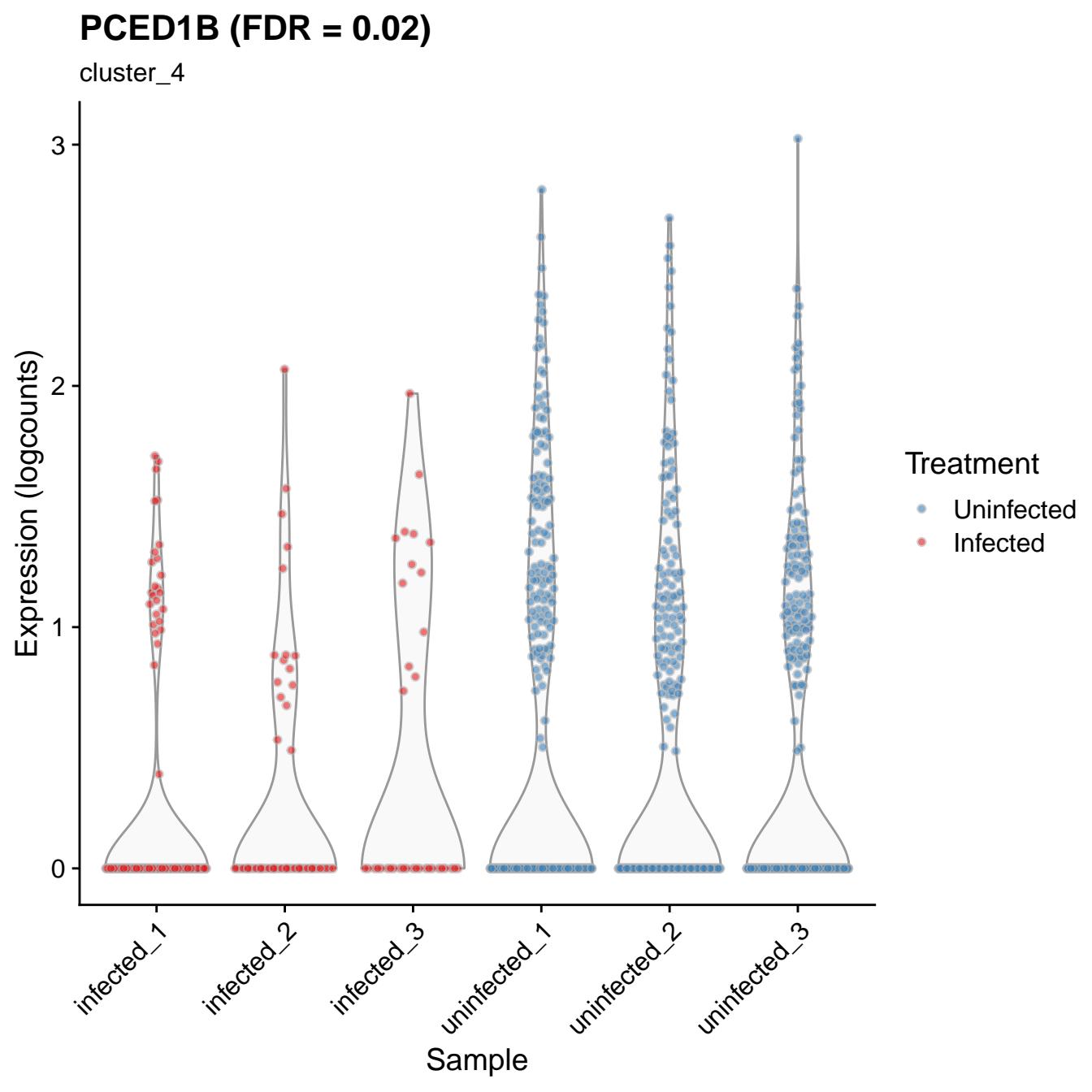
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# RASGRP4 (FDR = 0.02)

cluster\_4

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

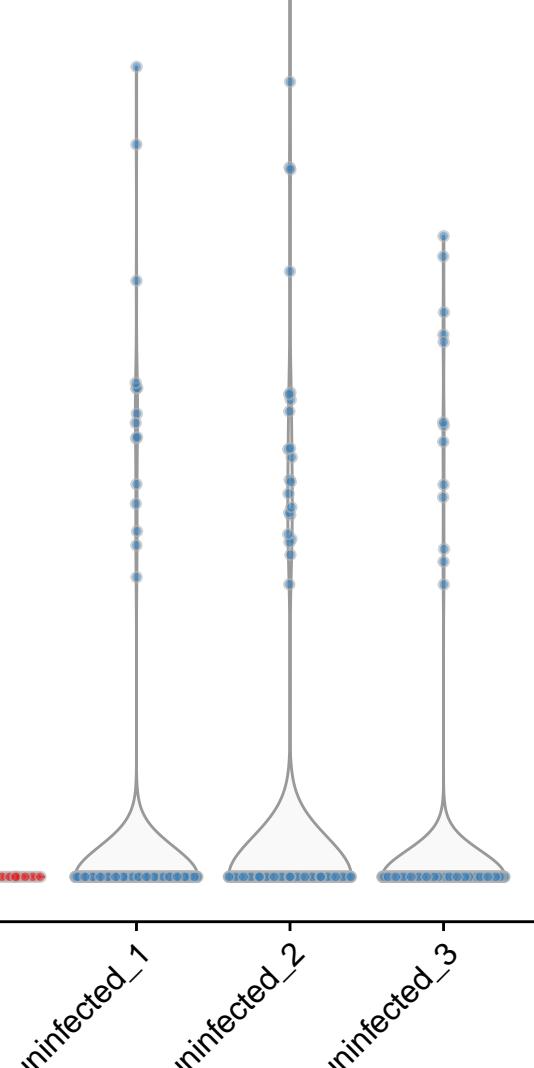
- Uninfected
- Infected

infected\_1

infected\_2

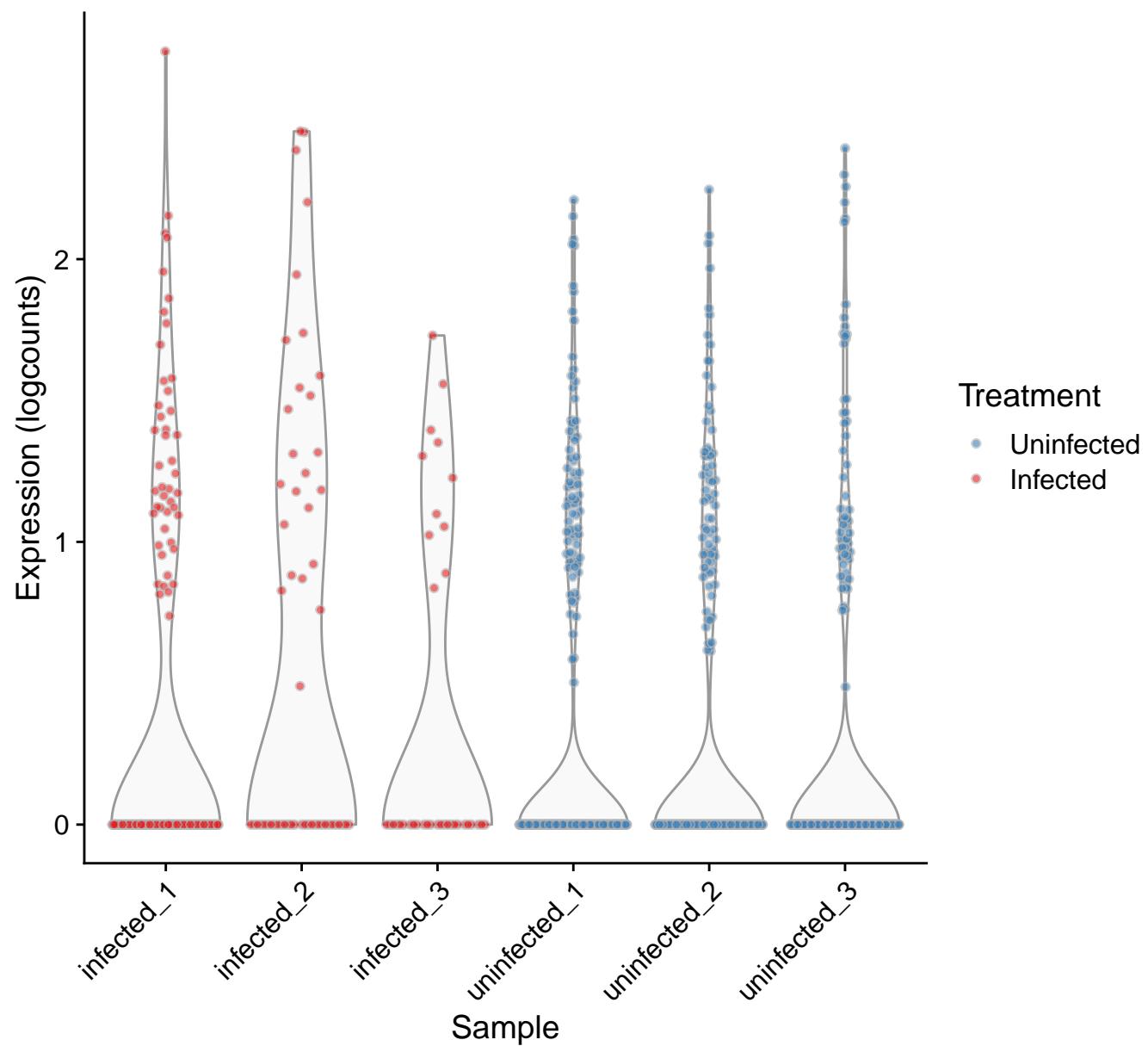
infected\_3

Sample



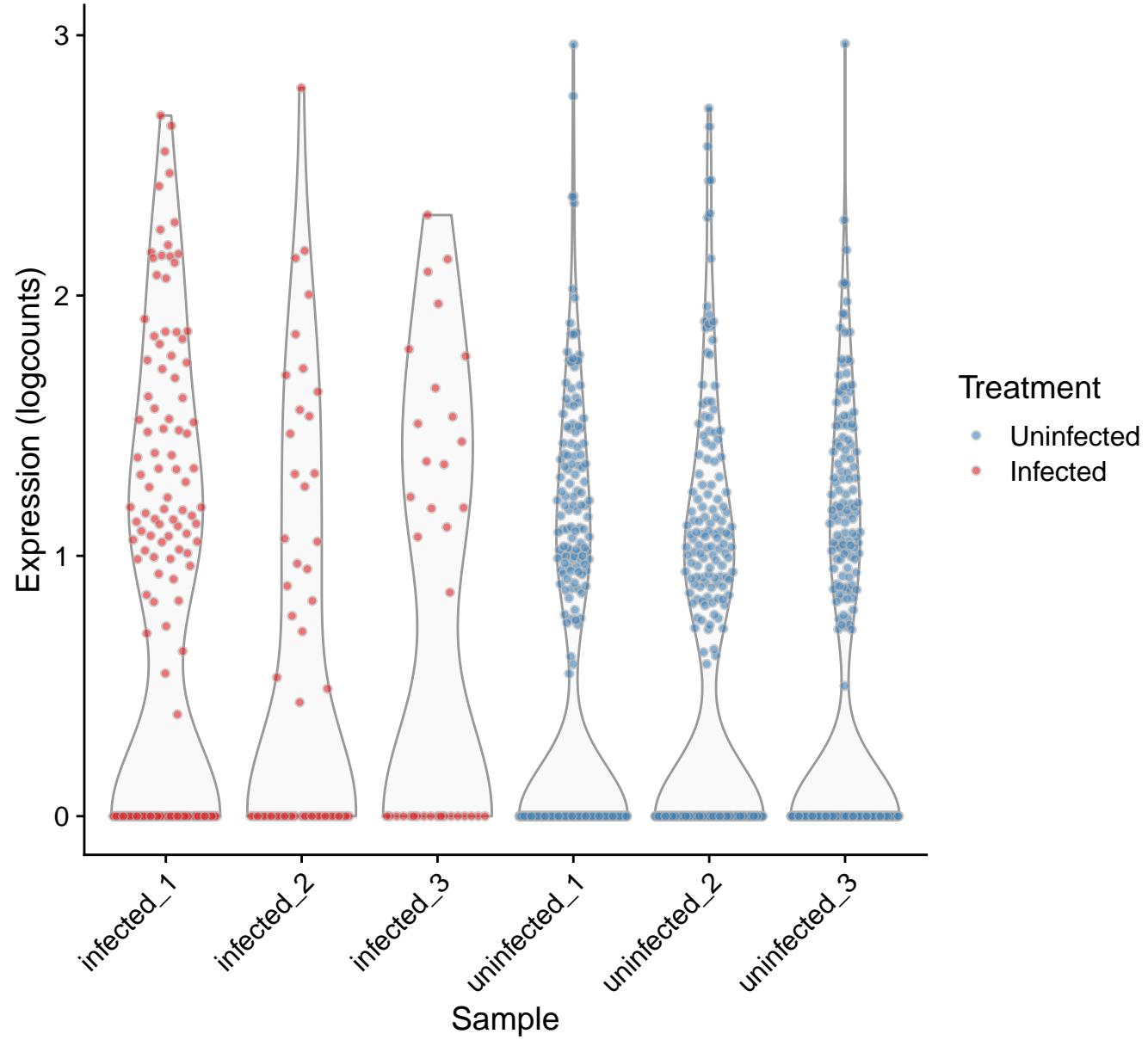
# CITED2 (FDR = 0.02)

cluster\_4



# NSMCE1 (FDR = 0.02)

cluster\_4



# TCEA3 (FDR = 0.02)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

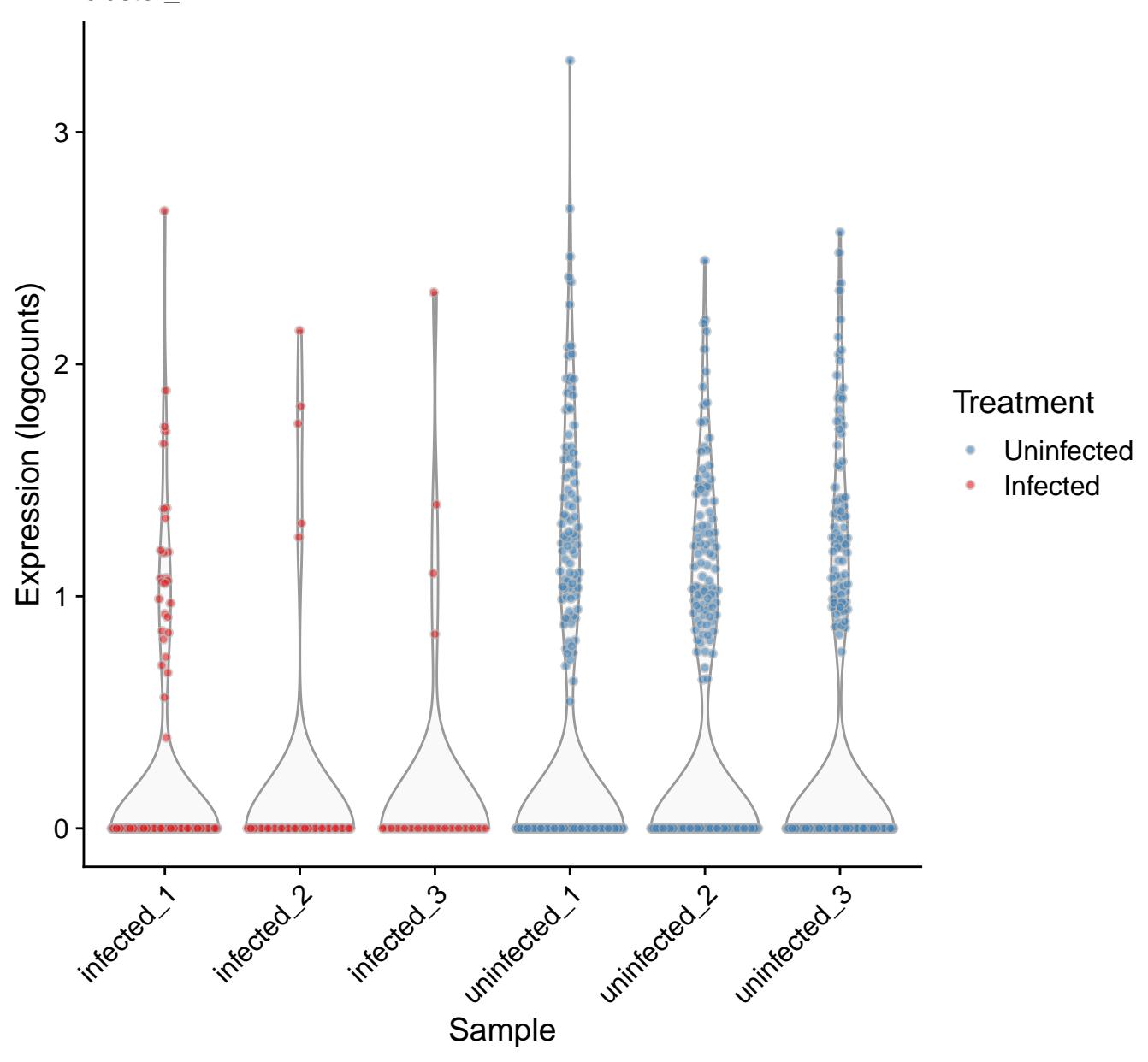
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# MX2 (FDR = 0.02)

cluster\_4

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_2

uninfected\_3

1

0

# TRAV8-3 (FDR = 0.02)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

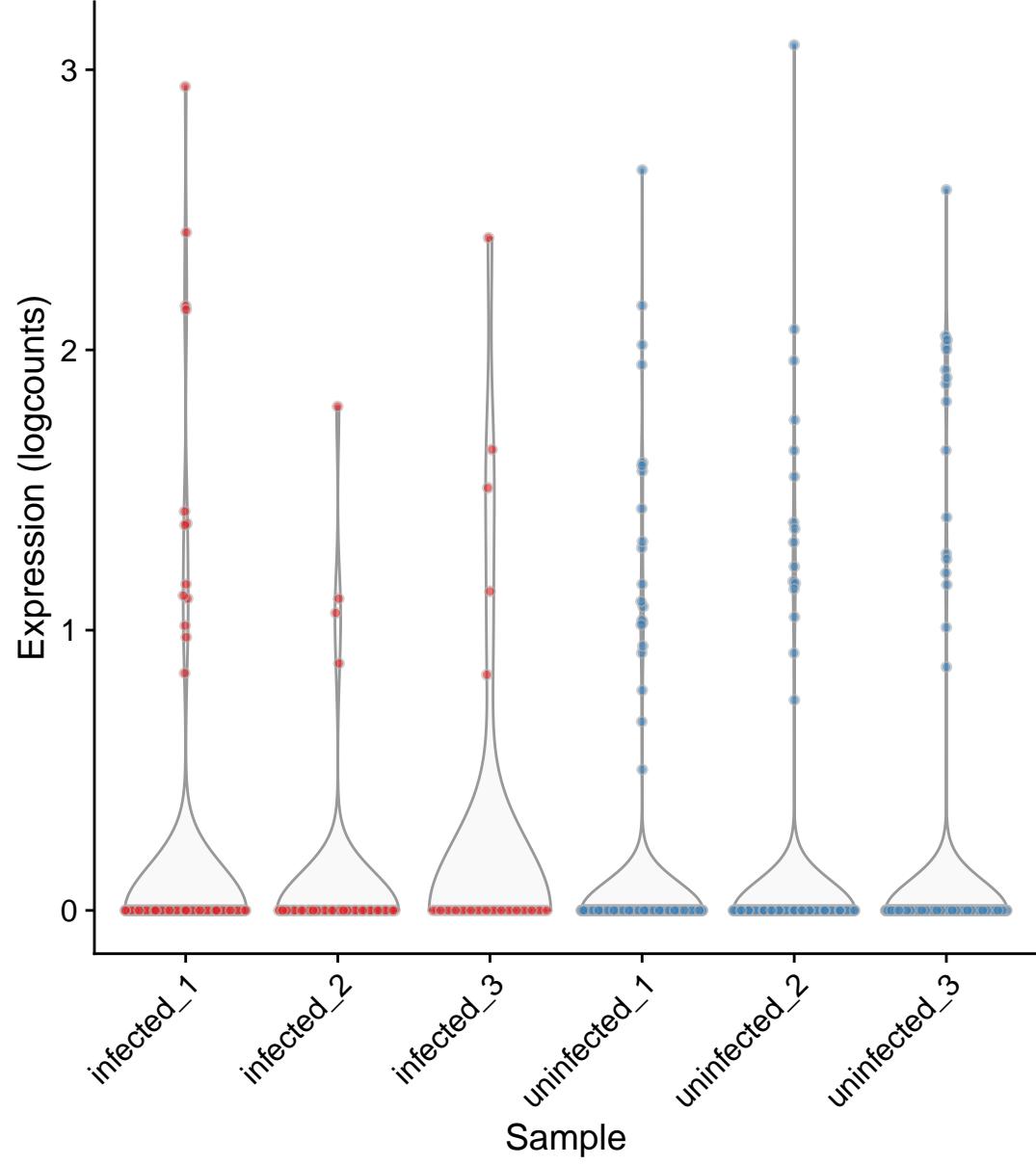
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# RNASE6 (FDR = 0.02)

cluster\_4

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

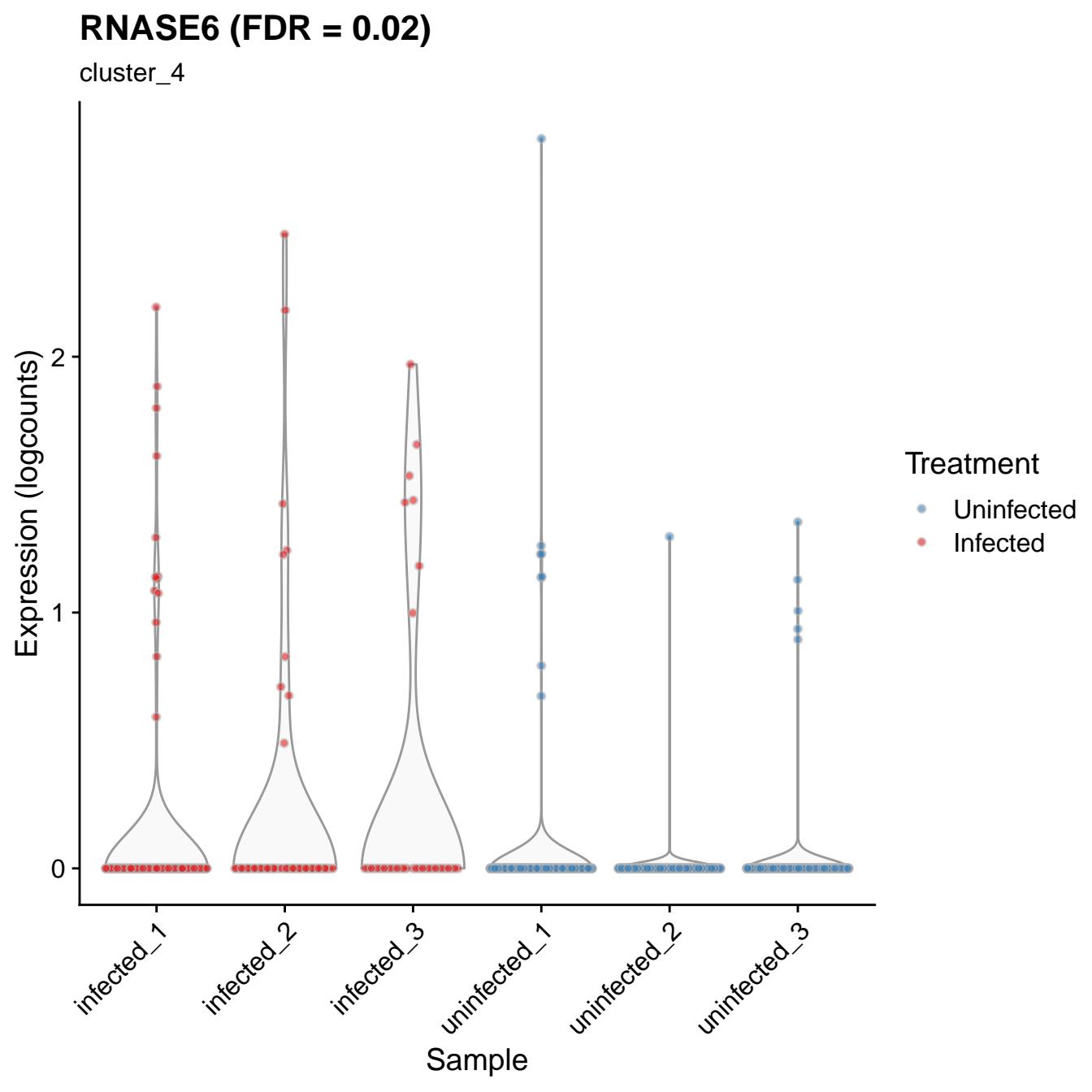
infected\_3

uninfected\_1

uninfected\_2

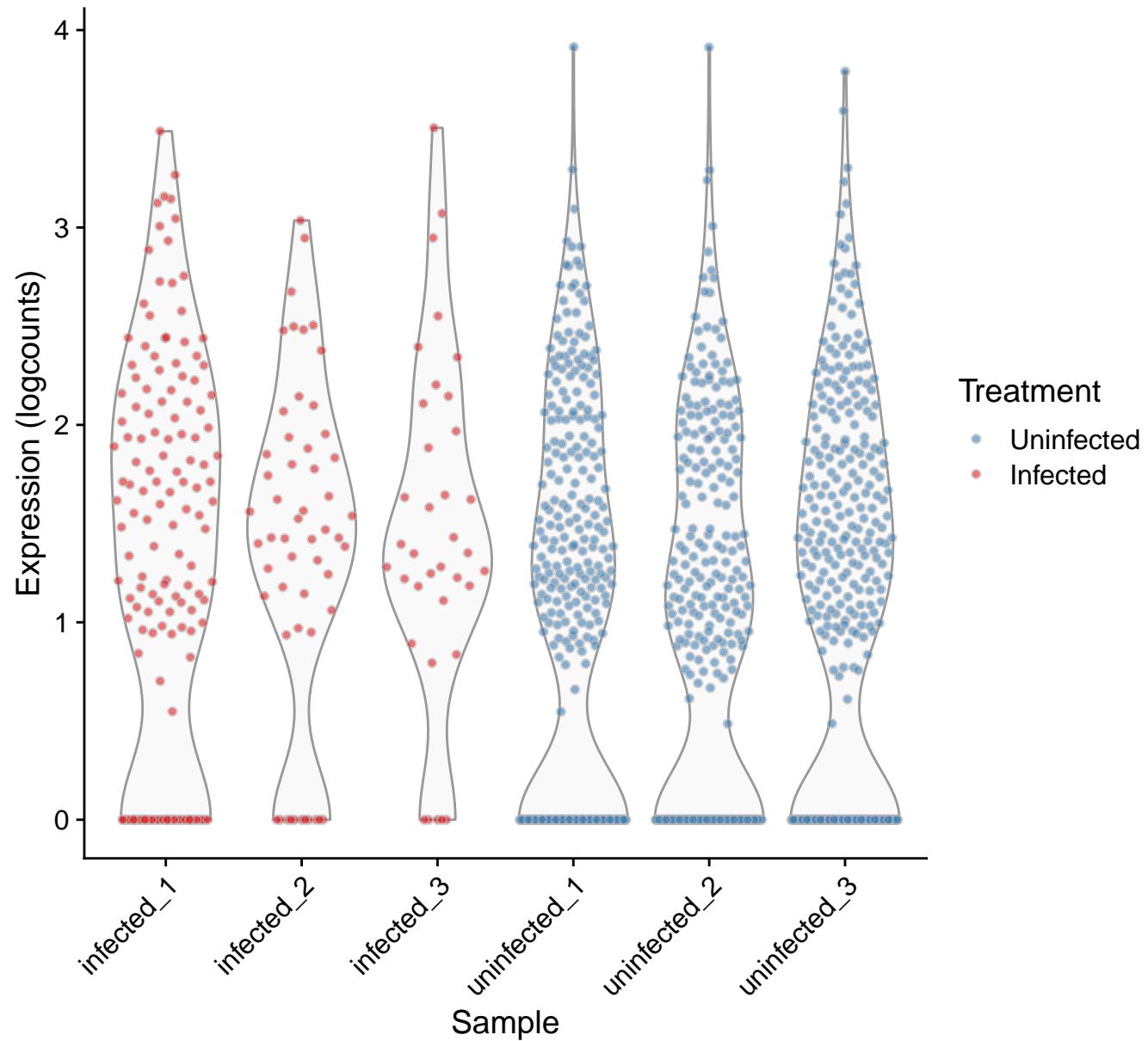
uninfected\_3

Sample



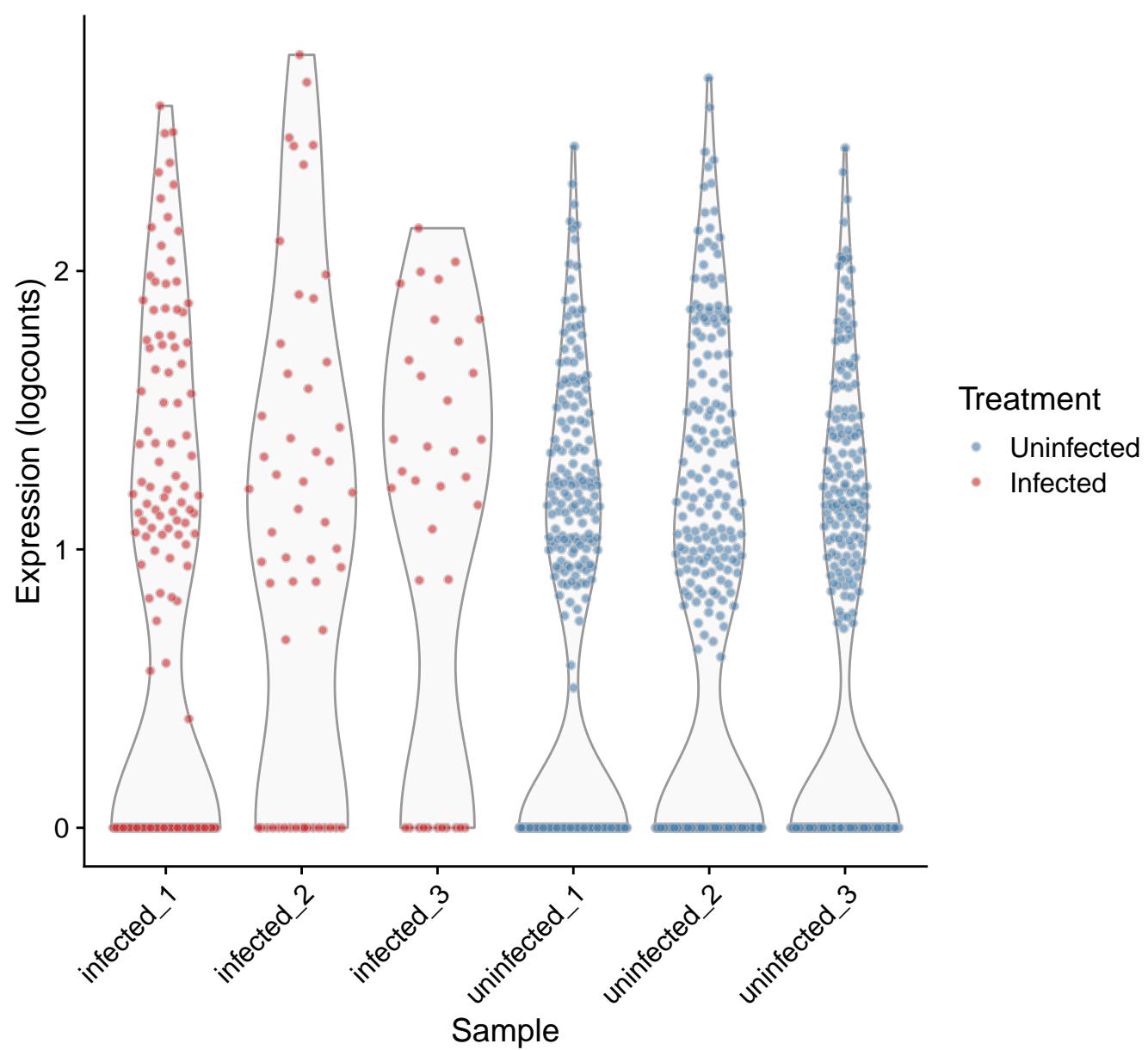
# TNFSF10 (FDR = 0.02)

cluster\_4



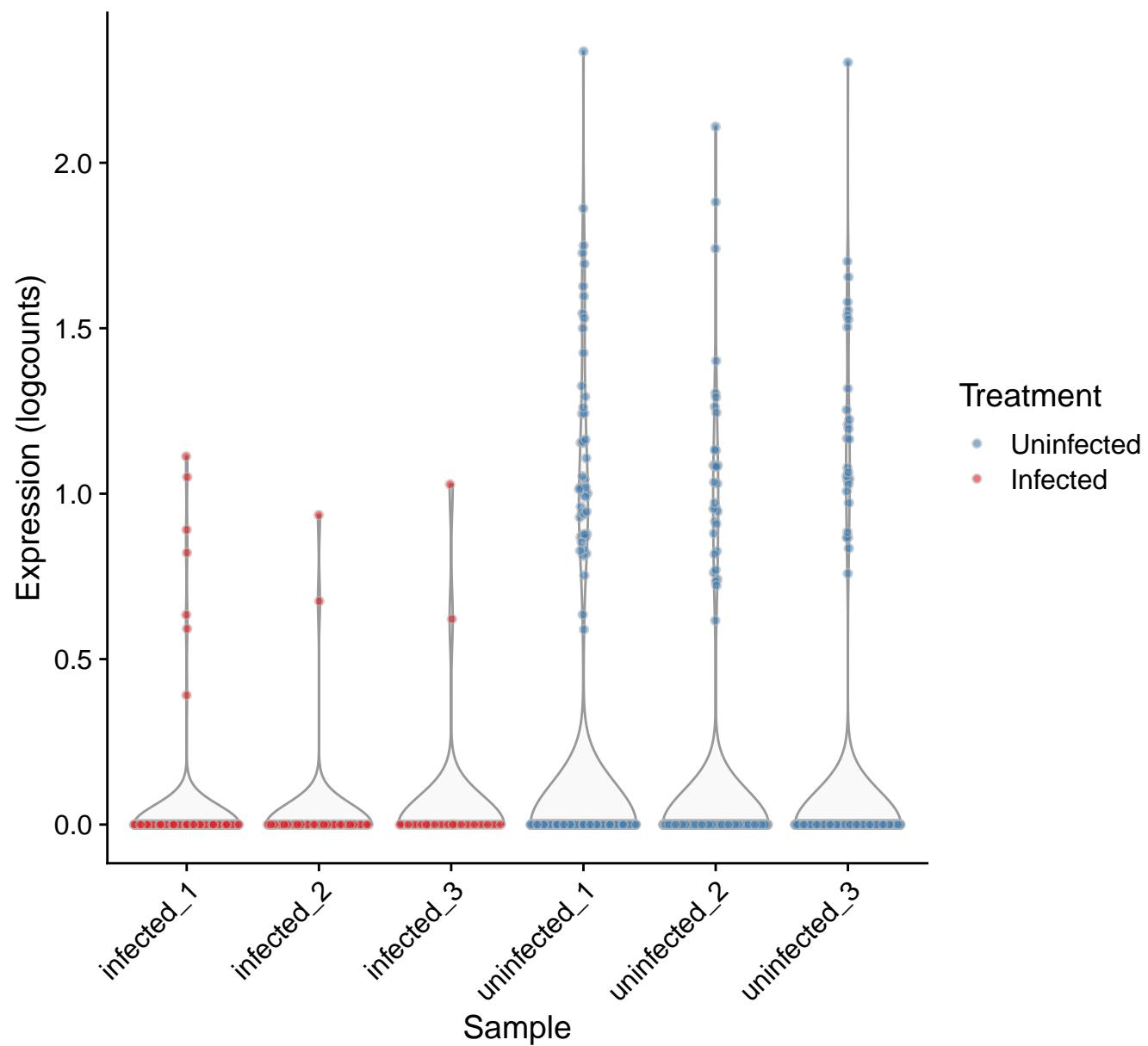
# CDC123 (FDR = 0.02)

cluster\_4



# ACTN1 (FDR = 0.03)

cluster\_4



# FTL (FDR = 0.03)

cluster\_4

Expression (logcounts)

4

3

1

0

infected\_1

infected\_2

infected\_3

Sample

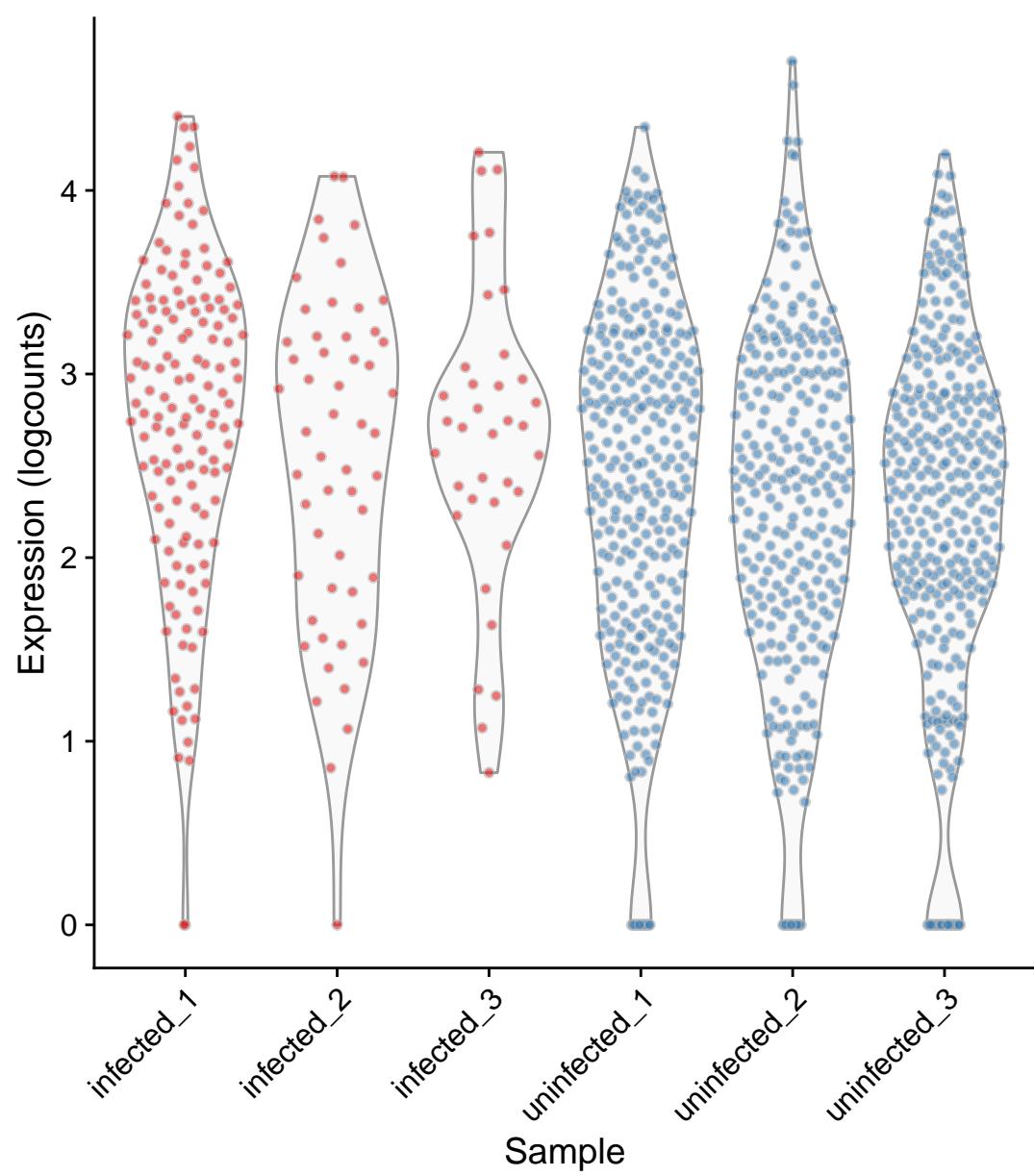
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# RPS18 (FDR = 0.03)

cluster\_4

Expression (logcounts)

6

4

2

0

infected\_1

infected\_2

infected\_3

Sample

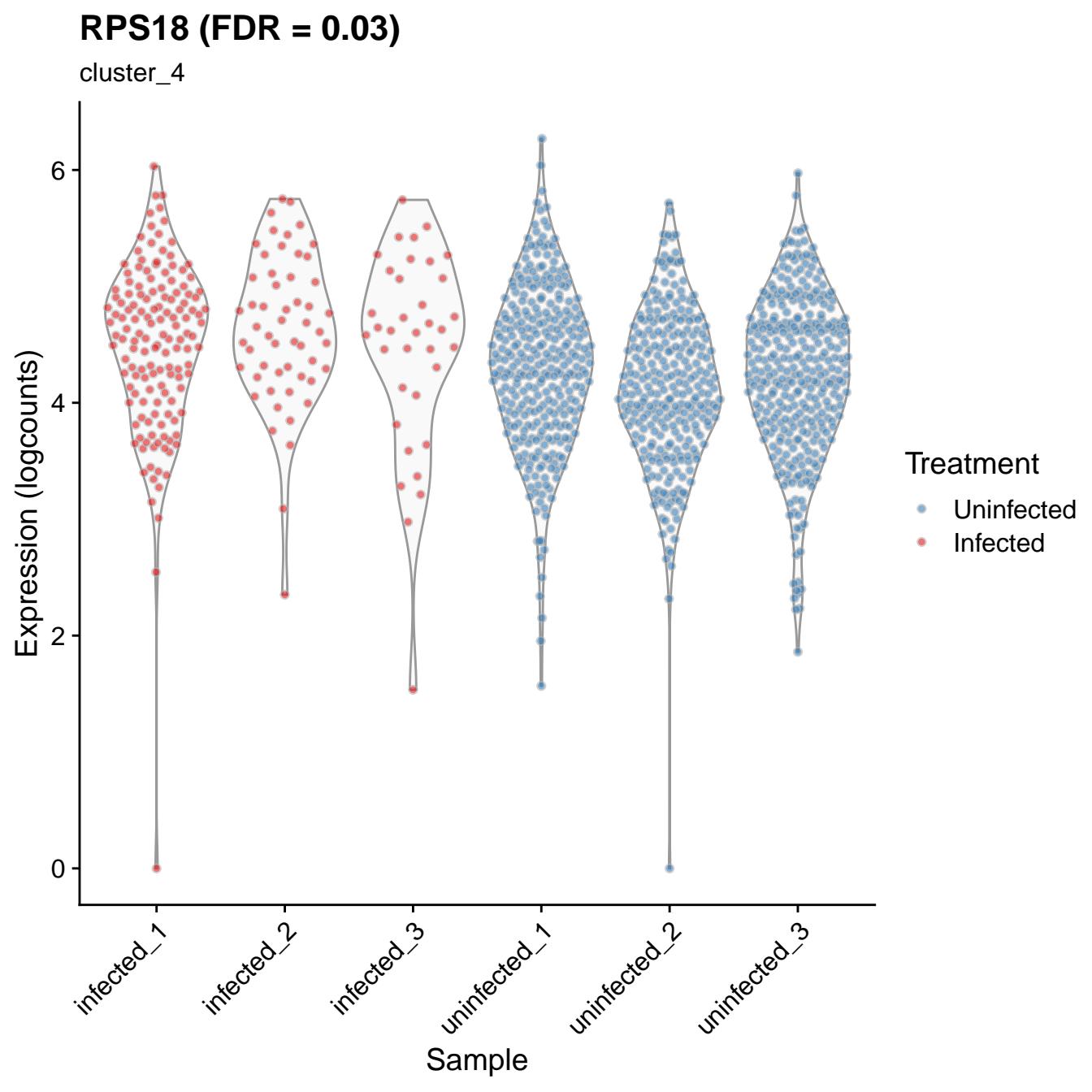
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# STK17B (FDR = 0.03)

cluster\_4

Expression (logcounts)

3

2

1

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

Sample

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

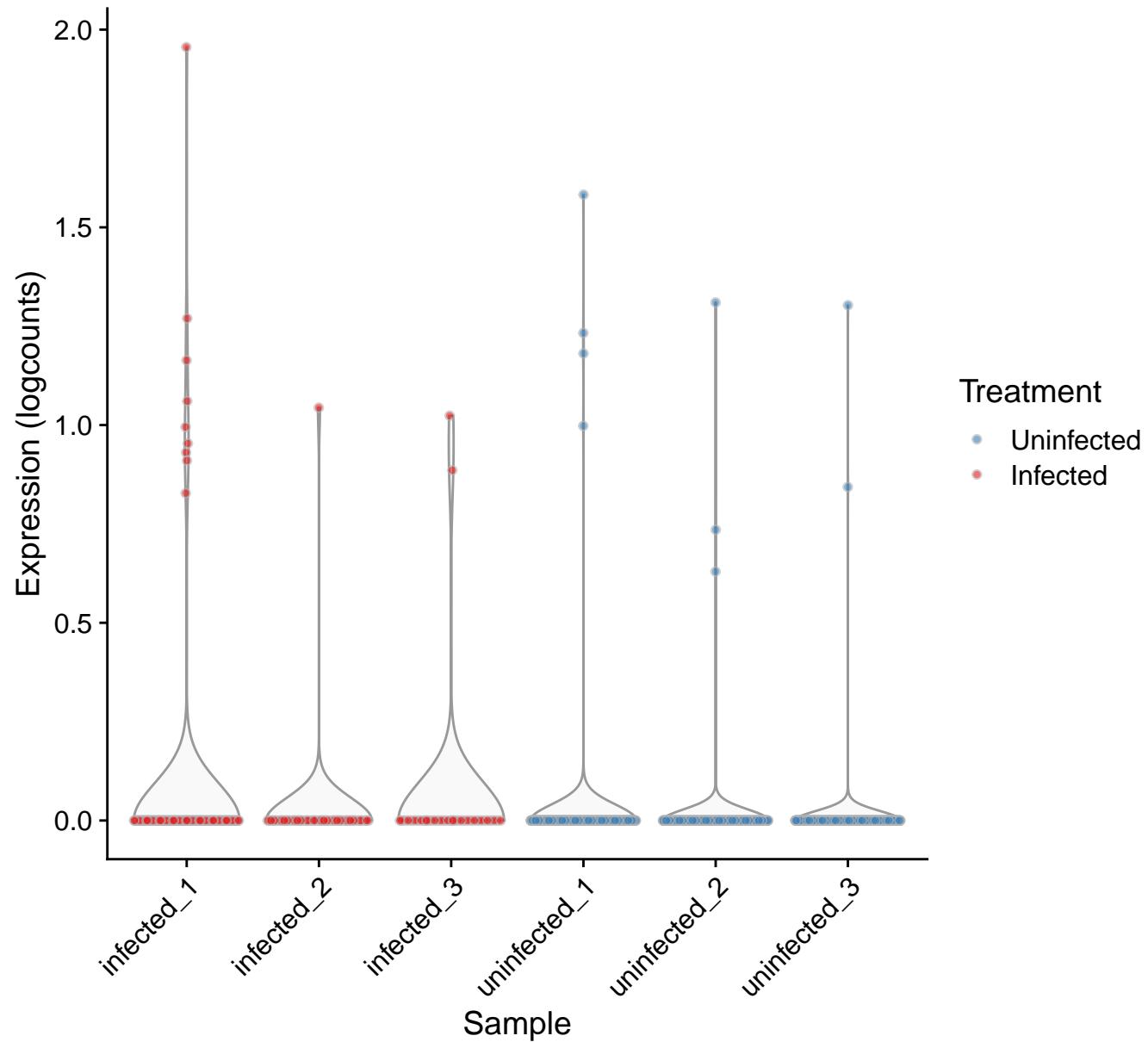
uninfected\_1

uninfected\_2

uninfected\_3

# DHRS3 (FDR = 0.03)

cluster\_4



# SMCO4 (FDR = 0.03)

cluster\_4

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

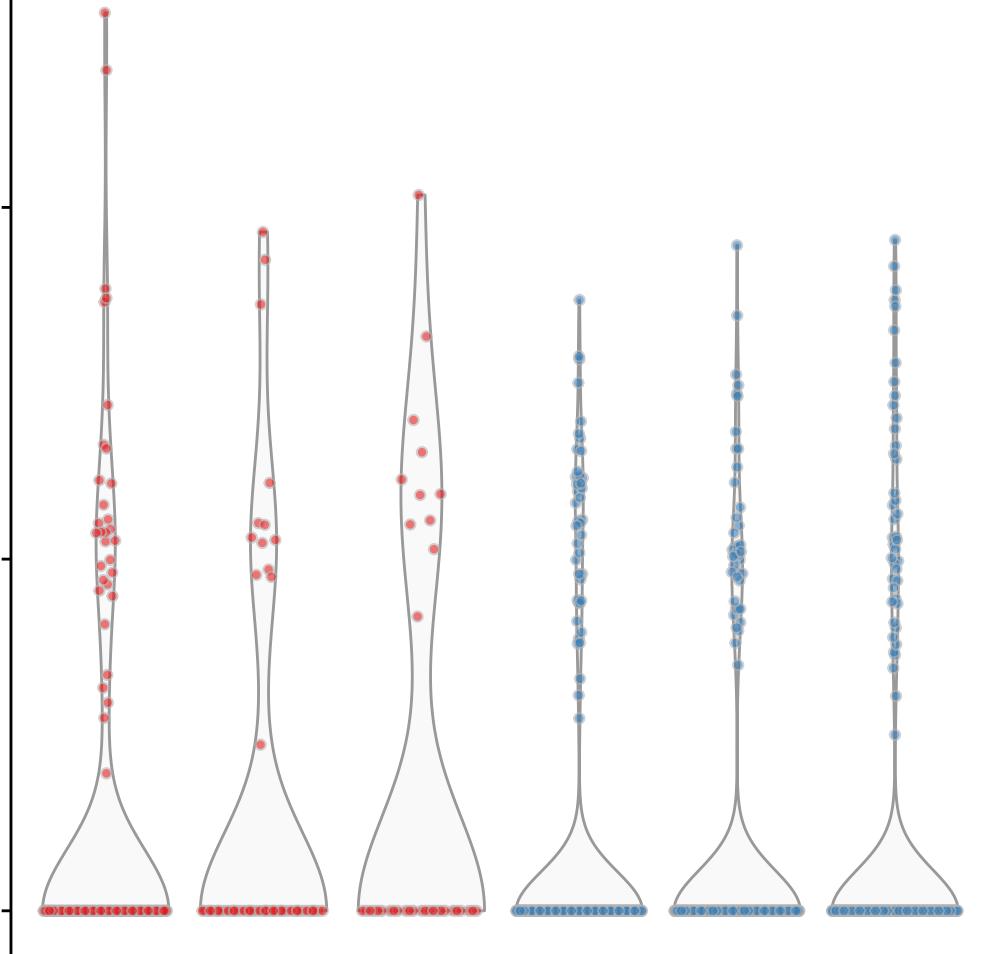
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# NUDT5 (FDR = 0.04)

cluster\_4

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

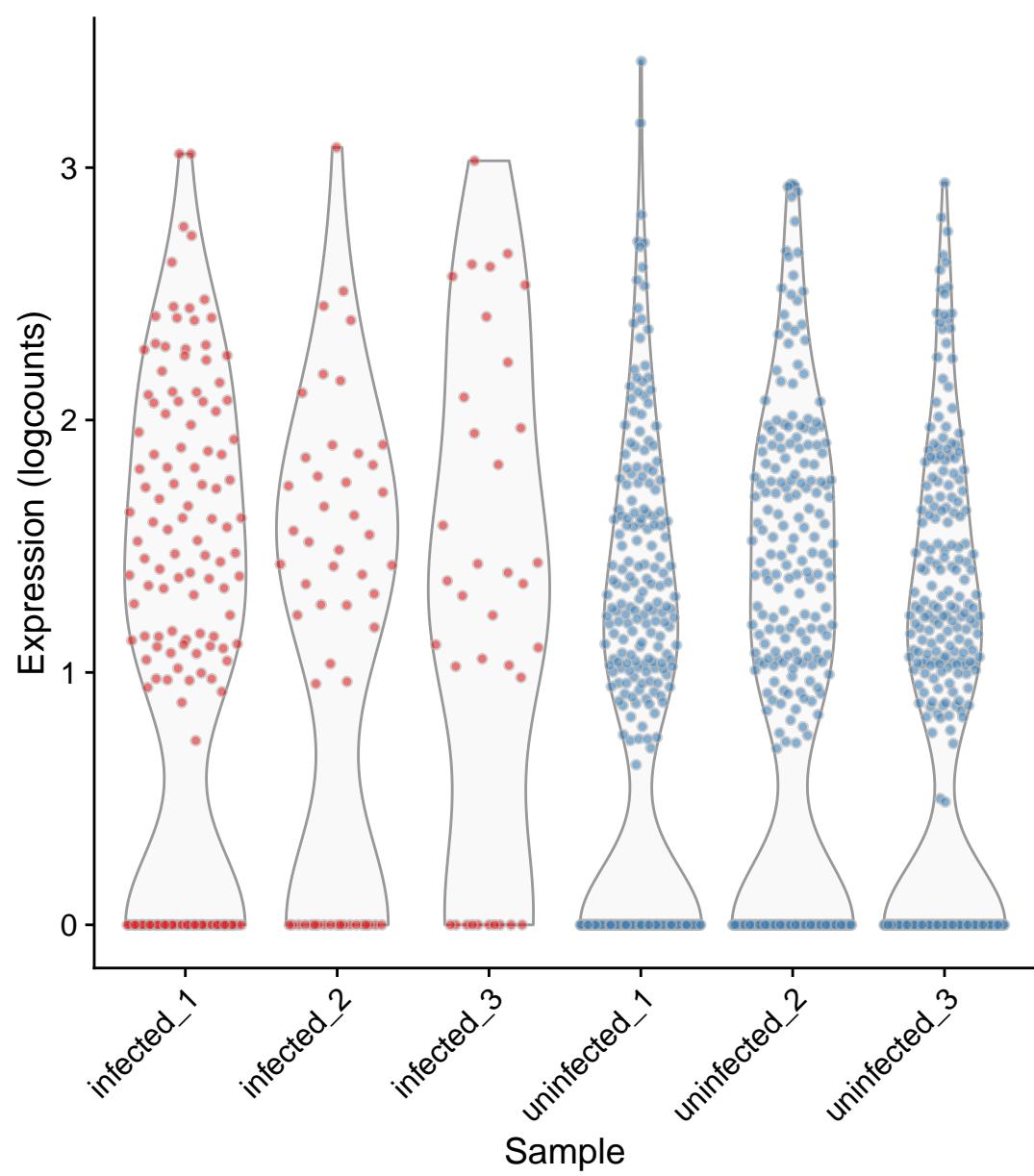
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# BLVRA (FDR = 0.04)

cluster\_4

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

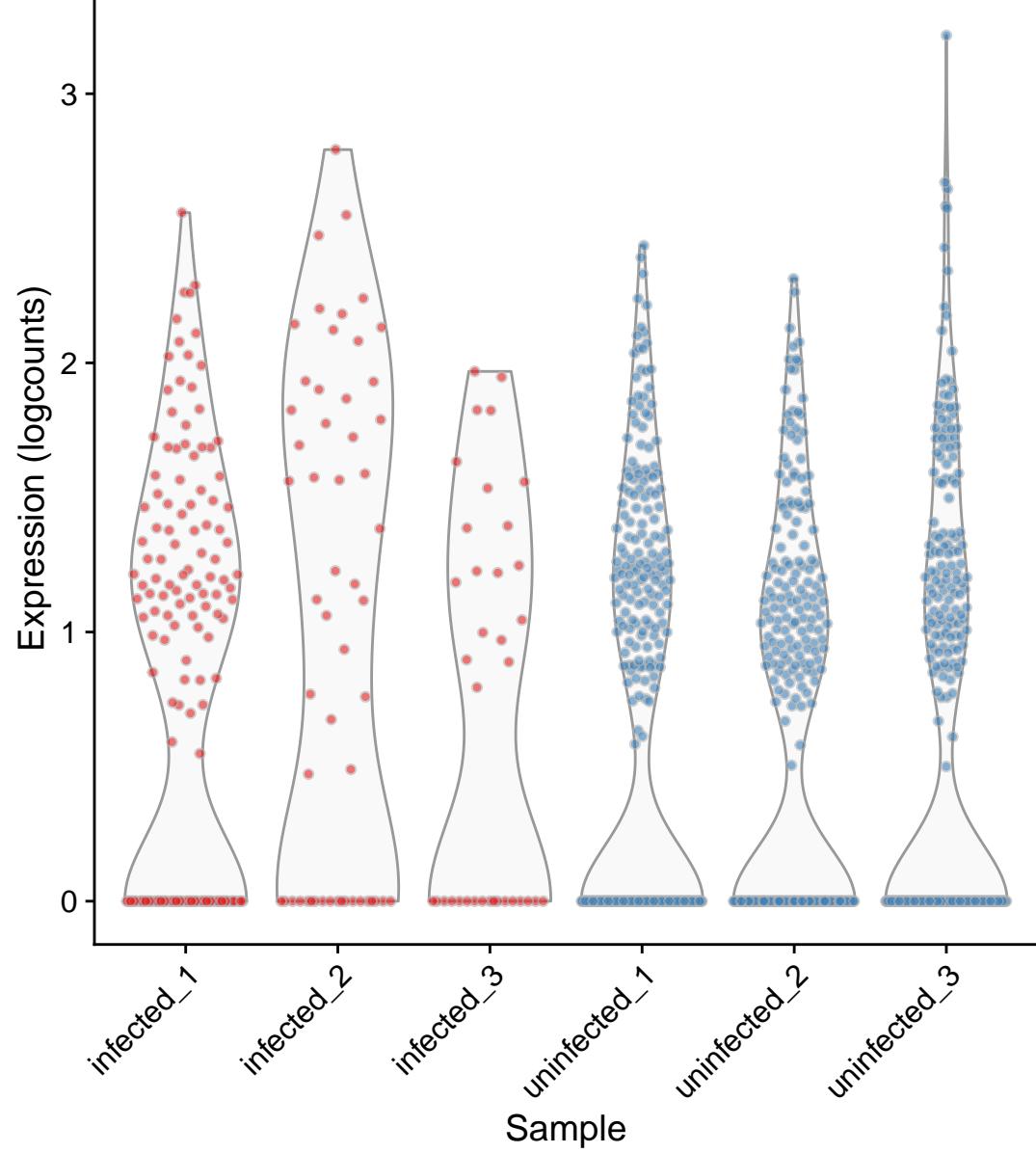
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# IL12RB2 (FDR = 0.04)

cluster\_4

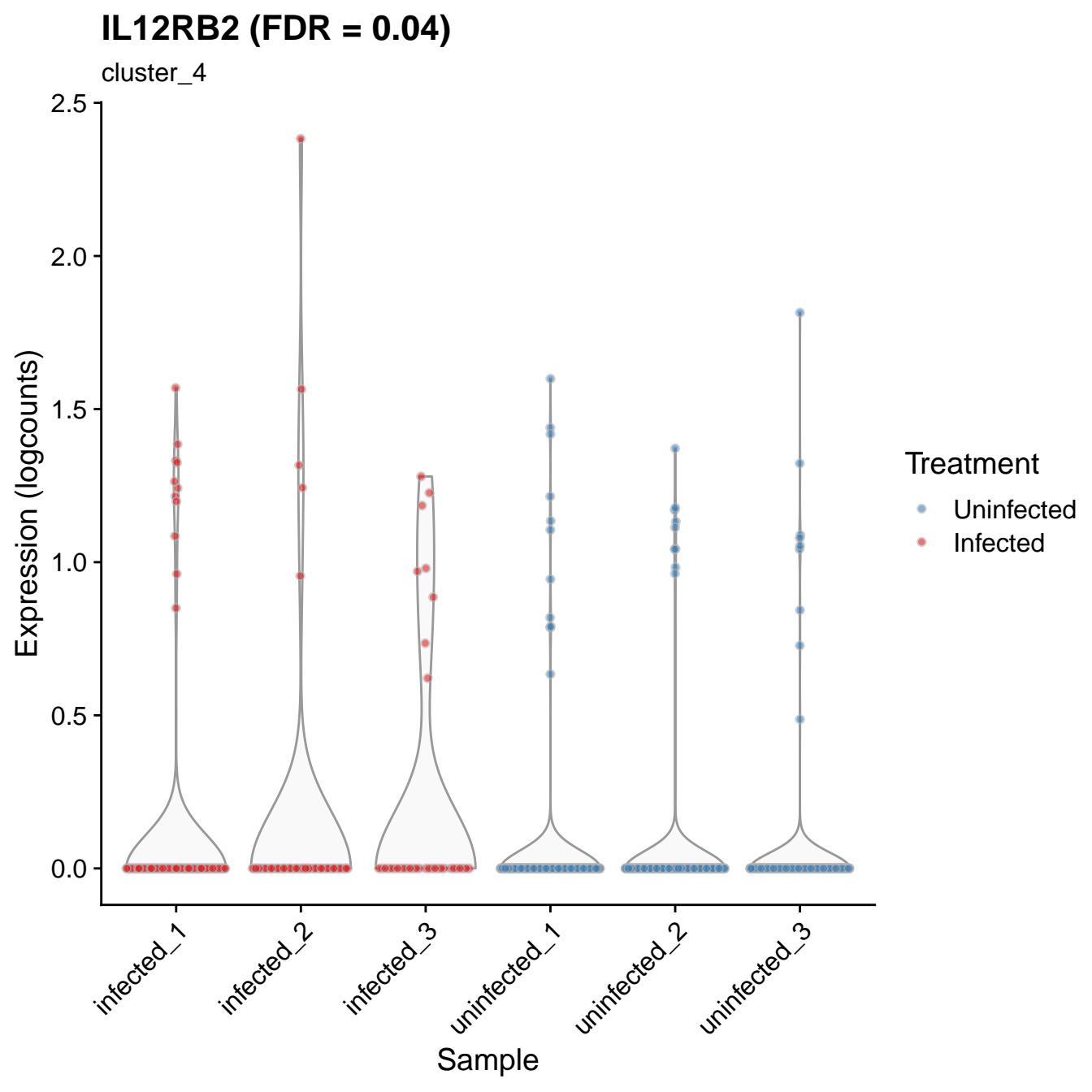
Expression (logcounts)

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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

Sample

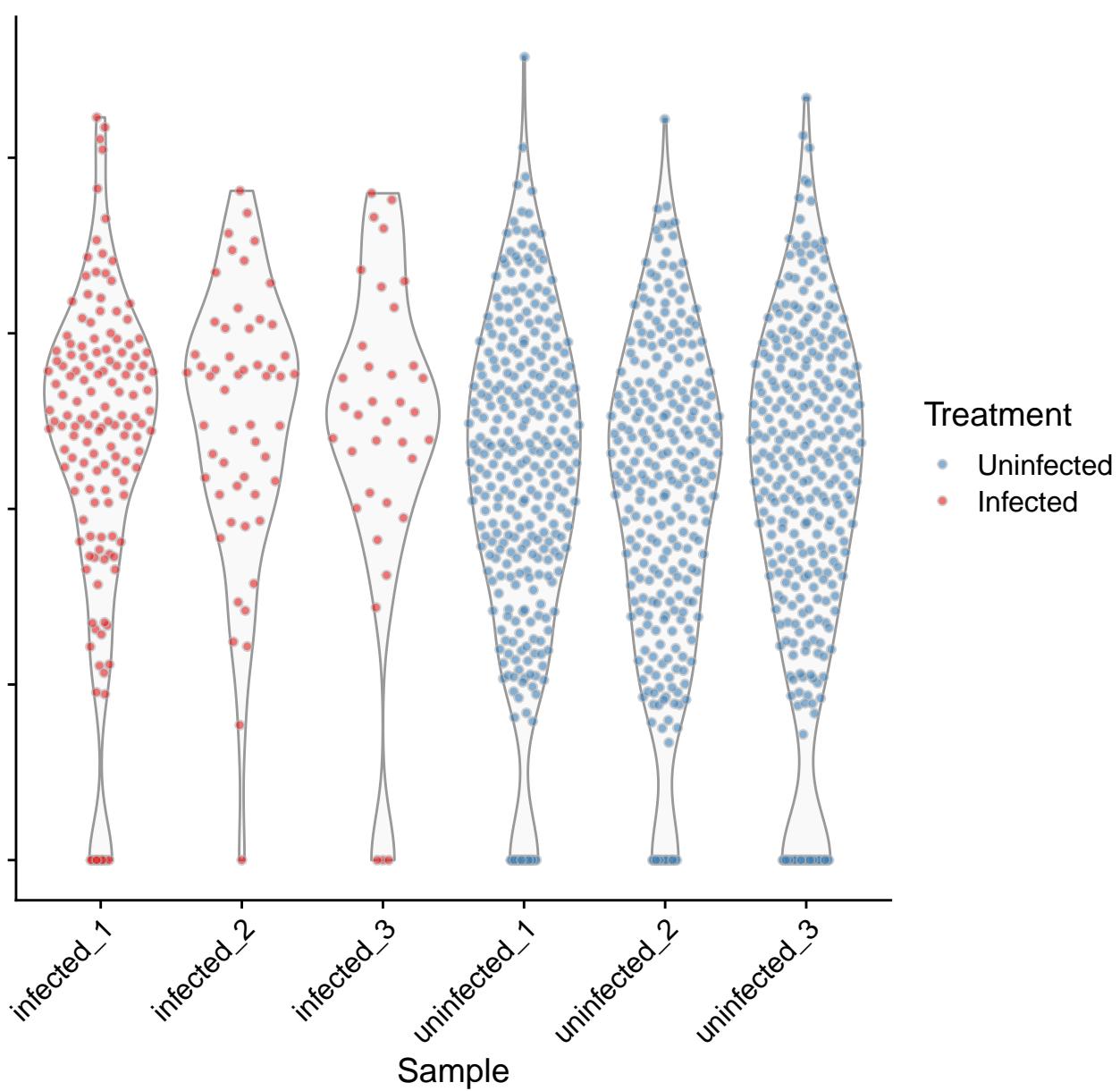
Treatment  
Uninfected  
Infected



# RPS2 (FDR = 0.04)

cluster\_4

Expression (logcounts)



# FAM13A (FDR = 0.04)

cluster\_4

Expression (logcounts)

3

2

1

Treatment

- Uninfected
- Infected

infected\_1

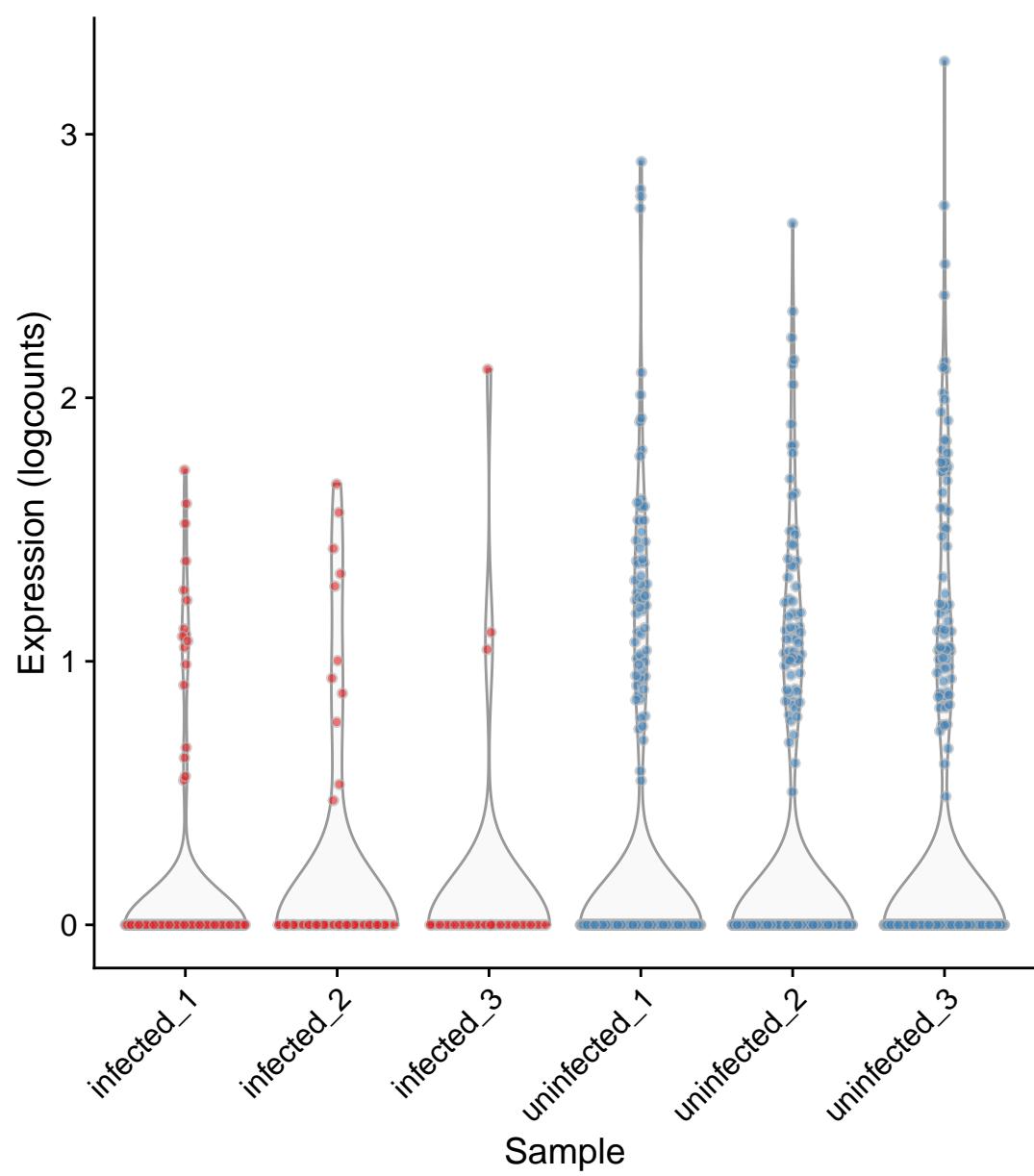
infected\_2

infected\_3

Sample

uninfected\_1  
uninfected\_2

uninfected\_3



# LST1 (FDR = 0.04)

cluster\_4

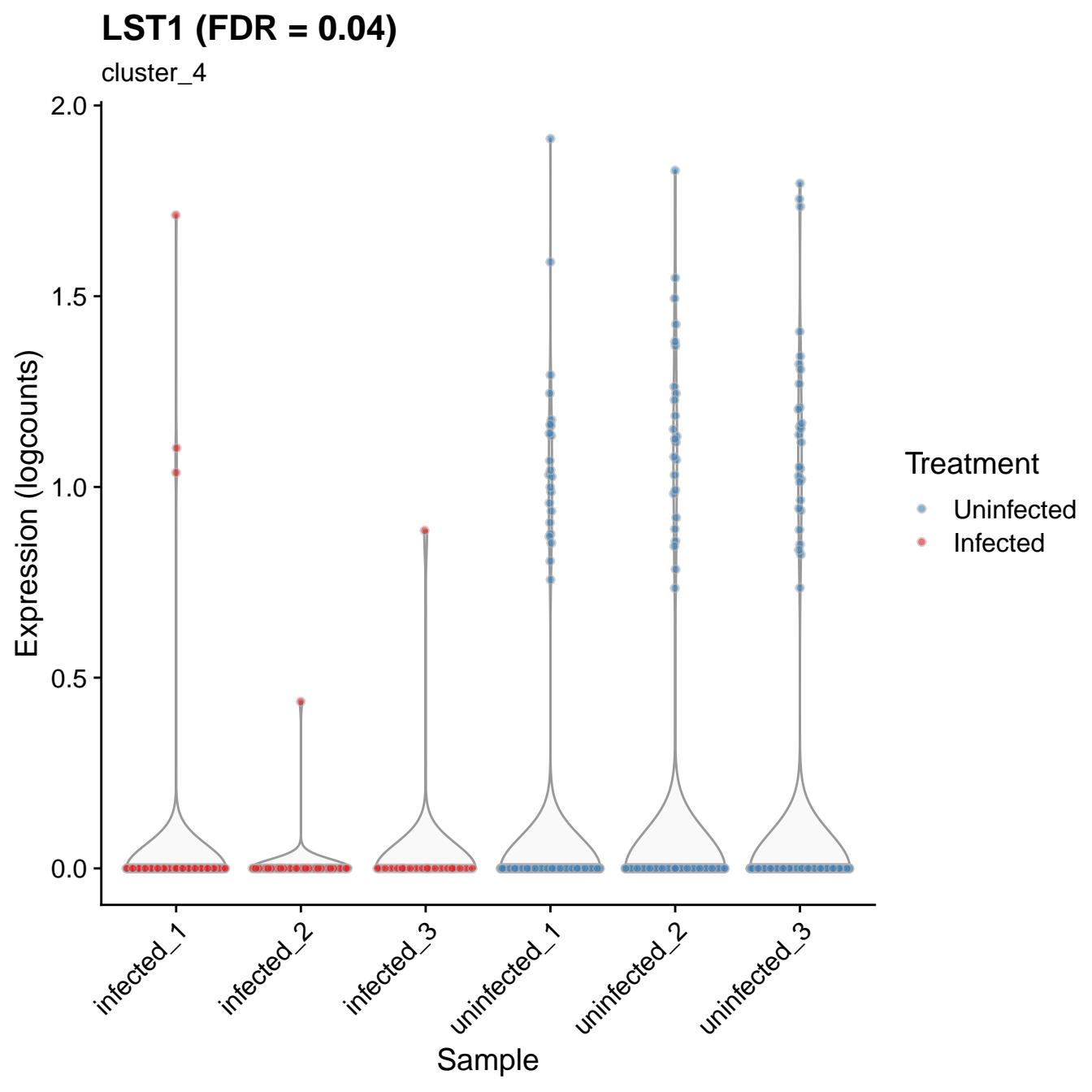
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

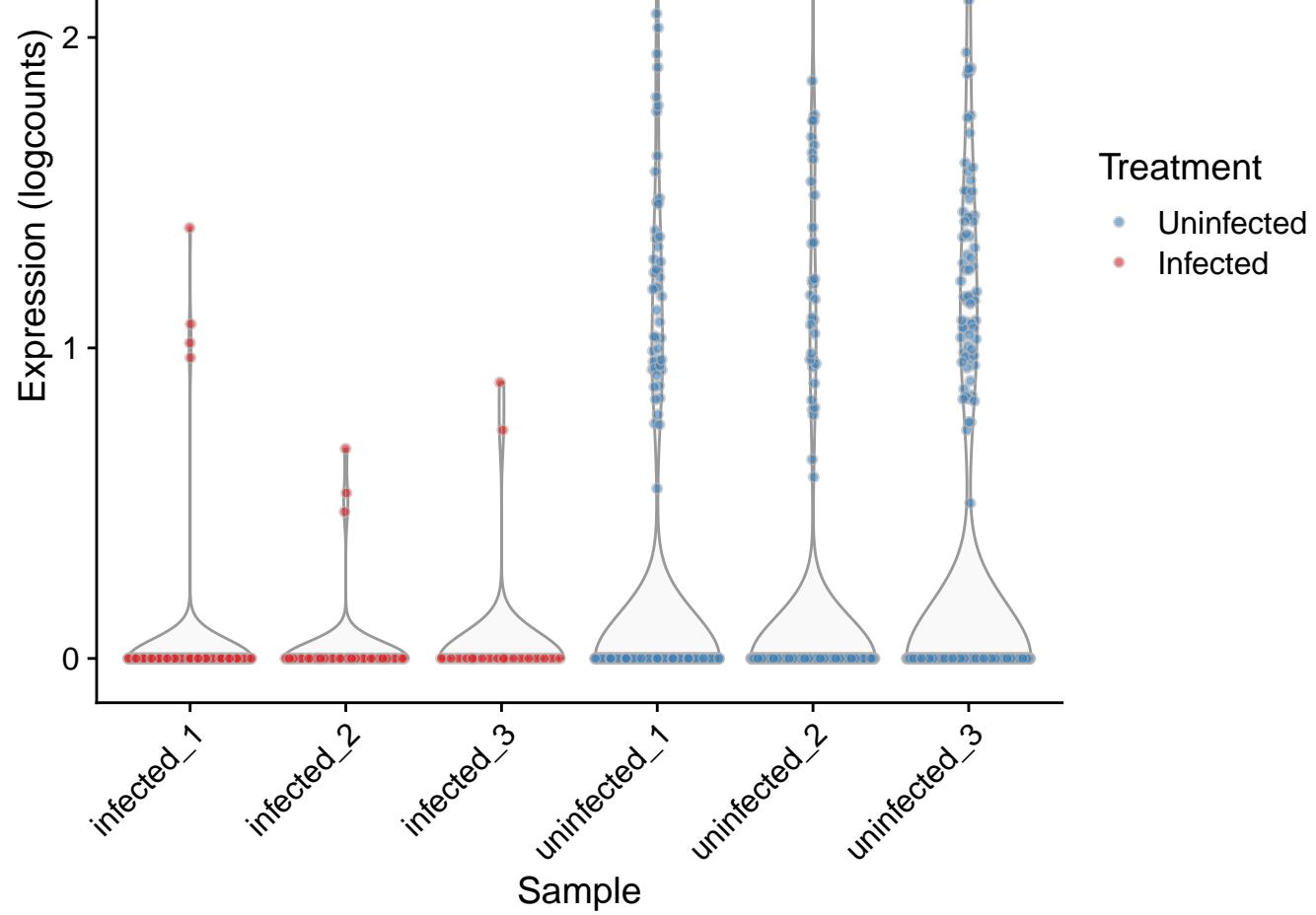
Sample

Treatment  
Uninfected  
Infected



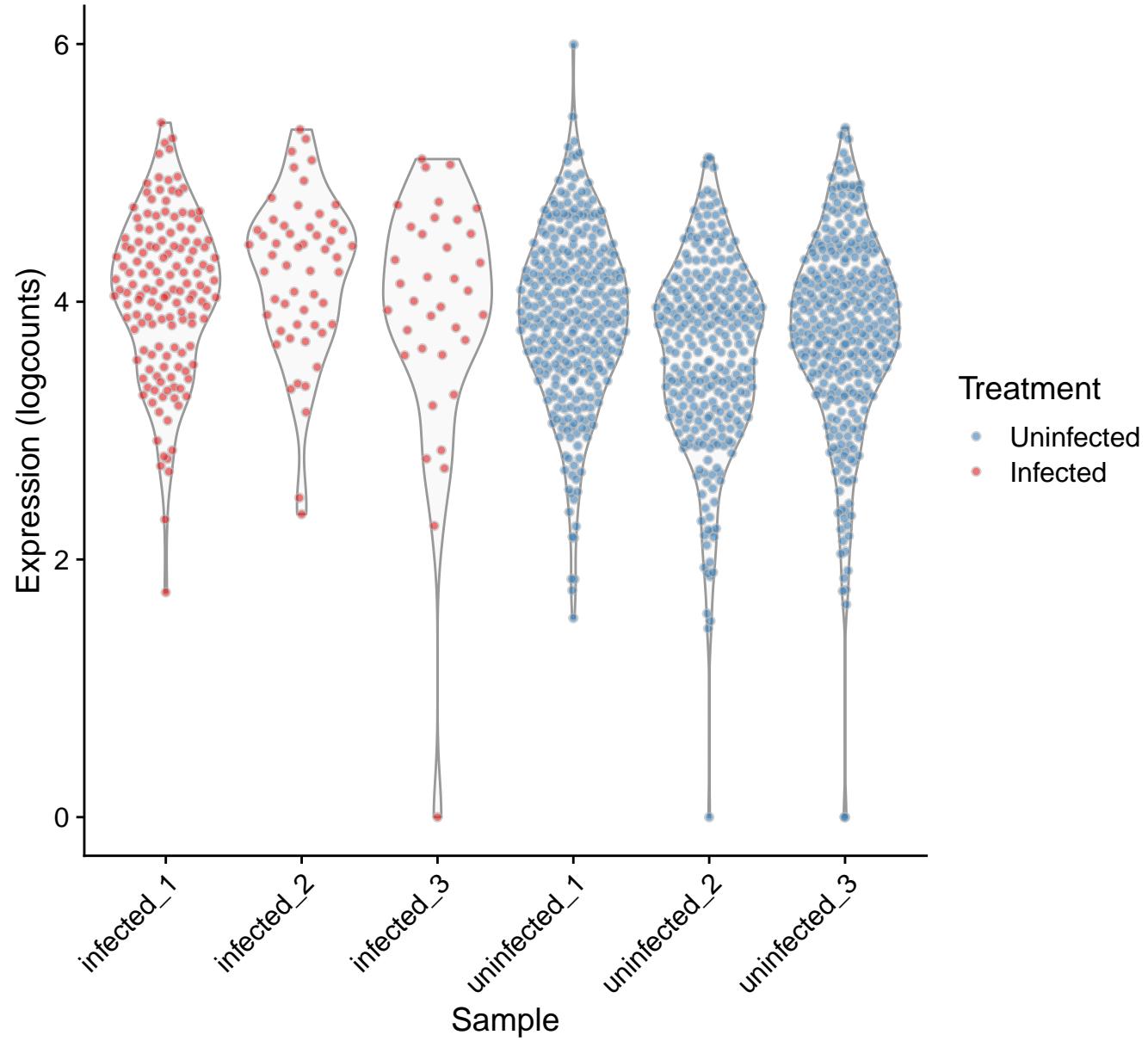
# RSAD2 (FDR = 0.04)

cluster\_4



# RPS6 (FDR = 0.04)

cluster\_4



# KLRD1 (FDR = 0.04)

cluster\_4

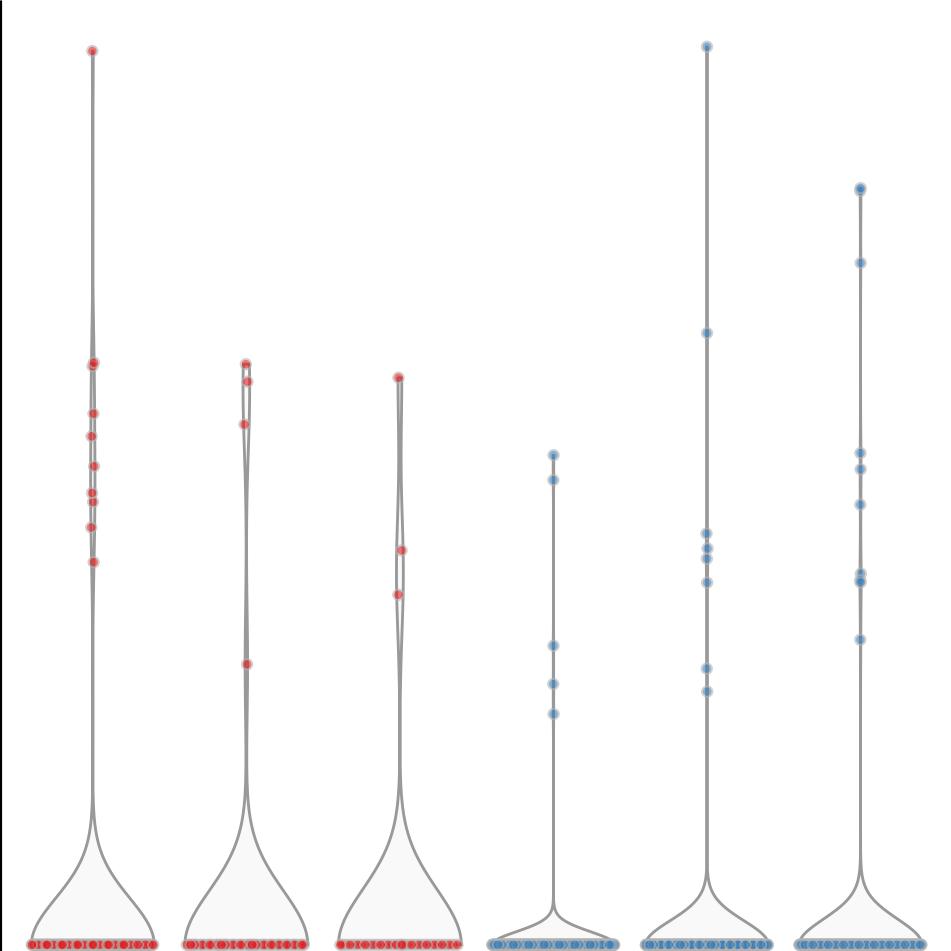
Expression (logcounts)

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



# RARRES3 (FDR = 0.04)

cluster\_4

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

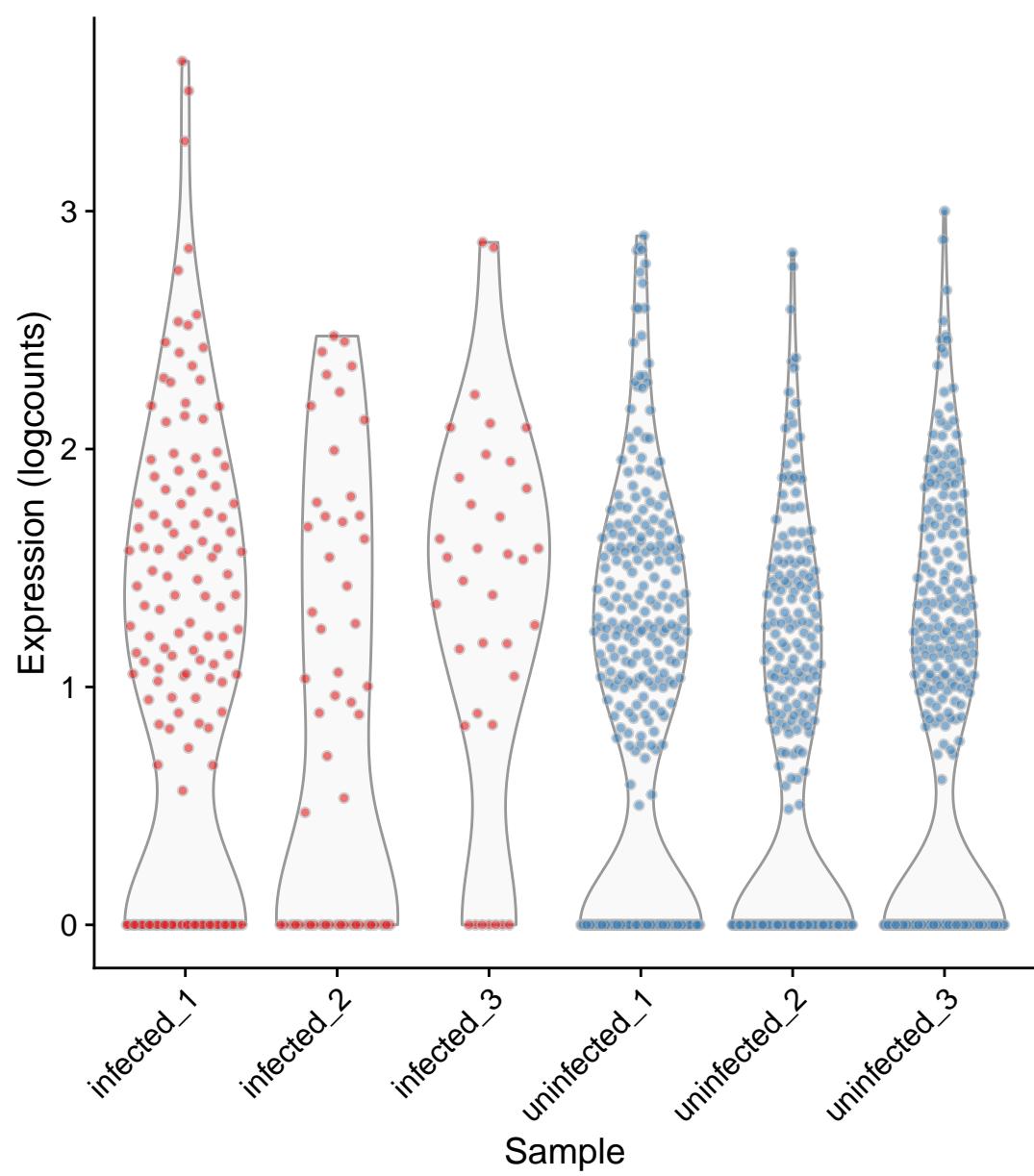
uninfected\_2

uninfected\_3

Sample

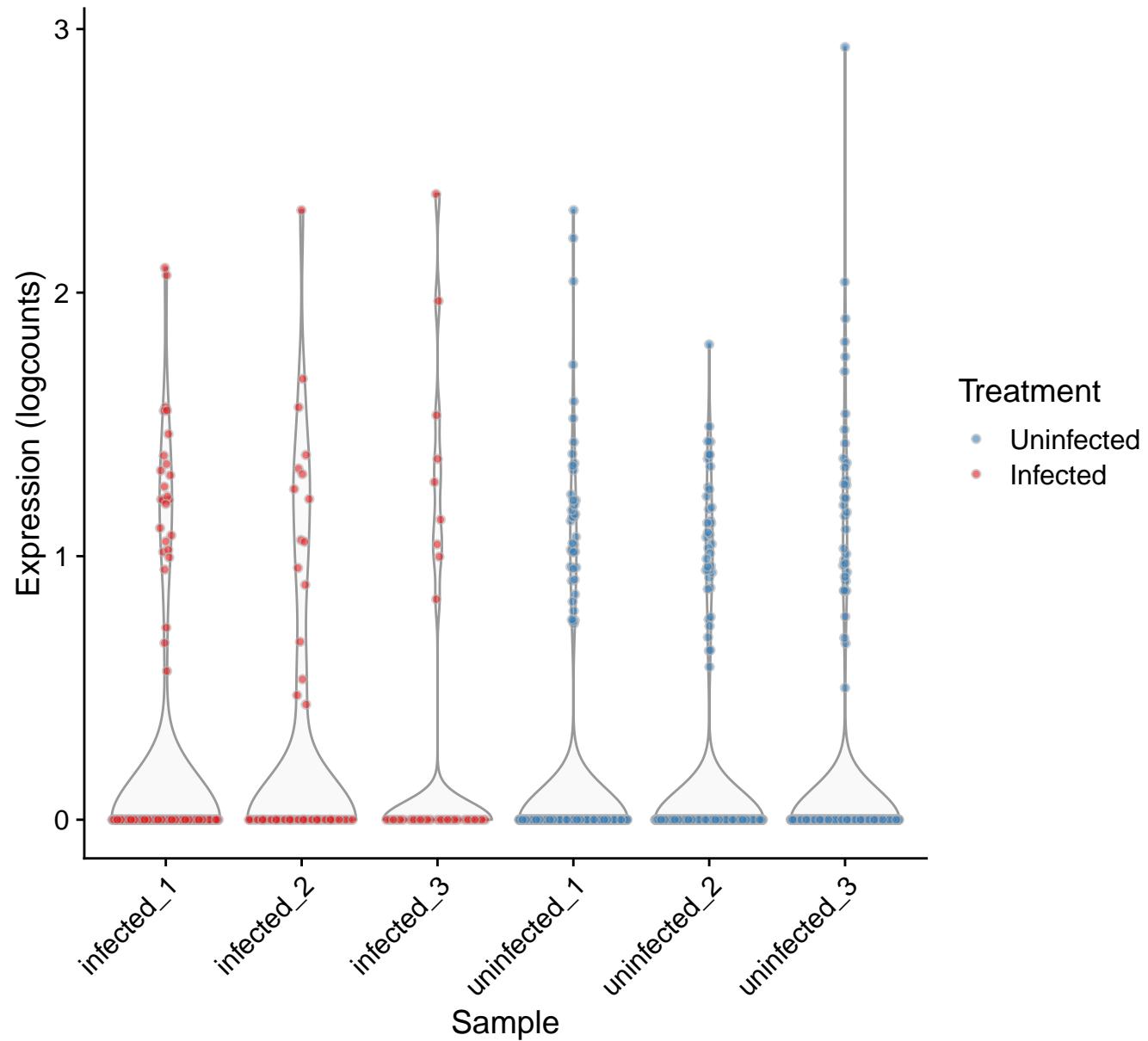
Treatment

- Uninfected
- Infected



# TGIF1 (FDR = 0.05)

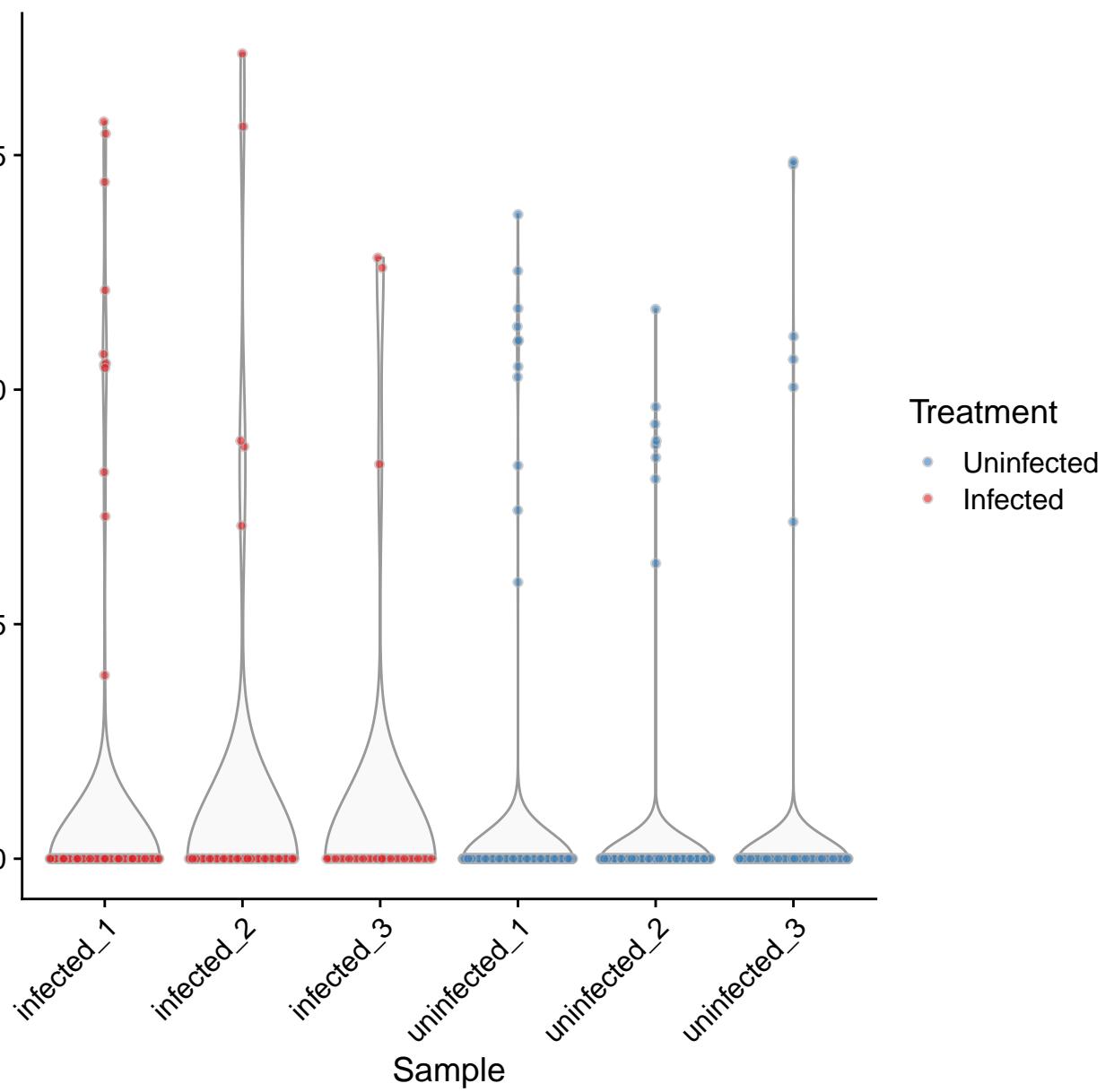
cluster\_4



# TIAM2 (FDR = 0.05)

cluster\_4

Expression (logcounts)



# AIM2 (FDR = 0.05)

cluster\_4

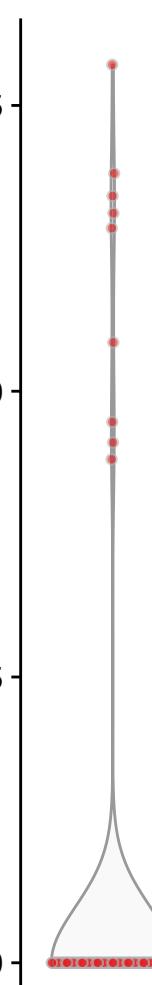
Expression (logcounts)

1.5

1.0

0.5

0.0



Treatment

- Uninfected
- Infected

Sample

# MAN2B1 (FDR = 0.05)

cluster\_4

