

# HLA-DRB5 (FDR = 5e-08)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

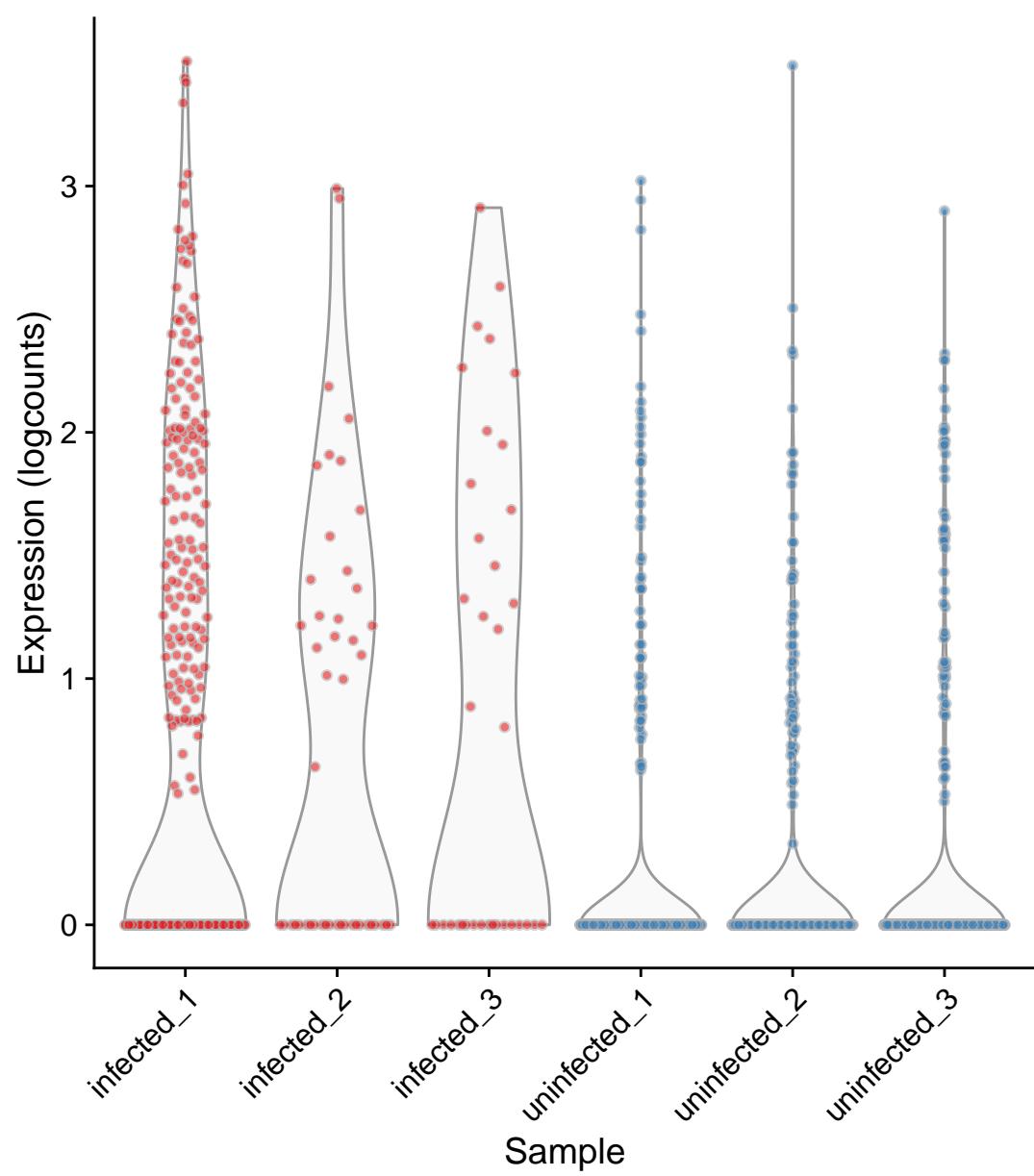
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# HPGDS (FDR = 1e-06)

cluster\_6

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample

# HLA-DRB1 (FDR = 2e-06)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

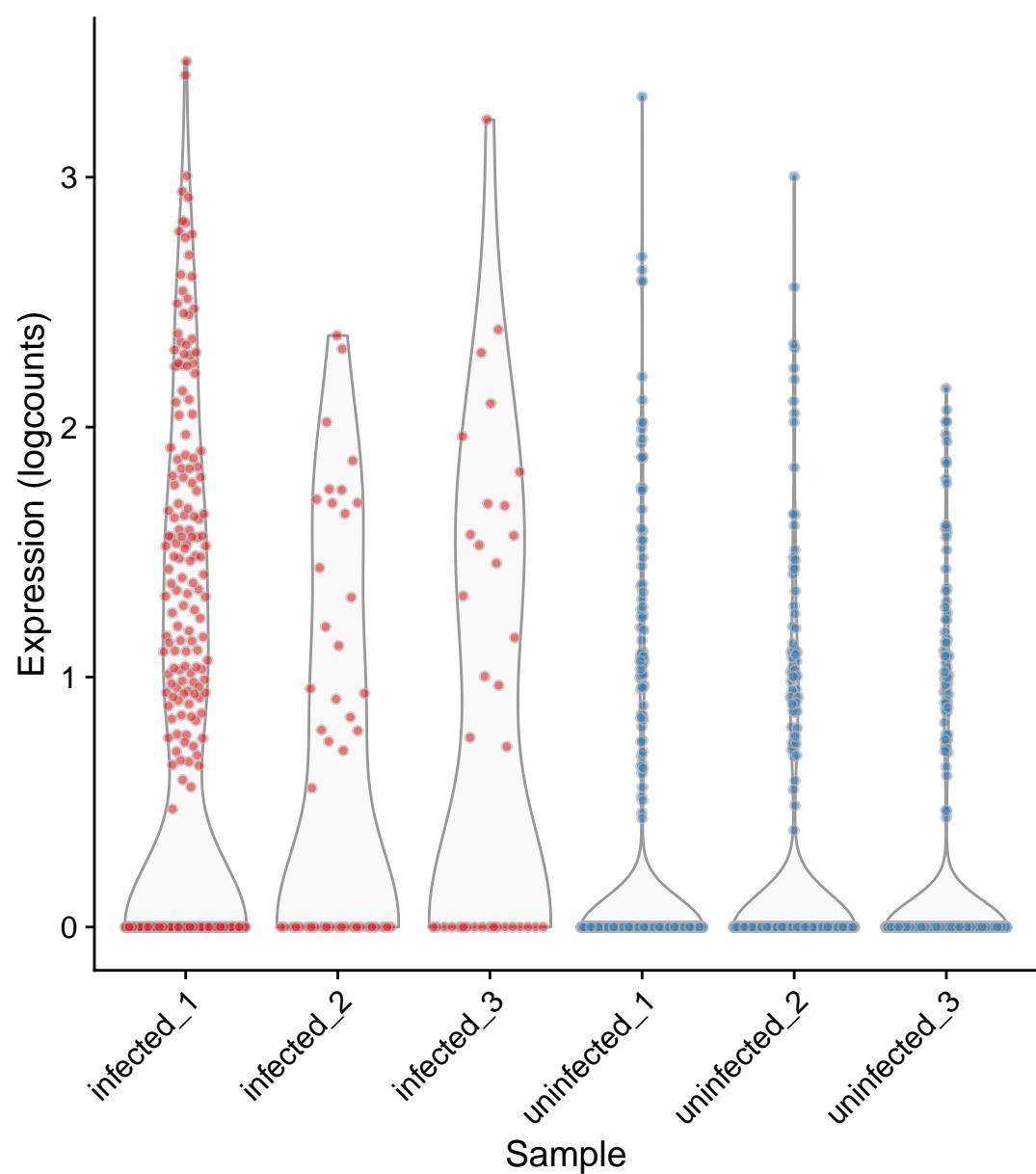
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# HLA-DPB1 (FDR = 4e-06)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

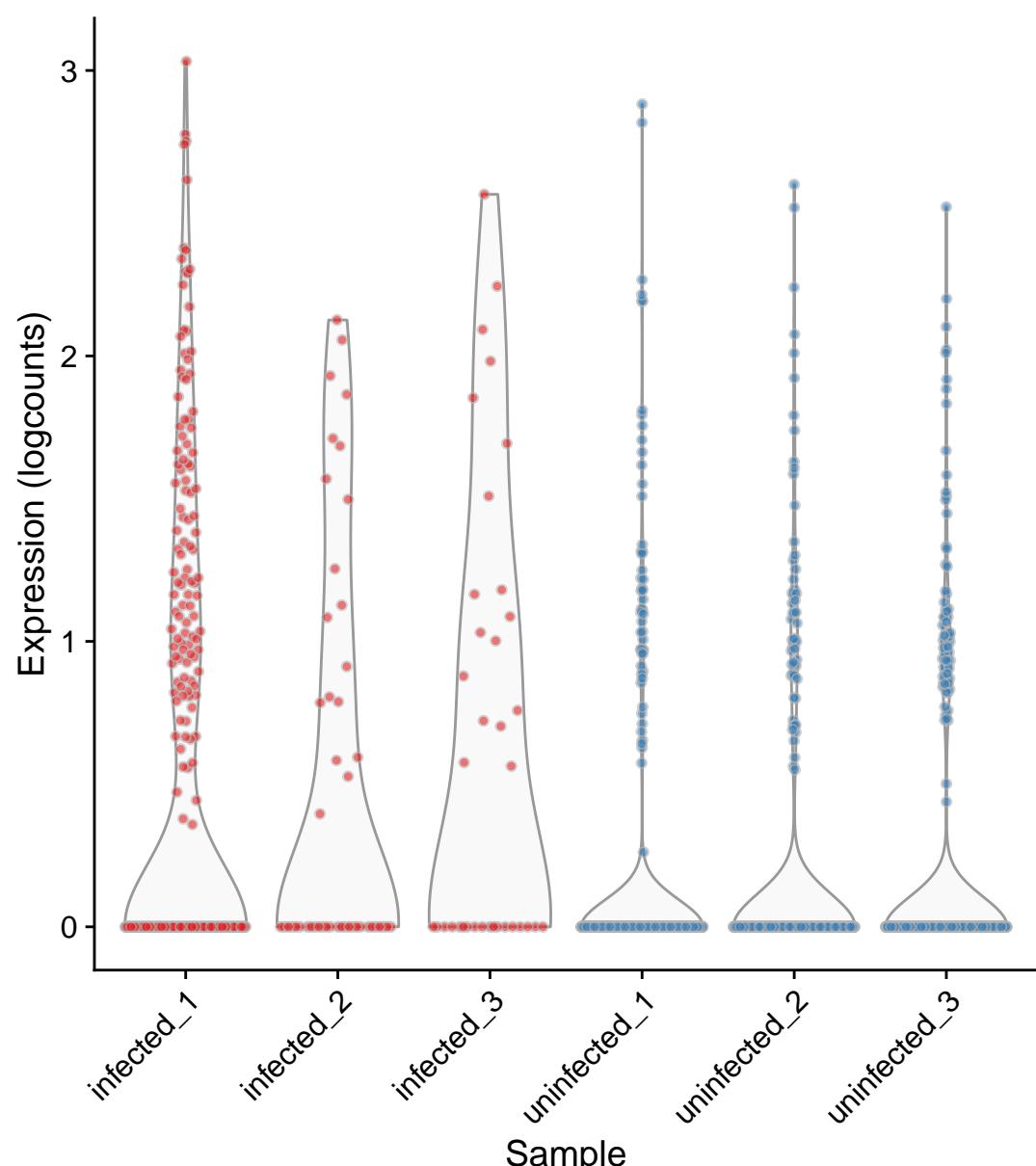
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# RGS2 (FDR = 4e-06)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

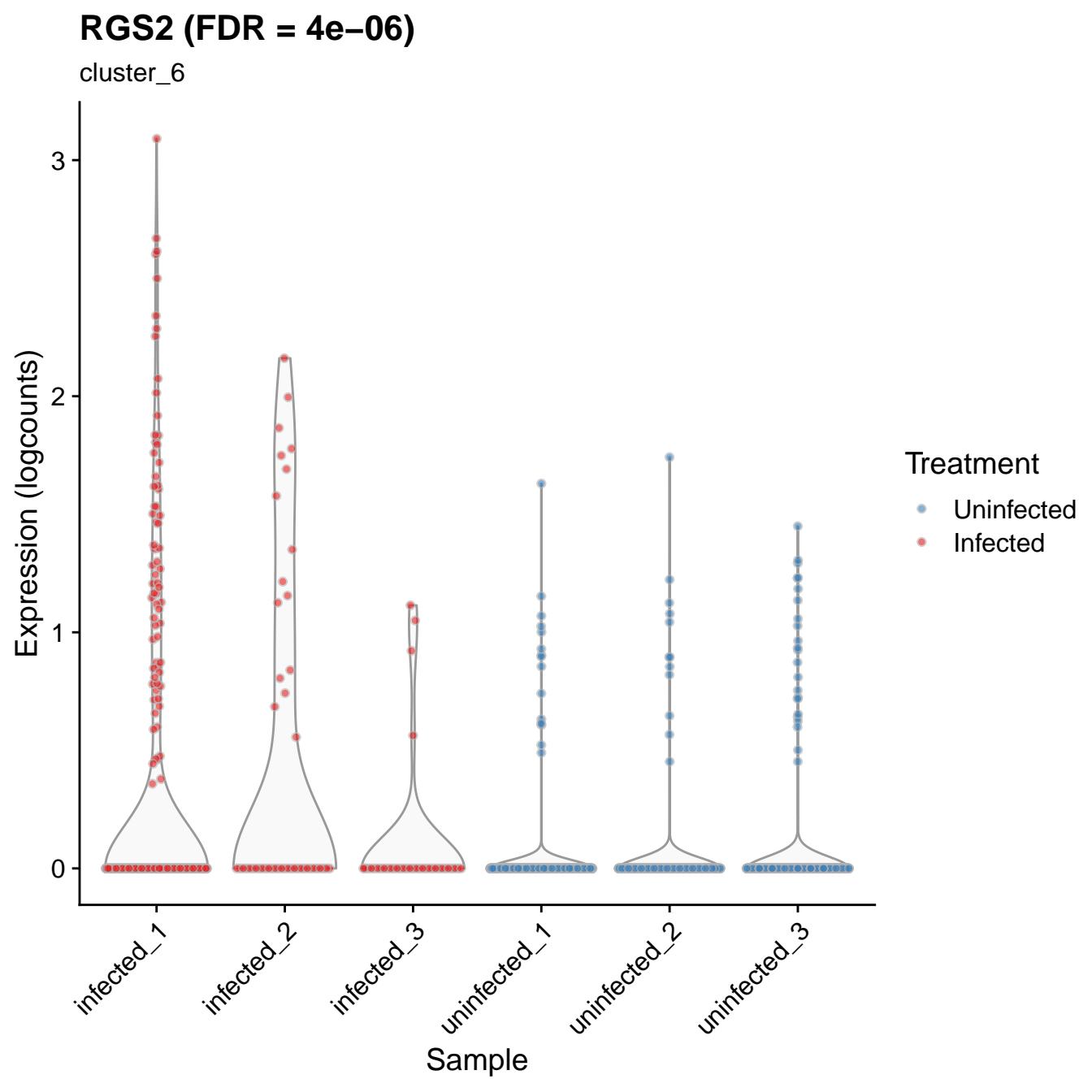
uninfected\_2

uninfected\_3

Sample

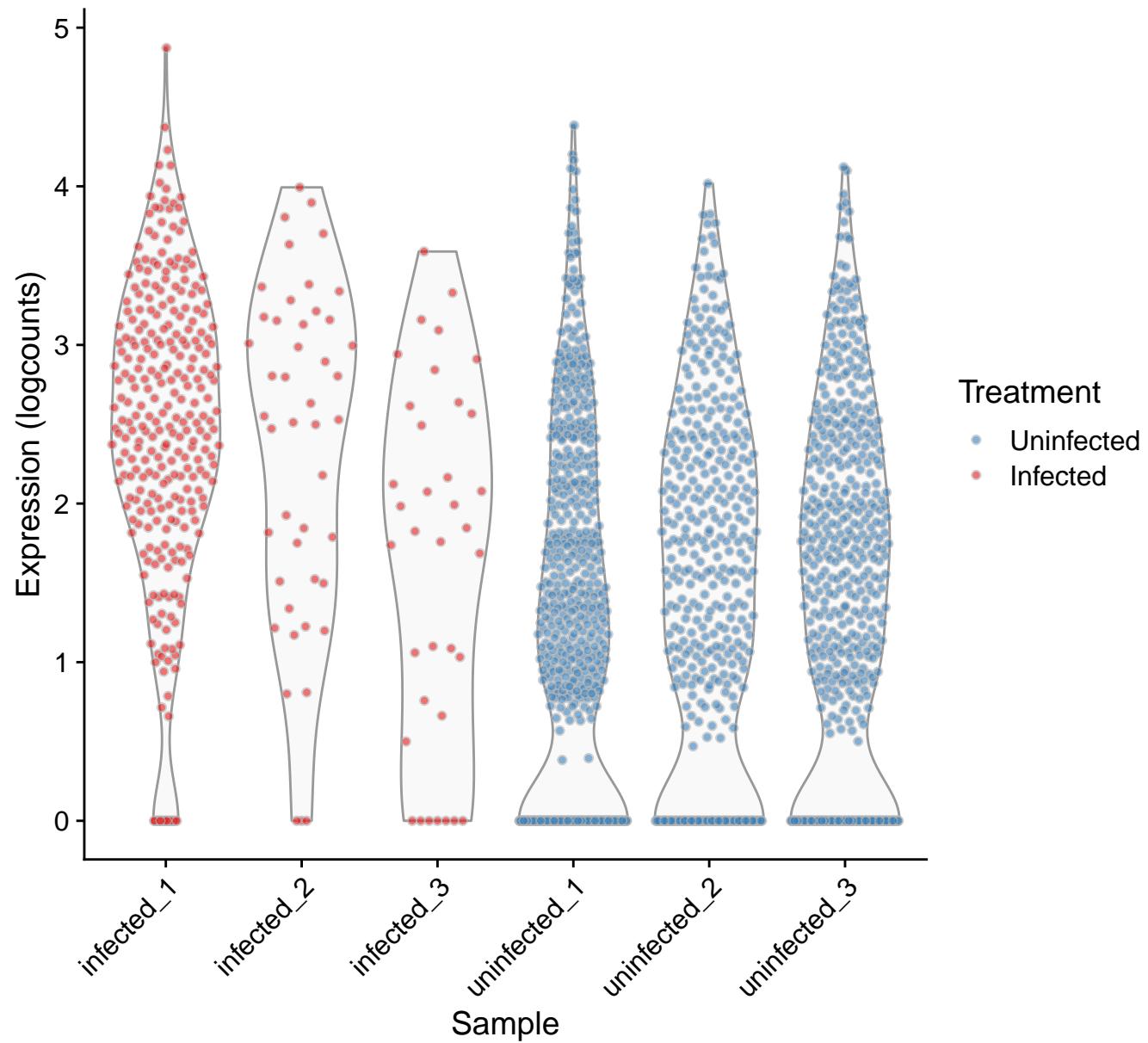
Treatment

- Uninfected
- Infected



# ITGB1 (FDR = 8e-05)

cluster\_6



# CBLB (FDR = 8e-05)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

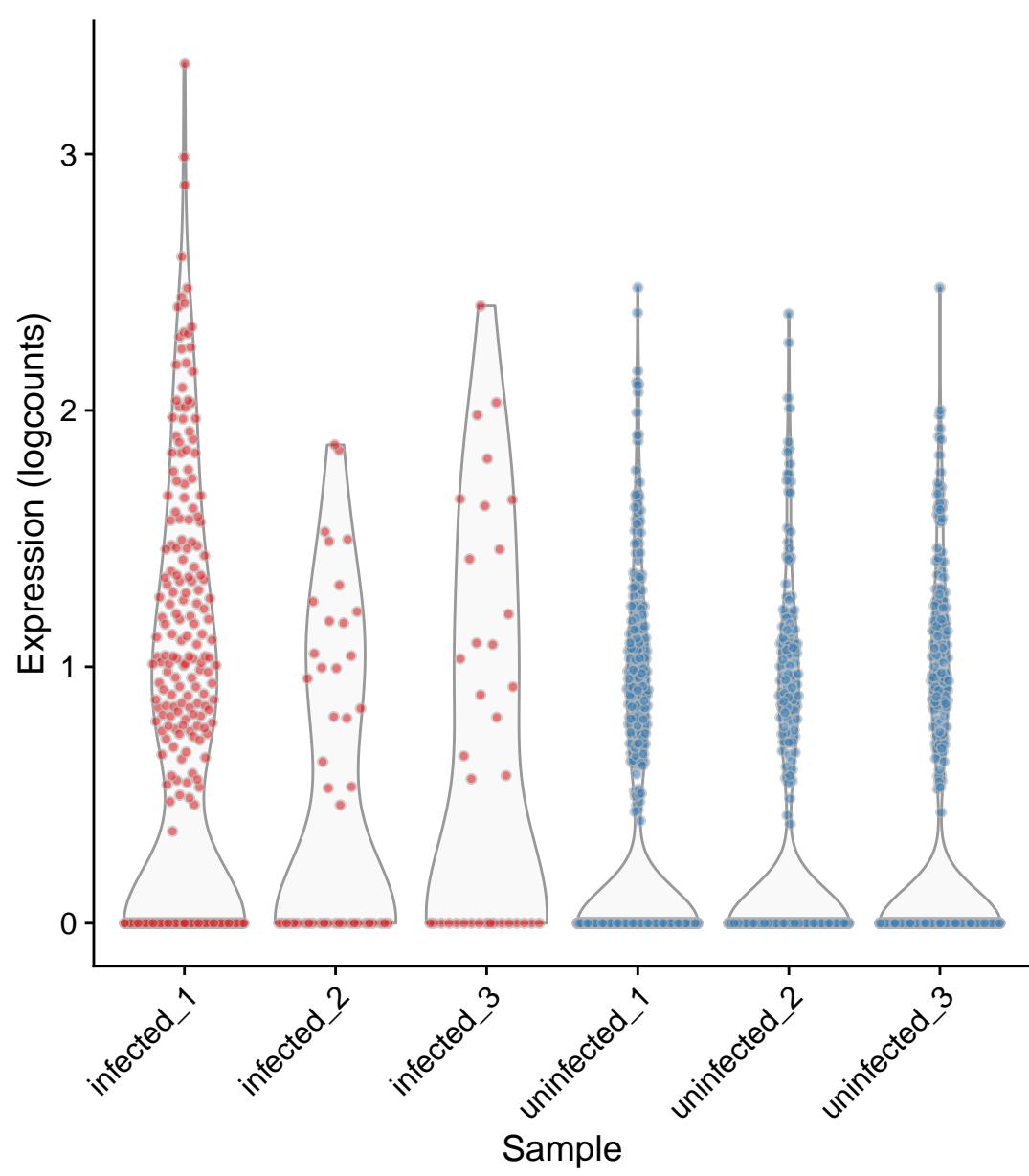
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# HLA-DPA1 (FDR = 1e-04)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

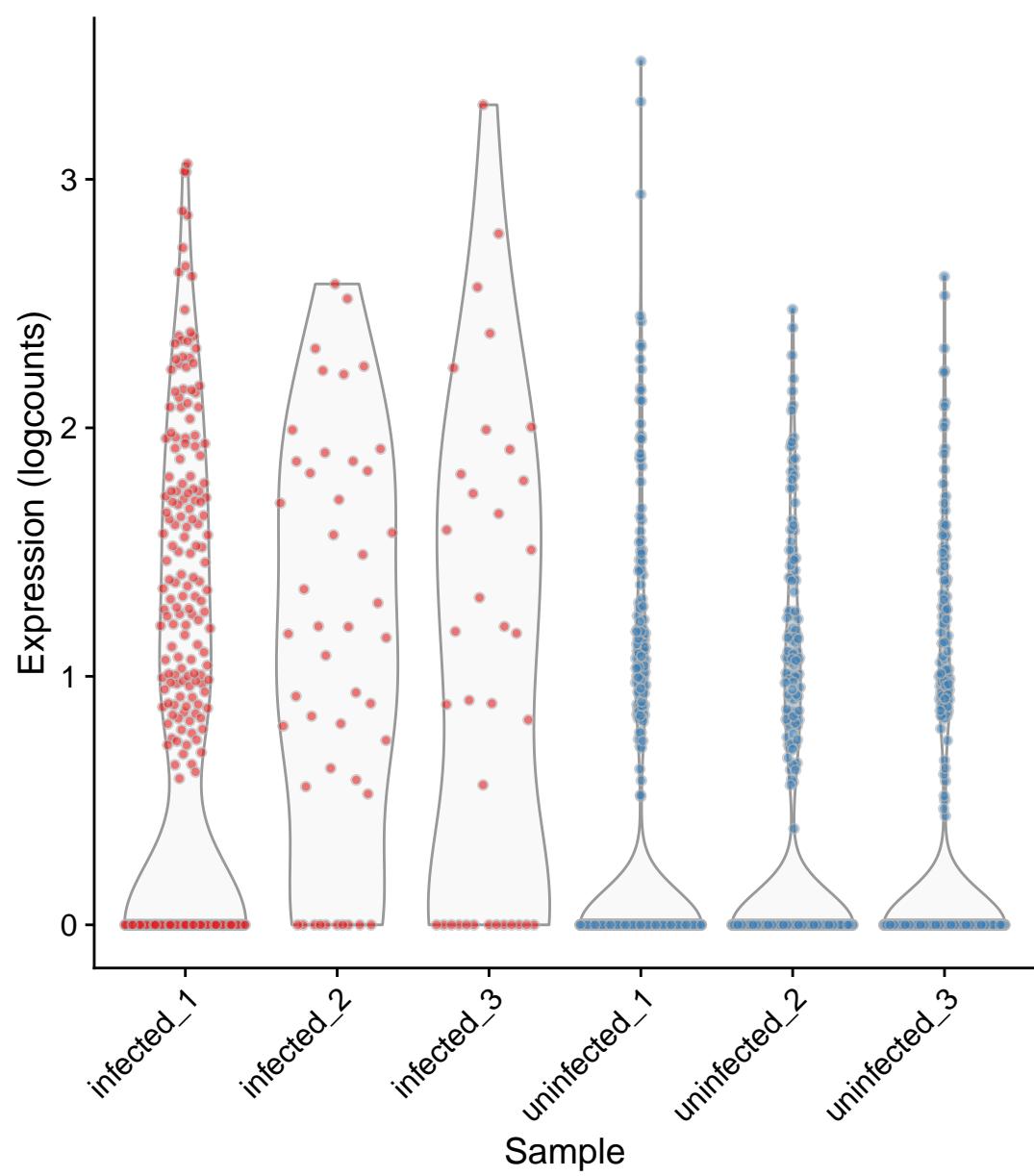
uninfected\_2

uninfected\_3

Sample

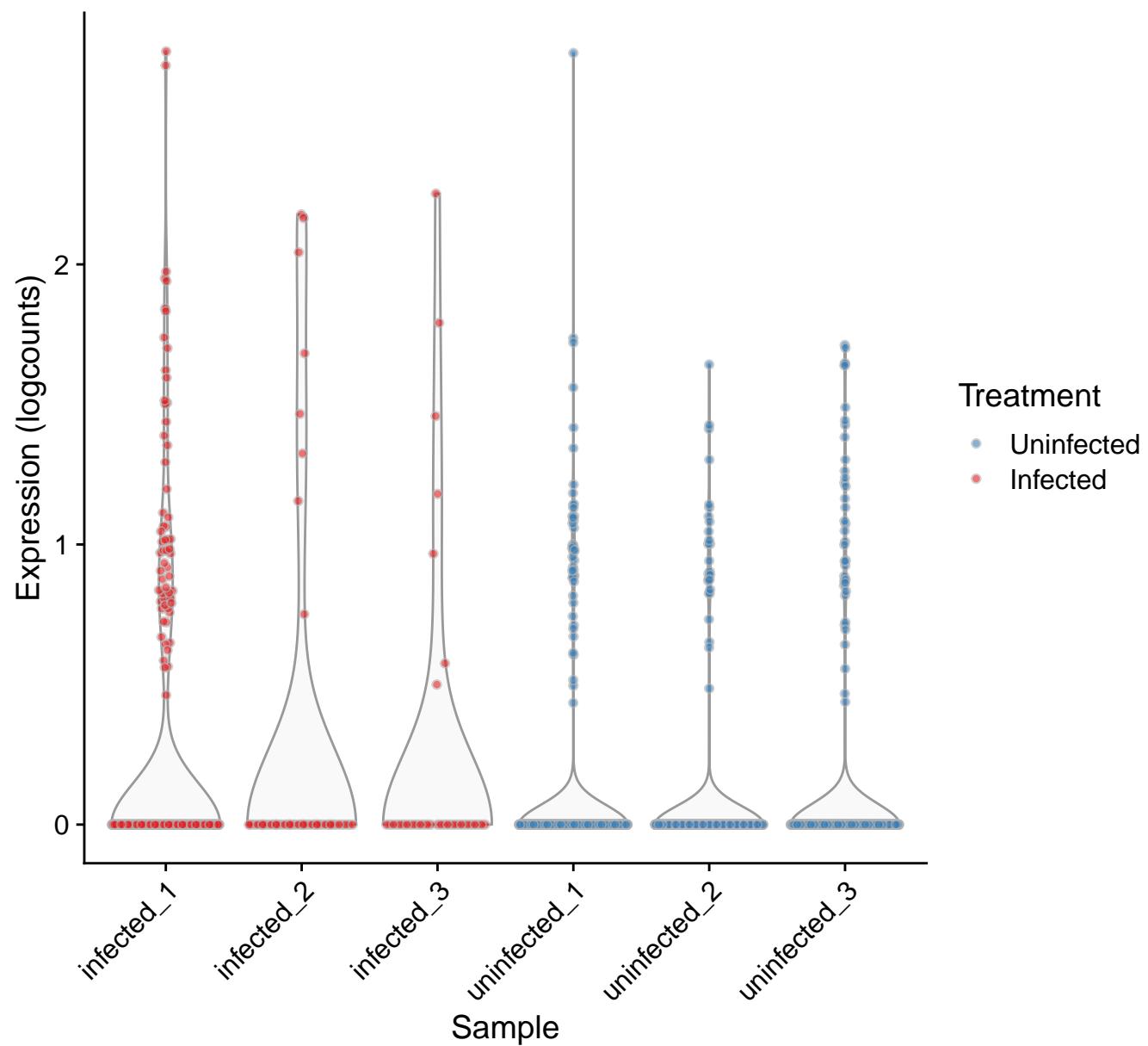
Treatment

- Uninfected
- Infected



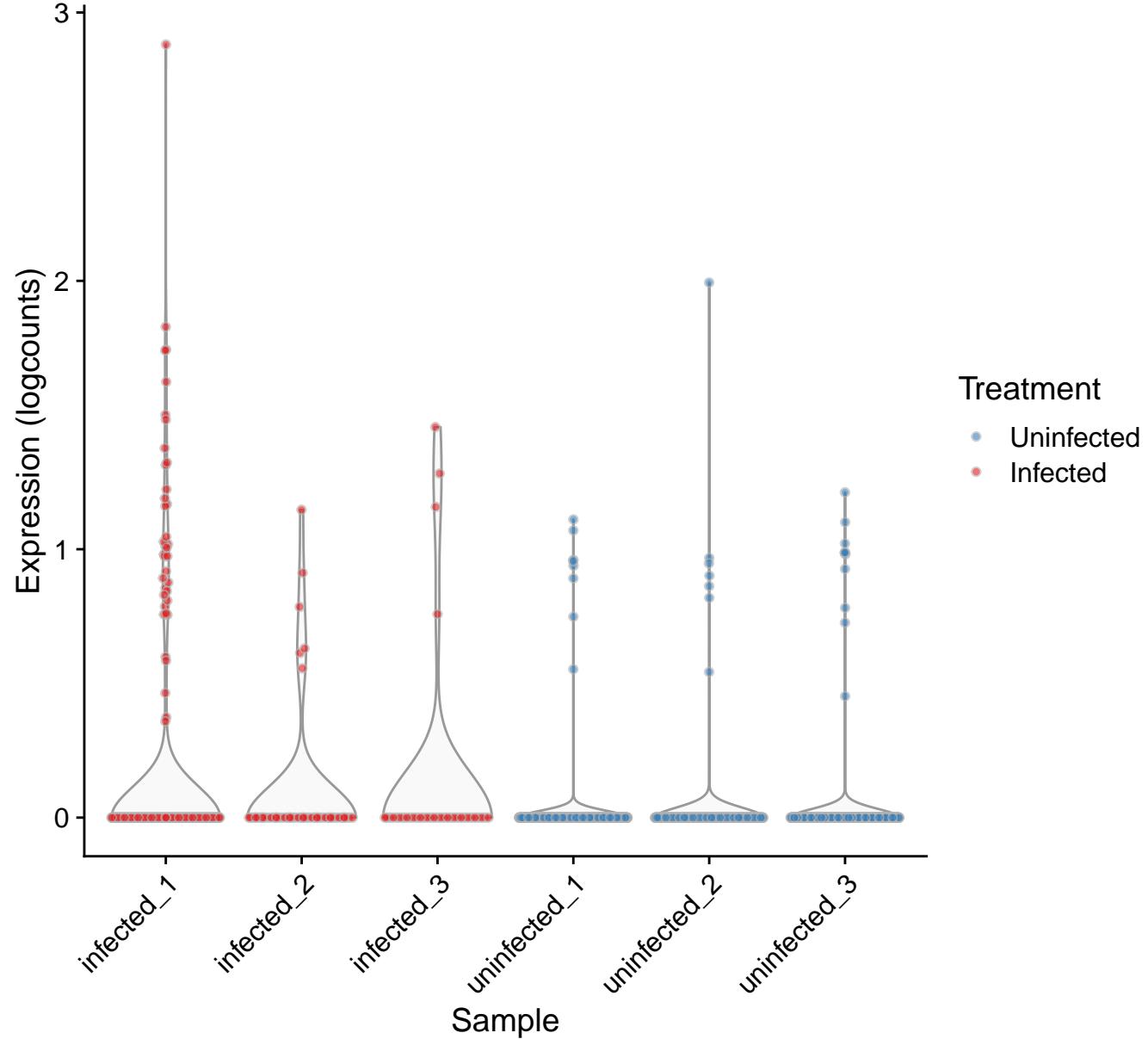
# IL2RA (FDR = 2e-04)

cluster\_6



# KLRD1 (FDR = 2e-04)

cluster\_6



# CD74 (FDR = 2e-04)

cluster\_6

Expression (logcounts)

6

4

2

0

infected\_1

infected\_2

infected\_3

Sample

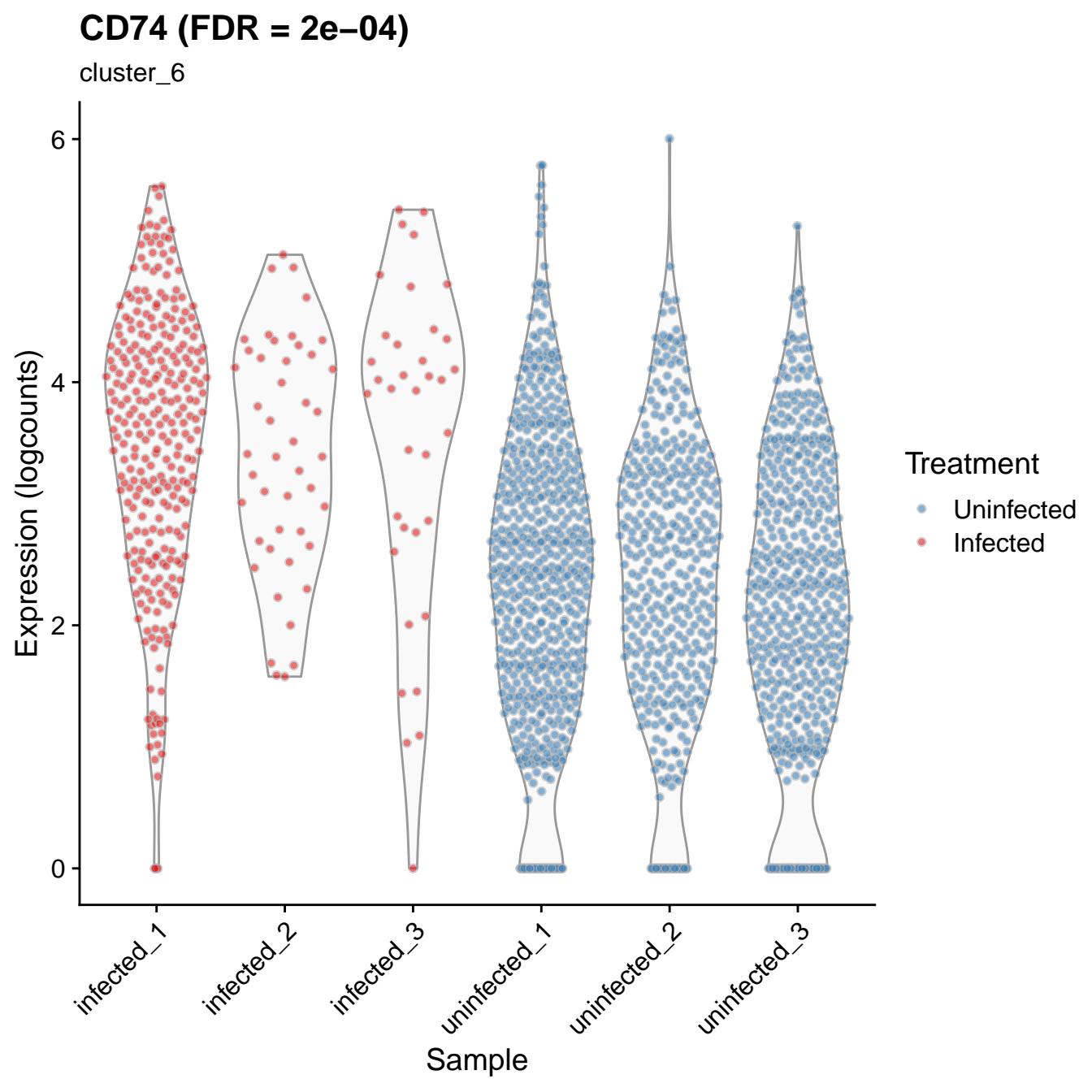
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# RNASE6 (FDR = 0.001)

cluster\_6

Expression (logcounts)

2.0

1.5

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

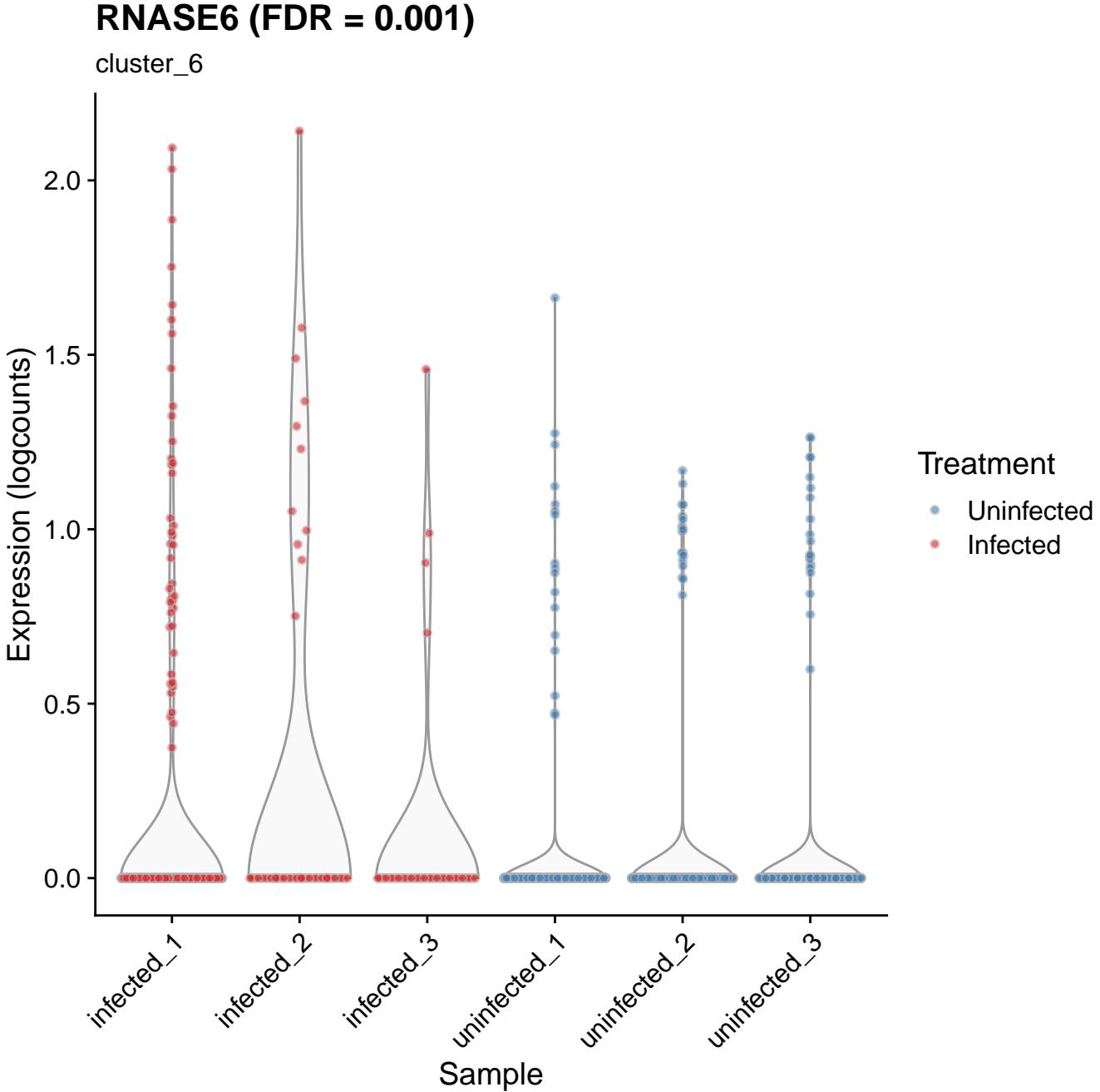
infected\_3

Sample

uninfected\_1

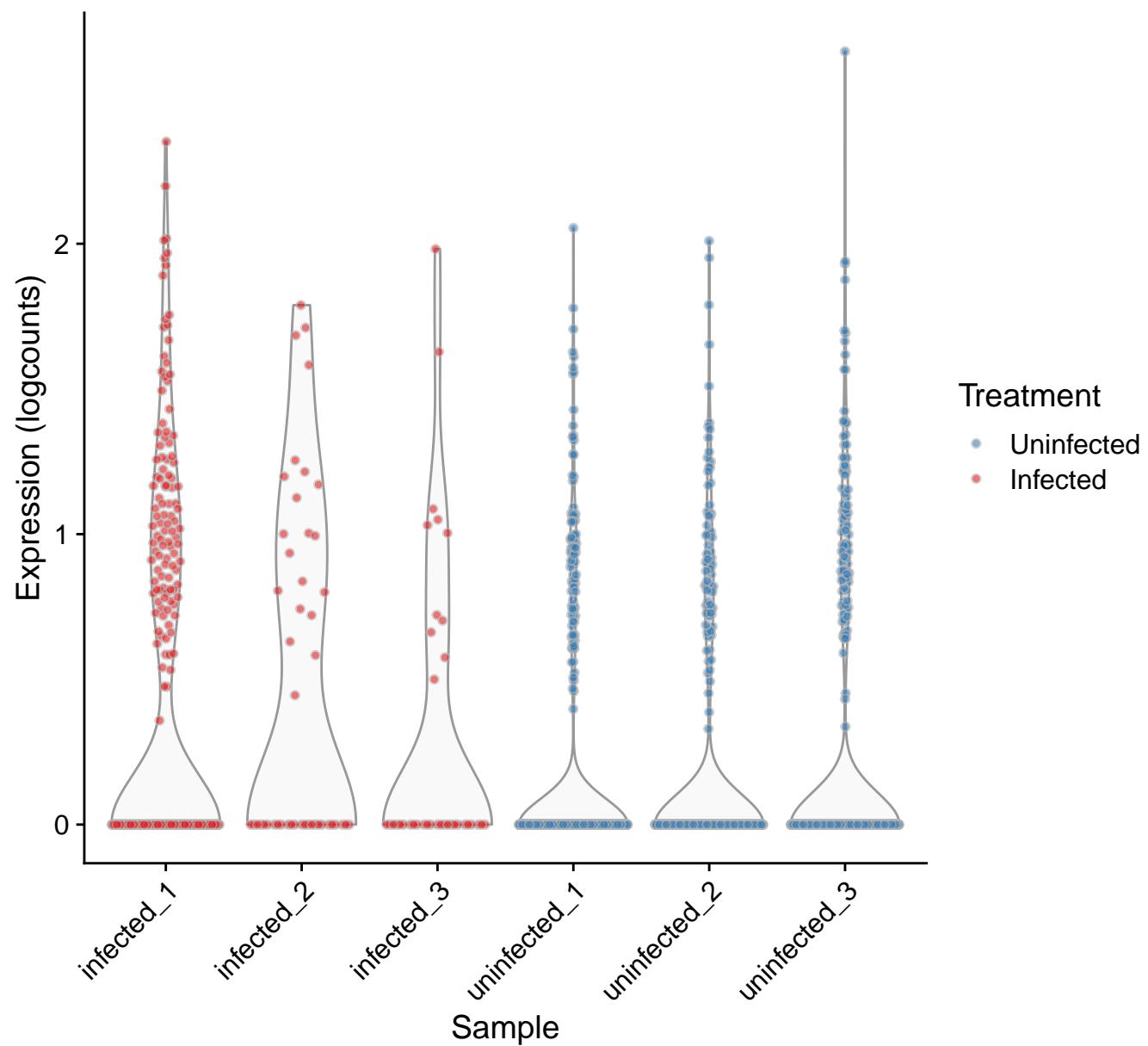
uninfected\_2

uninfected\_3



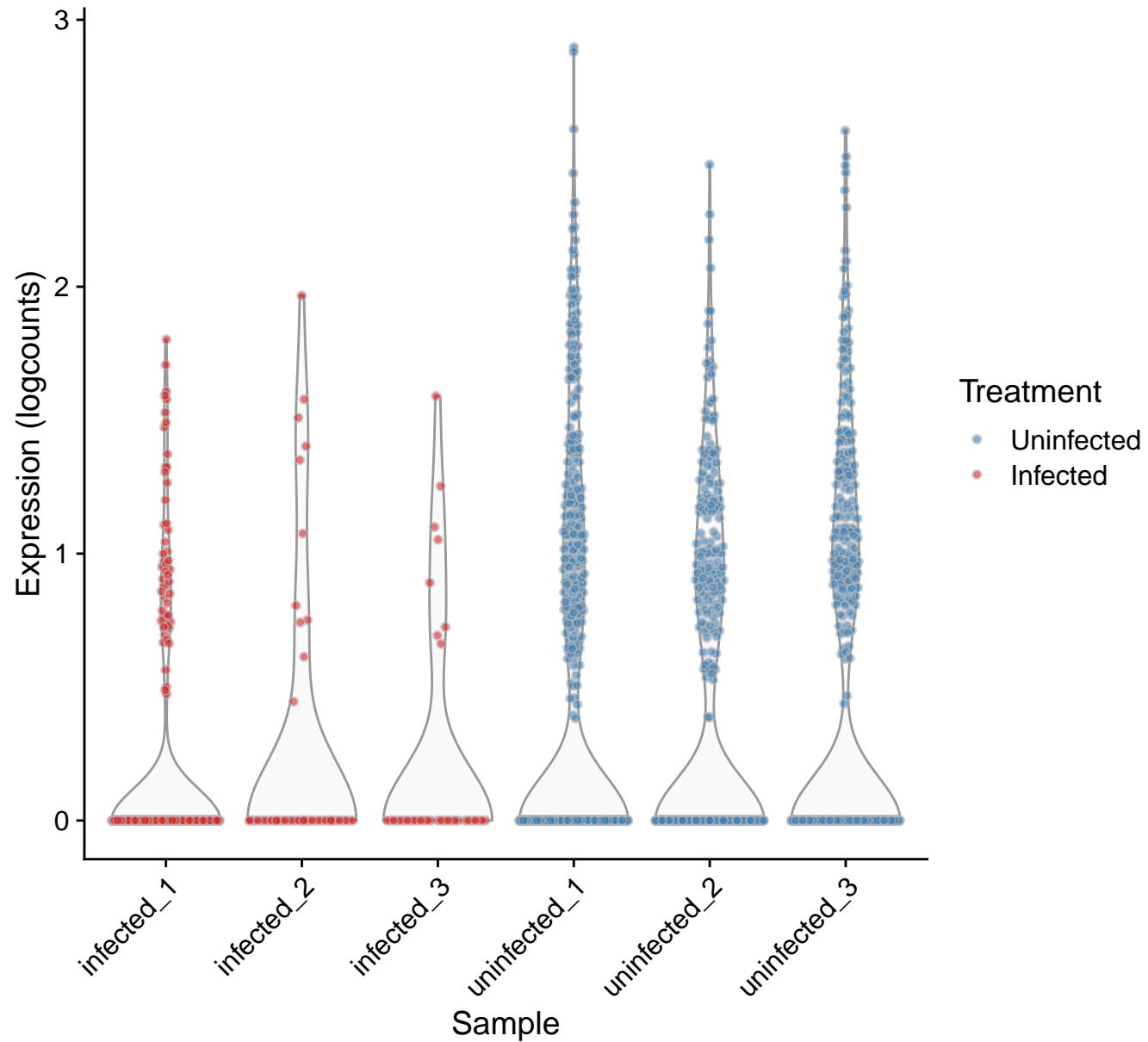
# SLF1 (FDR = 0.002)

cluster\_6



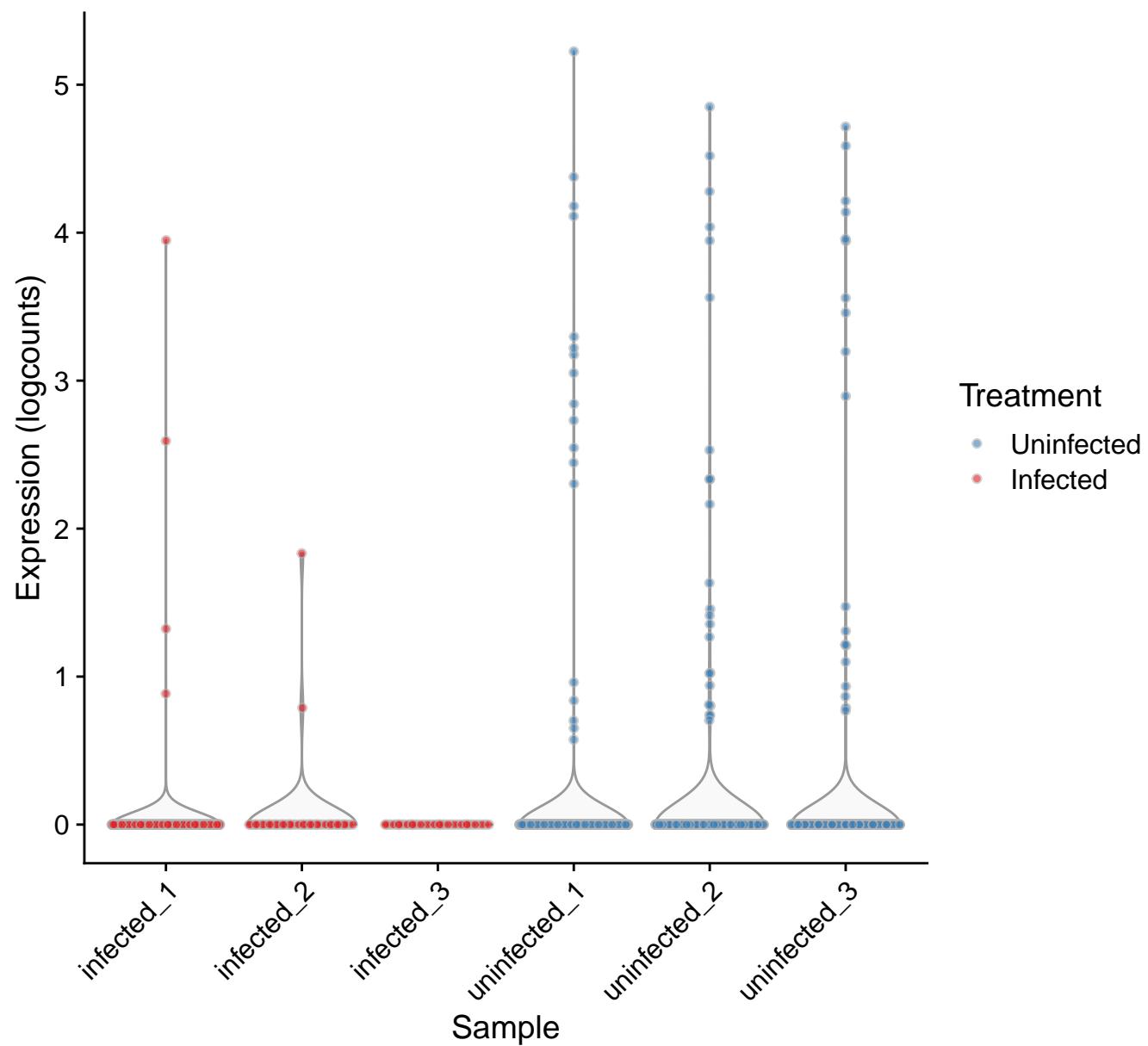
# TRABD2A (FDR = 0.002)

cluster\_6



# TRDV1 (FDR = 0.002)

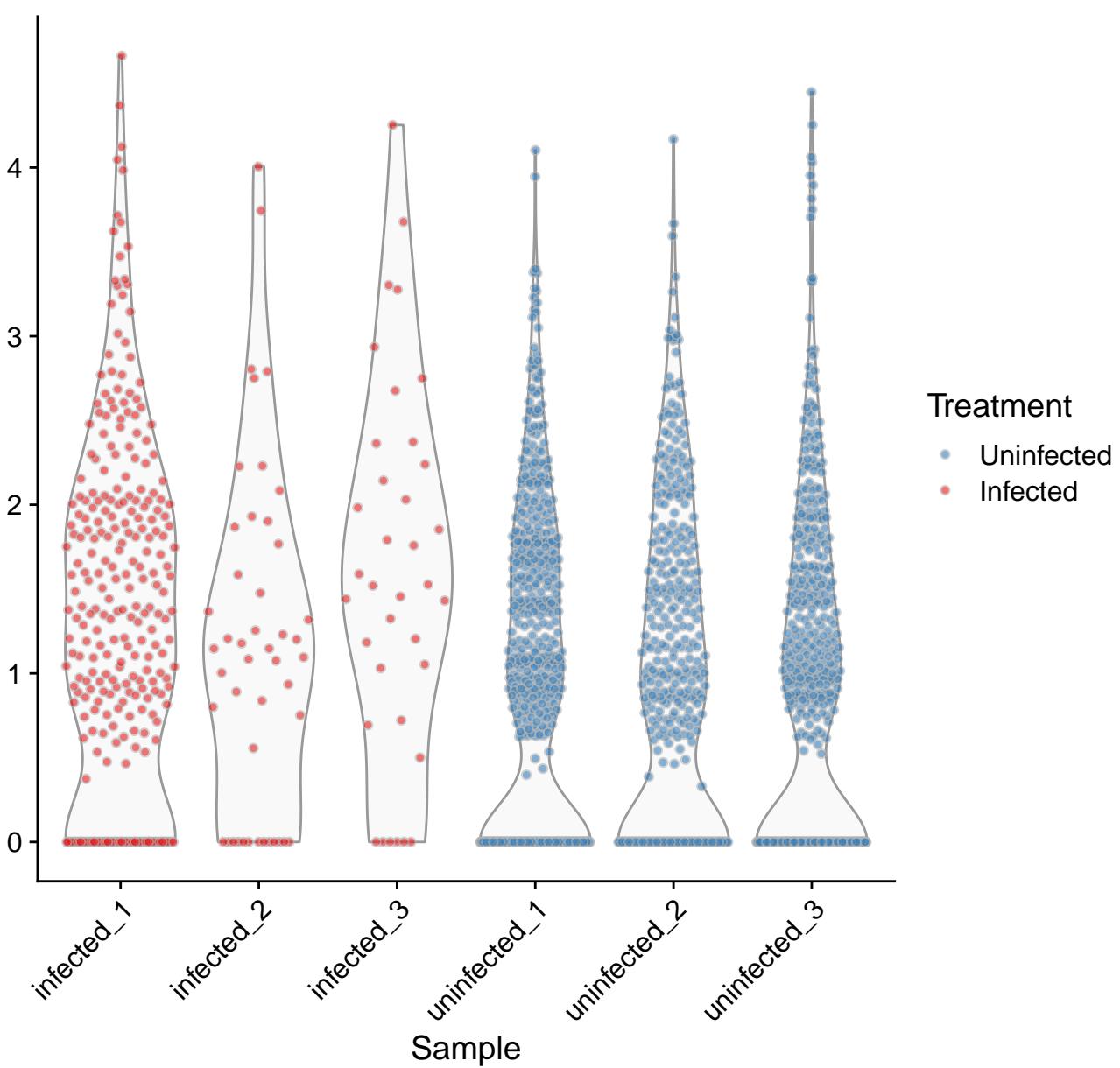
cluster\_6



# NFKBIA (FDR = 0.003)

cluster\_6

Expression (logcounts)



# ALOX5AP (FDR = 0.003)

cluster\_6

Expression (logcounts)

4

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

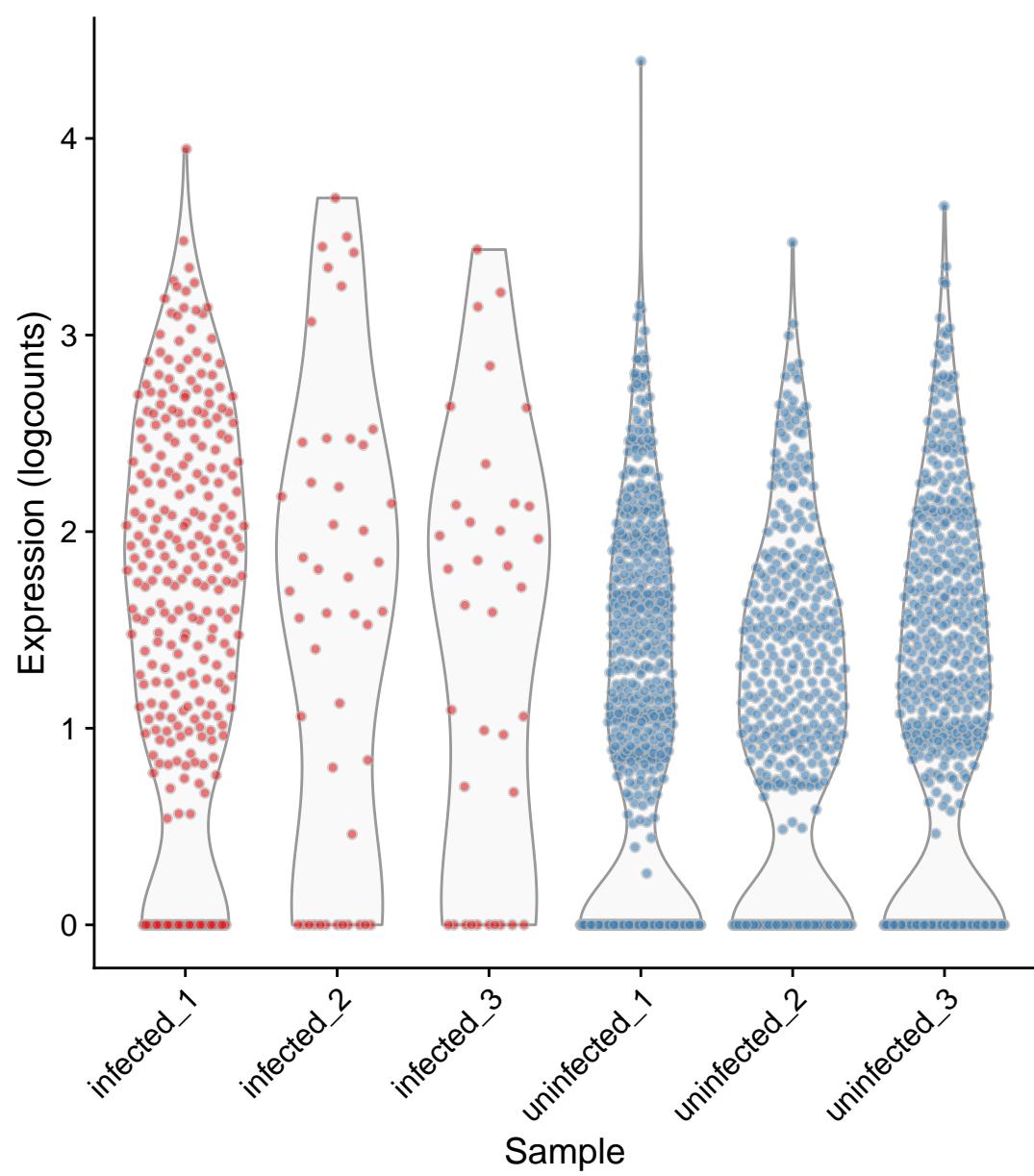
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# AIM2 (FDR = 0.003)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

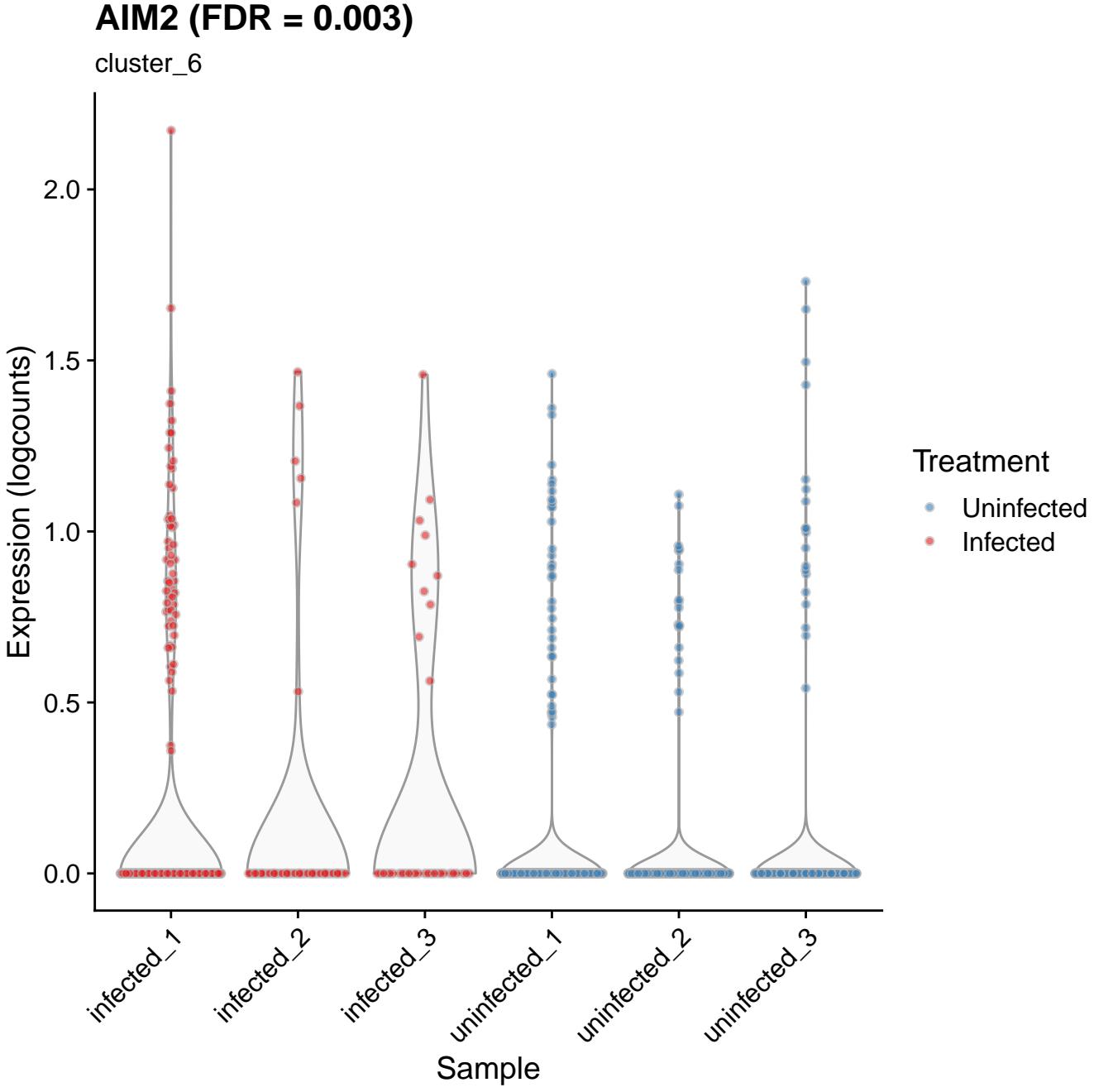
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CLECL1 (FDR = 0.004)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

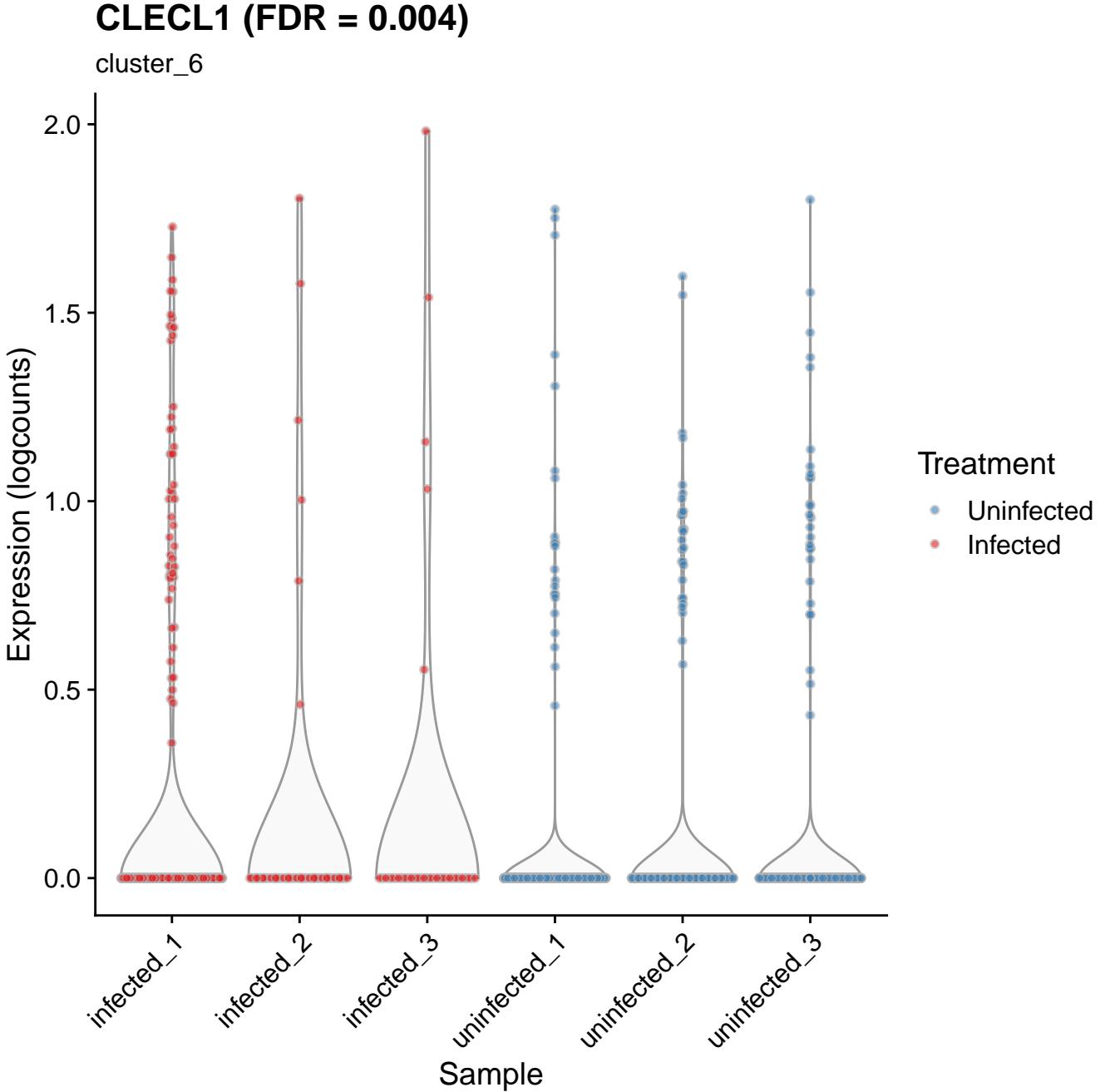
infected\_3

Sample

uninfected\_1

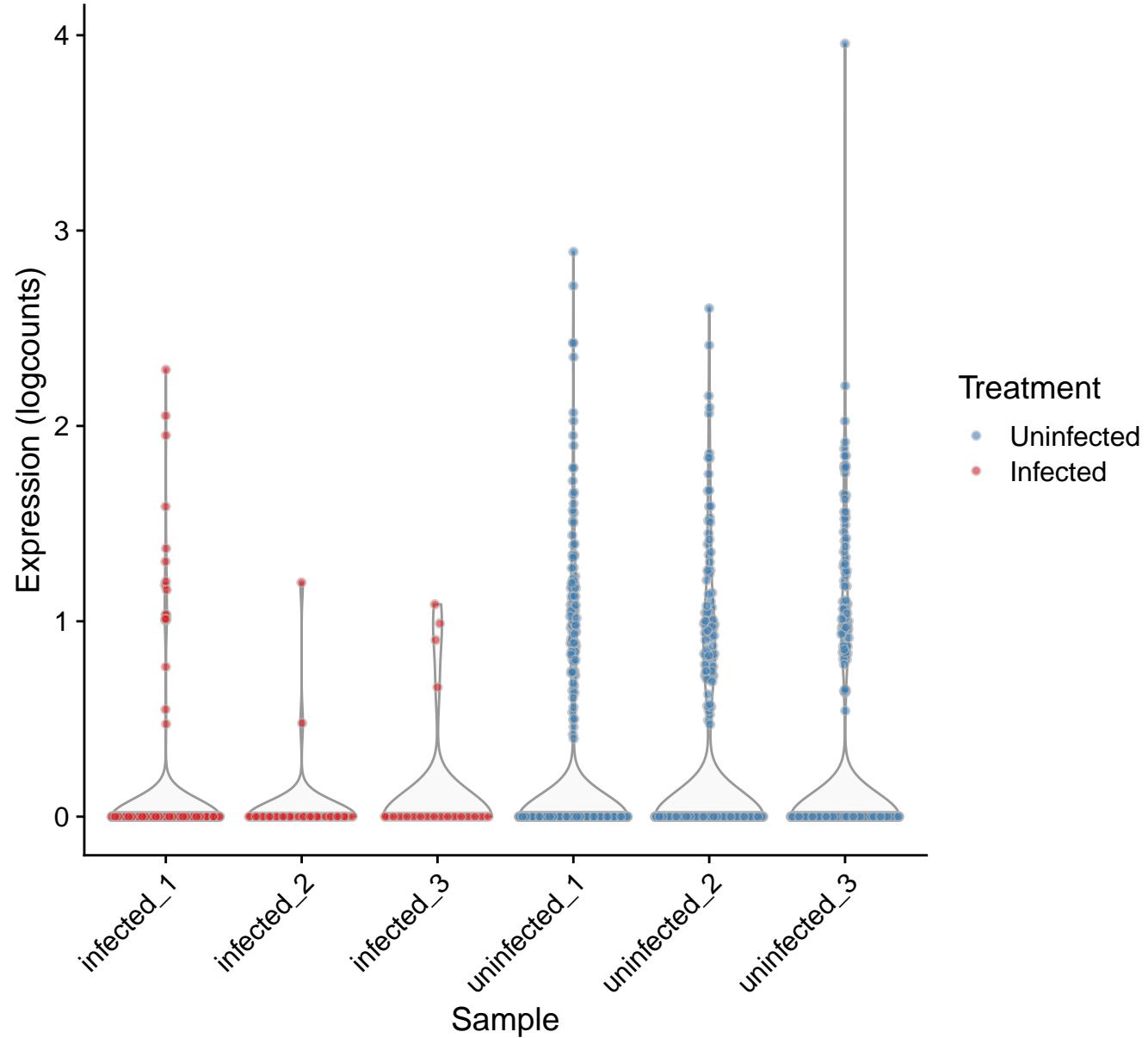
uninfected\_2

uninfected\_3



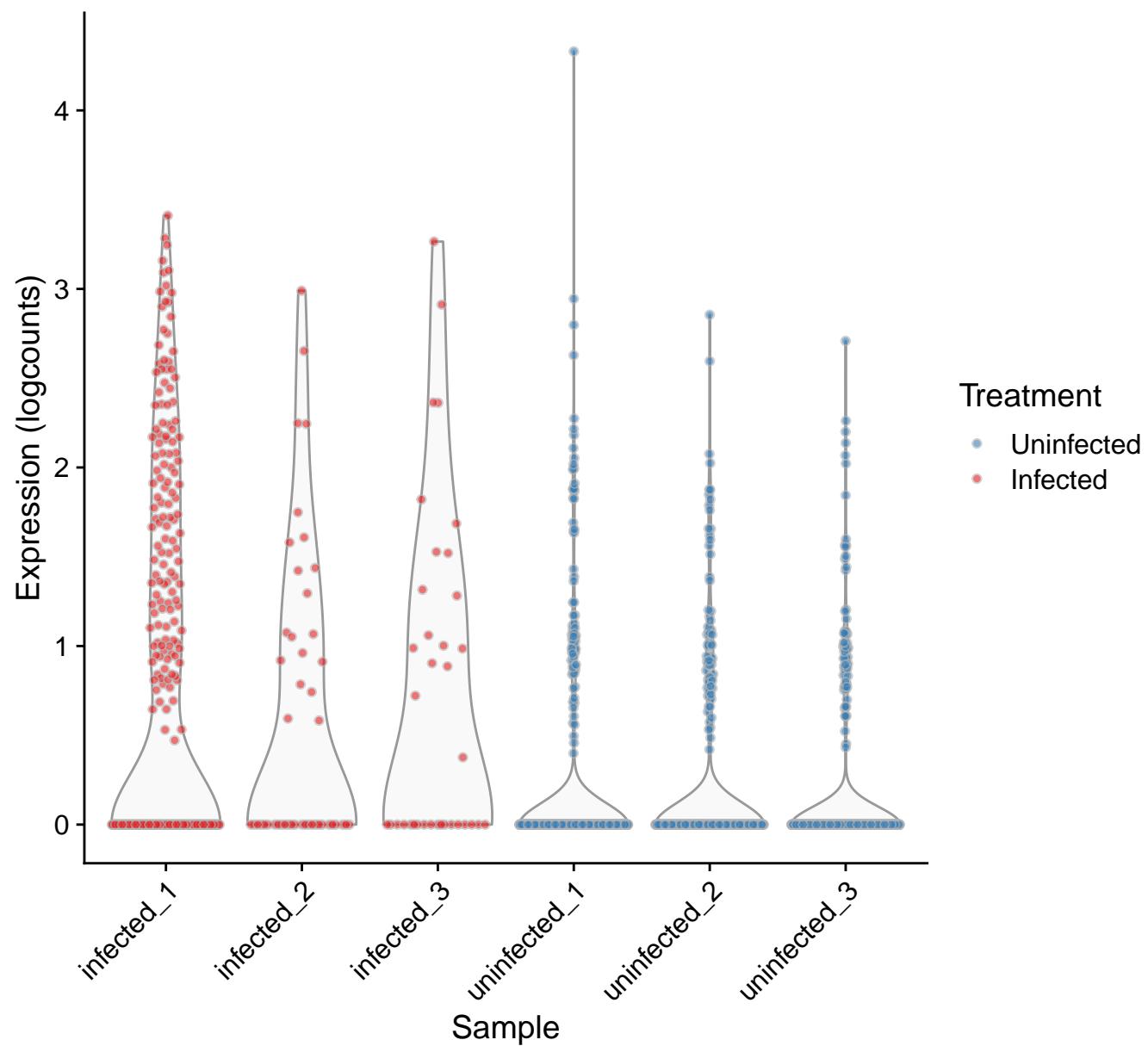
# SGK1 (FDR = 0.004)

cluster\_6



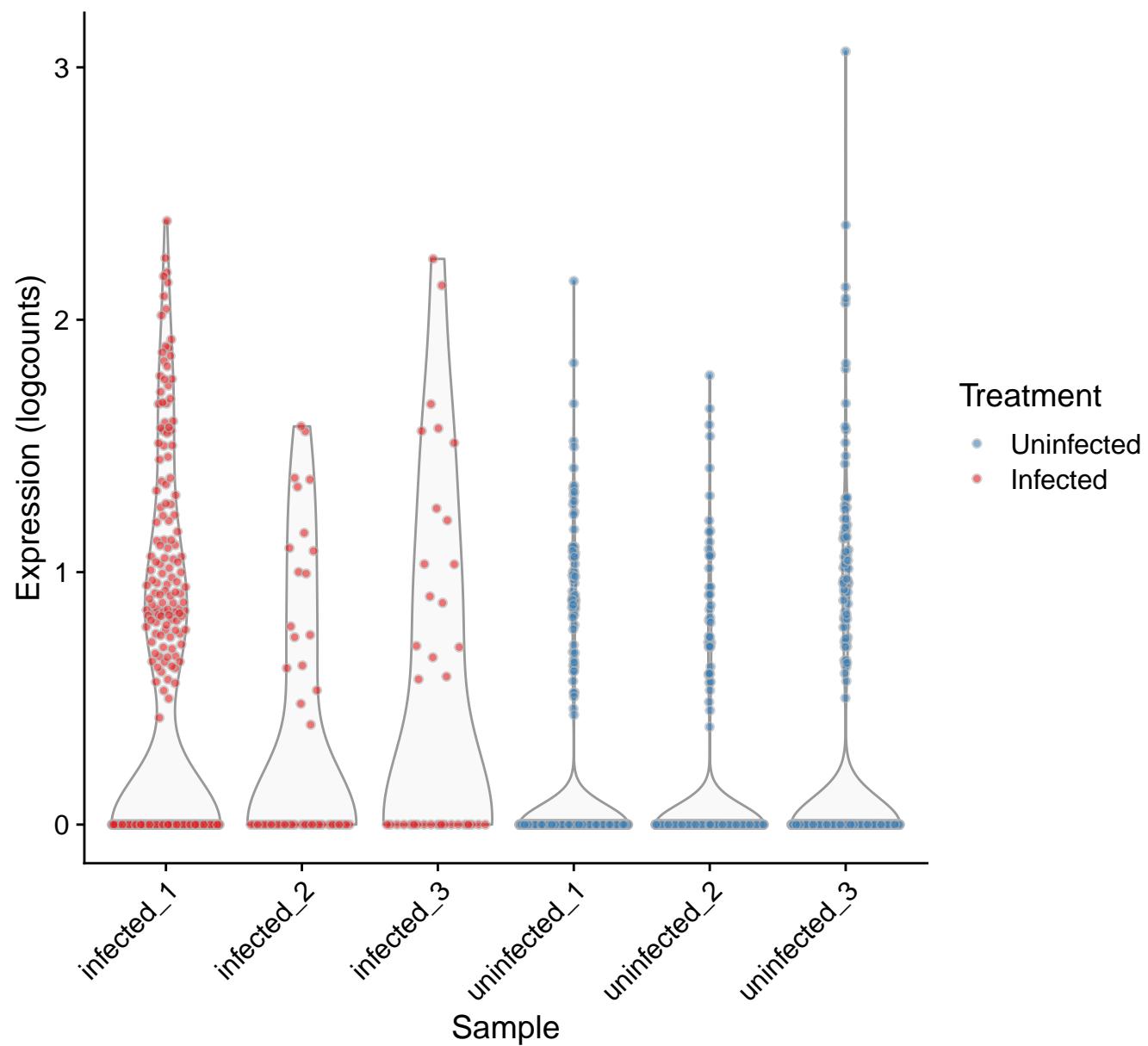
# HLA-DRA (FDR = 0.004)

cluster\_6



# GLUL (FDR = 0.005)

cluster\_6



# GNG4 (FDR = 0.005)

cluster\_6

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

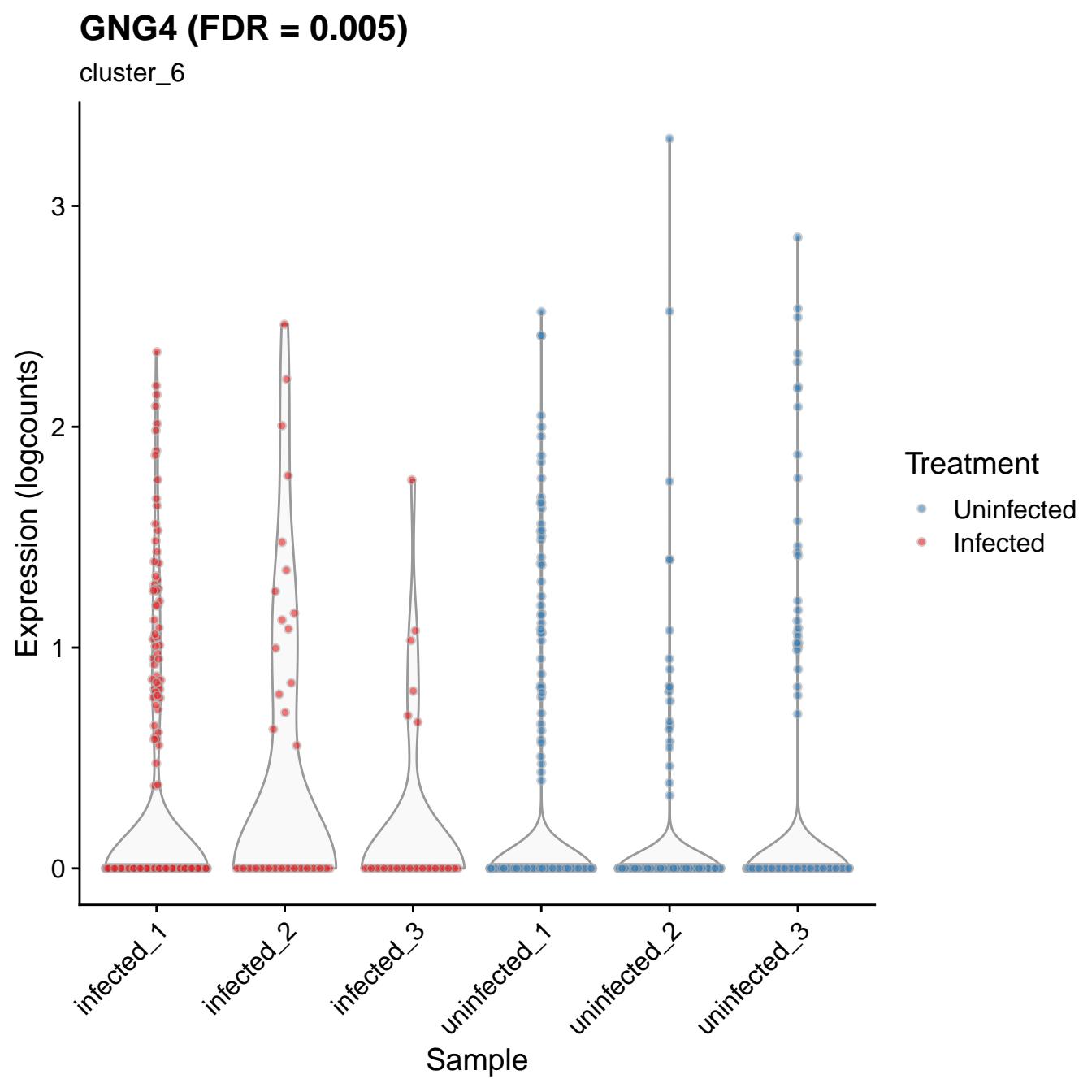
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



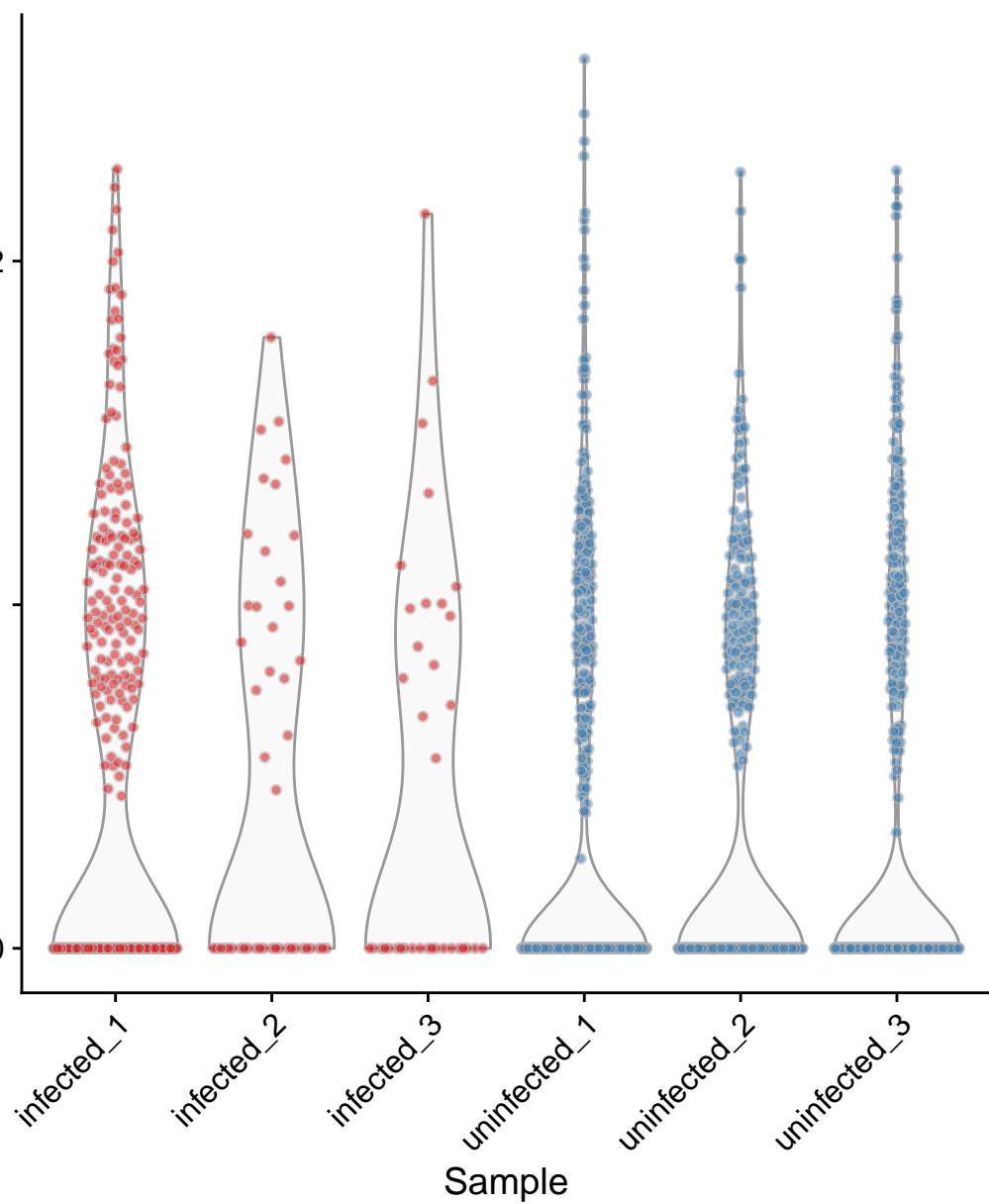
# IL4R (FDR = 0.005)

cluster\_6

Expression (logcounts)

Treatment

- Uninfected
- Infected



# DSTN (FDR = 0.005)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

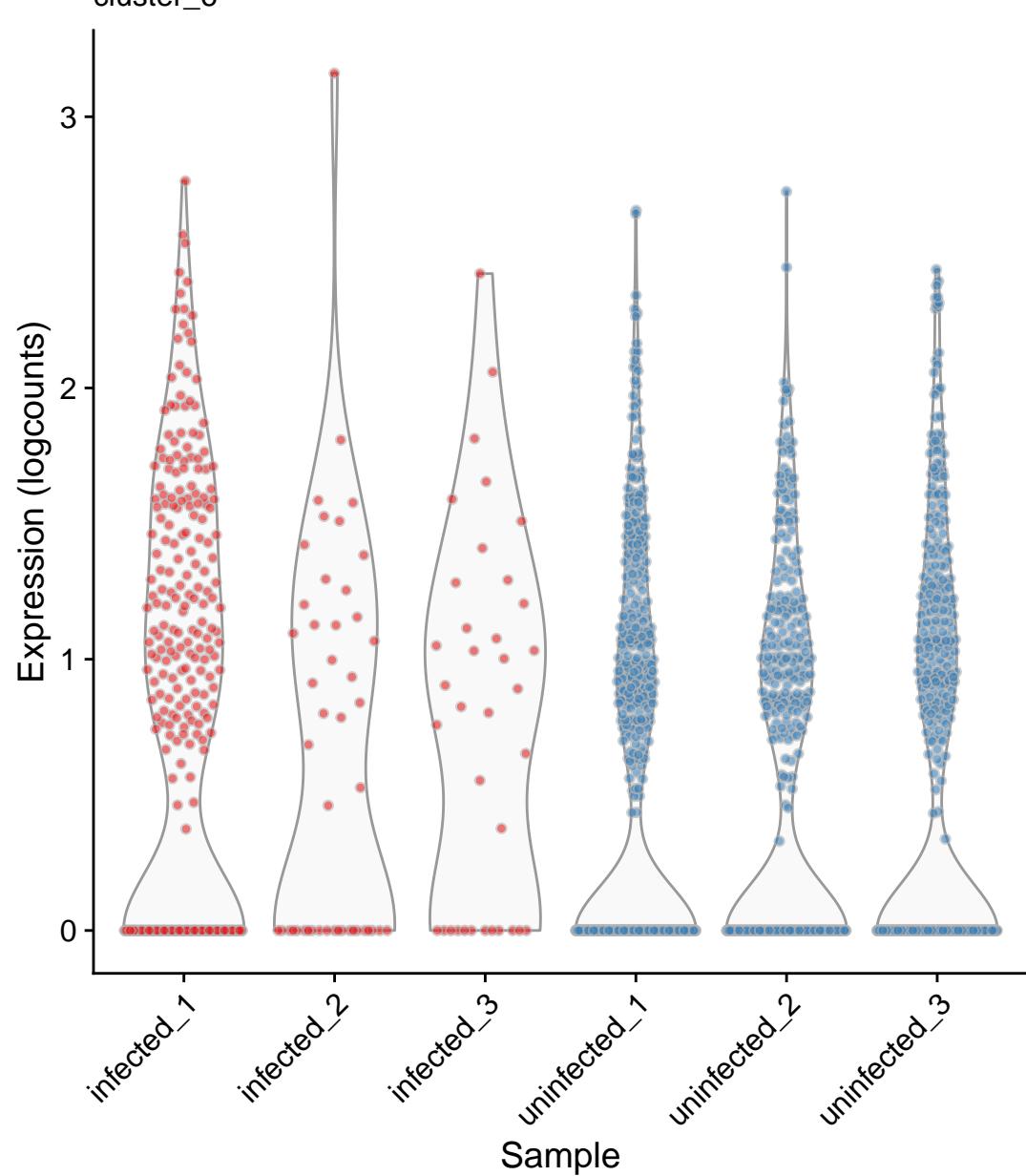
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# LRRFIP2 (FDR = 0.005)

cluster\_6

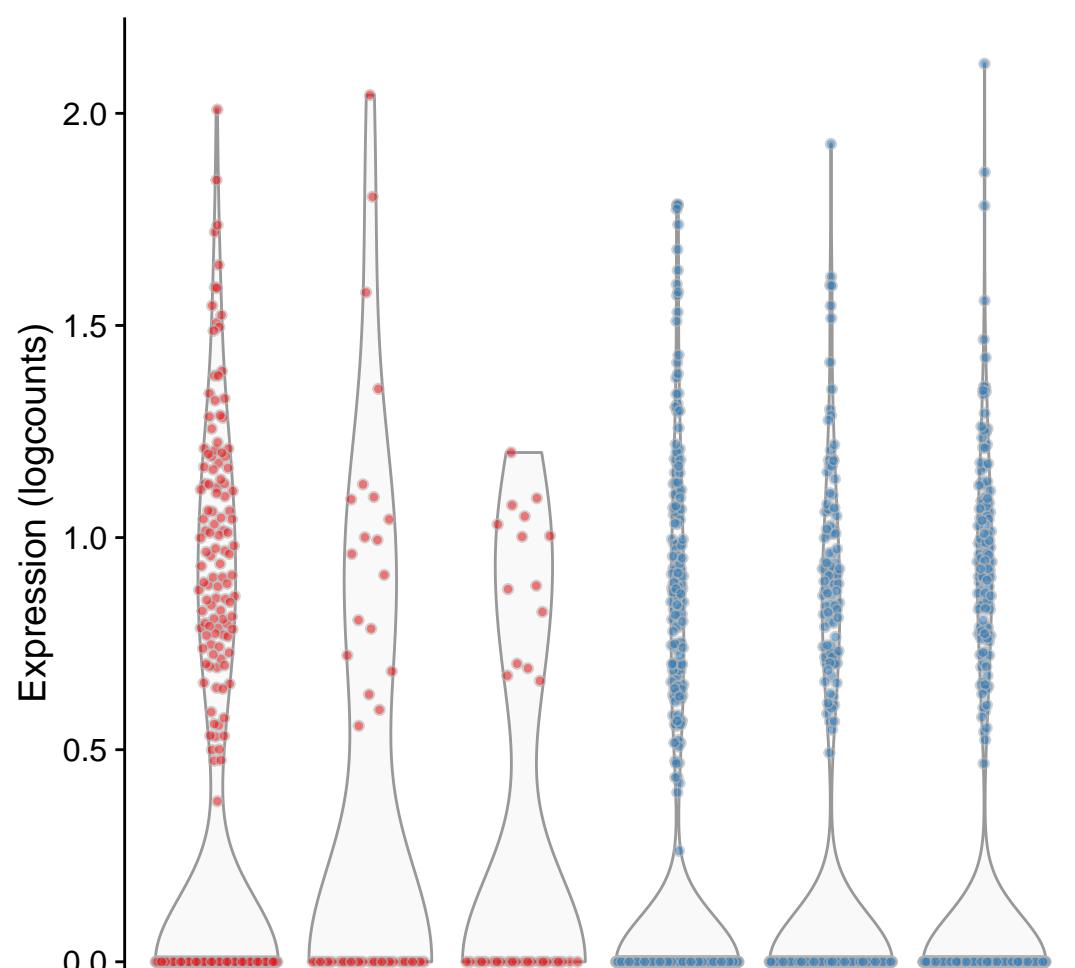
Expression (logcounts)

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

Sample

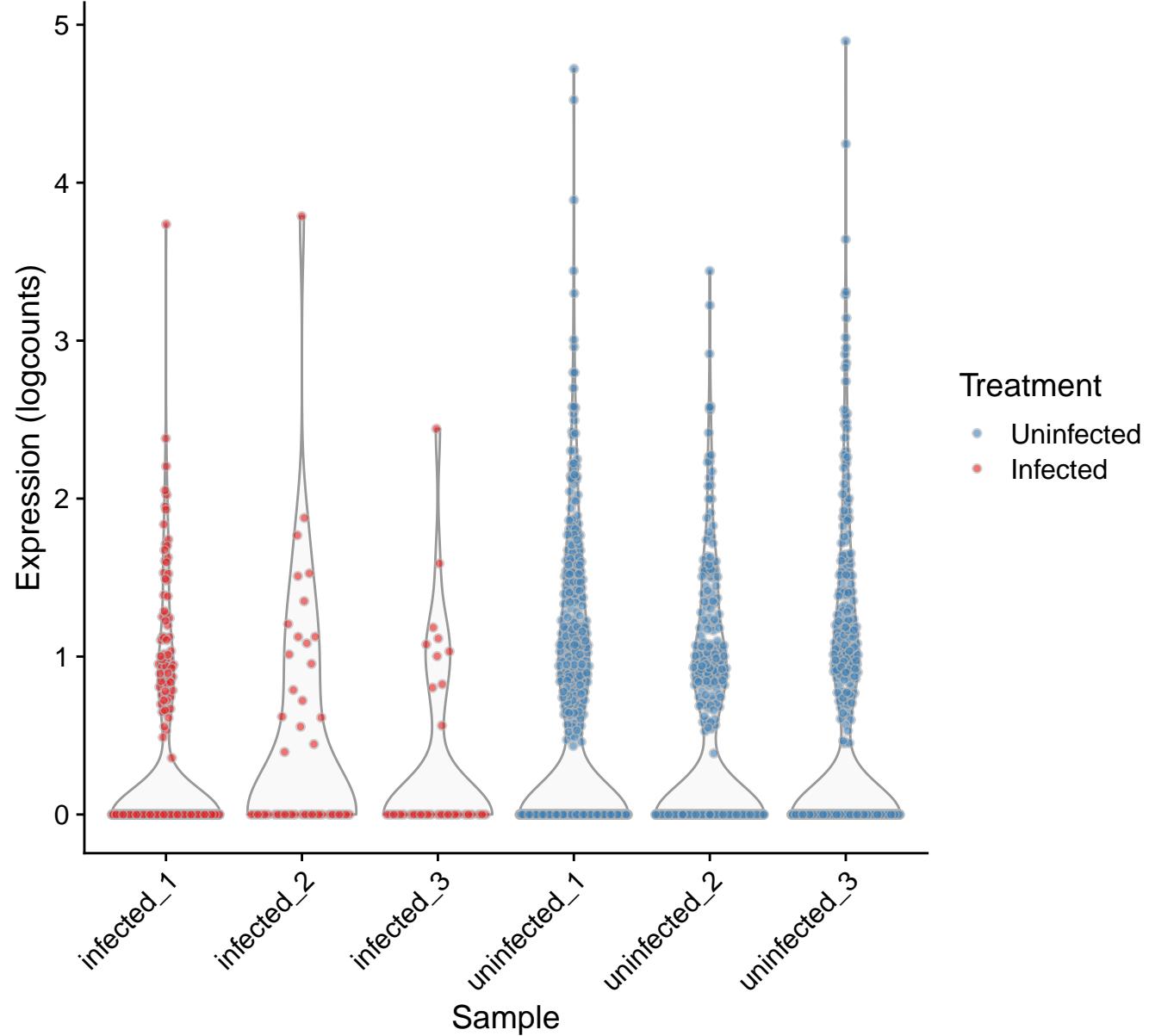
Treatment

- Uninfected
- Infected



# LTA (FDR = 0.005)

cluster\_6



# WNT10A (FDR = 0.005)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

uninfected\_1

uninfected\_2

uninfected\_3

# CYB561 (FDR = 0.006)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

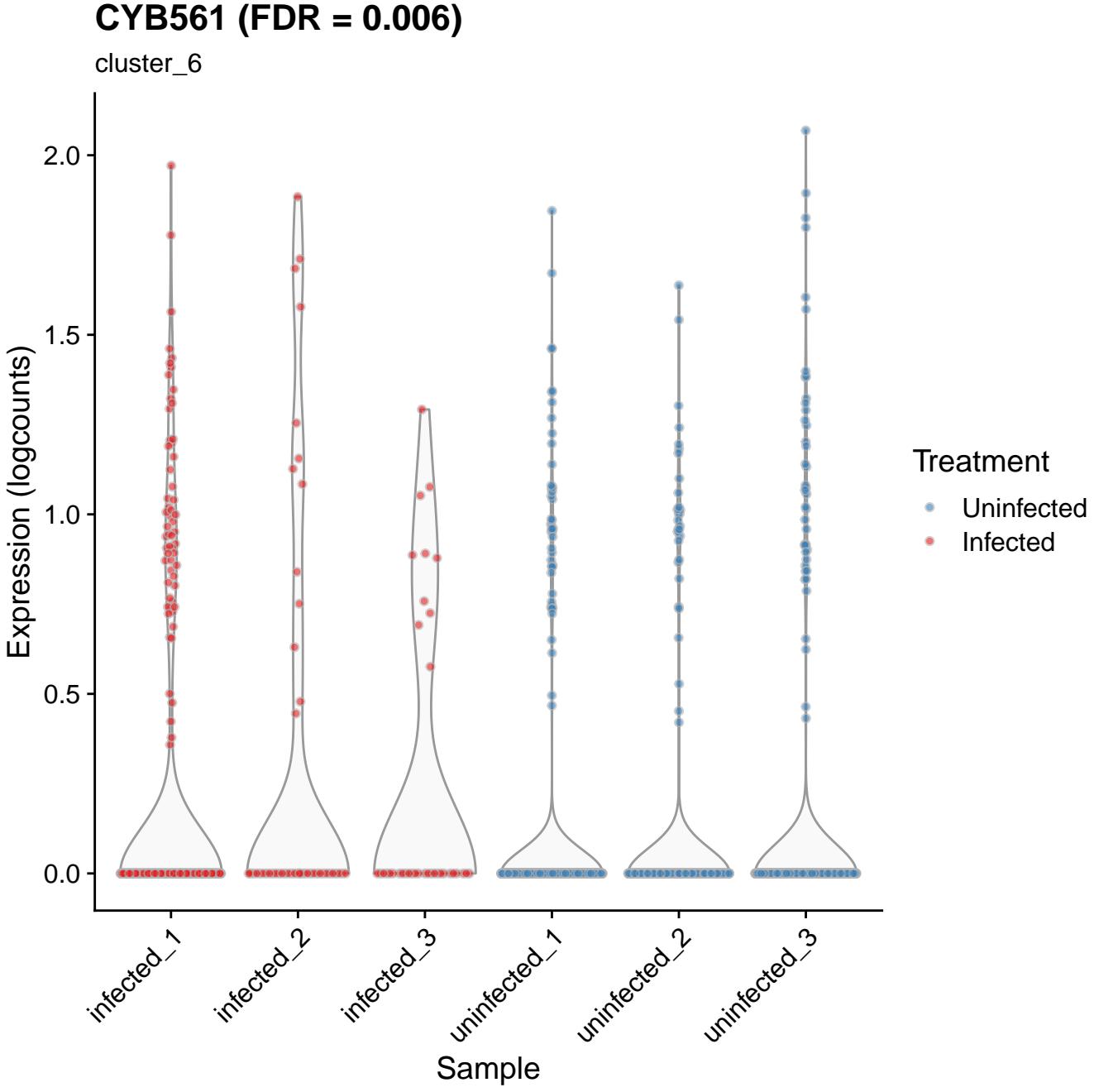
infected\_3

Sample

uninfected\_1

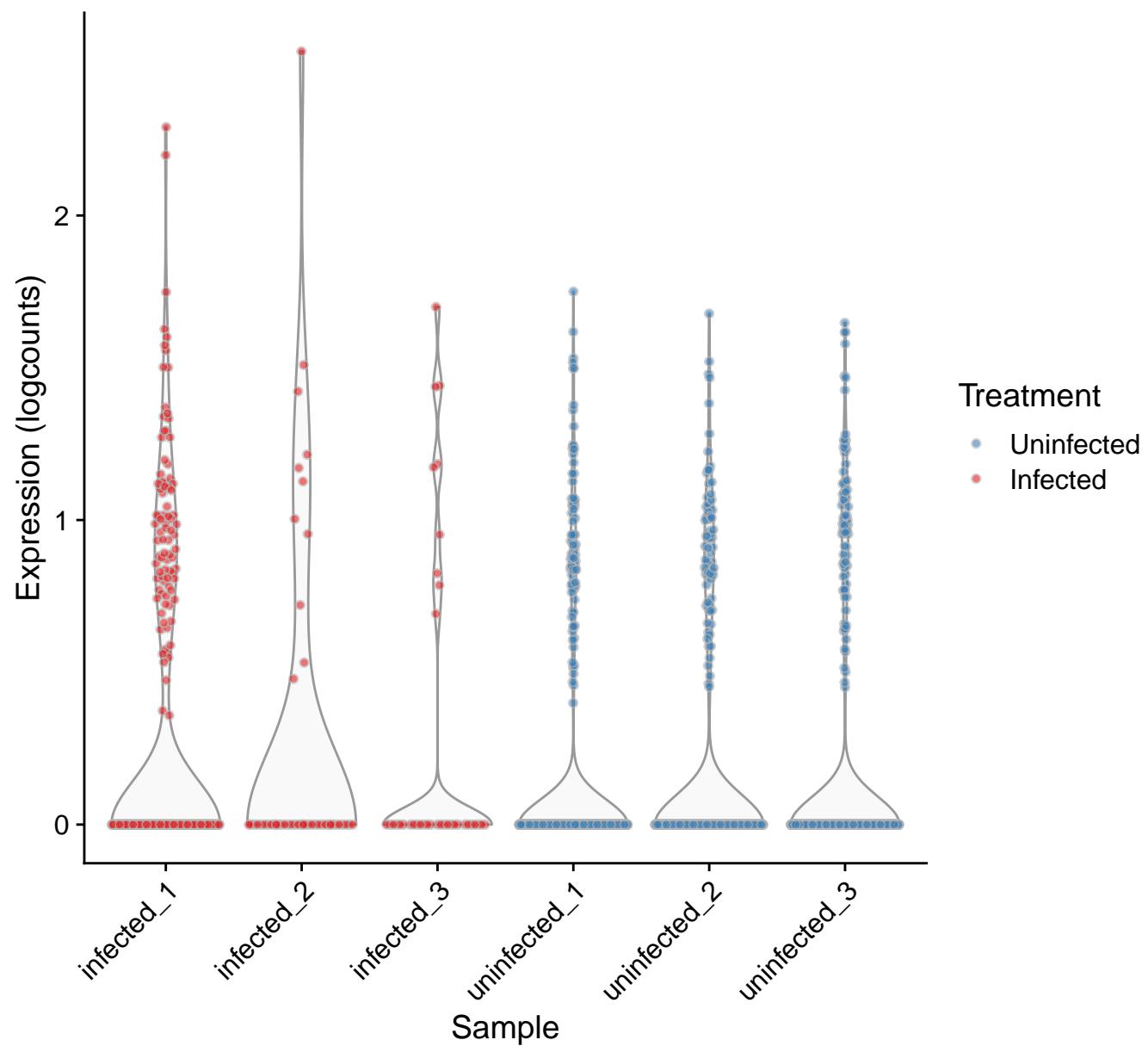
uninfected\_2

uninfected\_3



# RFFL (FDR = 0.007)

cluster\_6



# CCDC50 (FDR = 0.007)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

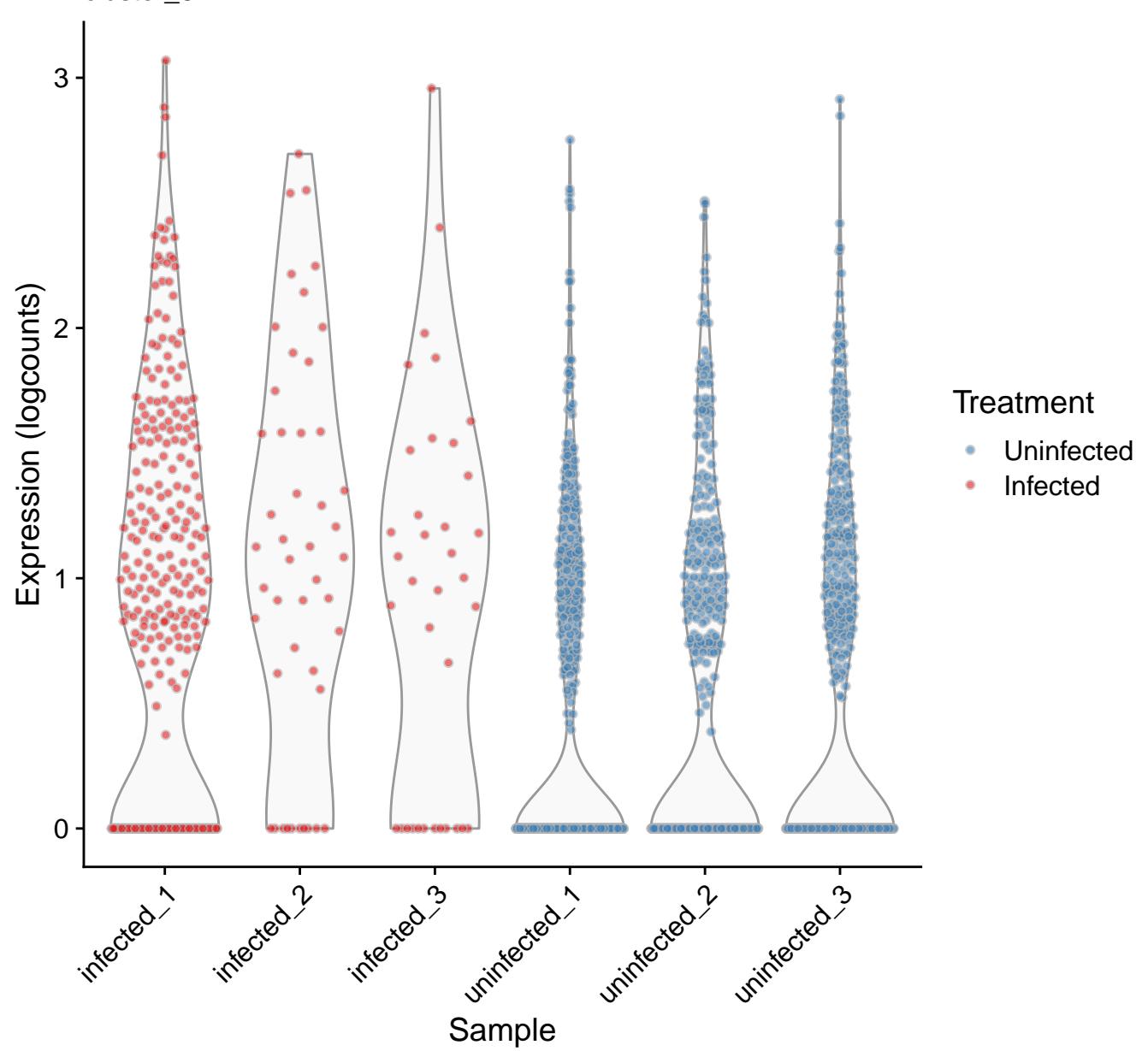
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# **SLC25A46 (FDR = 0.01)**

cluster\_6

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

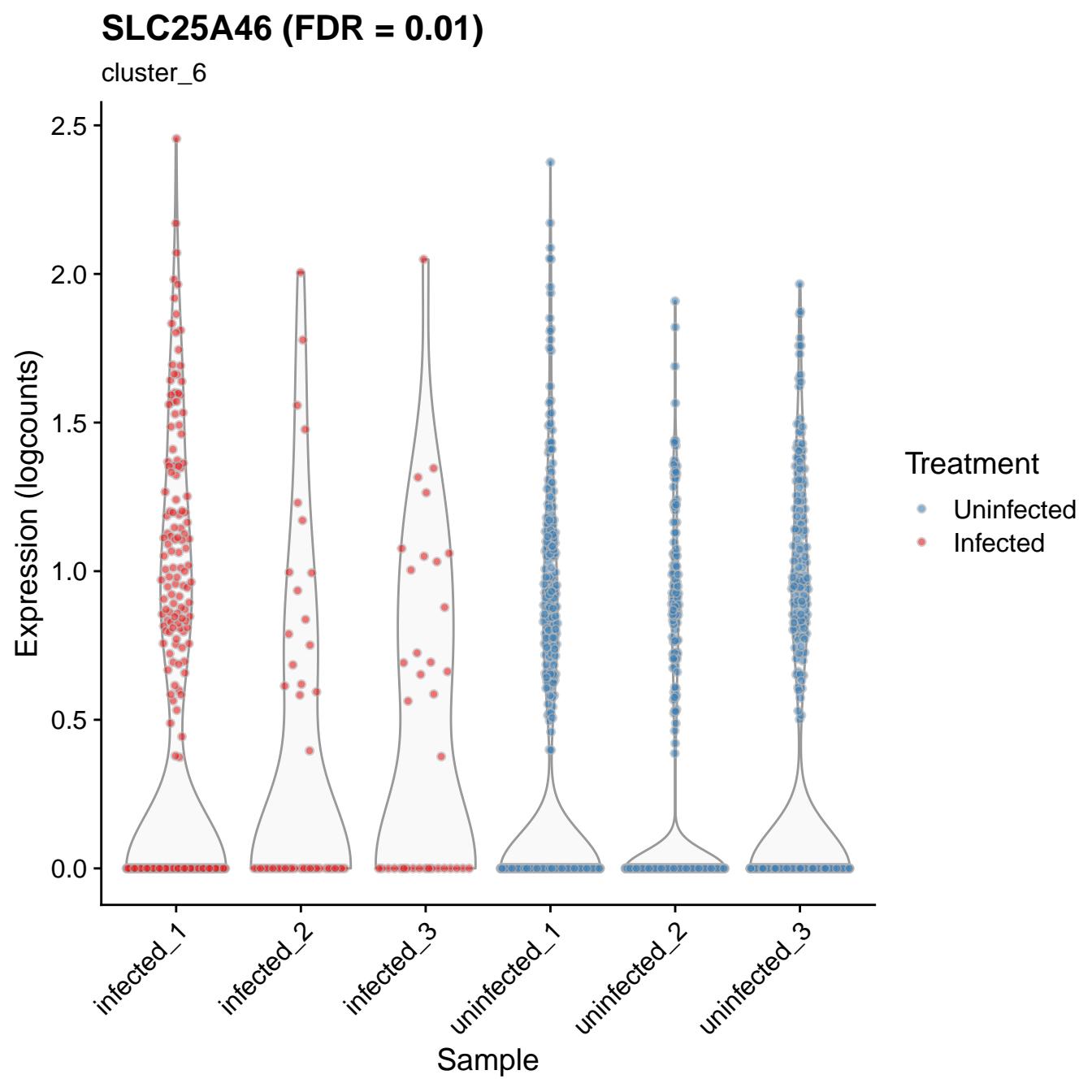
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CCND2 (FDR = 0.01)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

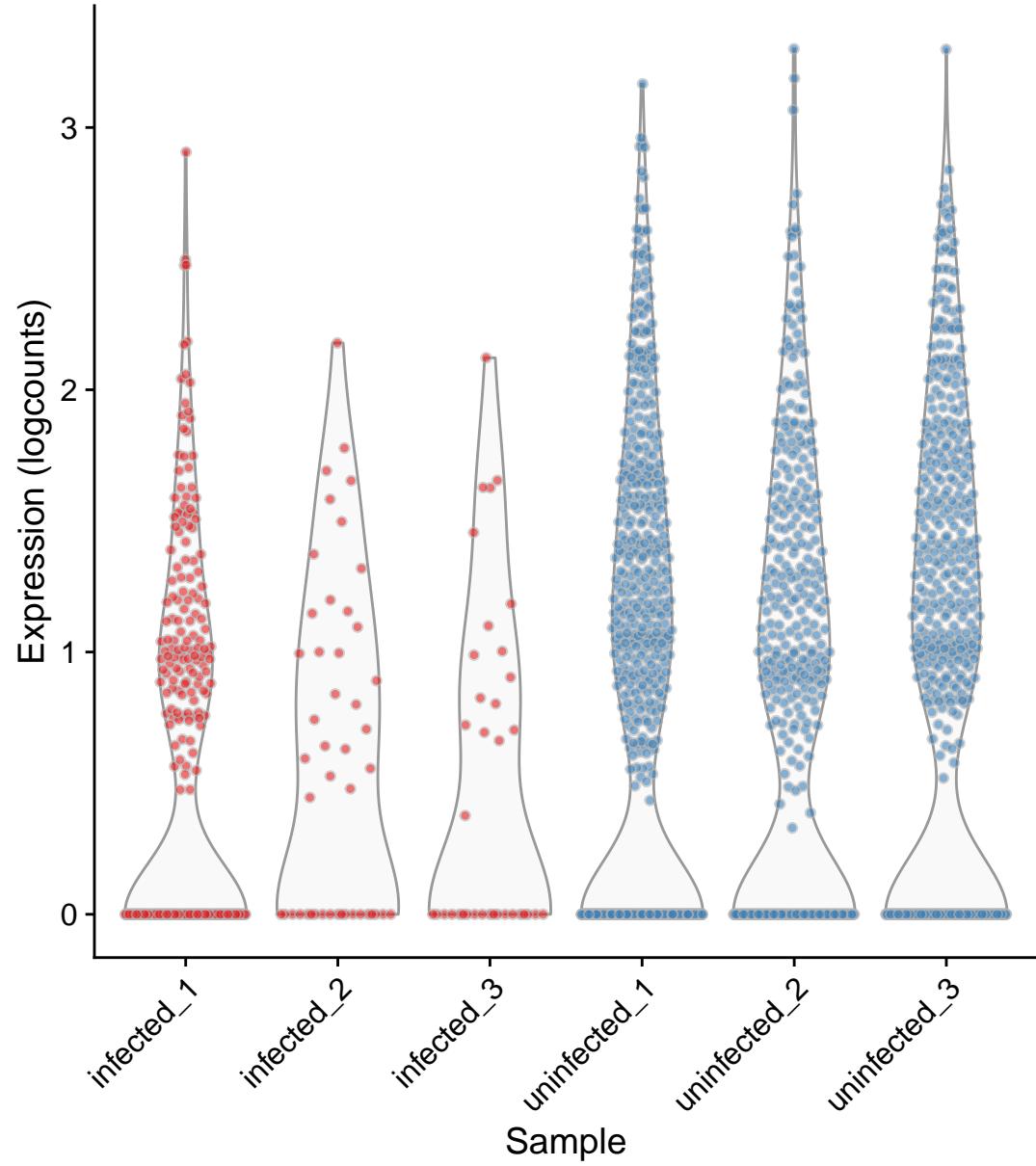
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# FBXO34 (FDR = 0.01)

cluster\_6

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

infected\_1

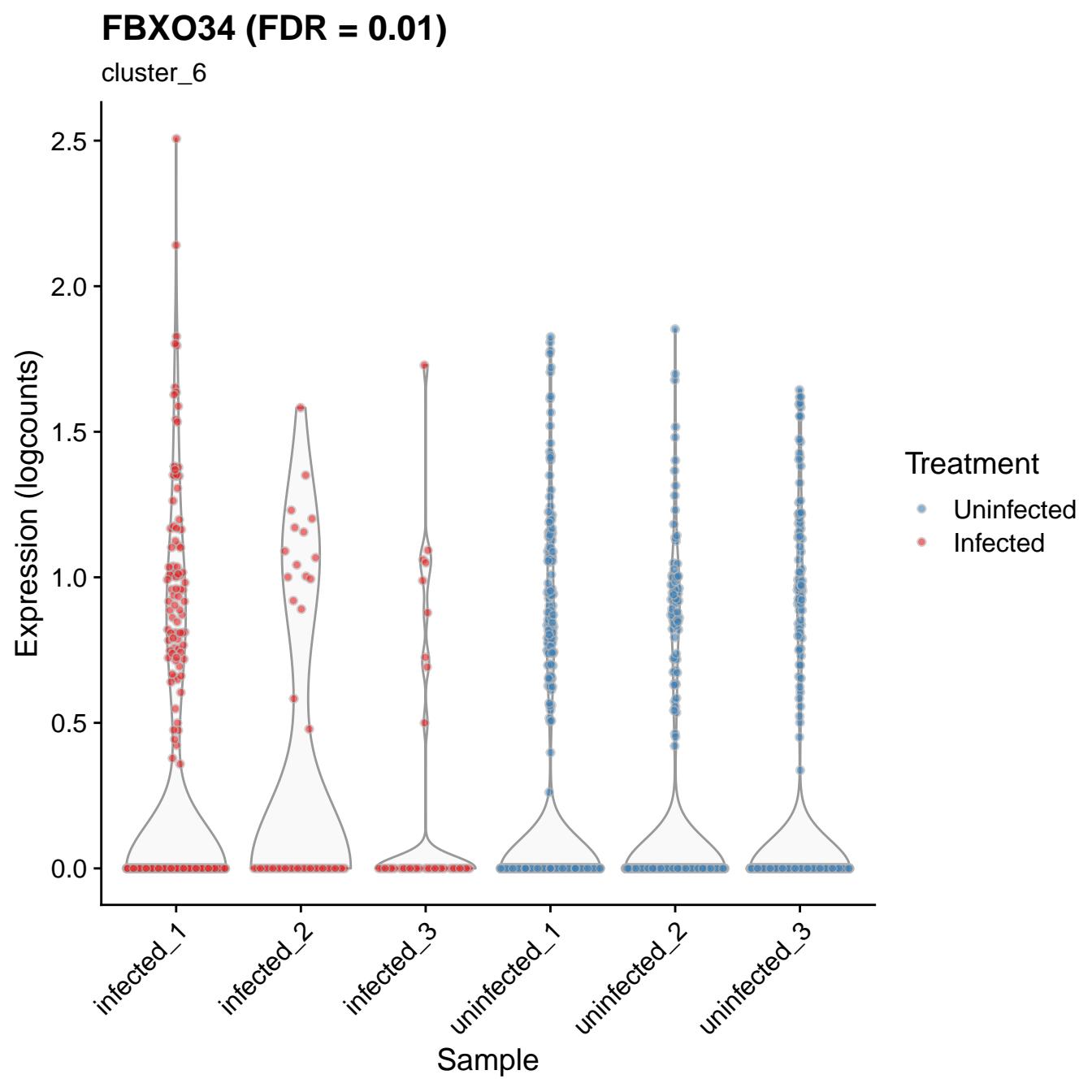
infected\_2

infected\_3

Sample

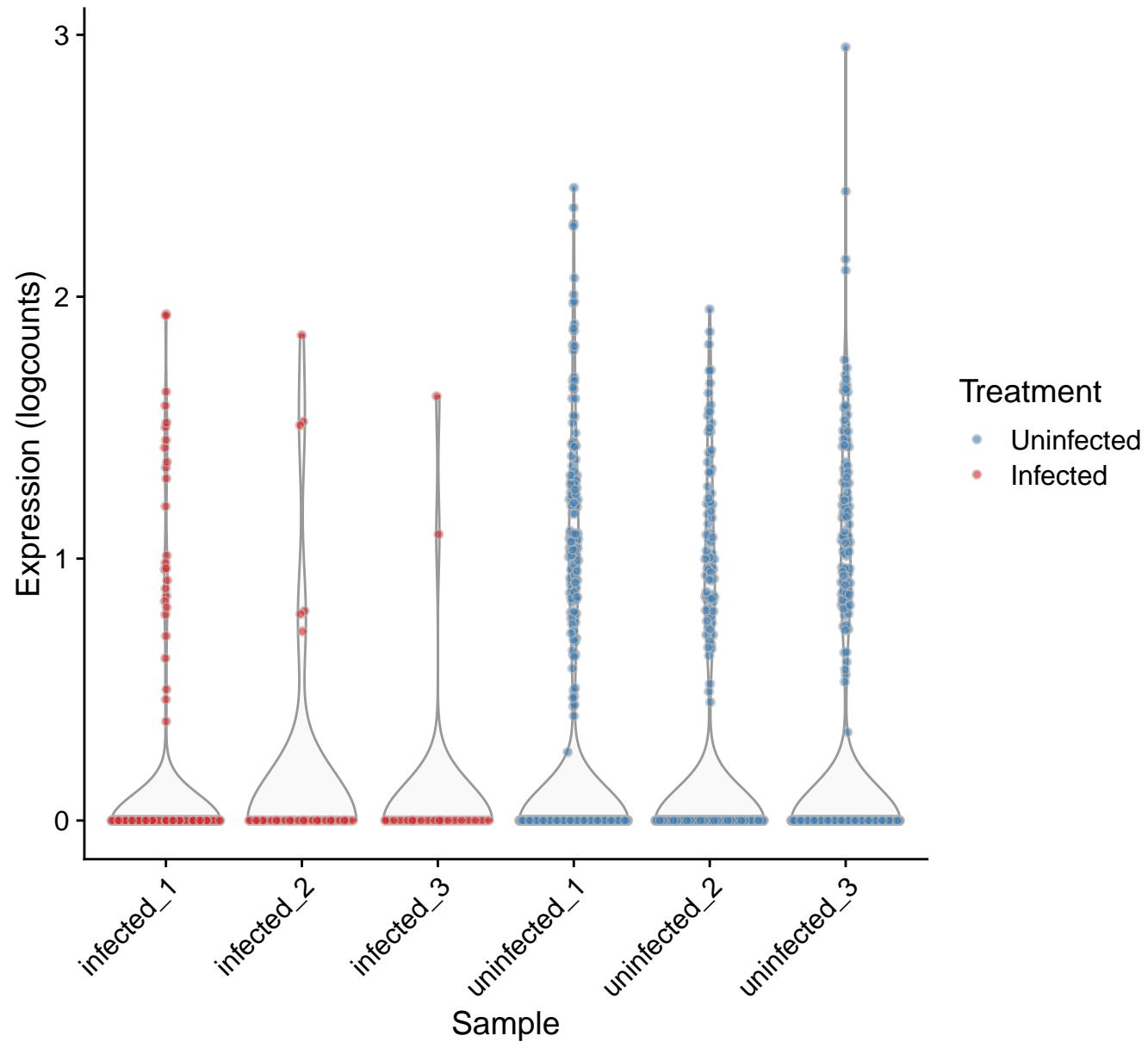
Treatment

- Uninfected
- Infected



# TMIGD2 (FDR = 0.01)

cluster\_6



# TAP1 (FDR = 0.01)

cluster\_6

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

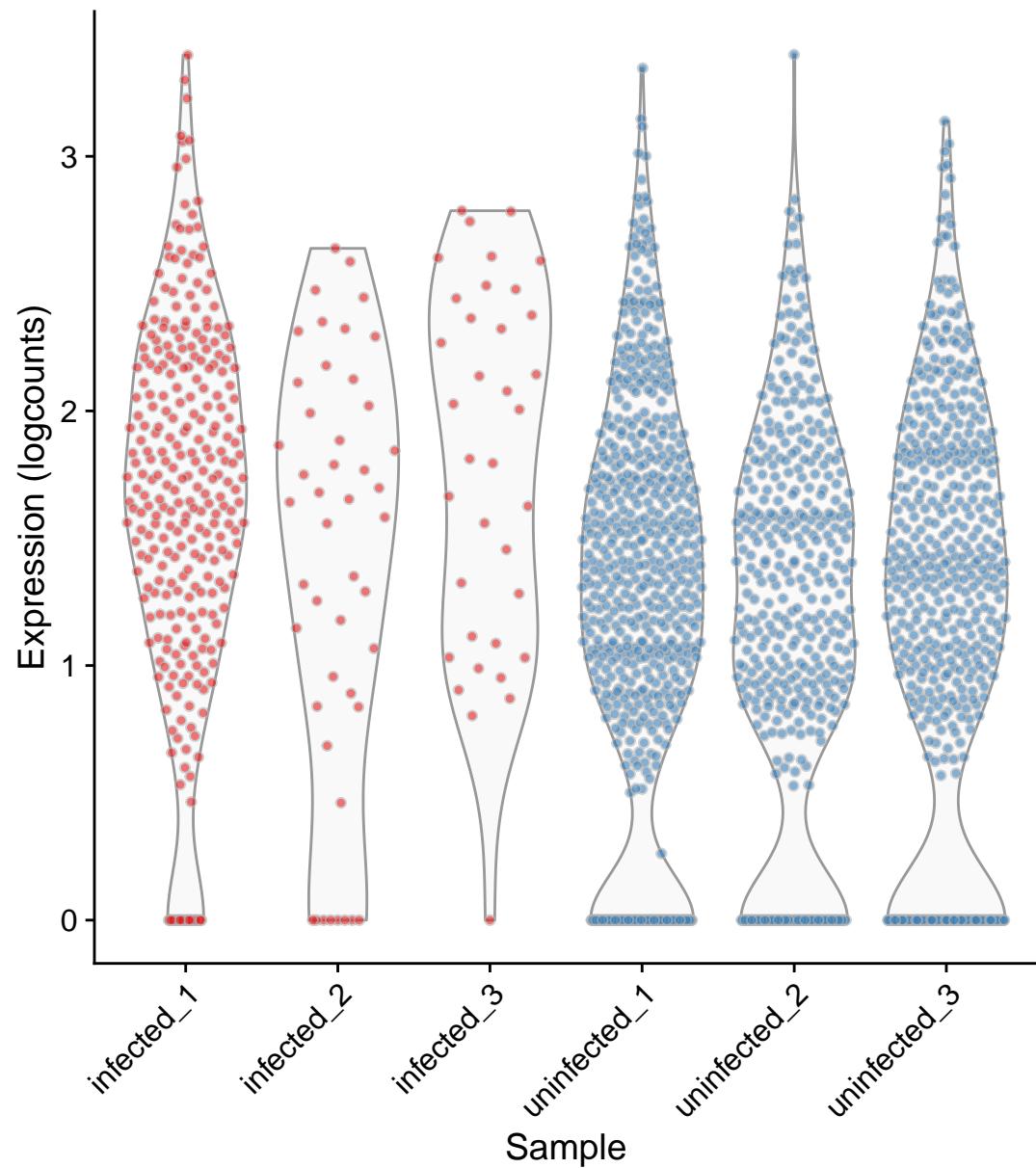
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# RILPL2 (FDR = 0.01)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

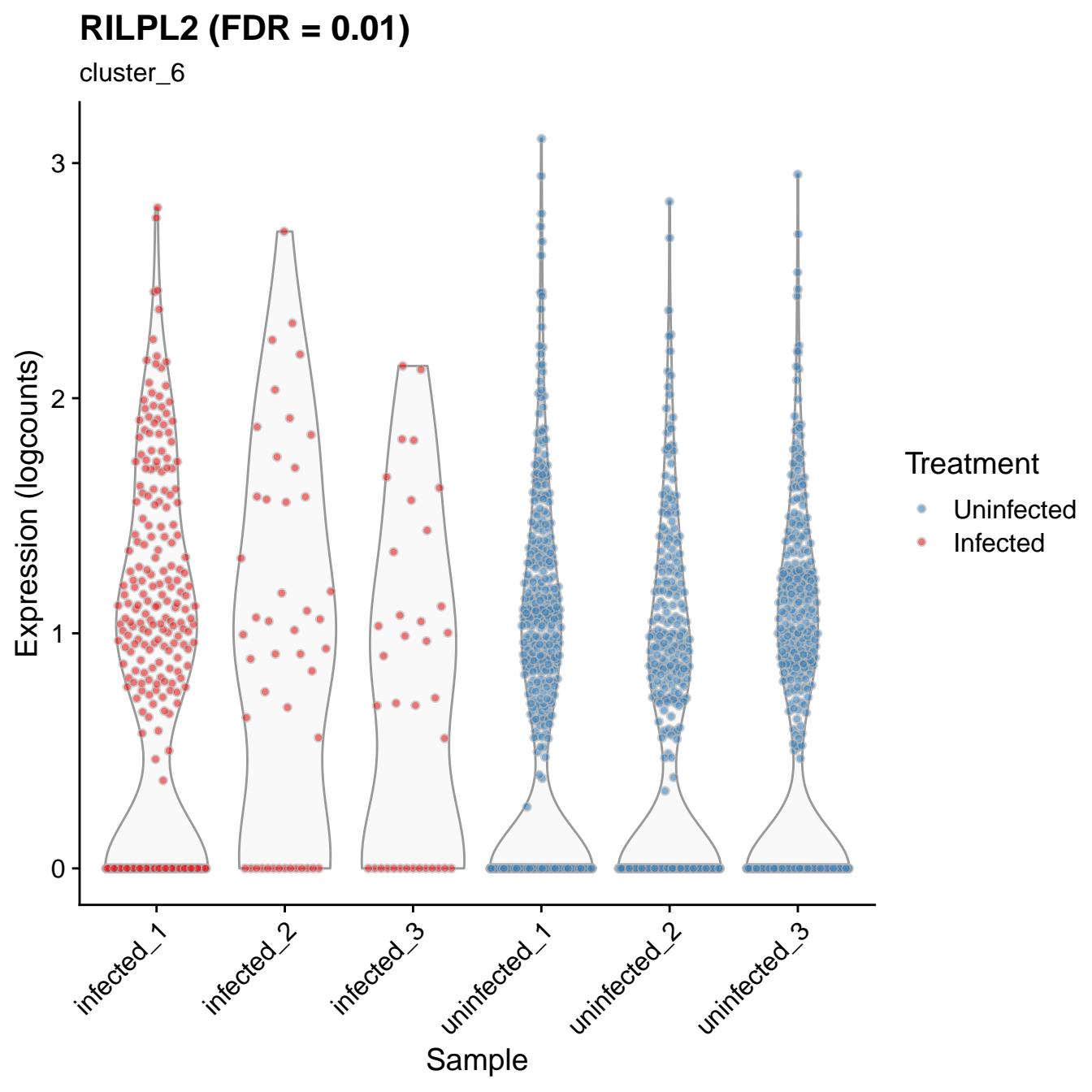
uninfected\_2

uninfected\_3

Sample

Treatment

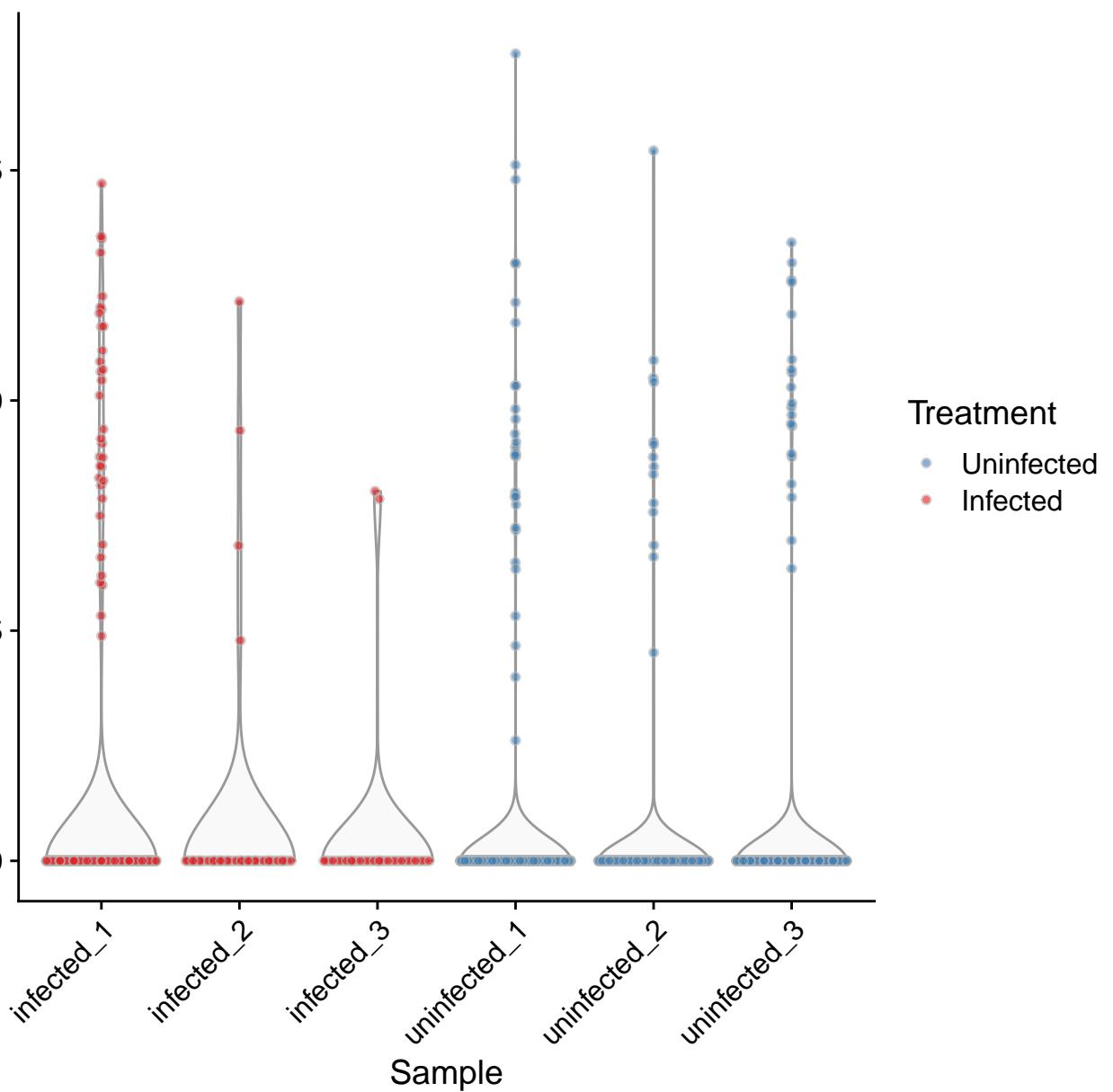
- Uninfected
- Infected



# AC009133.1 (FDR = 0.02)

cluster\_6

Expression (logcounts)



# RGS9 (FDR = 0.02)

cluster\_6

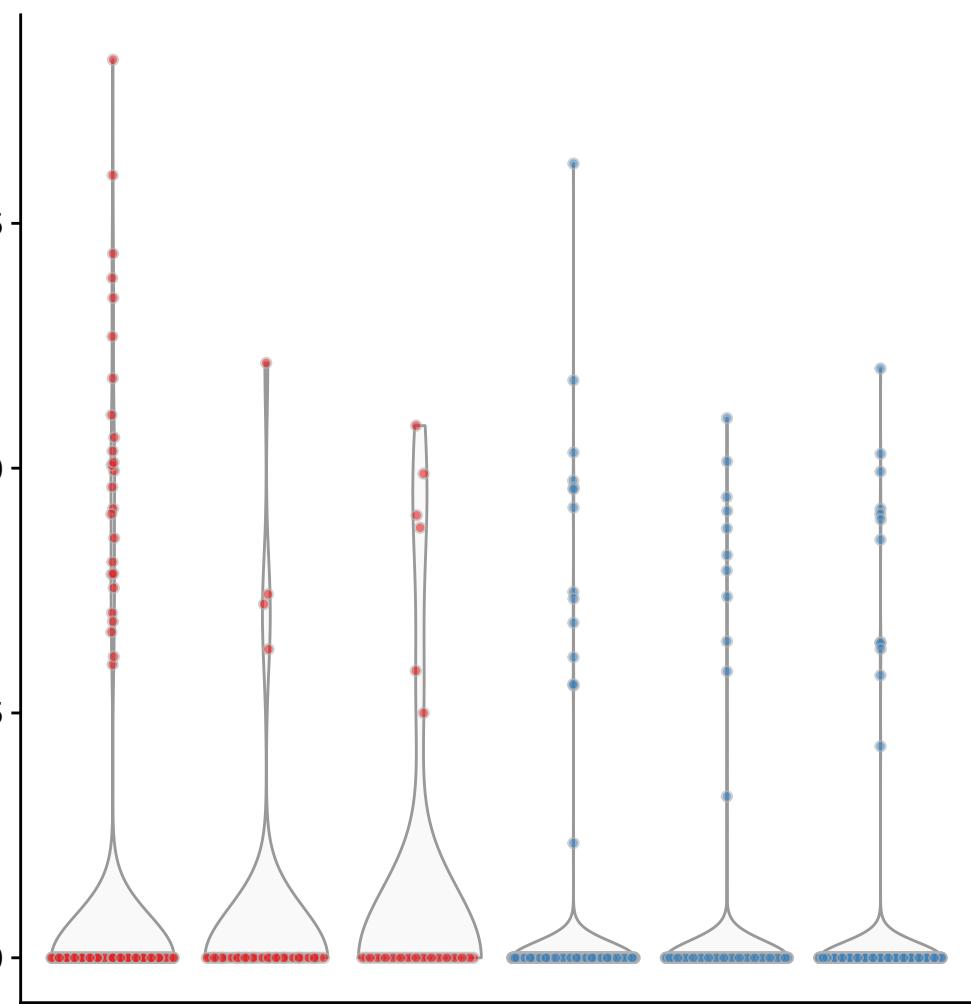
Expression (logcounts)

1.5

1.0

0.5

0.0



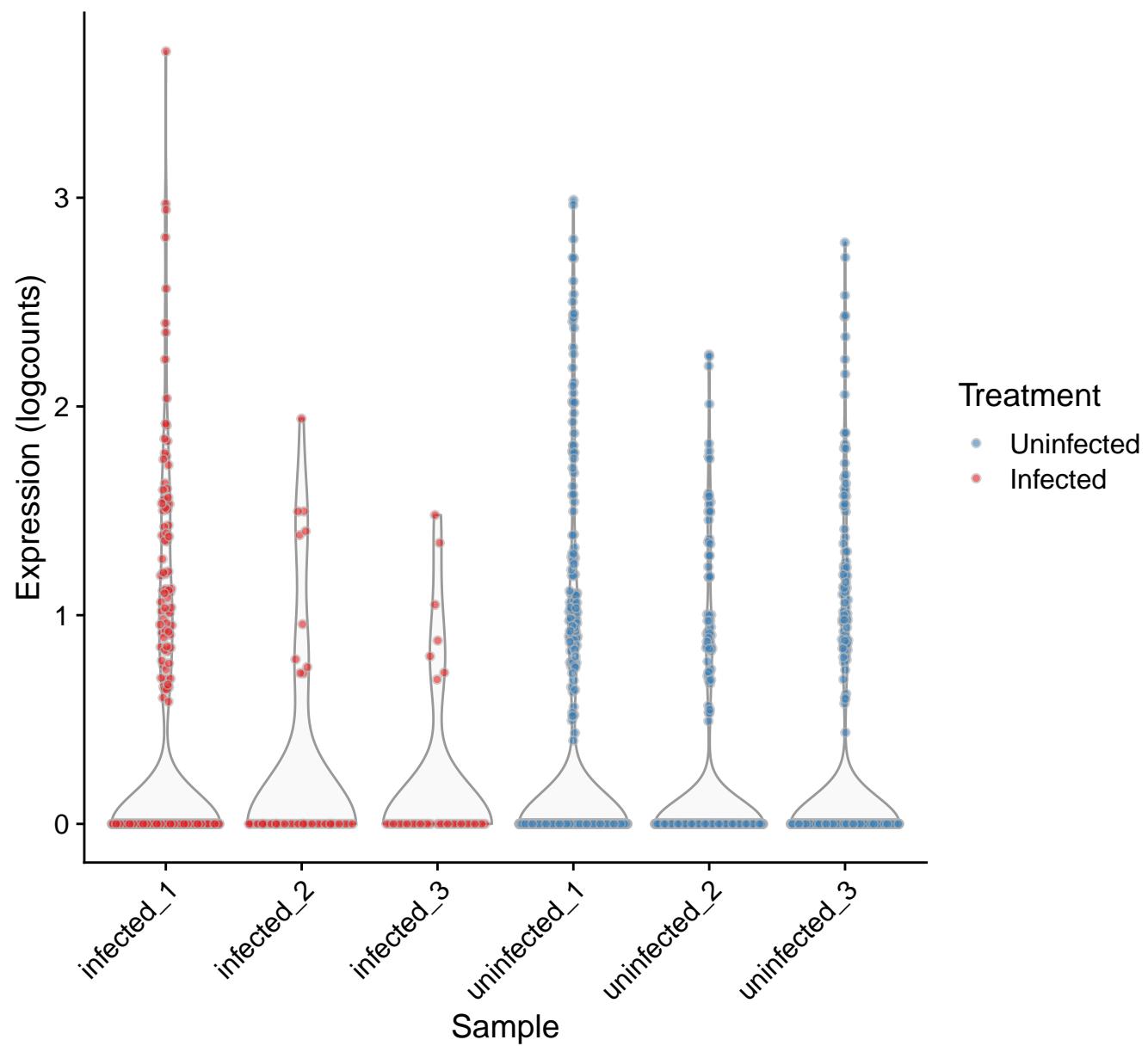
Treatment

- Uninfected
- Infected

Sample

# MAL (FDR = 0.02)

cluster\_6



# MS4A6A (FDR = 0.02)

cluster\_6

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

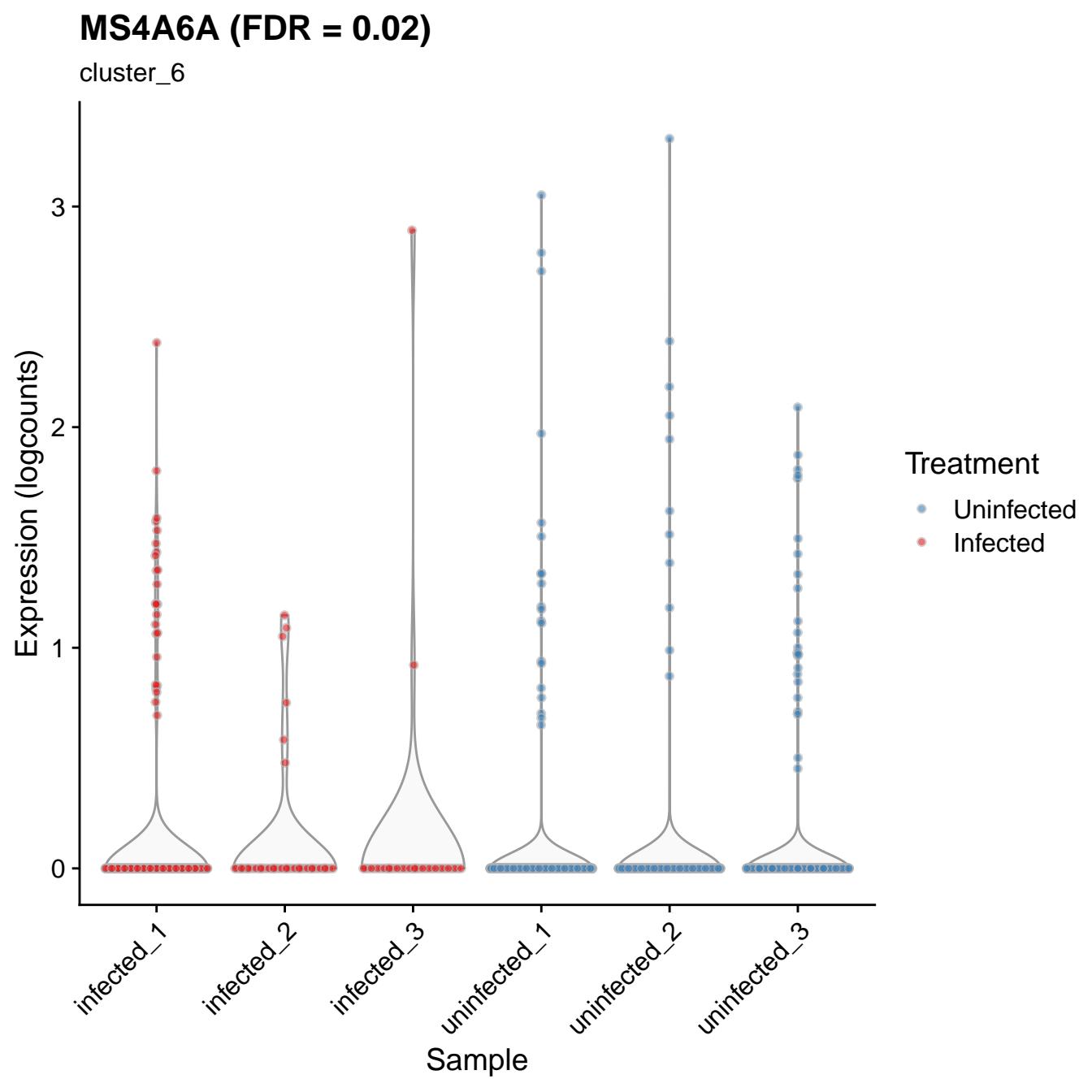
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# C9orf139 (FDR = 0.02)

cluster\_6

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

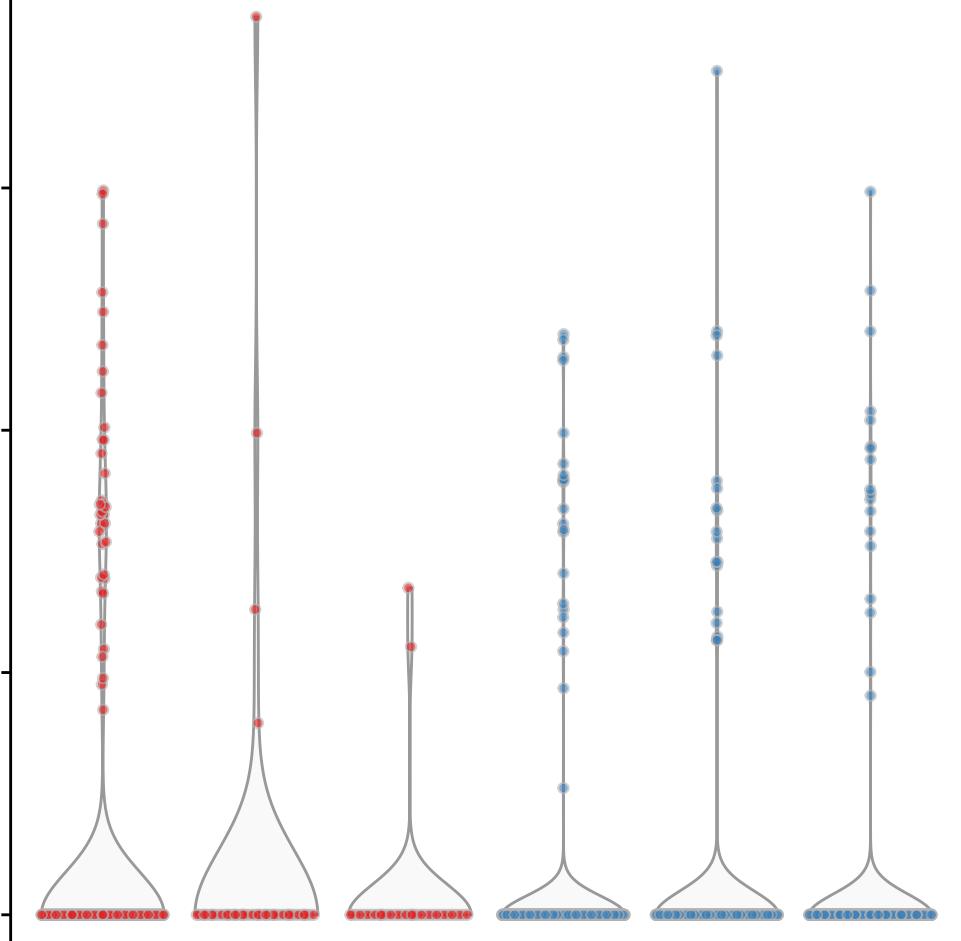
infected\_3

Sample

uninfected\_1

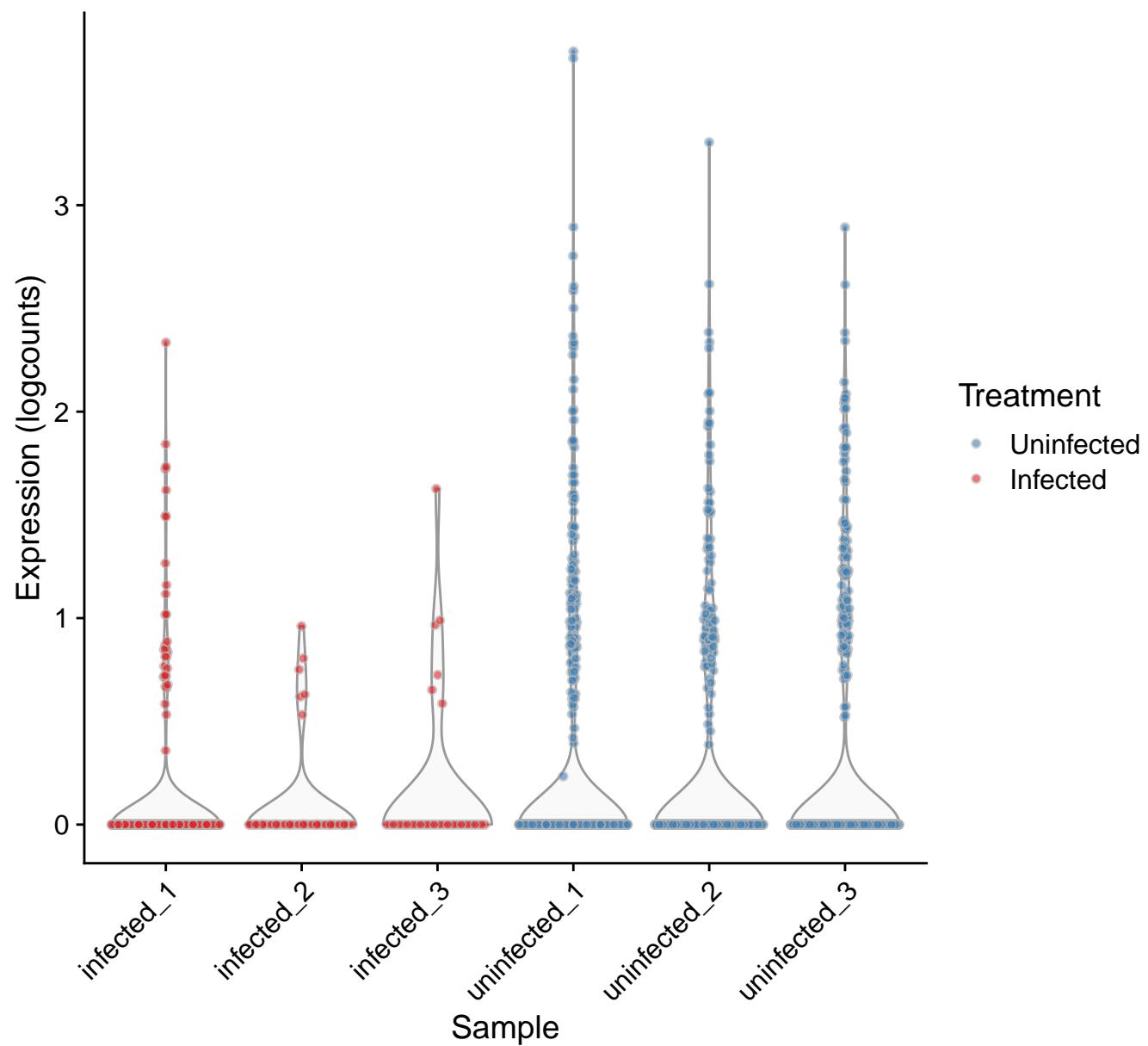
uninfected\_2

uninfected\_3



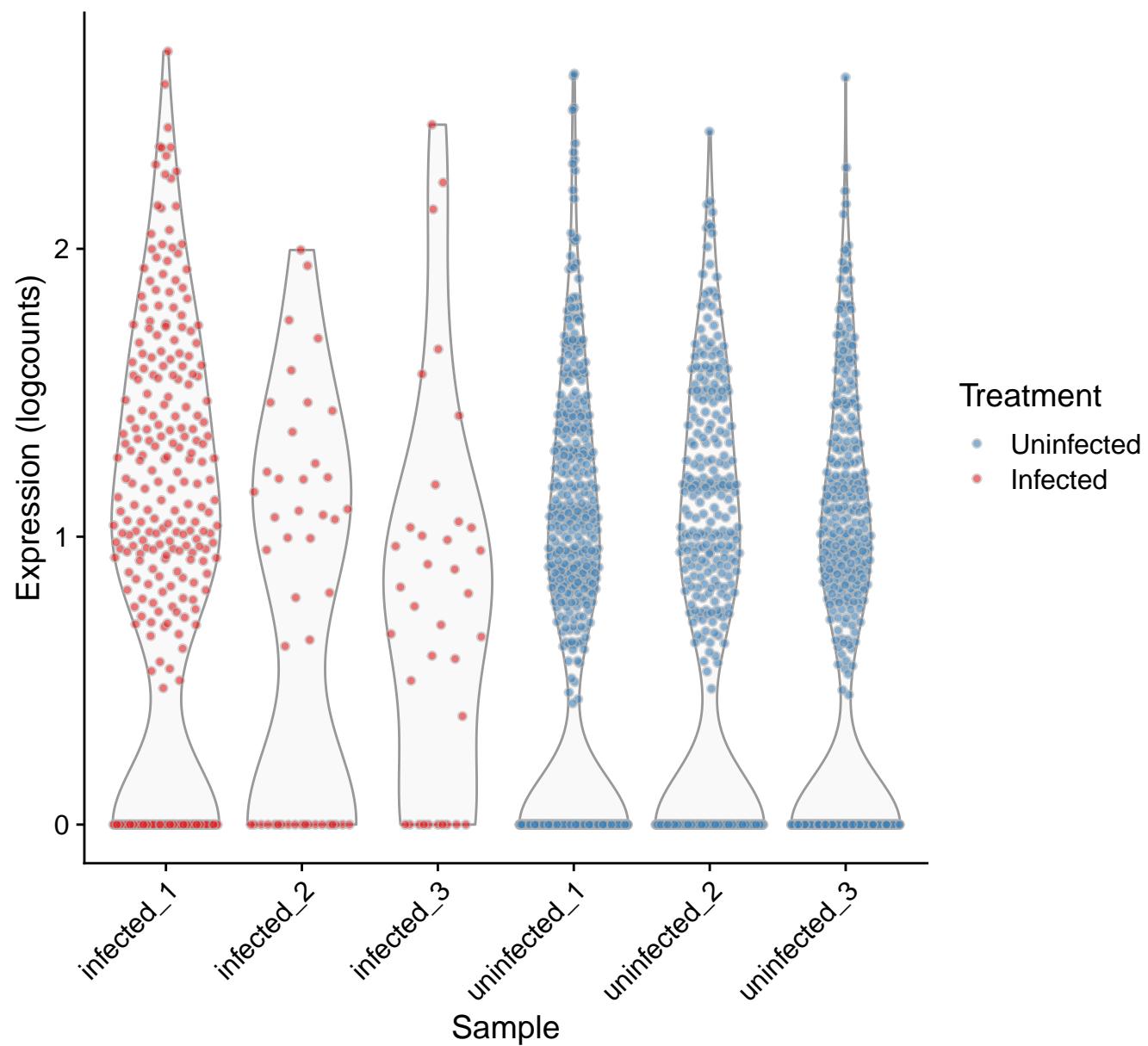
# CISH (FDR = 0.02)

cluster\_6



# NSMCE1 (FDR = 0.02)

cluster\_6



# IFI44 (FDR = 0.02)

cluster\_6

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

Sample

# IL18R1 (FDR = 0.02)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

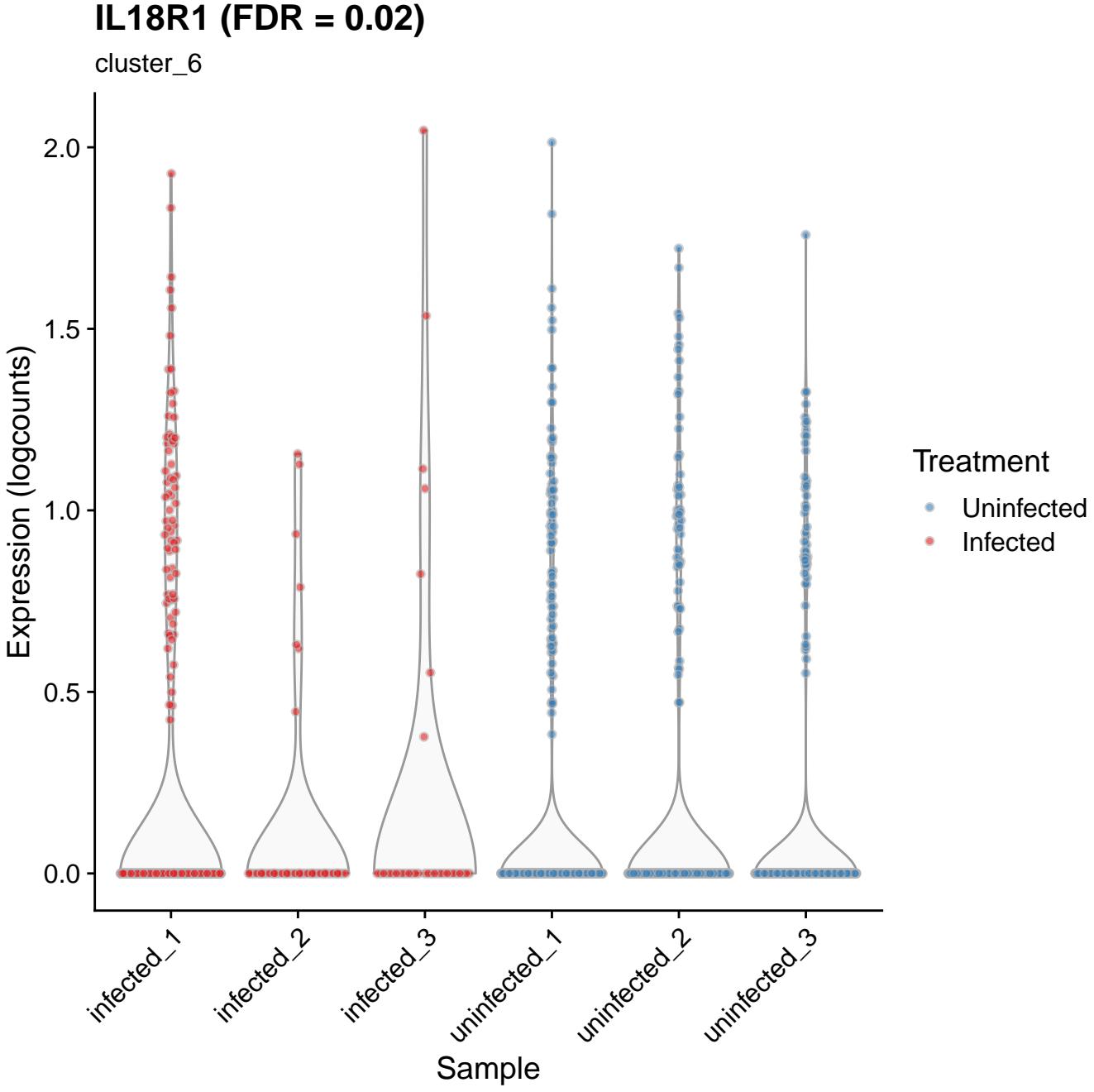
infected\_3

Sample

uninfected\_1

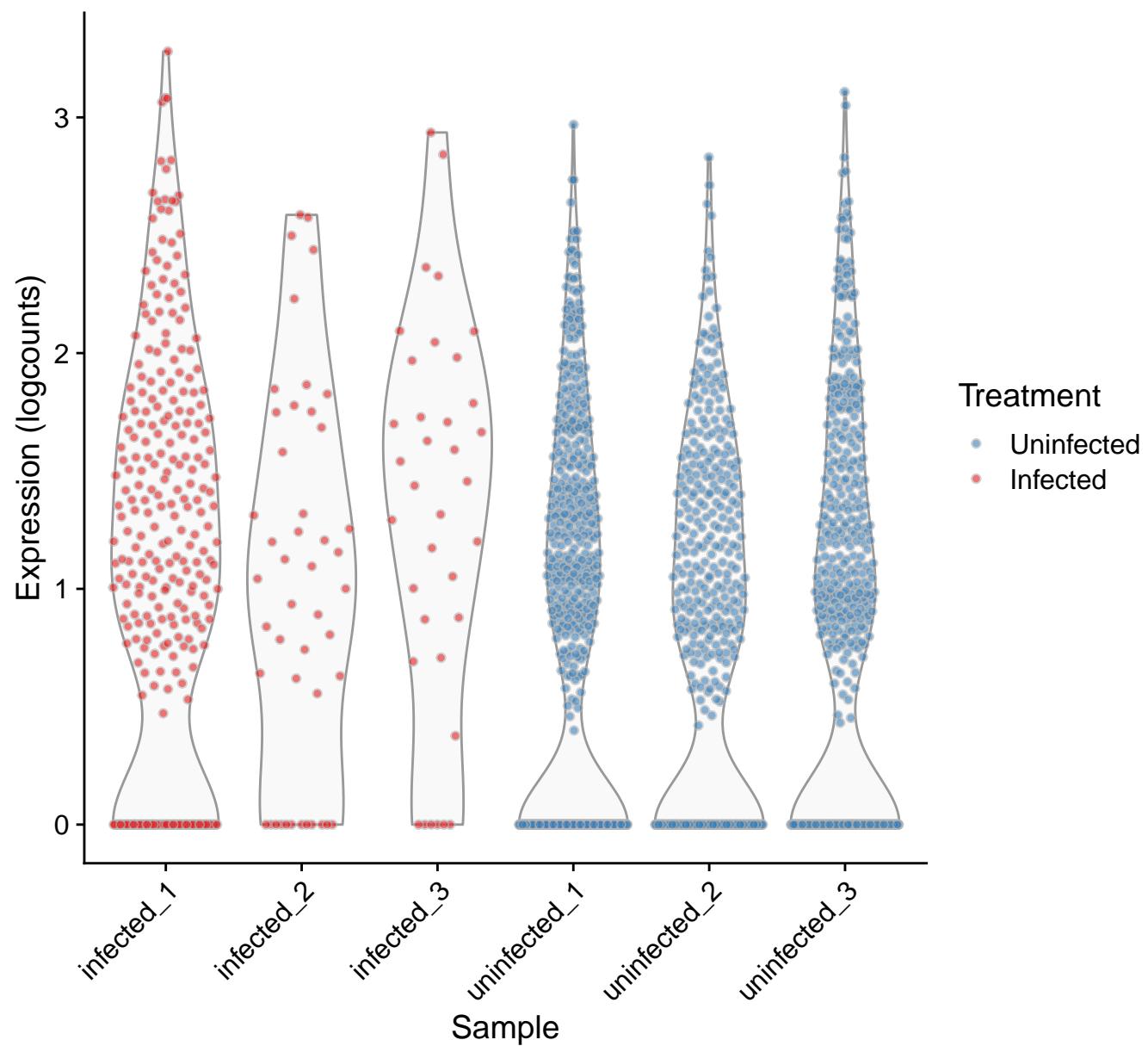
uninfected\_2

uninfected\_3



# TYMP (FDR = 0.02)

cluster\_6



# KIAA1324 (FDR = 0.02)

cluster\_6

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

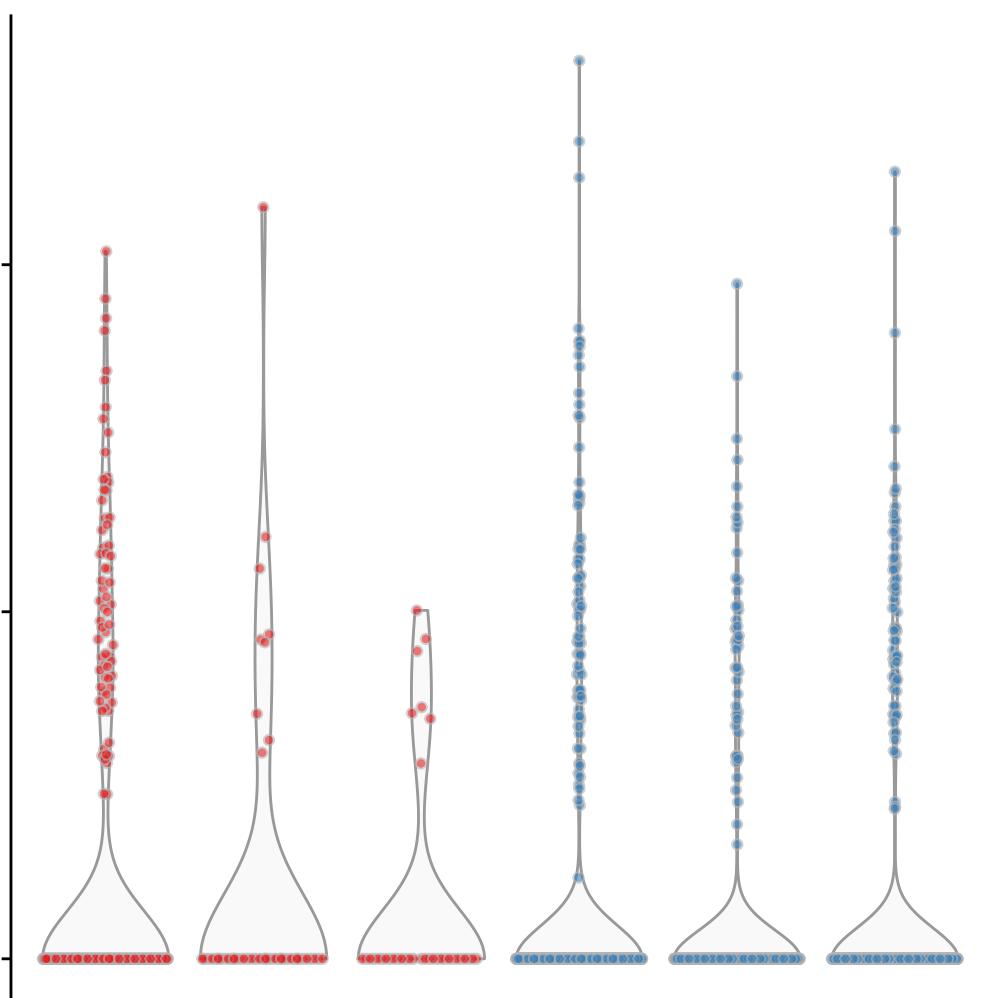
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ADAM8 (FDR = 0.02)

cluster\_6

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

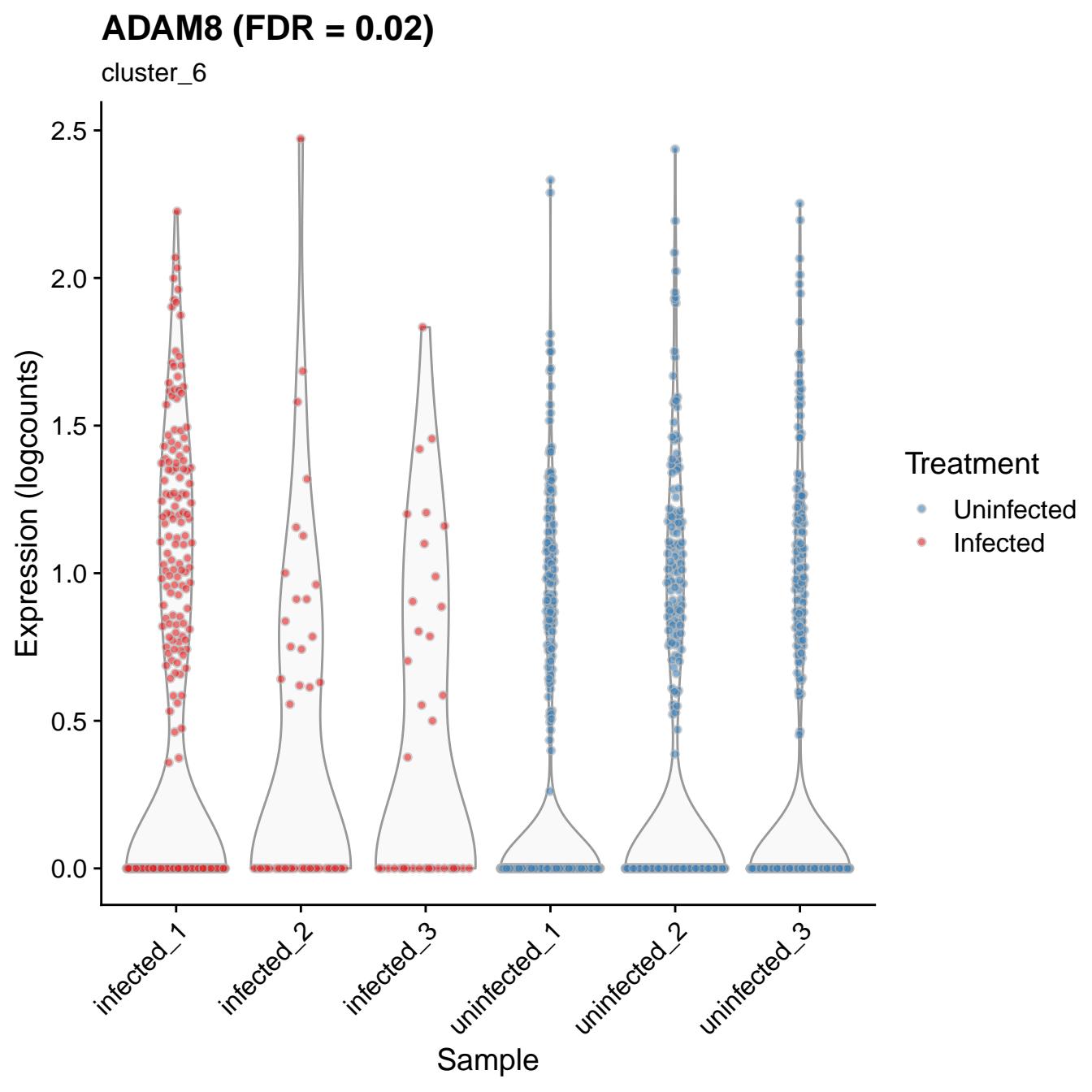
infected\_3

Sample

uninfected\_1

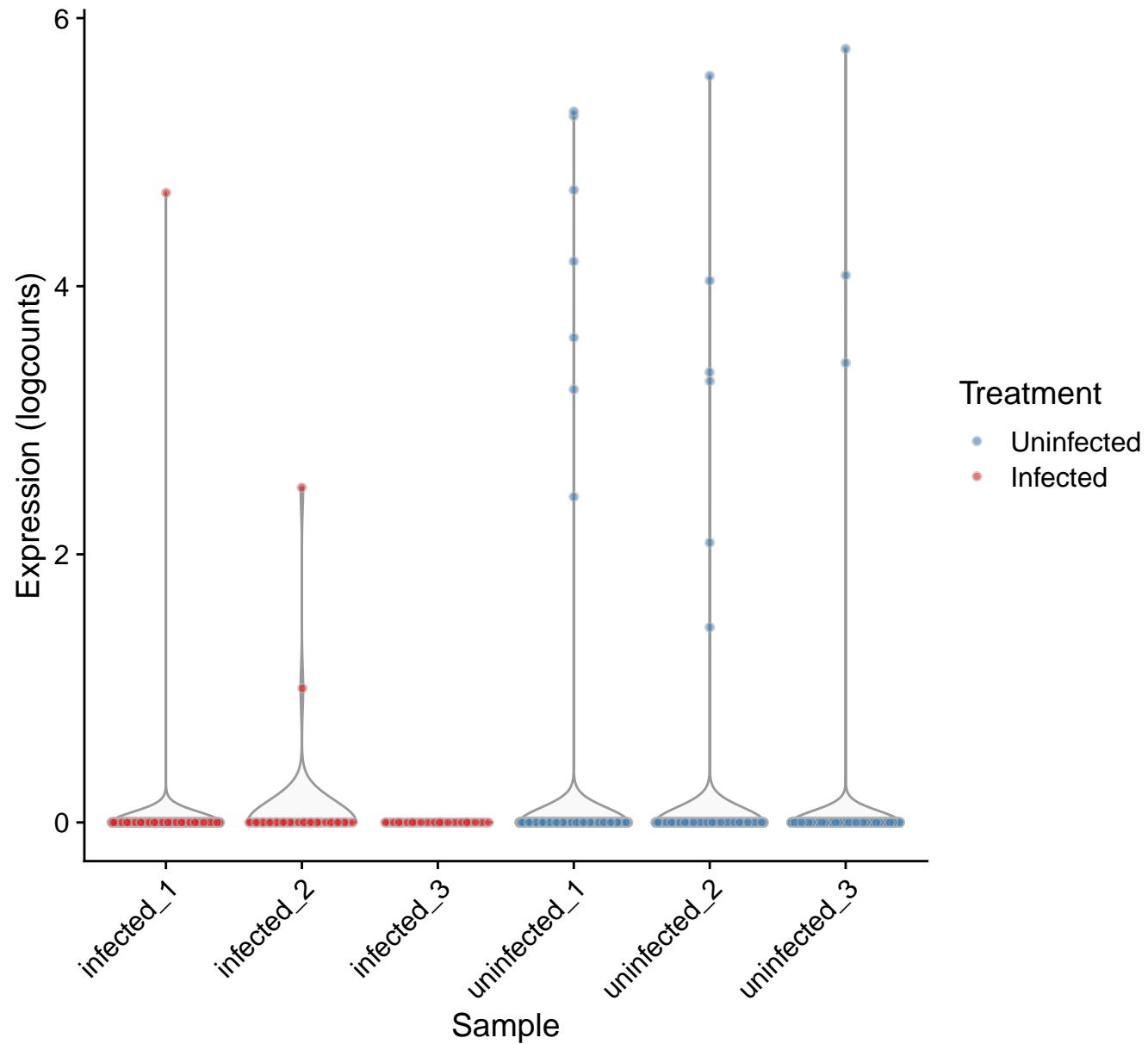
uninfected\_2

uninfected\_3



# TRBV5-5 (FDR = 0.02)

cluster\_6



# FOXP1 (FDR = 0.02)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

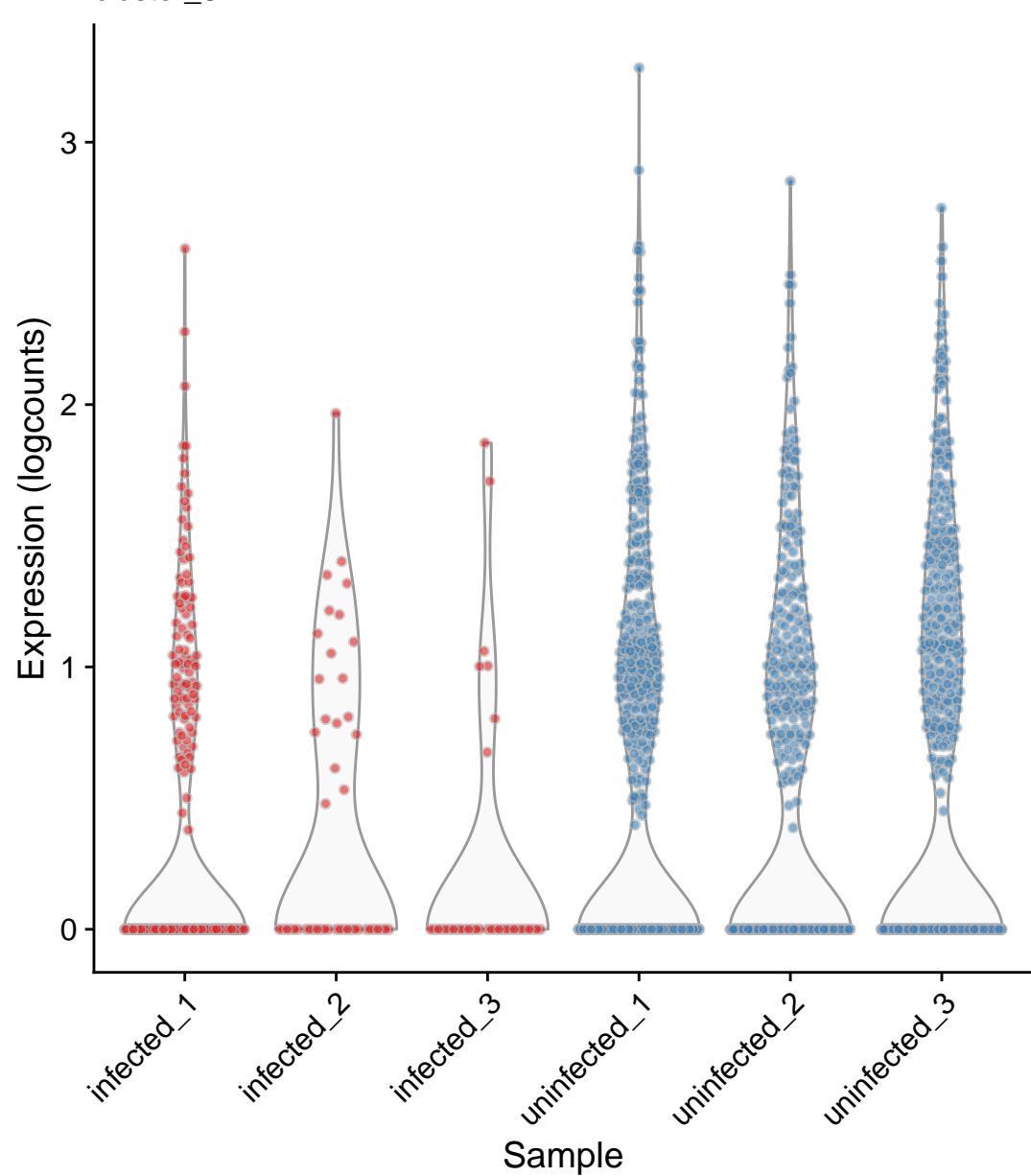
uninfected\_2

uninfected\_3

Sample

Treatment

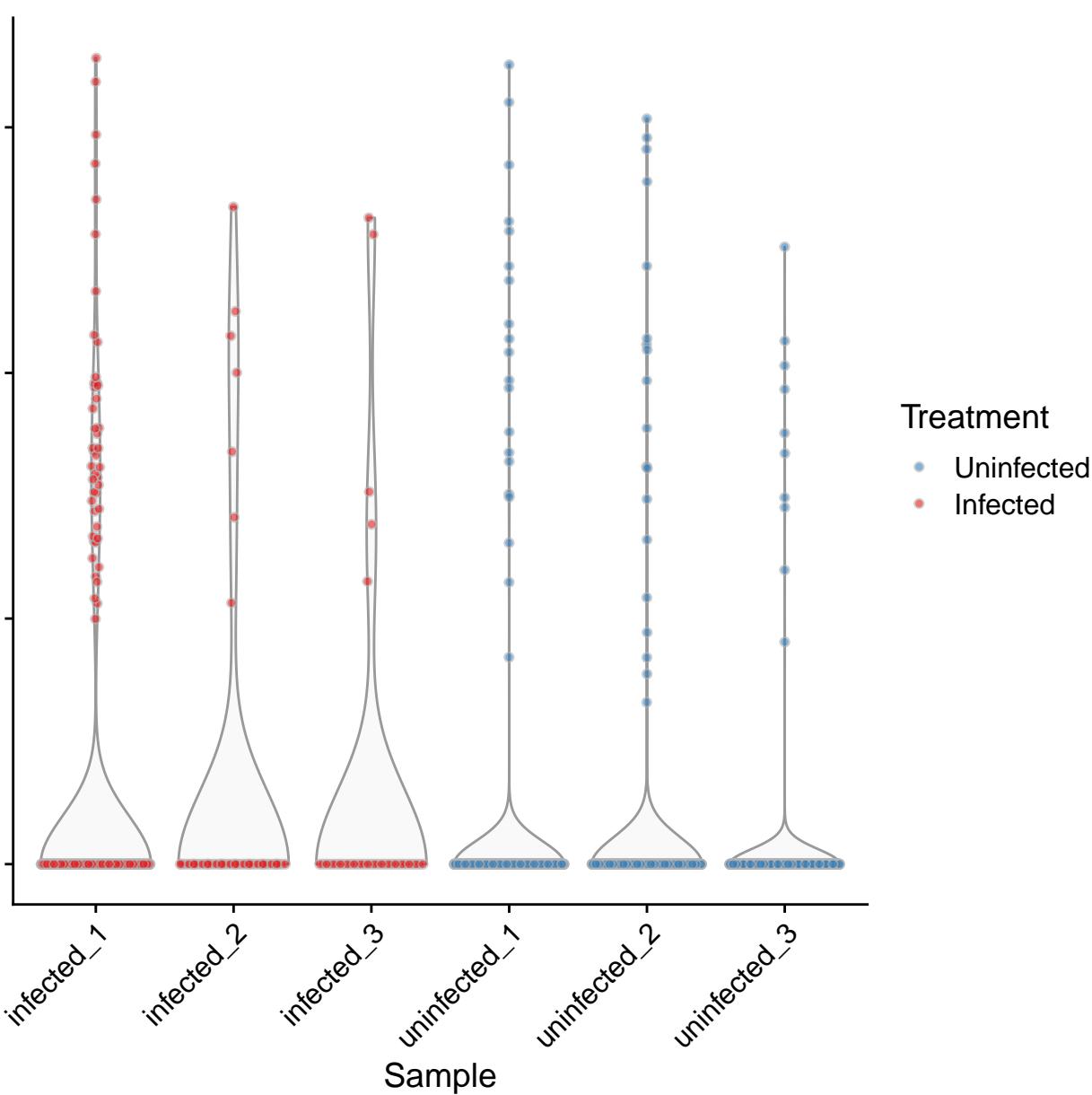
- Uninfected
- Infected



# MSC (FDR = 0.02)

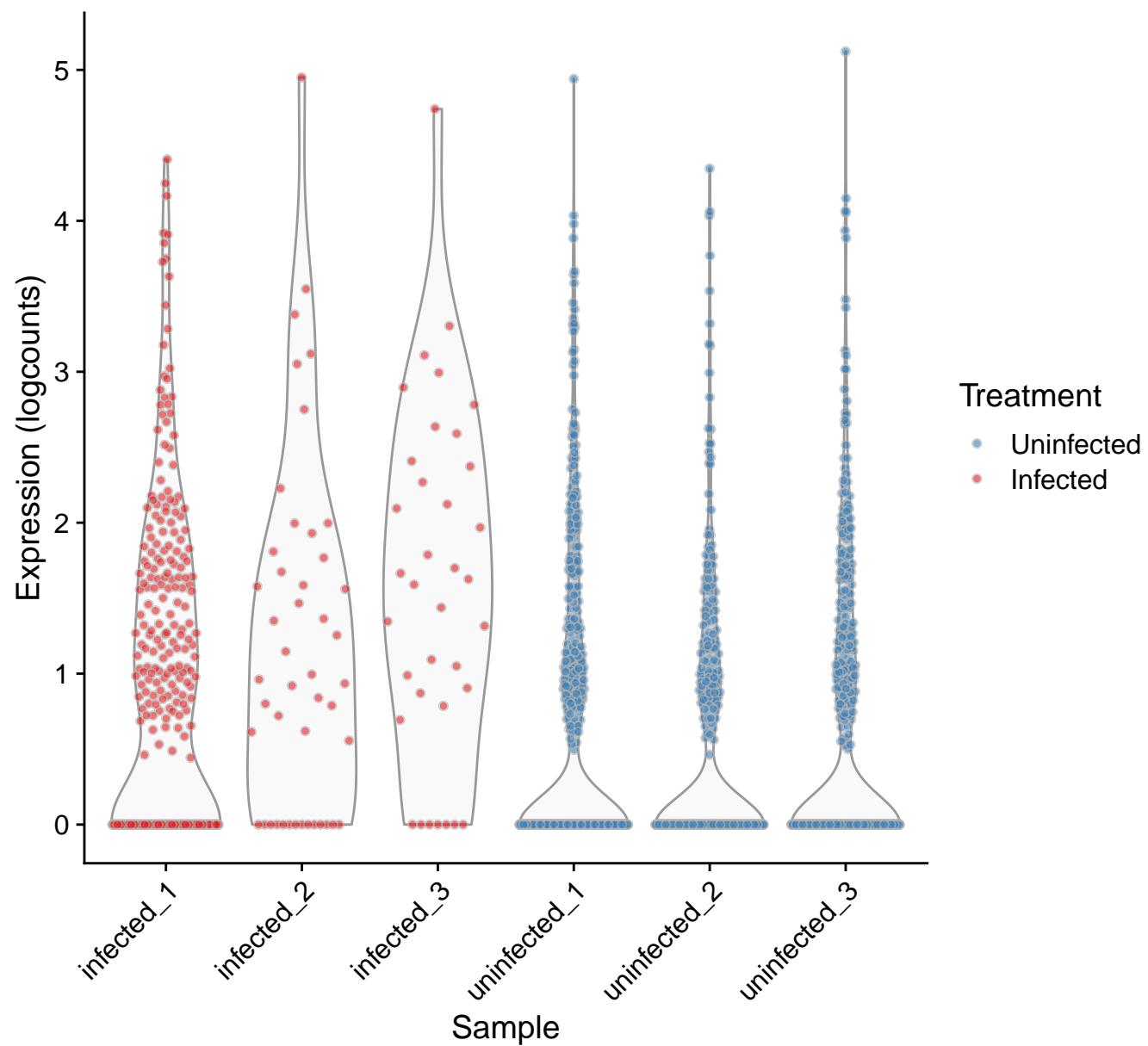
cluster\_6

Expression (logcounts)



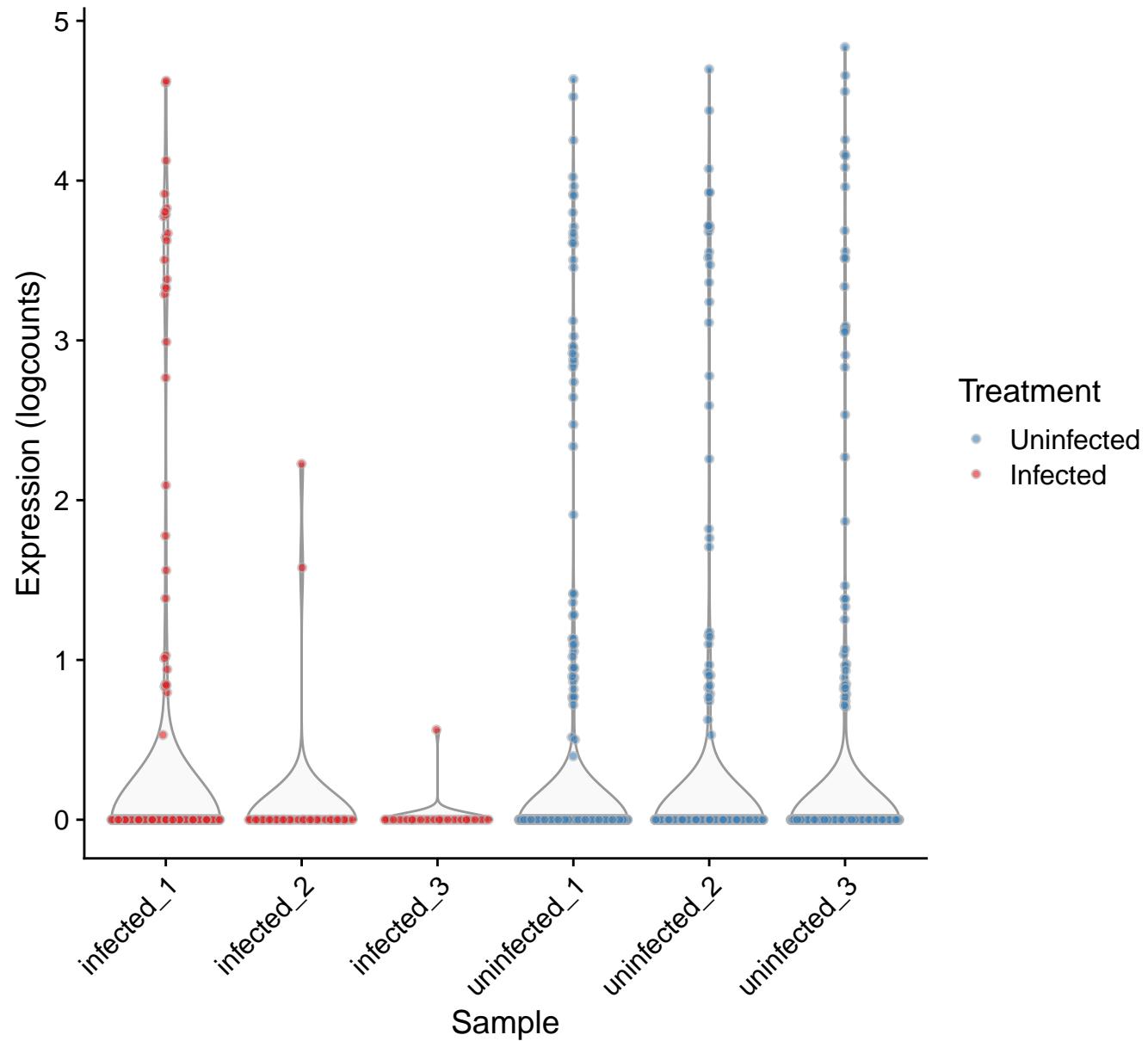
# TNFRSF4 (FDR = 0.02)

cluster\_6



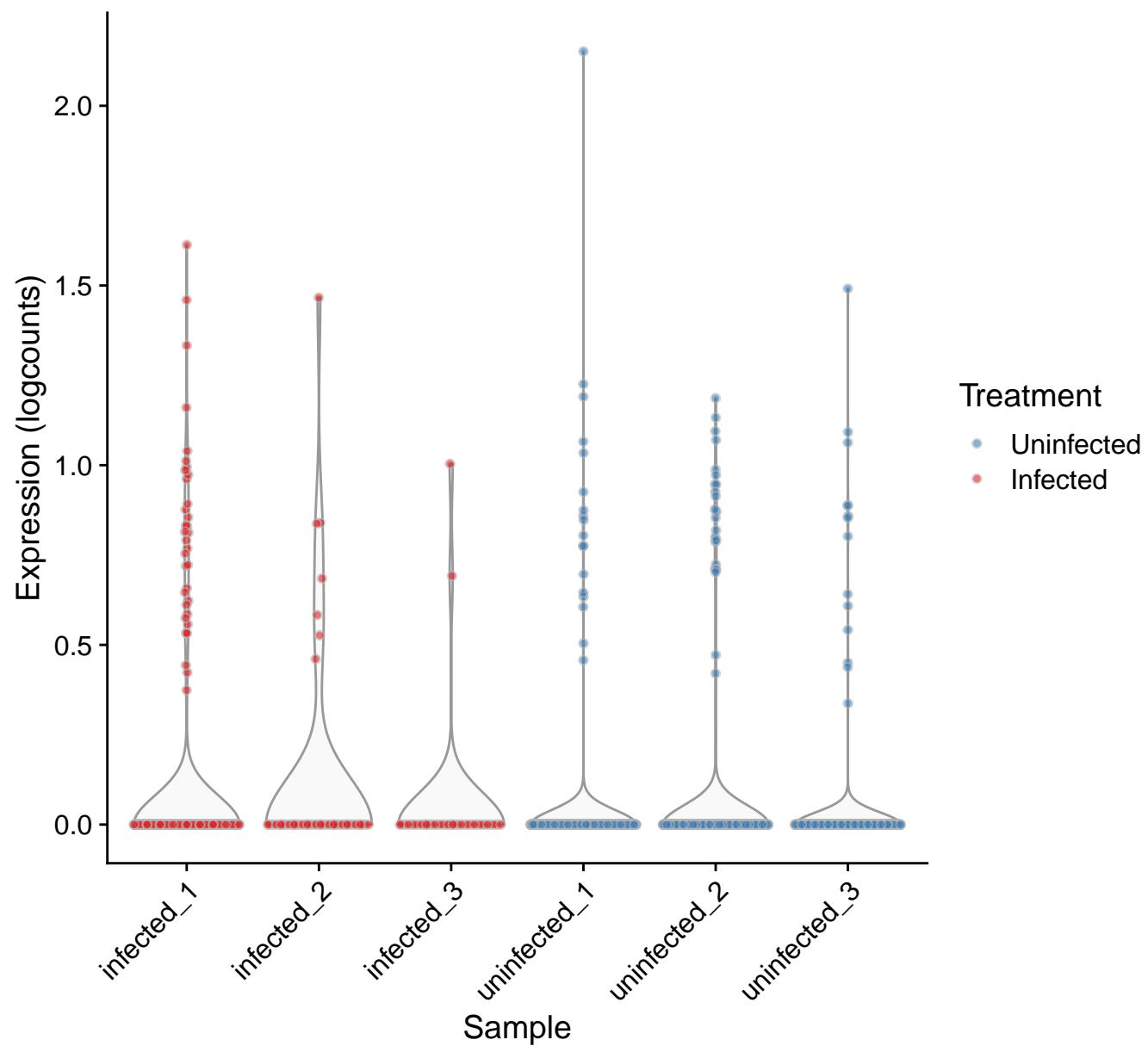
## TRAV17 (FDR = 0.02)

## cluster\_6



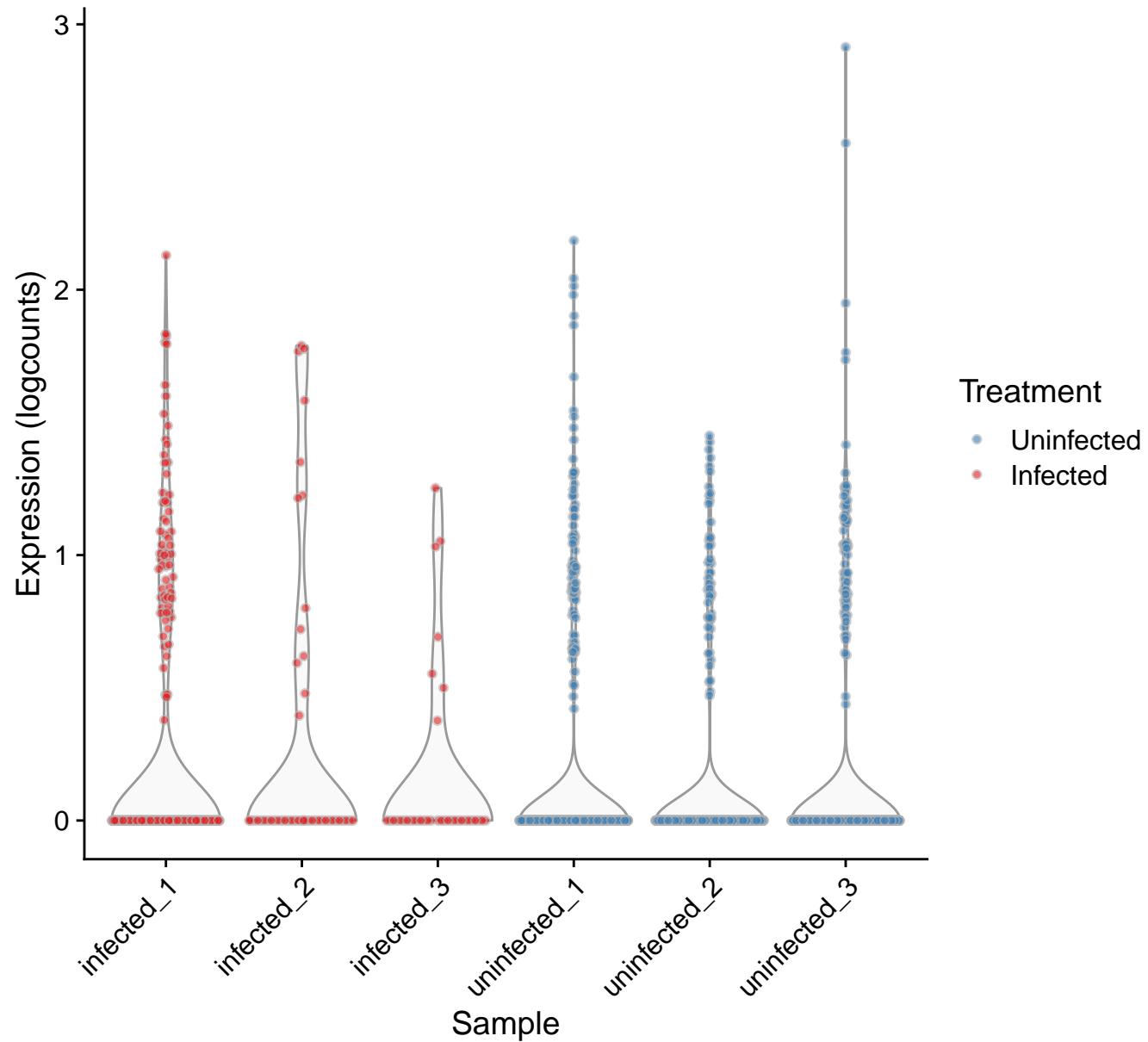
# TIAM2 (FDR = 0.03)

cluster\_6



# MAP1LC3A (FDR = 0.03)

cluster\_6



# RNF214 (FDR = 0.03)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

30

15

10

5

2

1

0.5

0.2

0.1

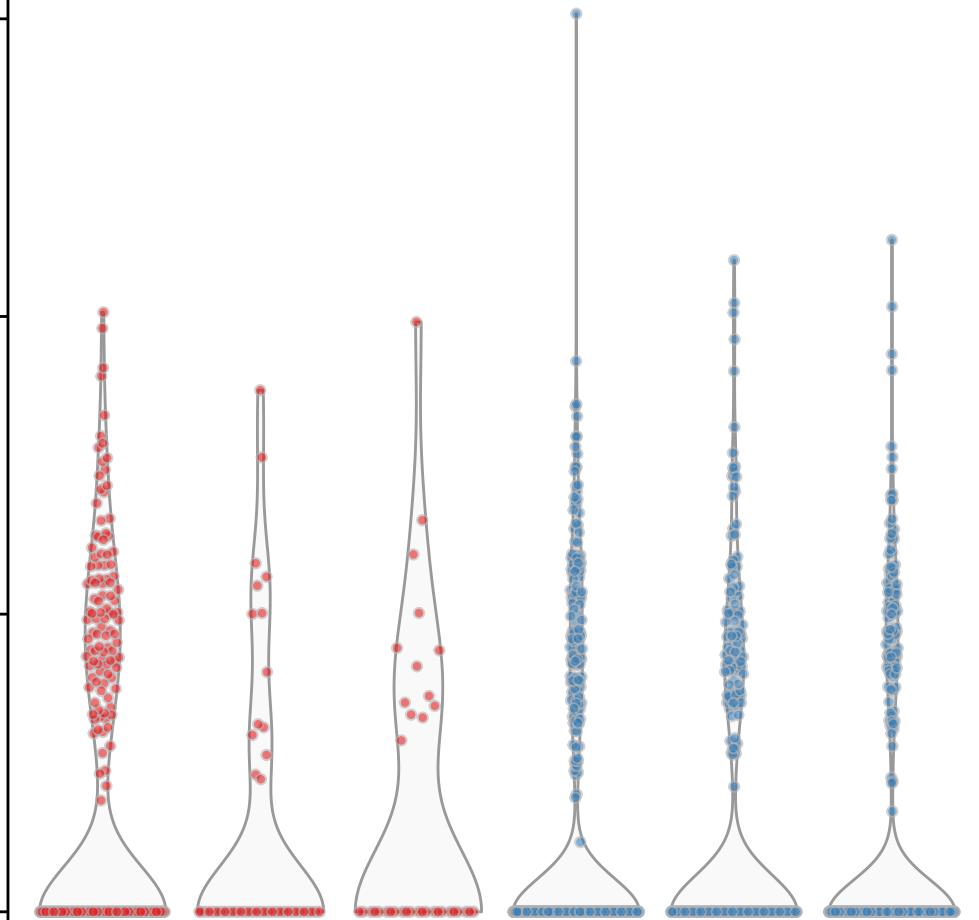
0.05

0.02

0.01

Treatment

- Uninfected
- Infected



# HAPLN3 (FDR = 0.03)

cluster\_6

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

# **SOX4 (FDR = 0.03)**

cluster\_6

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

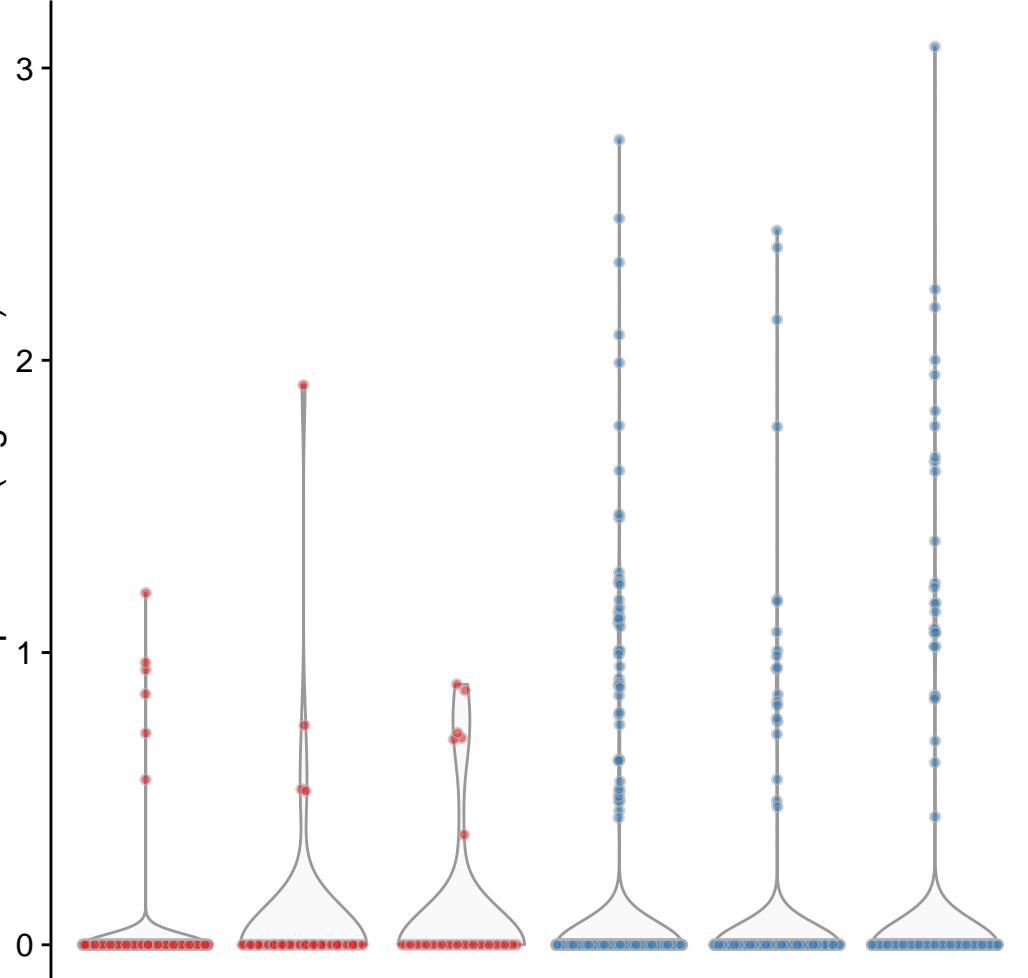
infected\_3

uninfected\_1

uninfected\_2

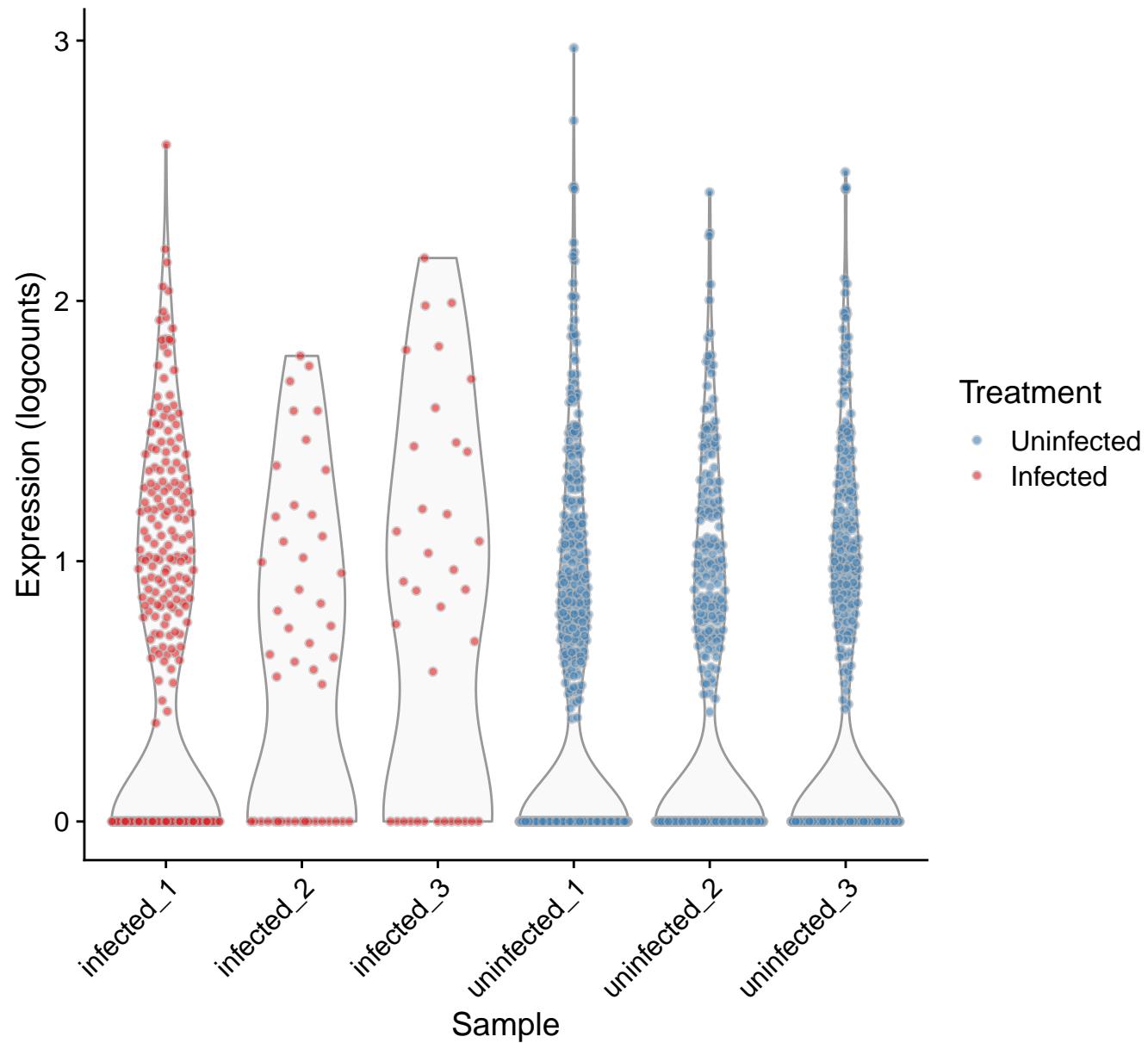
uninfected\_3

Sample



# SP140 (FDR = 0.03)

cluster\_6



# OASL (FDR = 0.03)

cluster\_6

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

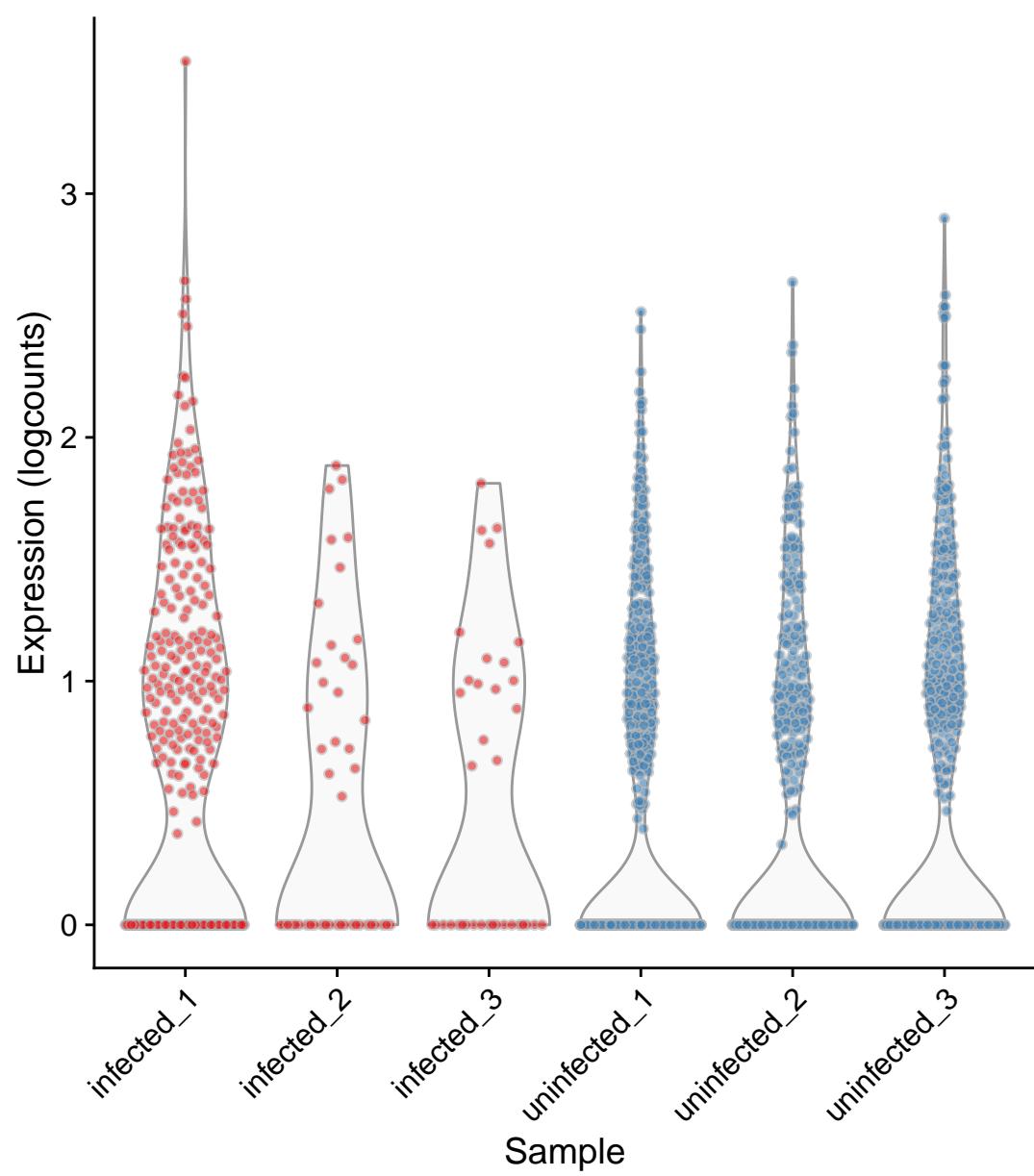
uninfected\_2

uninfected\_3

Sample

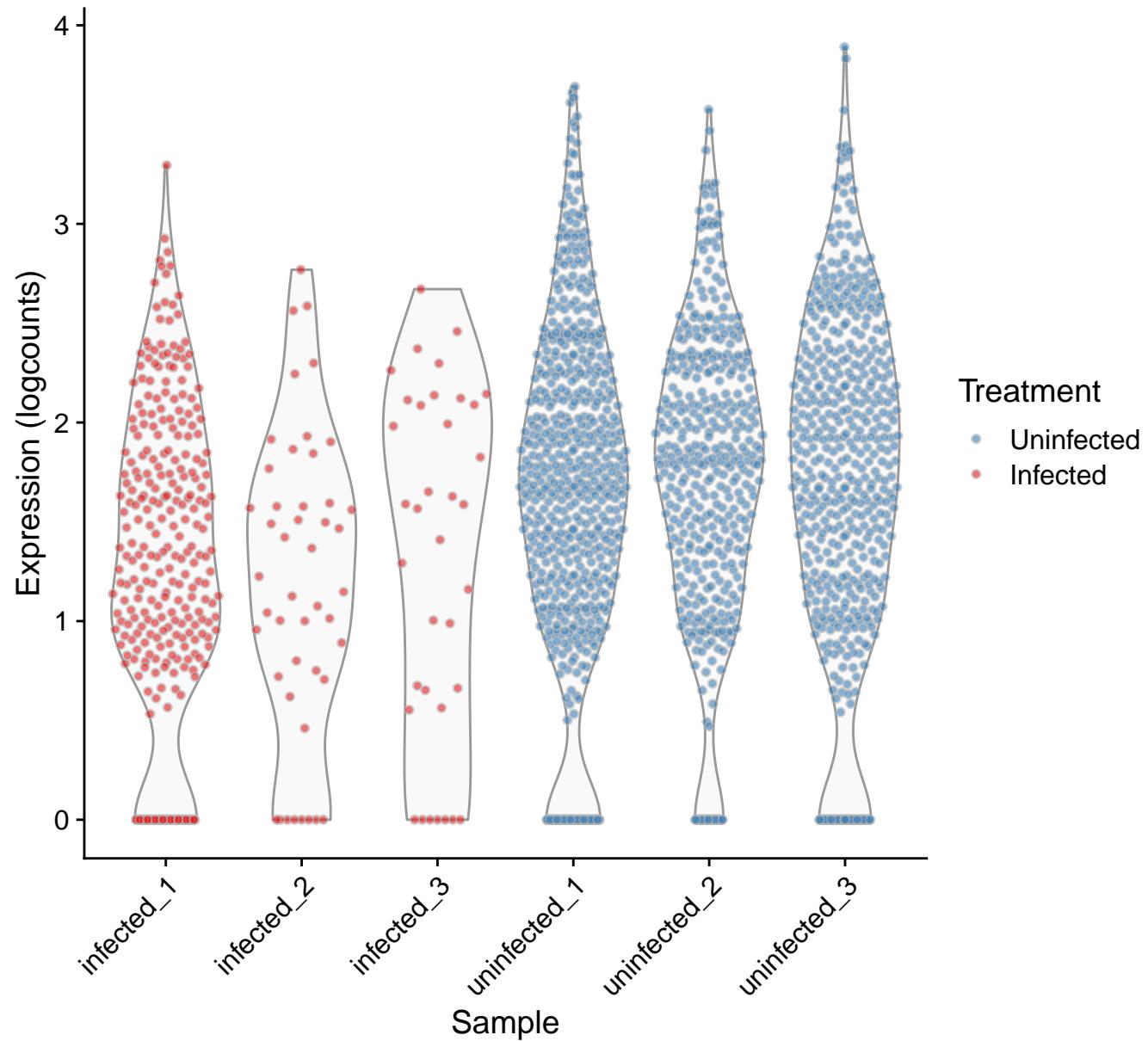
Treatment

- Uninfected
- Infected



# STK17B (FDR = 0.03)

cluster\_6



# TBXAS1 (FDR = 0.04)

cluster\_6

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3

cluster\_6

# NUGGC (FDR = 0.04)

cluster\_6

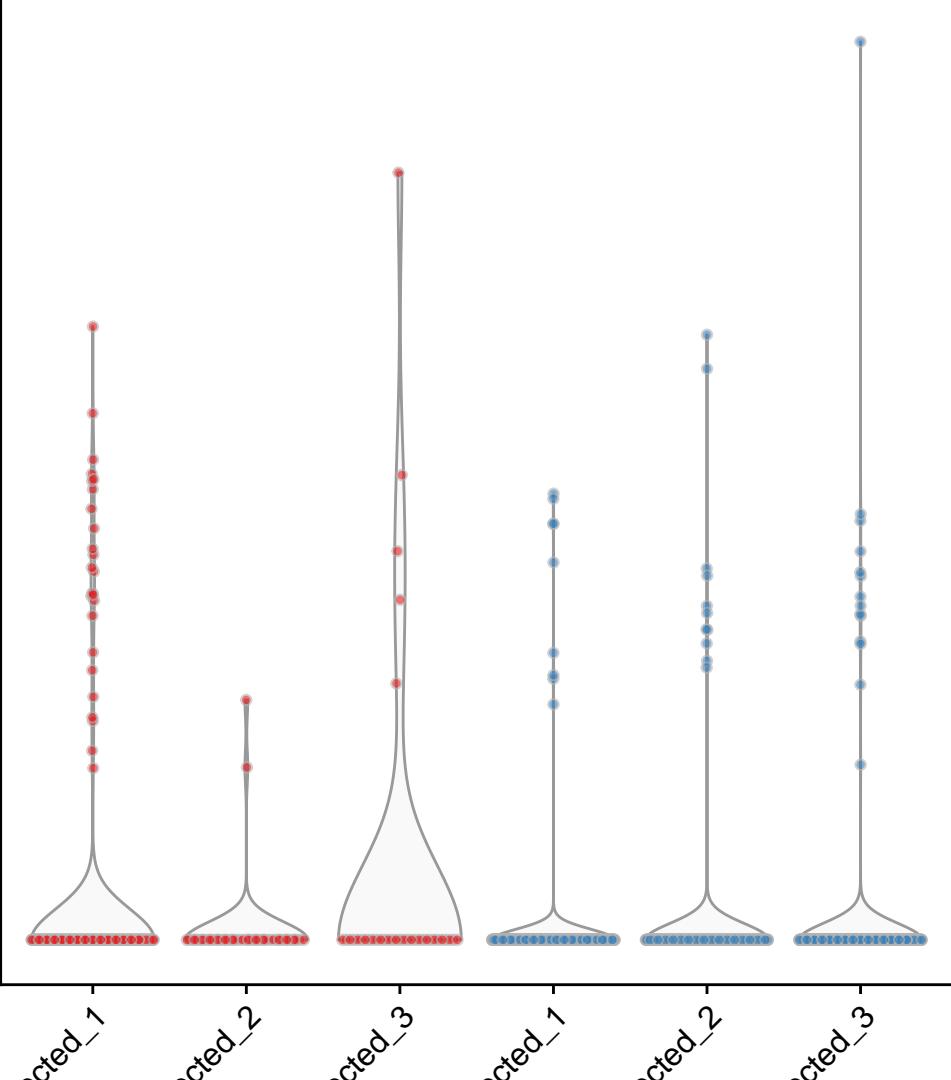
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

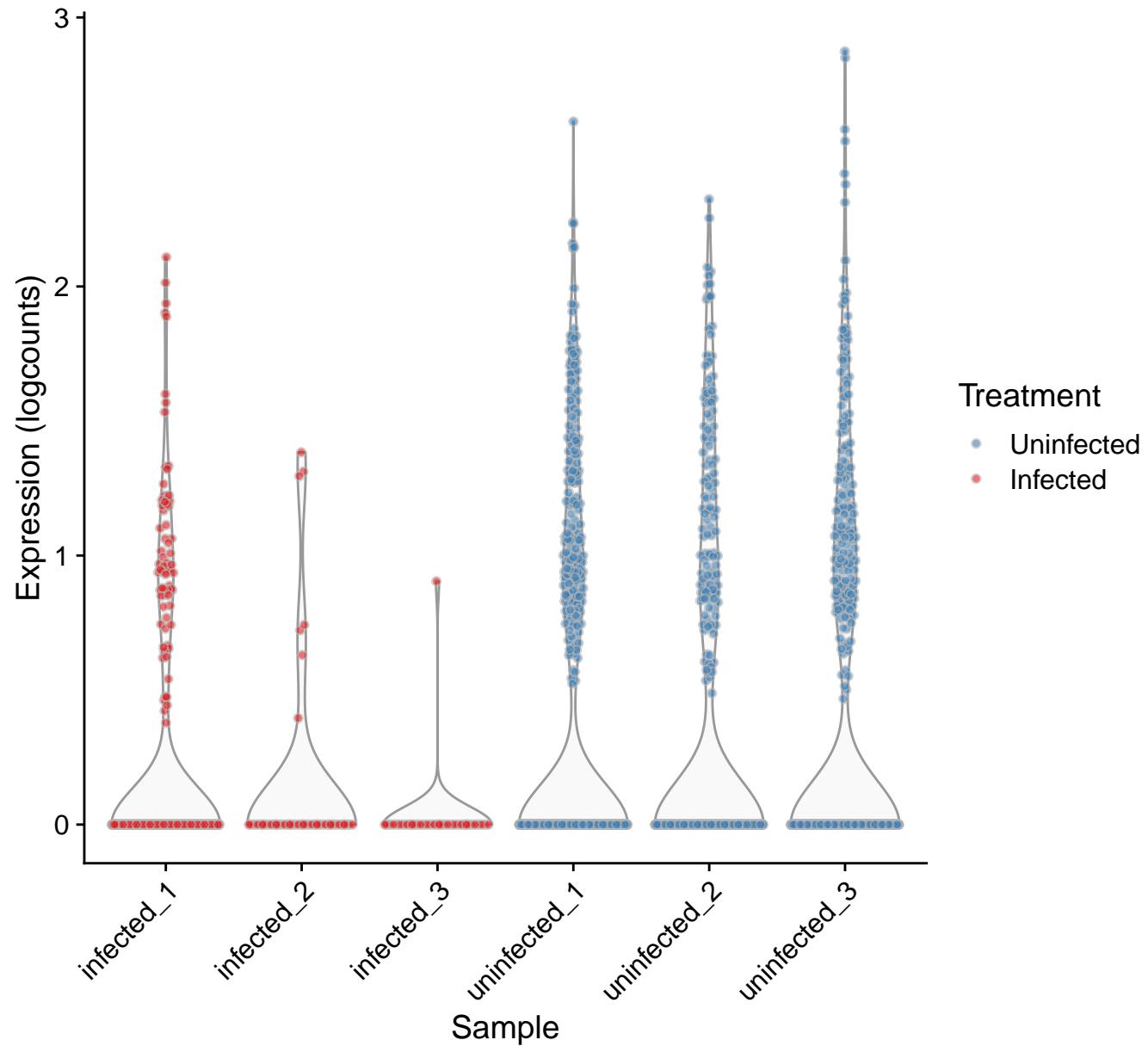
Sample

Treatment  
Uninfected  
Infected



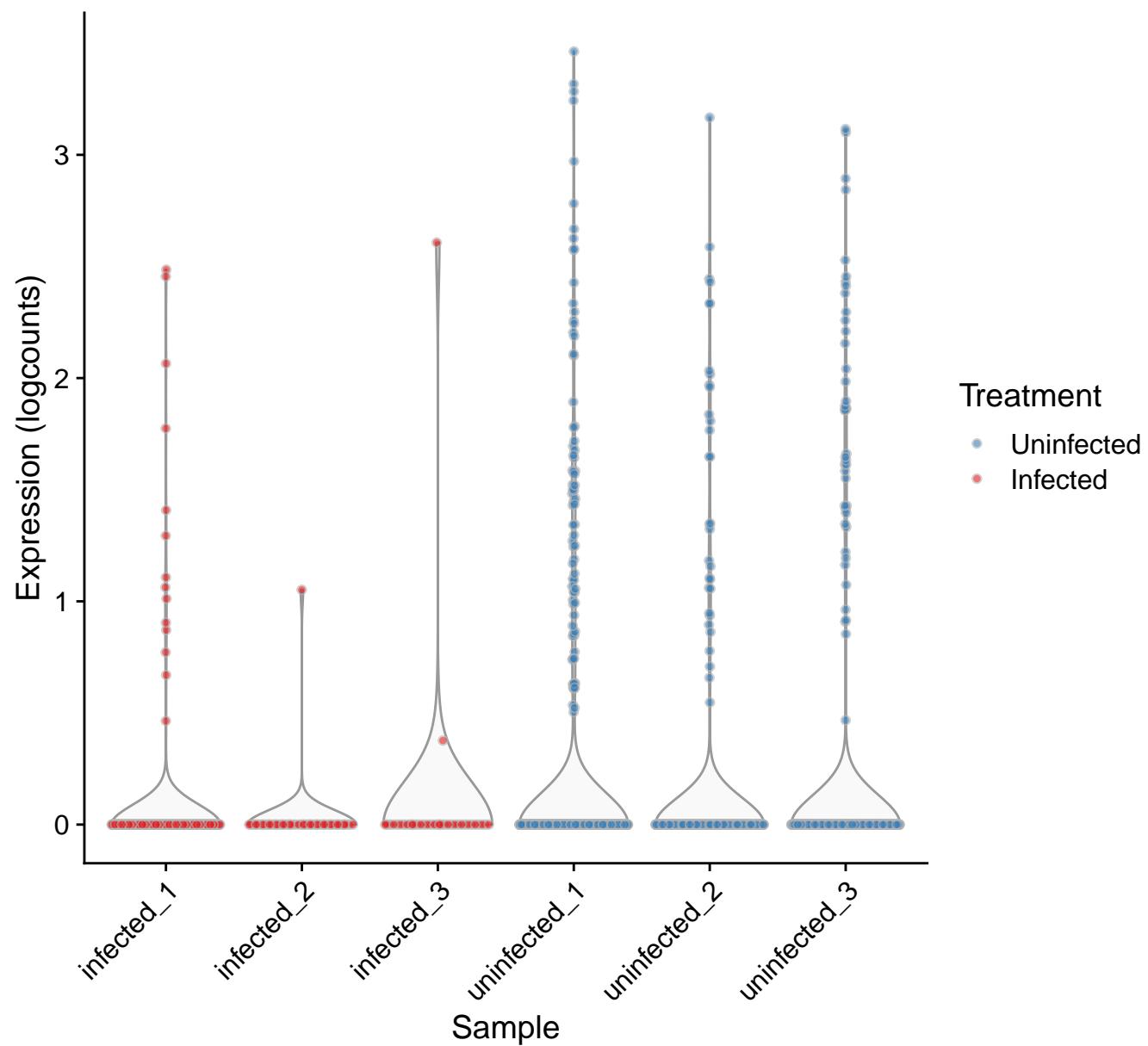
# SUSD4 (FDR = 0.04)

cluster\_6



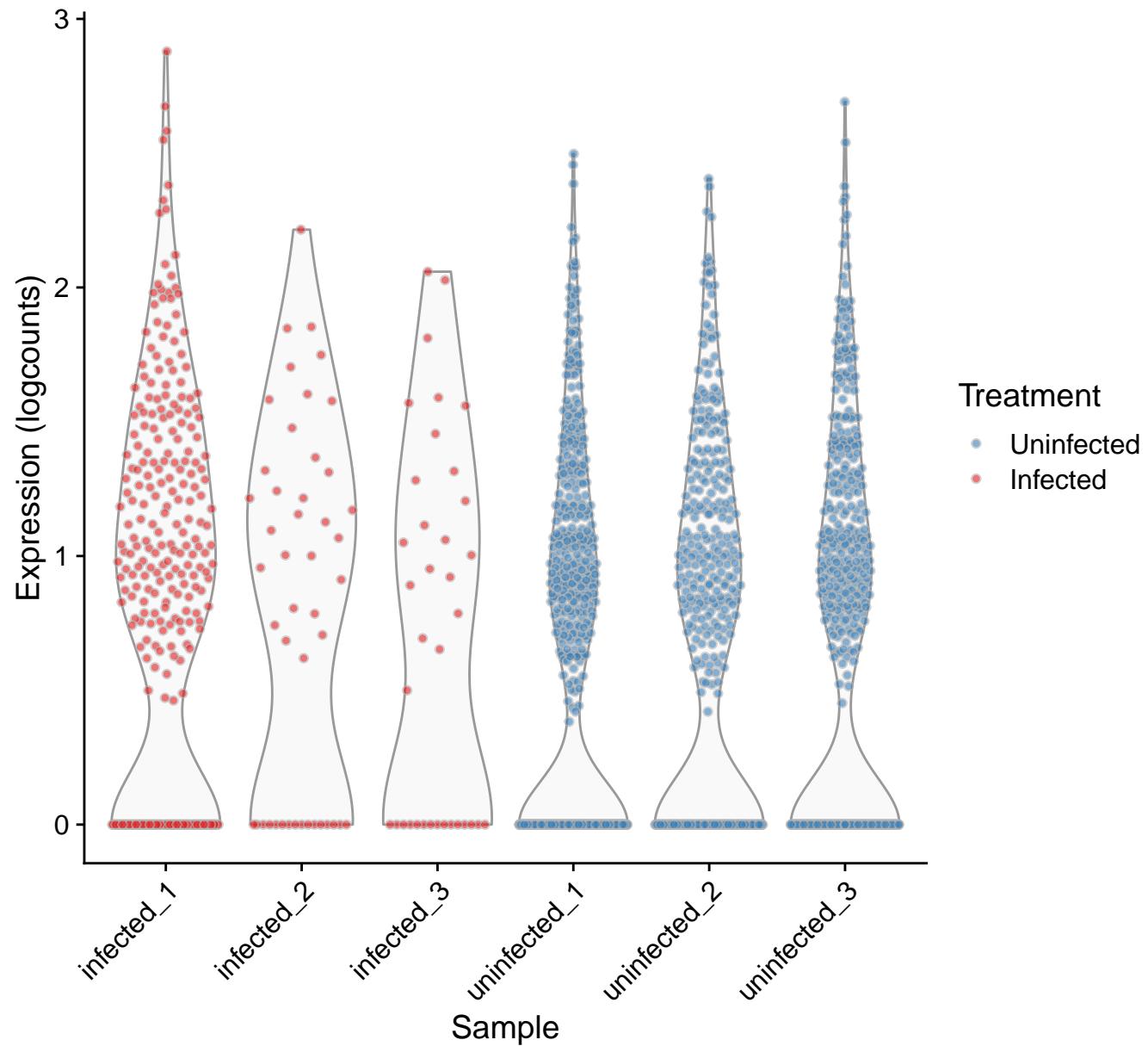
# GPR25 (FDR = 0.04)

cluster\_6



# MFSD10 (FDR = 0.04)

cluster\_6



# **PSMB9 (FDR = 0.04)**

cluster\_6

Expression (logcounts)

4

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

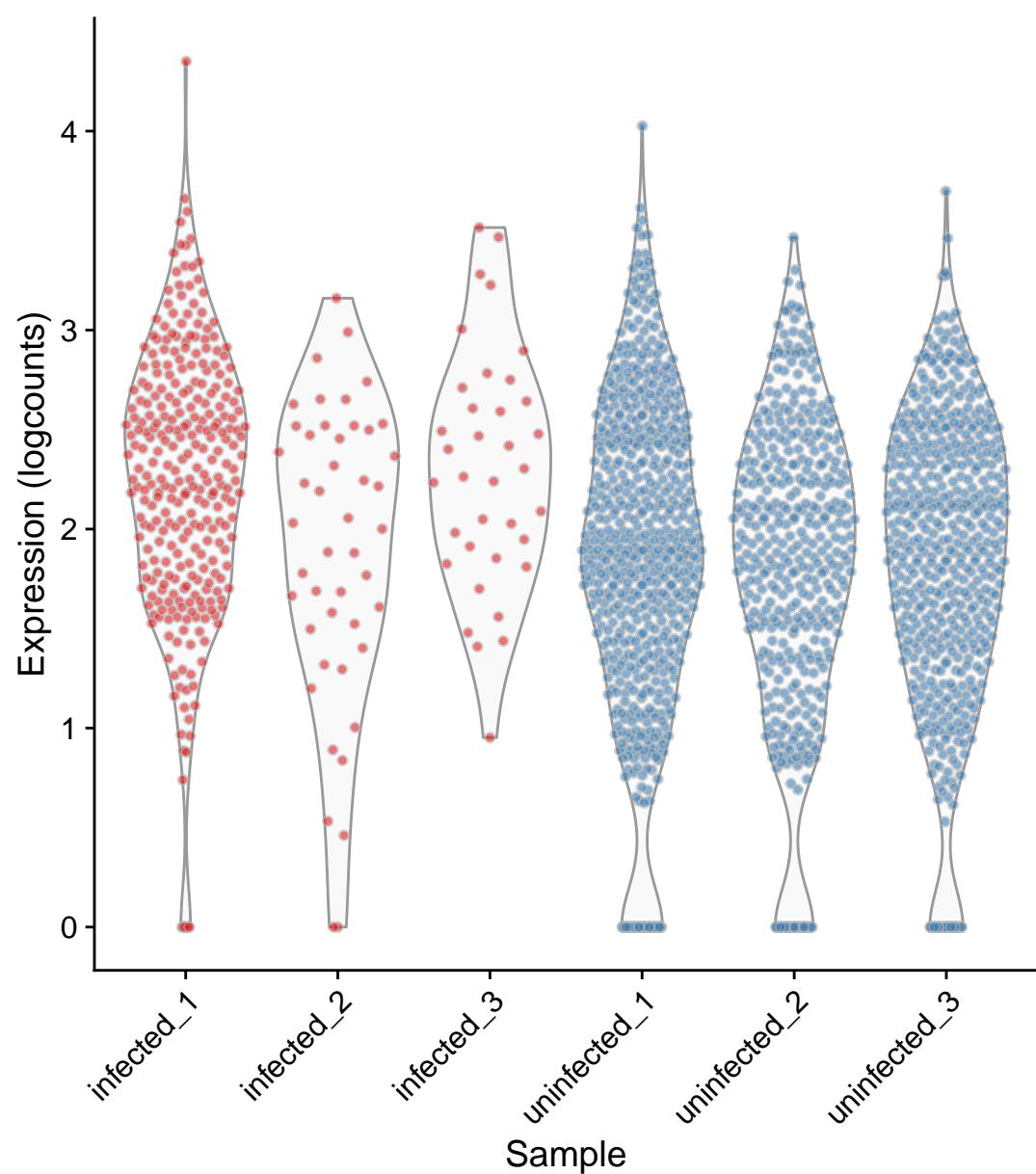
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# TGIF1 (FDR = 0.05)

cluster\_6

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

2.5

2.0

1.5

1.0

0.5

0.0

1.7

1.5

1.3

1.1

0.9

0.7

1.5

1.3

1.1

0.9

0.7

0.5

1.7

1.5

1.3

1.1

0.9

0.7

1.5

1.3

1.1

0.9

0.7

0.5

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

1.7

1.5

1.3

1.1

0.9

0.7

# TCEA3 (FDR = 0.05)

cluster\_6

