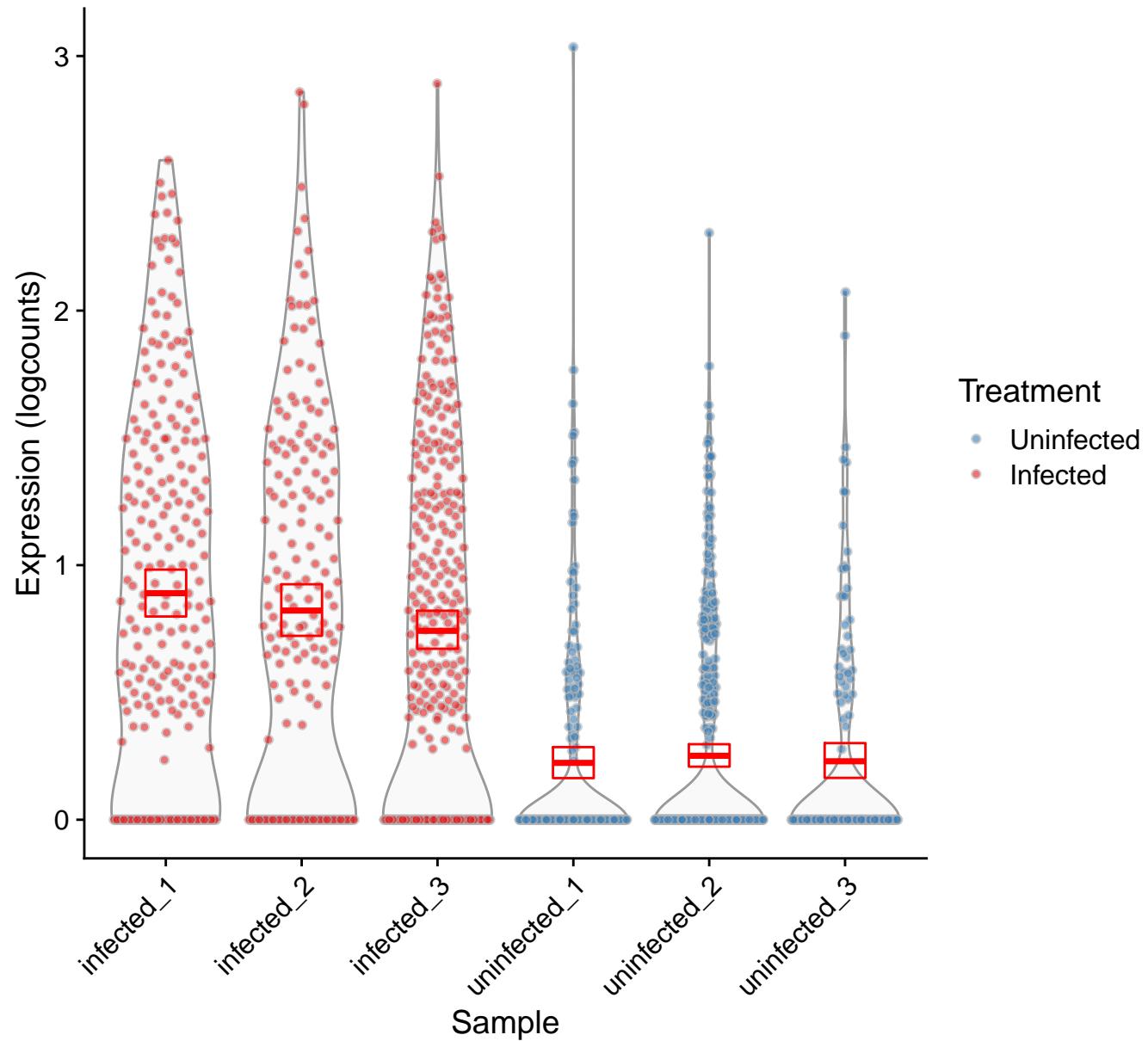


# GLUL (FDR = 3e-06)

cluster\_7



# APBA2 (FDR = 5e-05)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

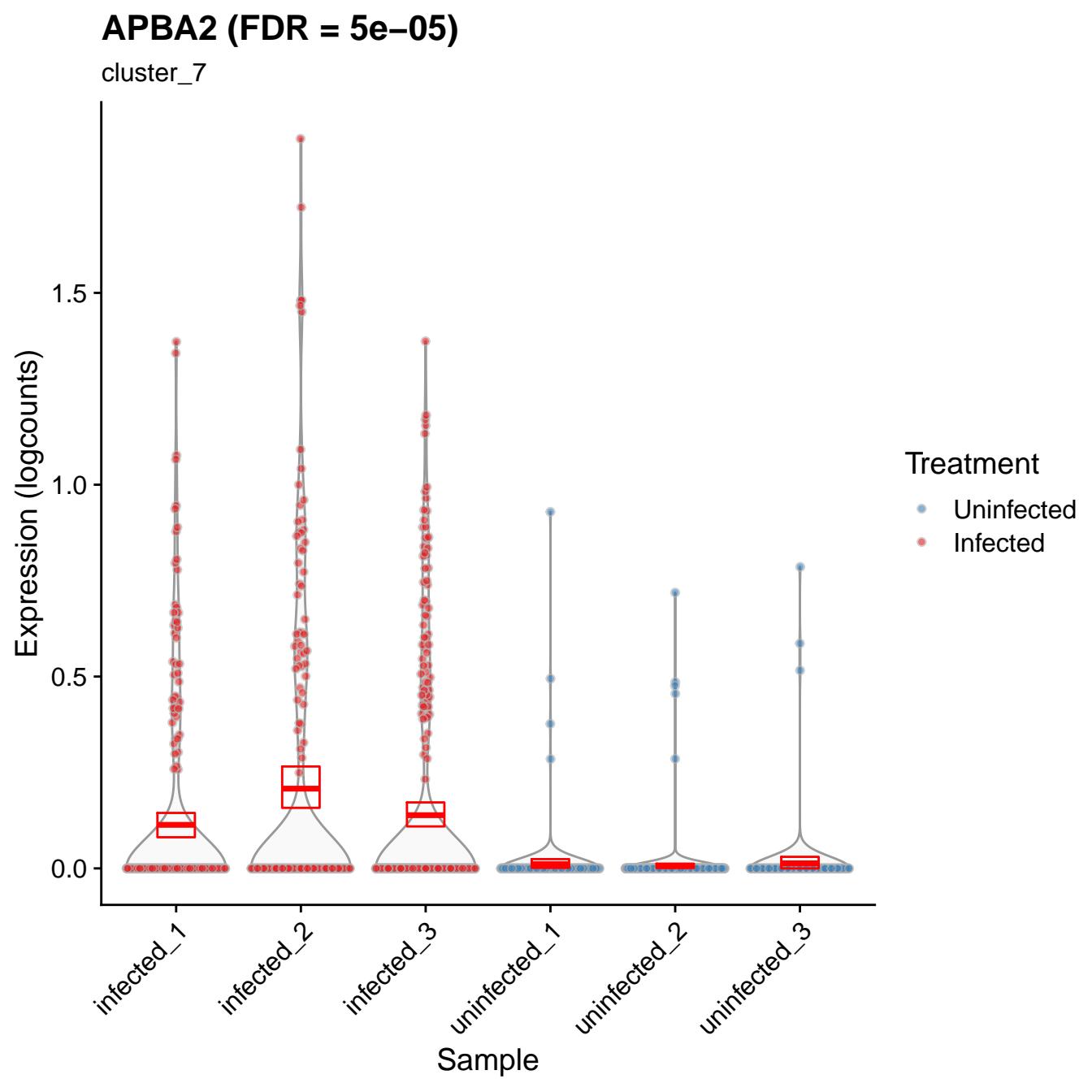
infected\_3

Sample

uninfected\_1

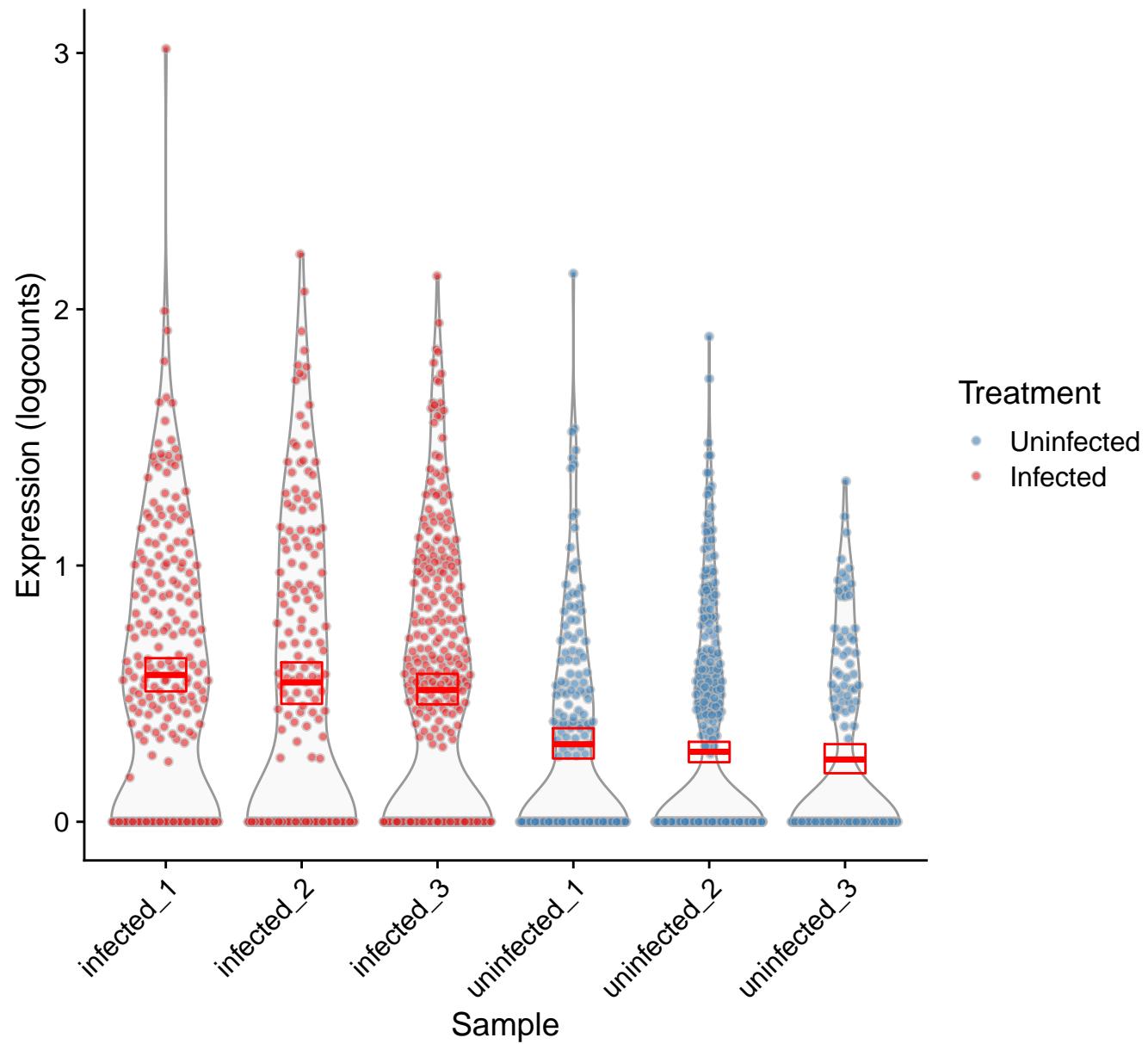
uninfected\_2

uninfected\_3



# XBP1 (FDR = 1e-04)

cluster\_7



# KIAA1324 (FDR = 1e-04)

cluster\_7

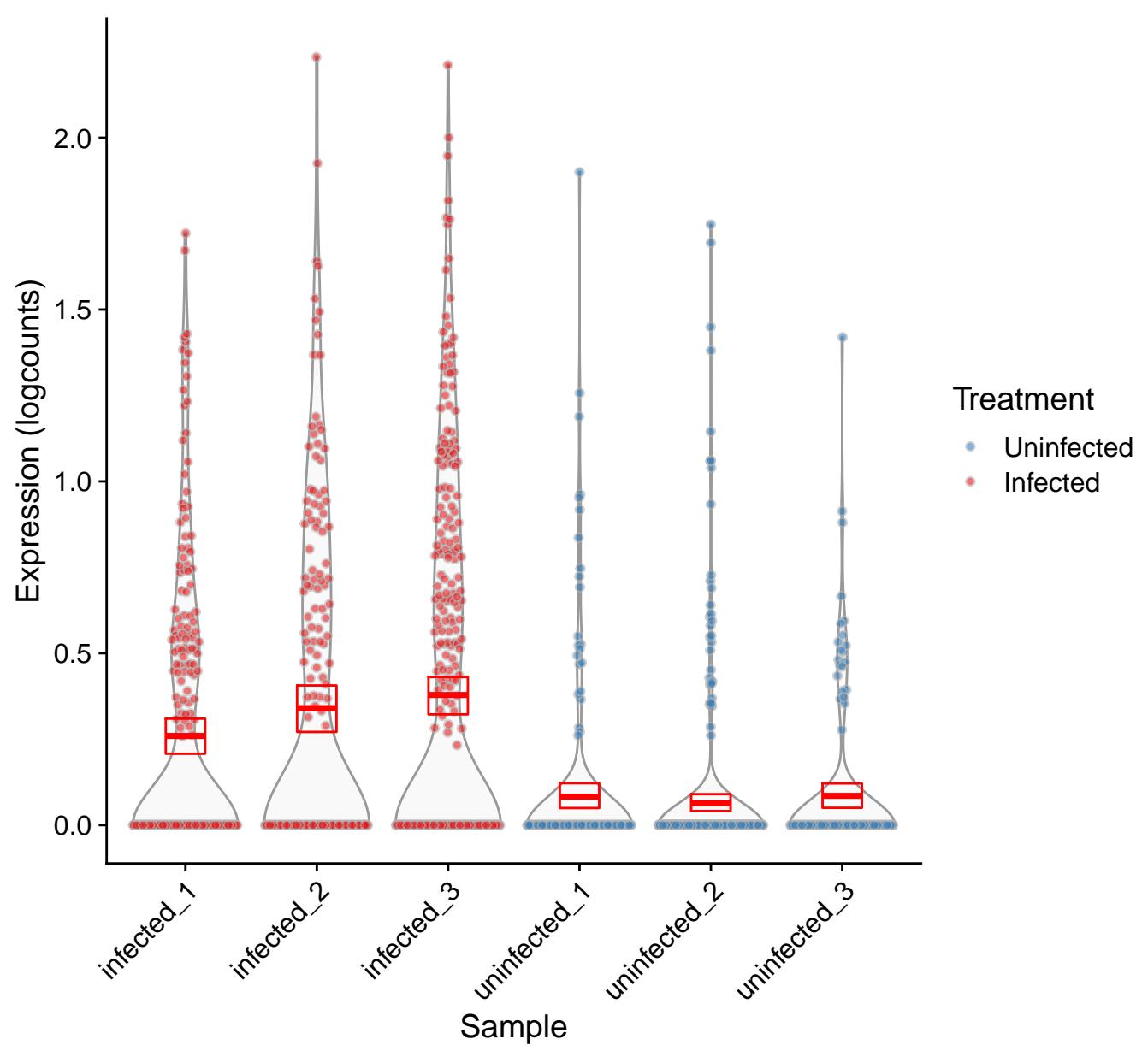
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

Sample

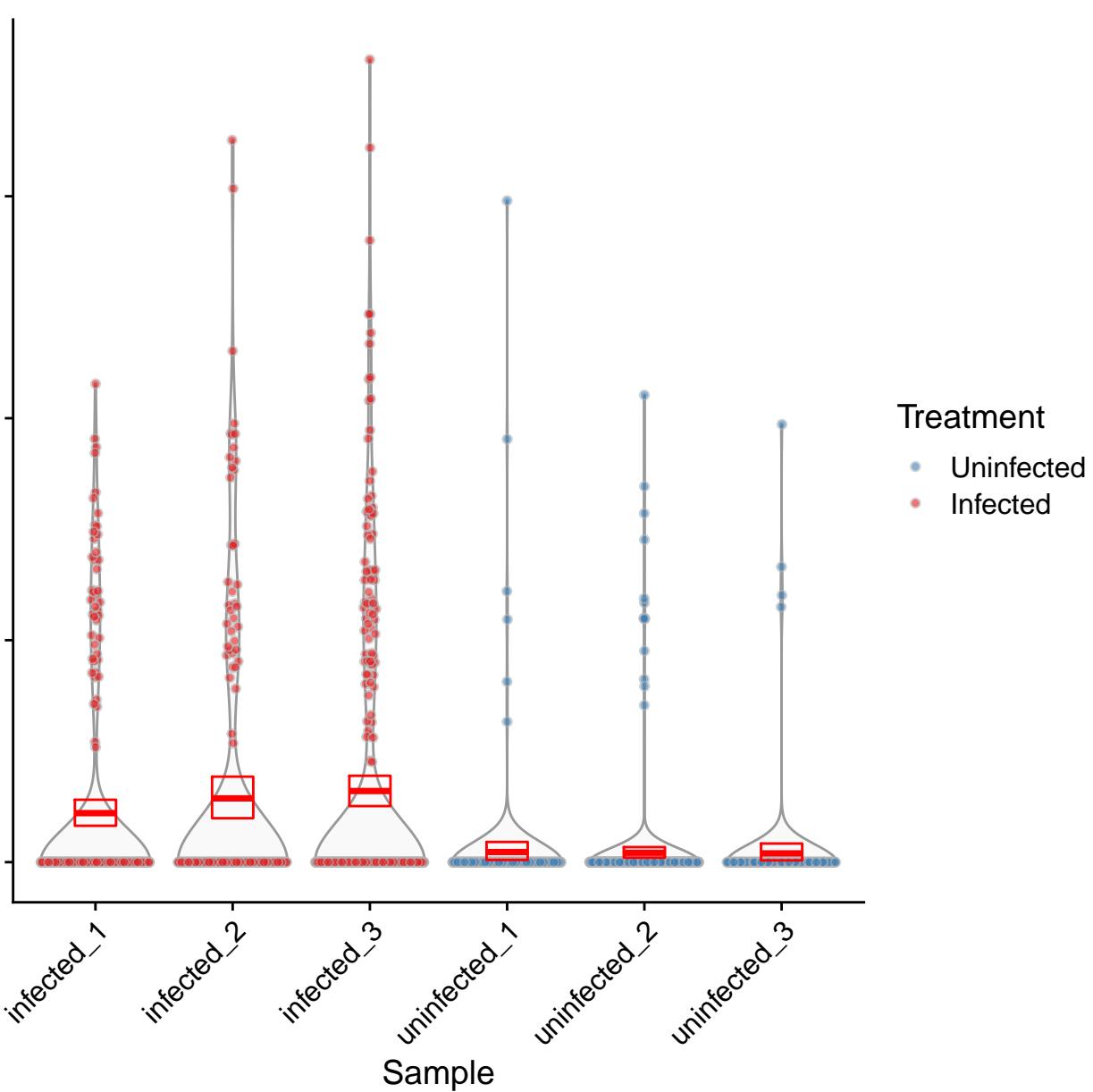
Treatment  
Uninfected  
Infected



# GLB1L2 (FDR = 1e-04)

cluster\_7

Expression (logcounts)



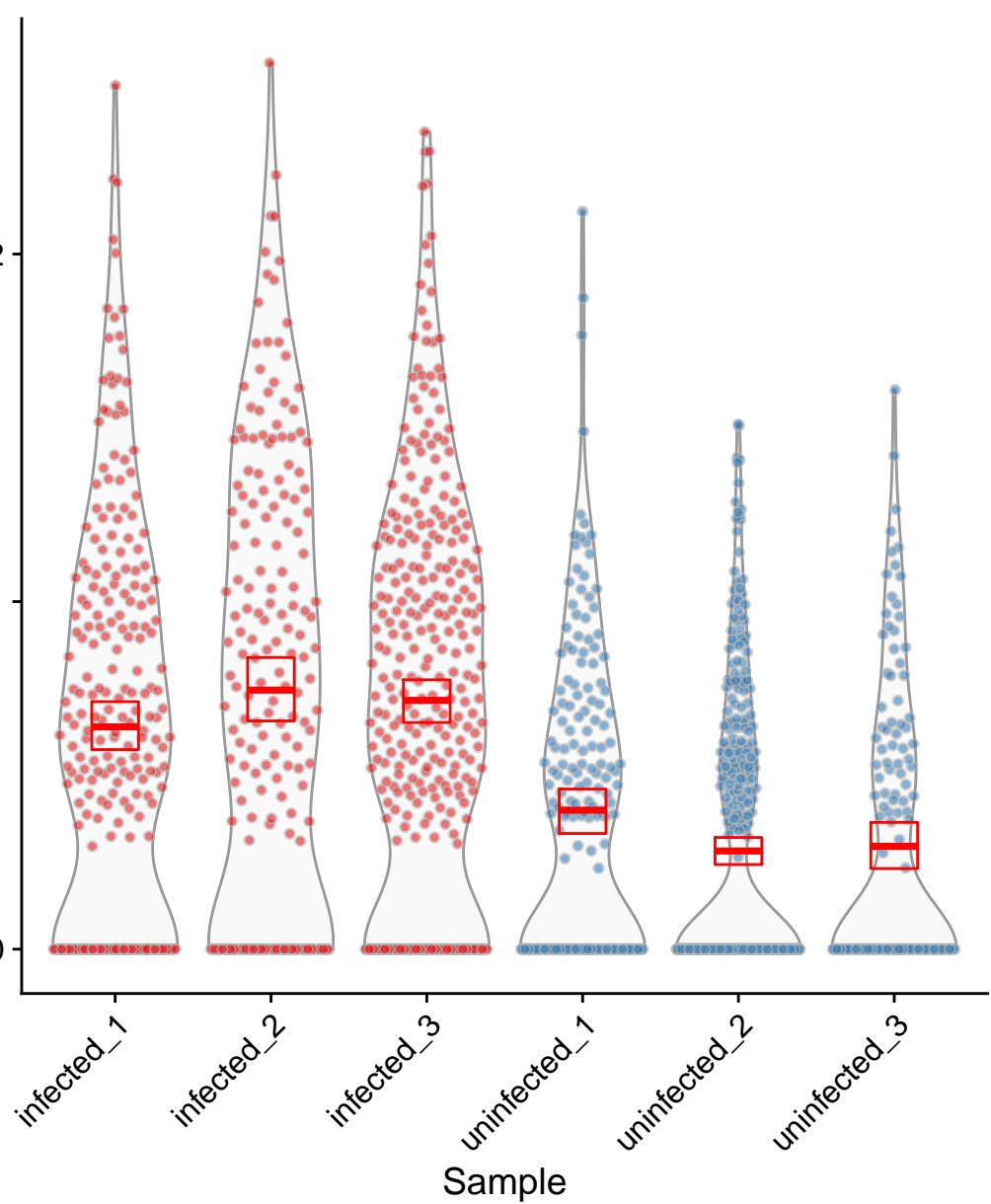
# **SLC25A46 (FDR = 1e-04)**

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected



# COCH (FDR = 1e-04)

cluster\_7

Expression (logcounts)

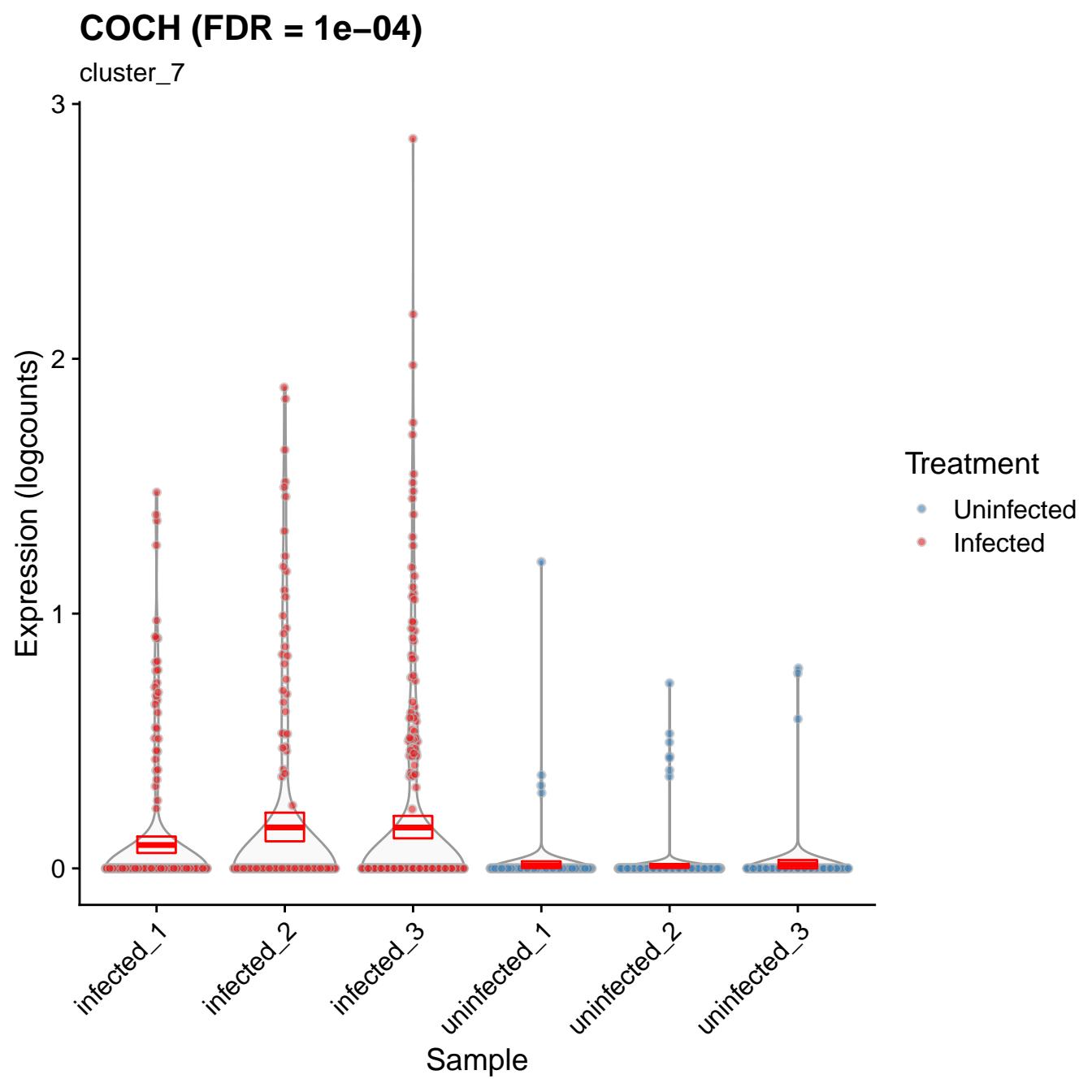
3  
2  
1  
0

Treatment

- Uninfected
- Infected

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

Sample



# FSCN1 (FDR = 1e-04)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

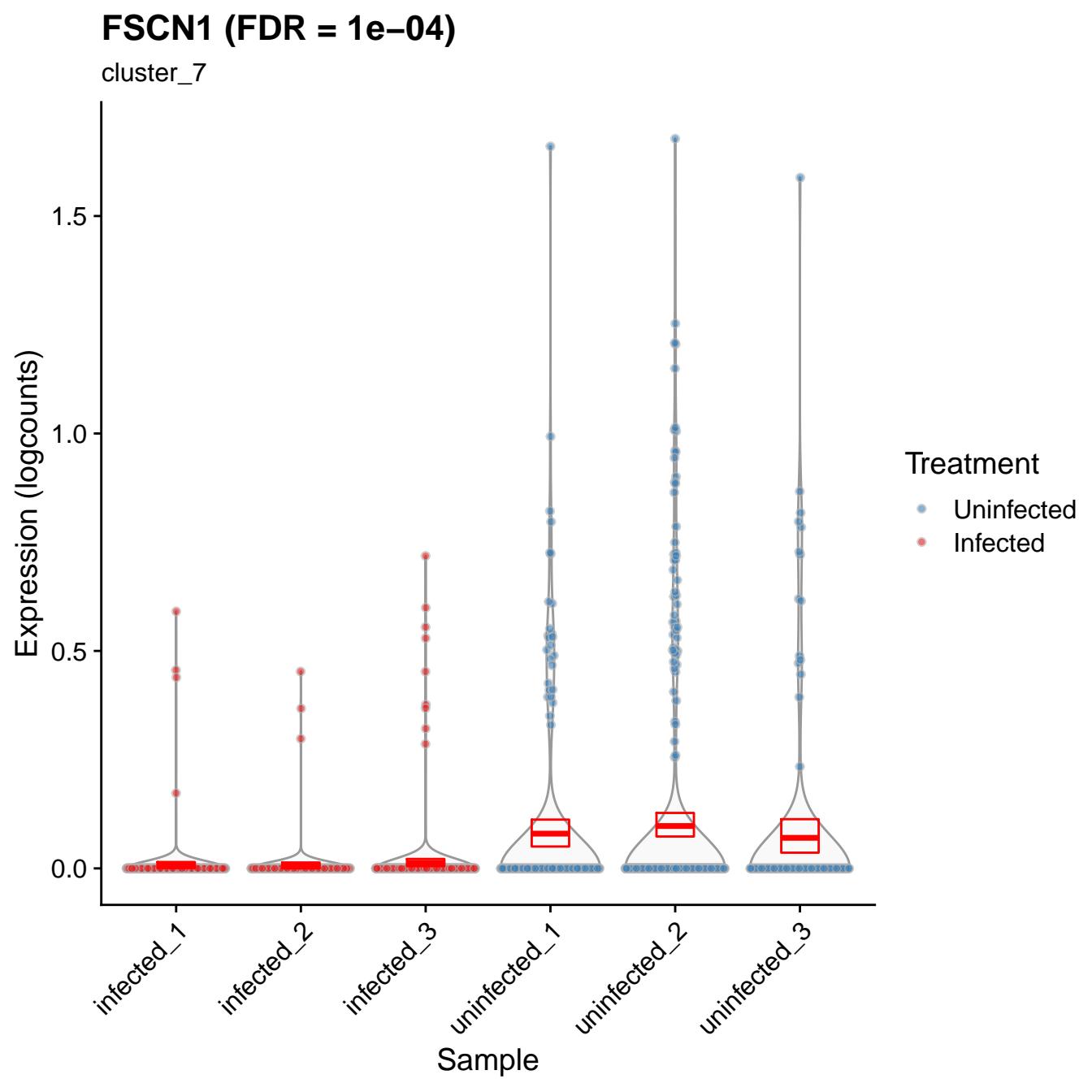
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ACSL6 (FDR = 2e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

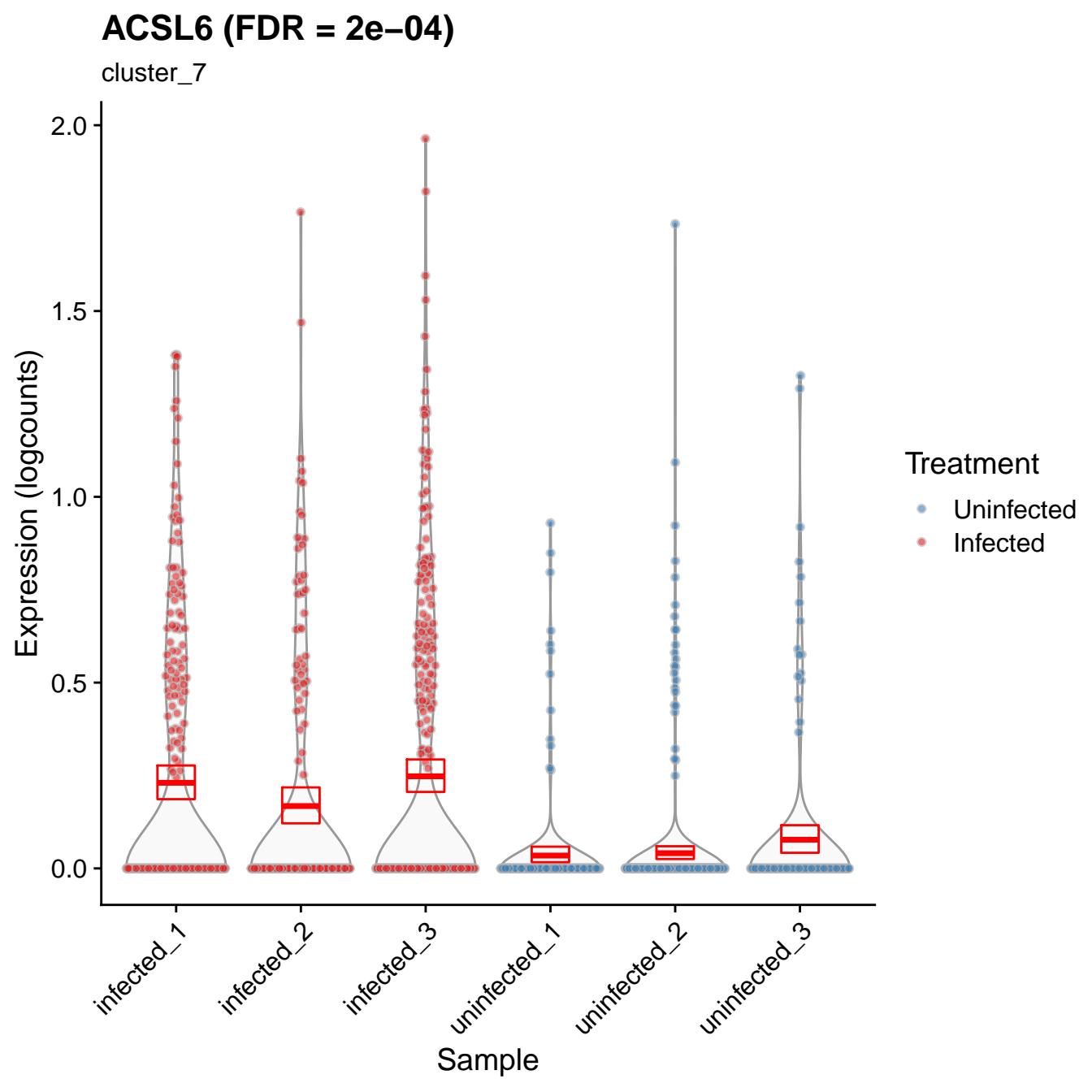
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CHST7 (FDR = 2e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

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

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

2.5

2.0

1.5

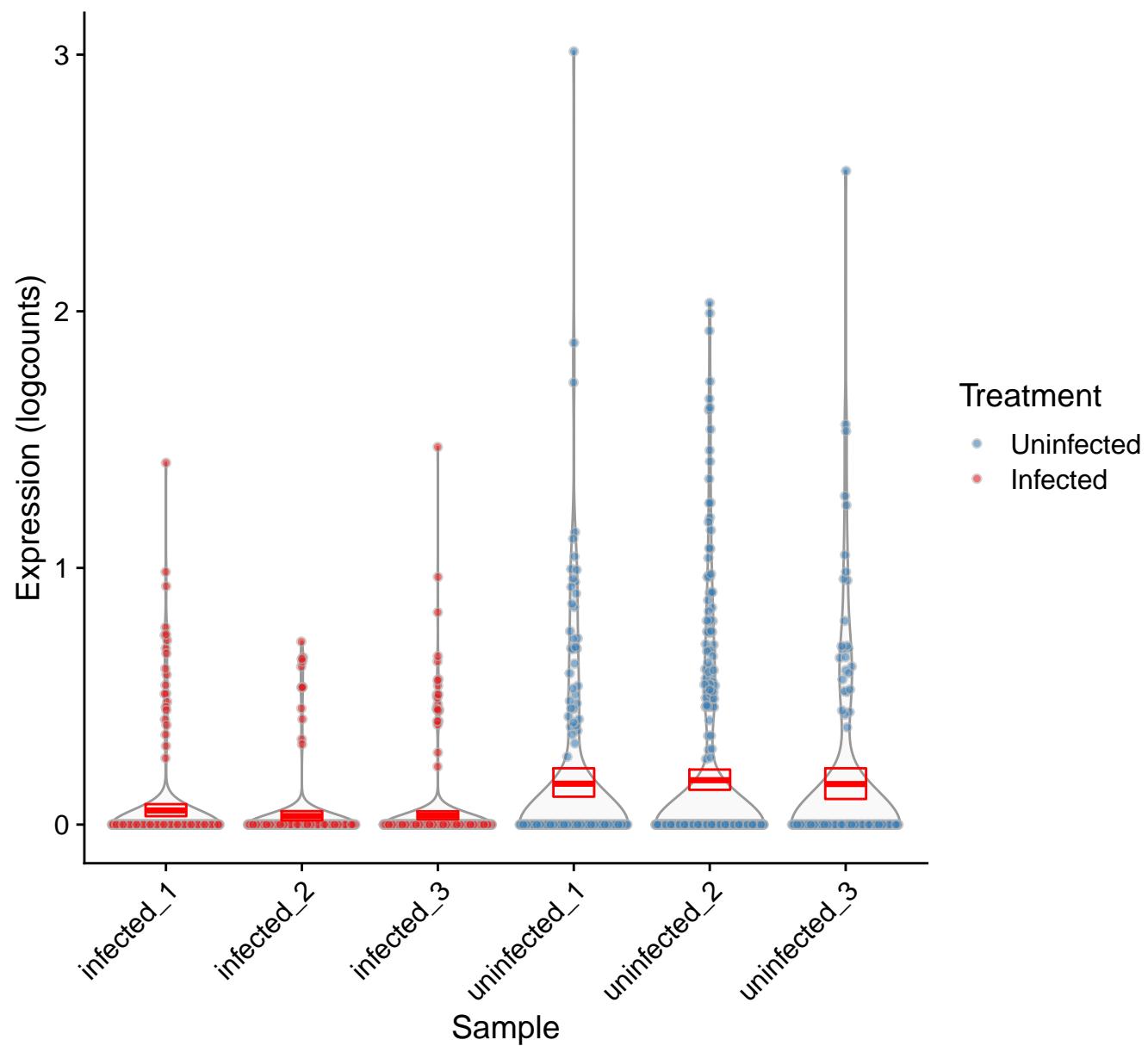
1.0

0.5

0.0

# CISH (FDR = 2e-04)

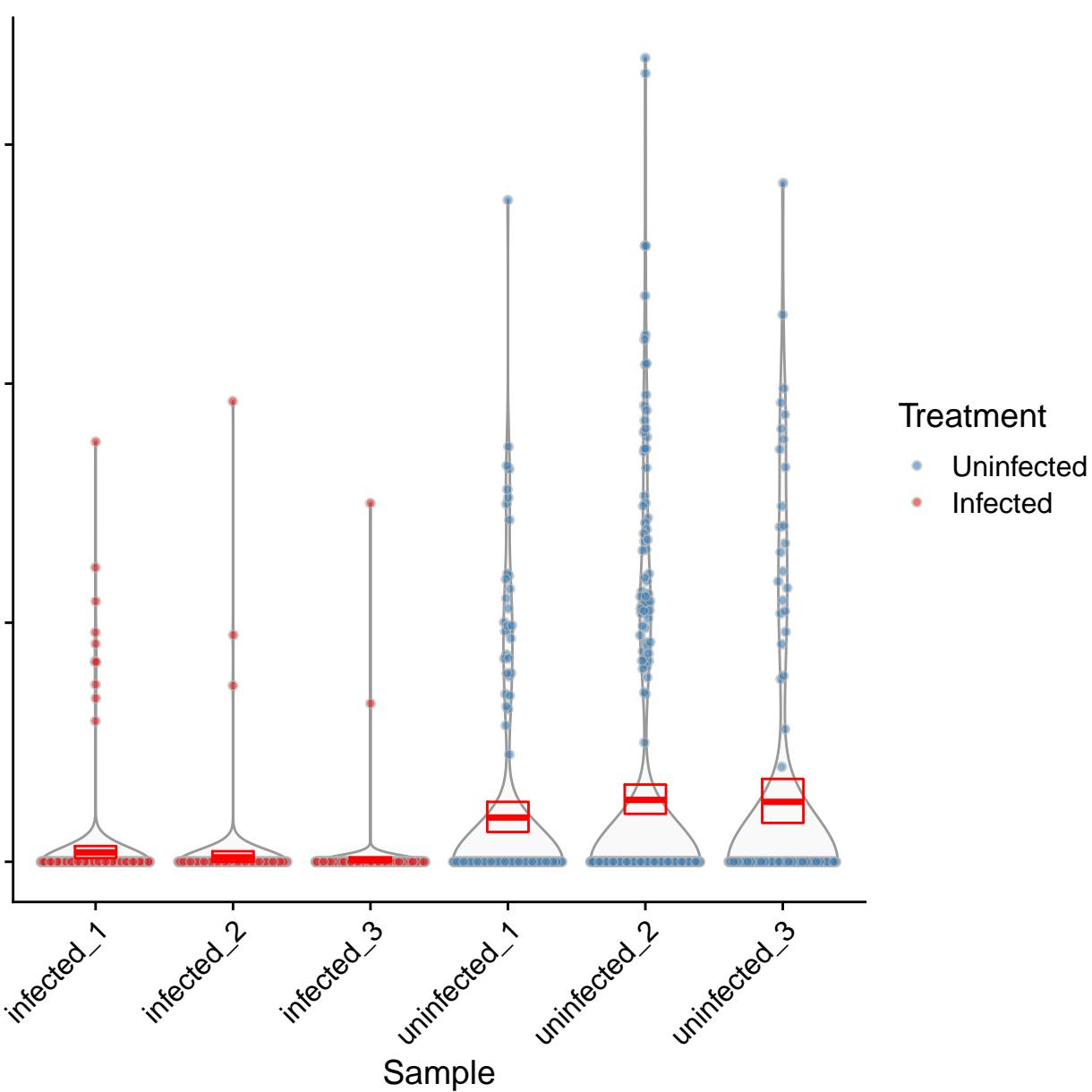
cluster\_7



# RASGRP4 (FDR = 2e-04)

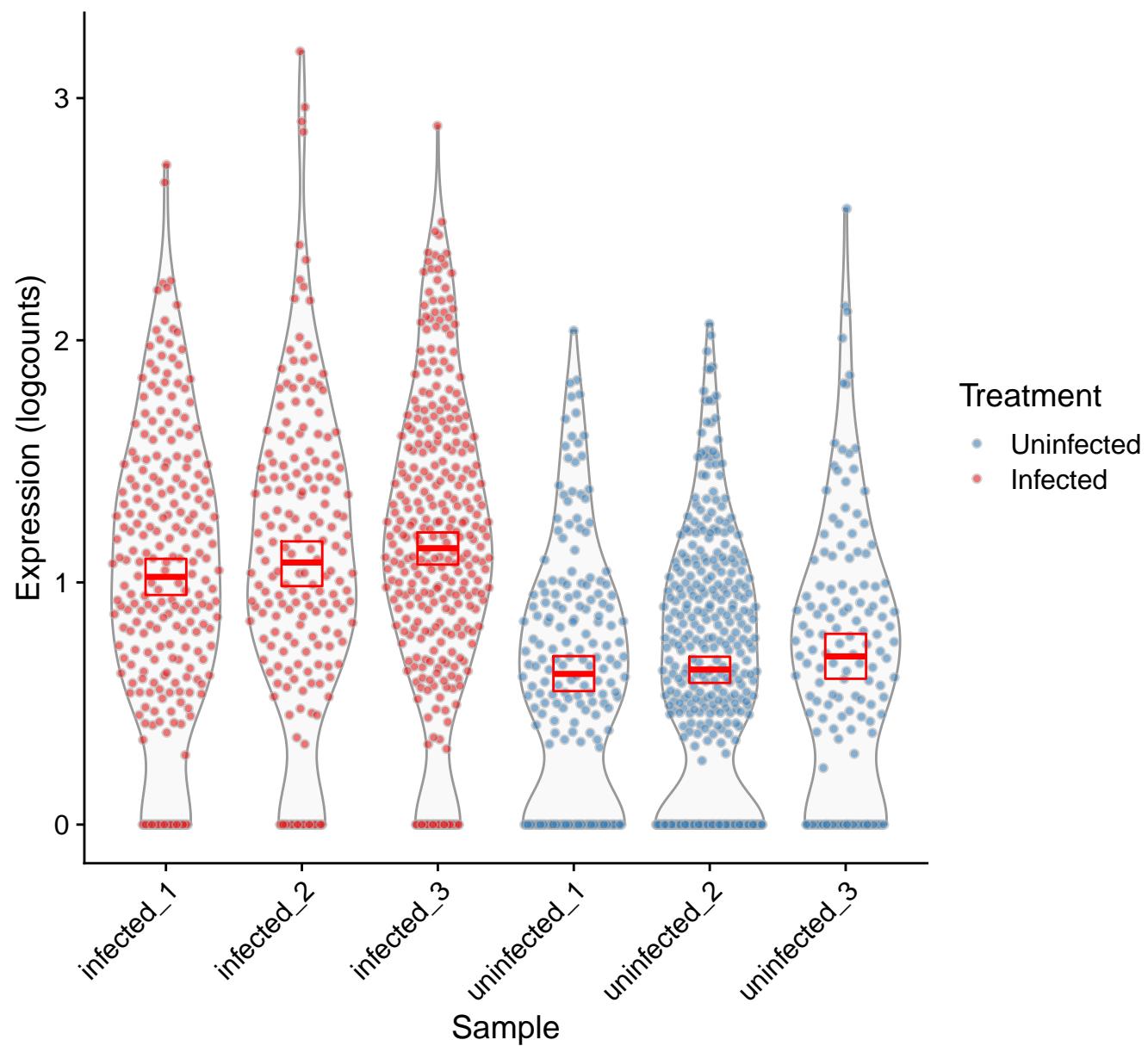
cluster\_7

Expression (logcounts)



# NSMCE1 (FDR = 2e-04)

cluster\_7



# SMCO4 (FDR = 2e-04)

cluster\_7

Expression (logcounts)

3

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

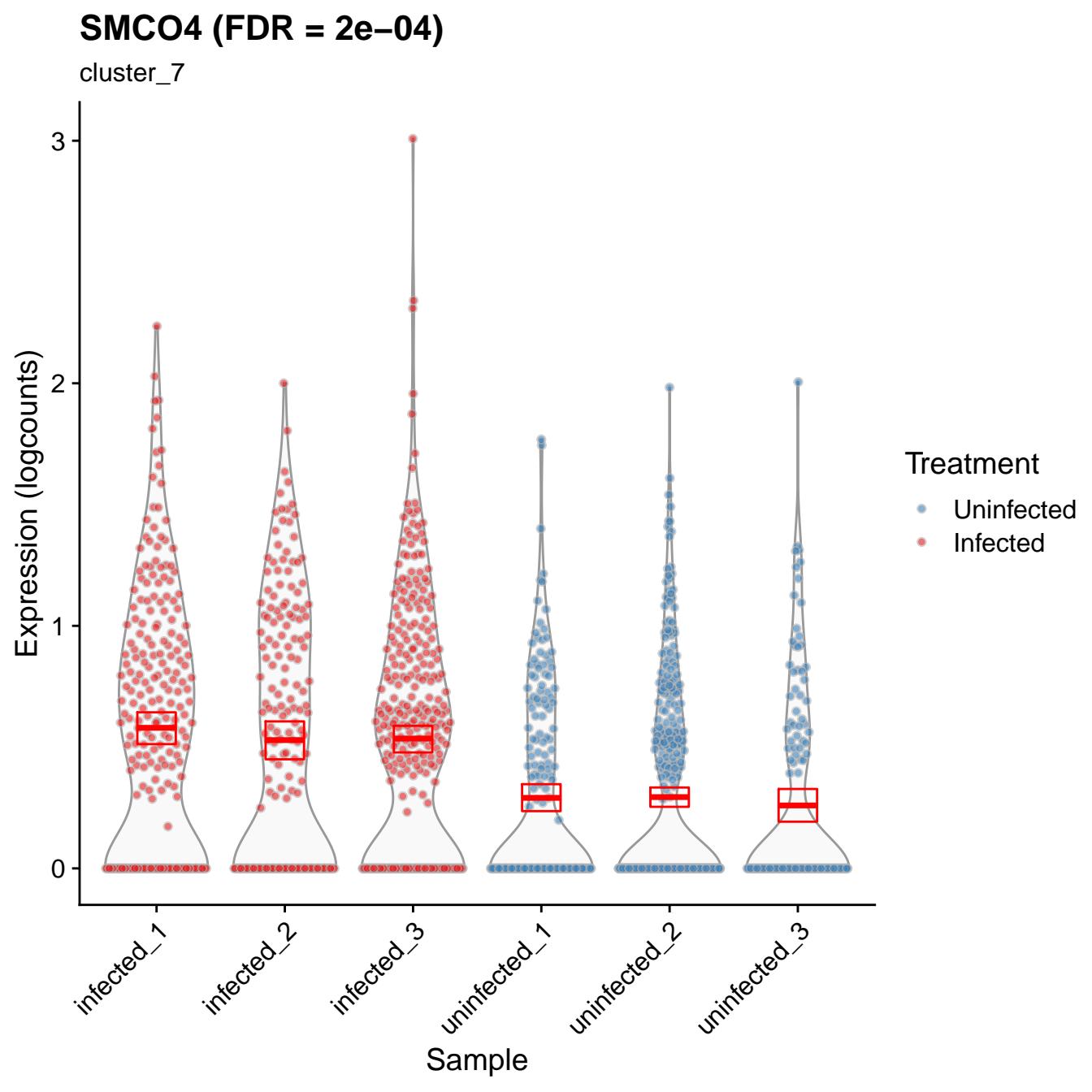
infected\_3

uninfected\_1

uninfected\_2

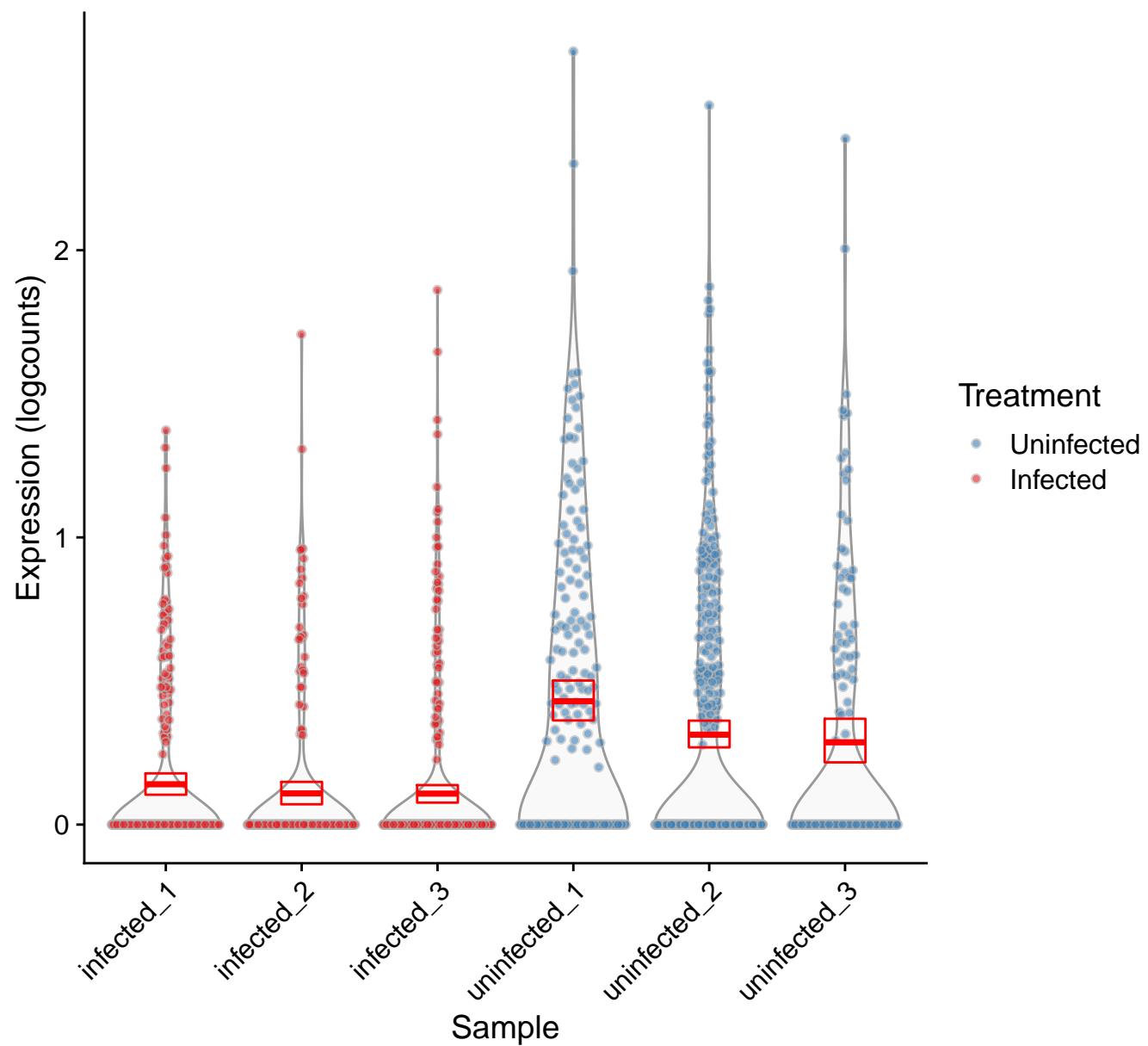
uninfected\_3

Sample



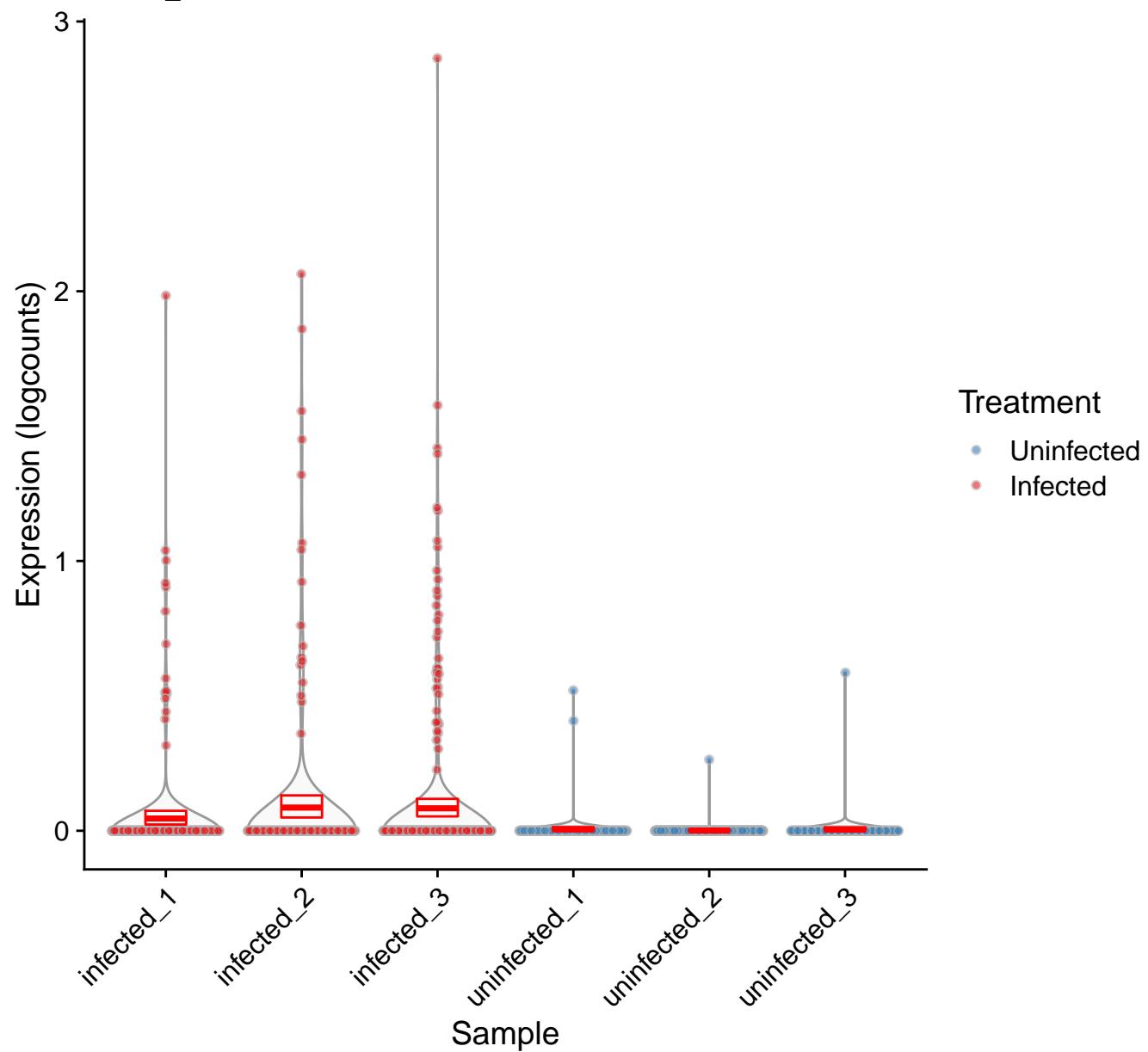
# MAF (FDR = 2e-04)

cluster\_7



# MOXD1 (FDR = 2e-04)

cluster\_7



# PLAC8 (FDR = 2e-04)

cluster\_7

Expression (logcounts)

3

2

1

0

Treatment

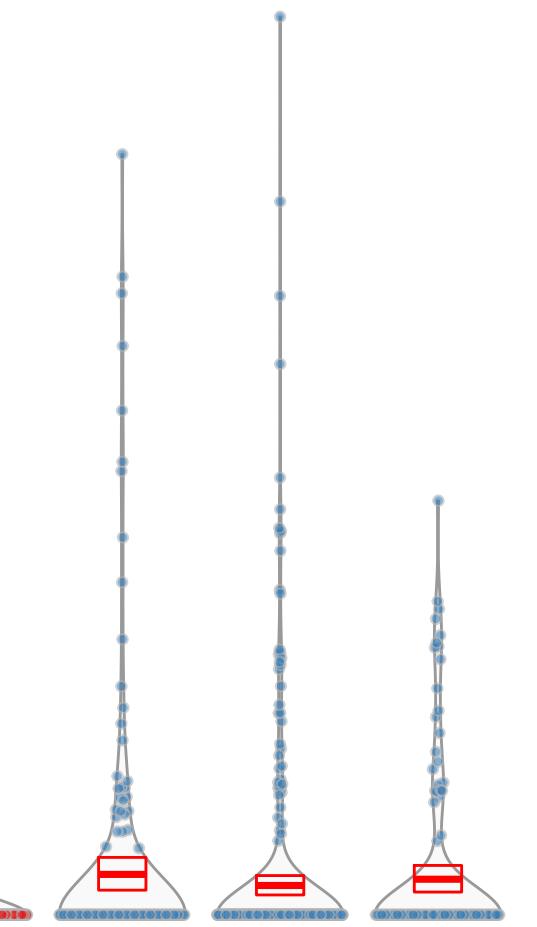
- Uninfected
- Infected

infected\_1

infected\_2

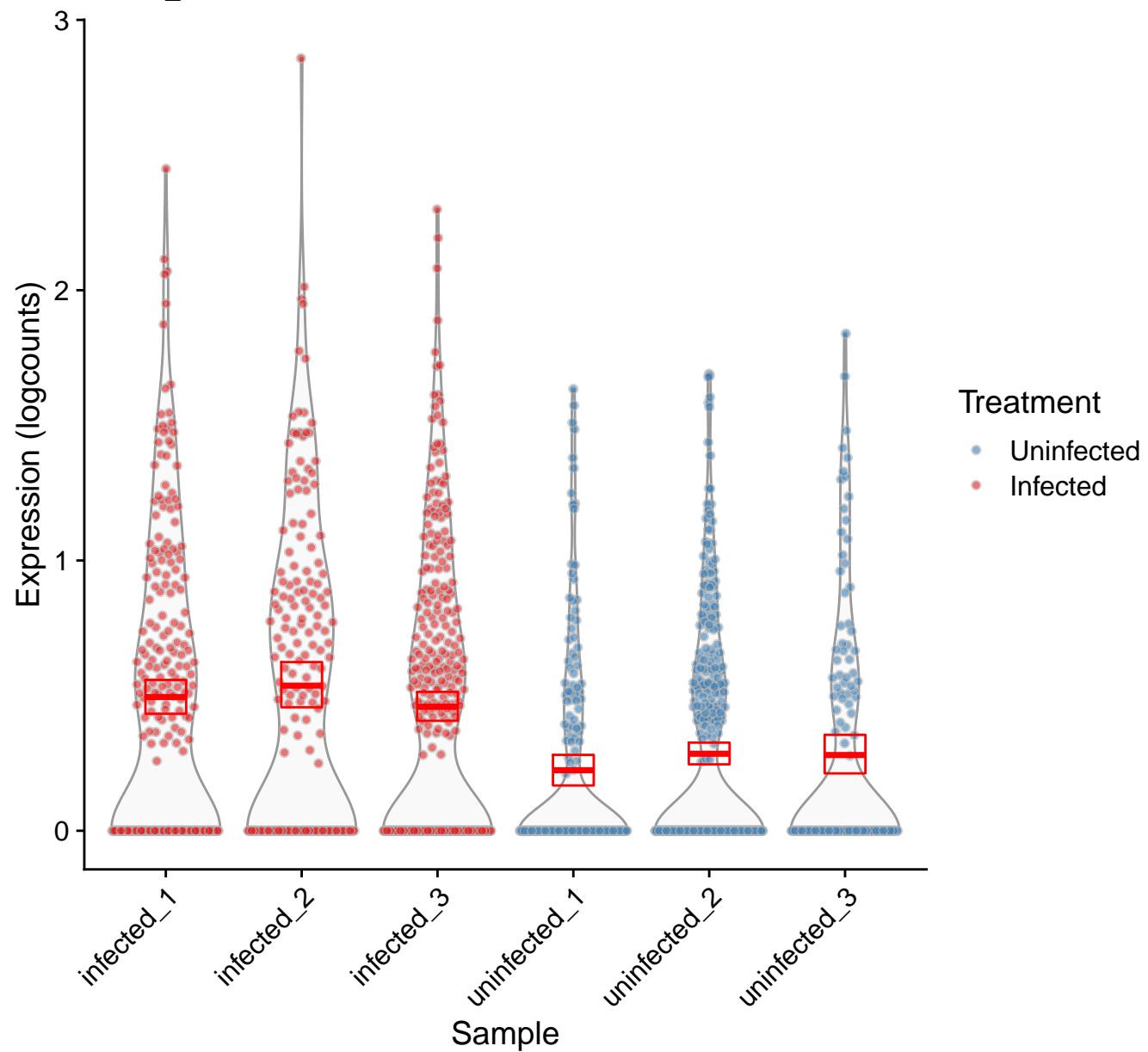
infected\_3

Sample



# CITED2 (FDR = 3e-04)

cluster\_7



# ADAP1 (FDR = 3e-04)

cluster\_7

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

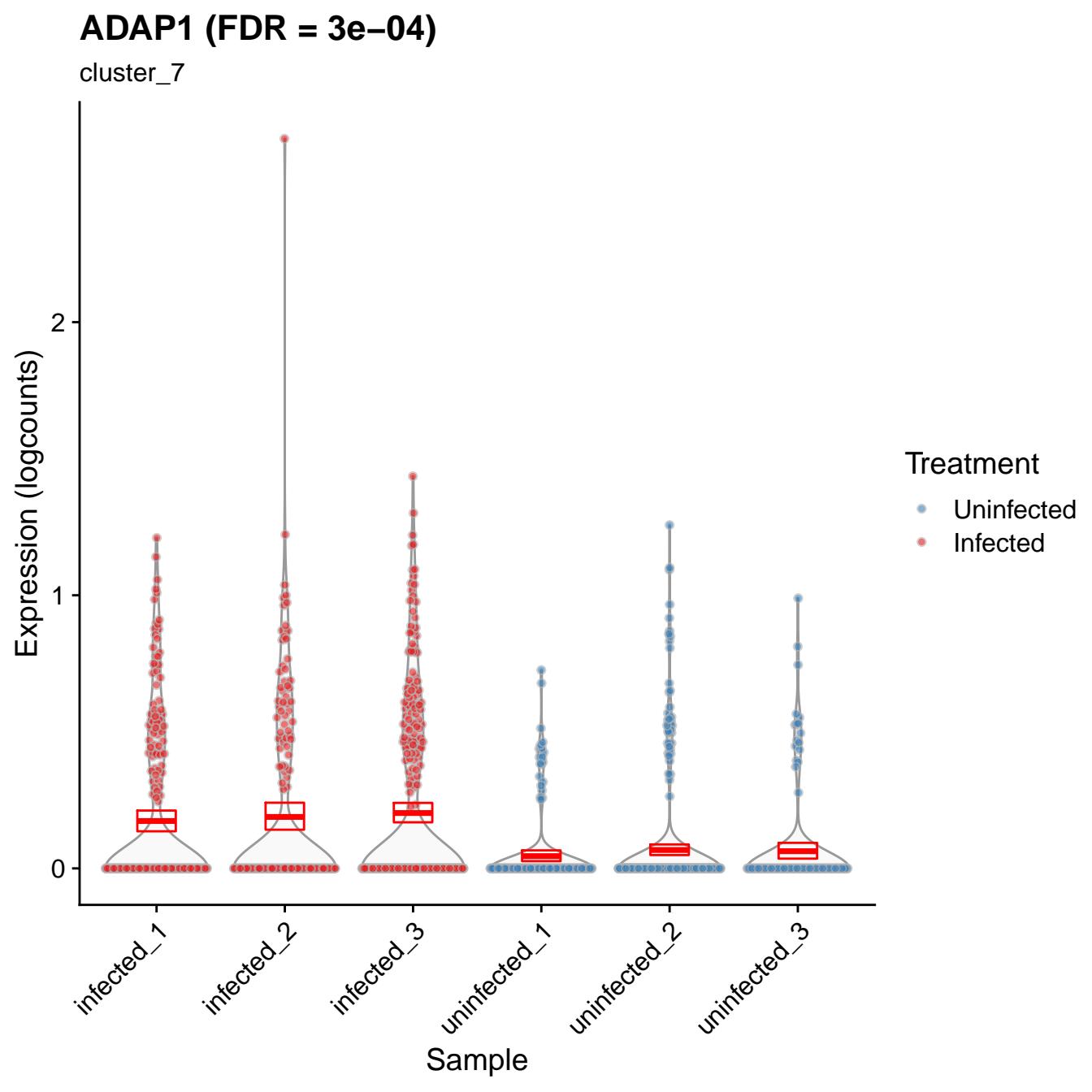
infected\_3

uninfected\_1

uninfected\_2

uninfected\_3

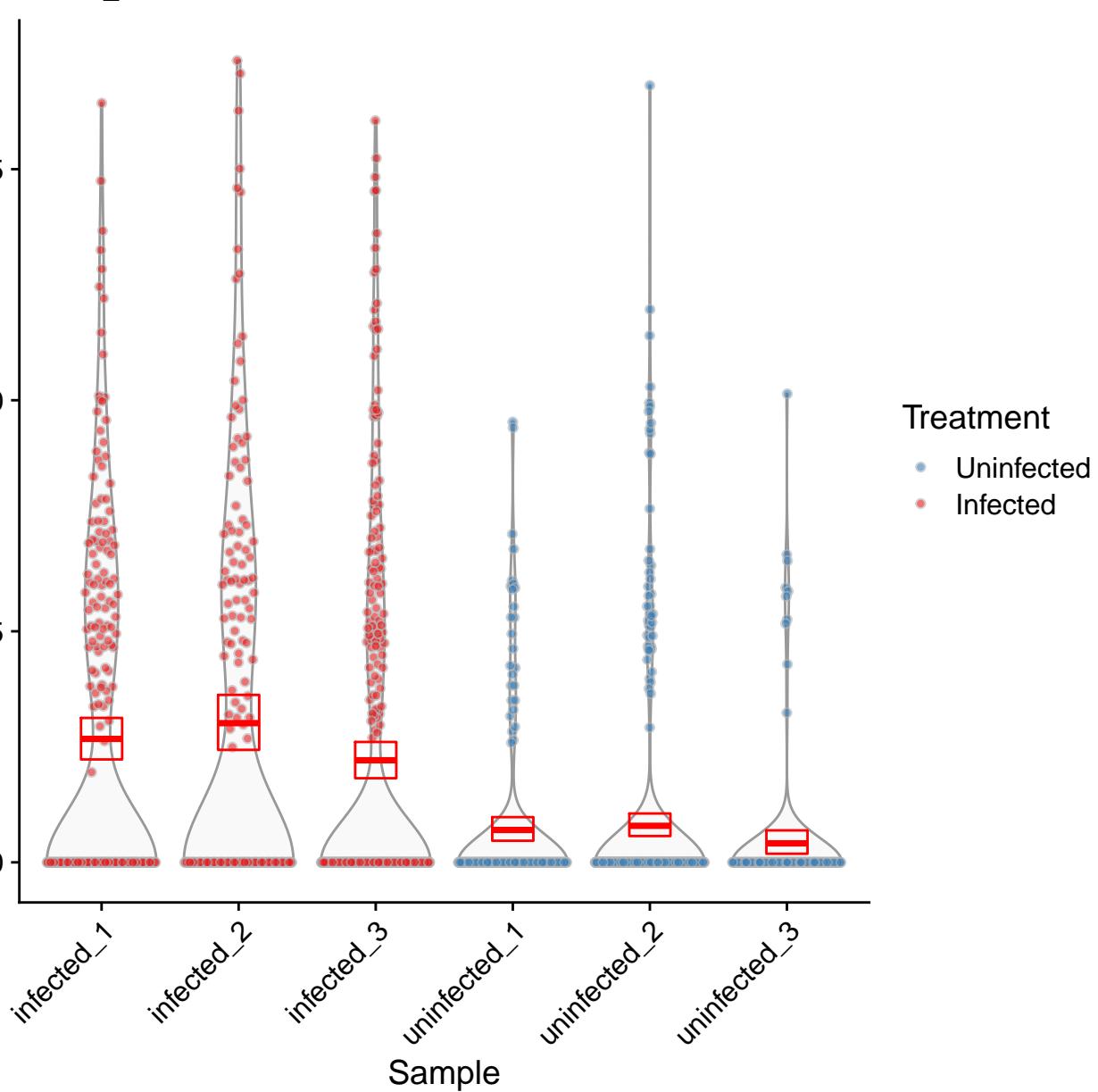
Sample



# PTPRN2 (FDR = 3e-04)

cluster\_7

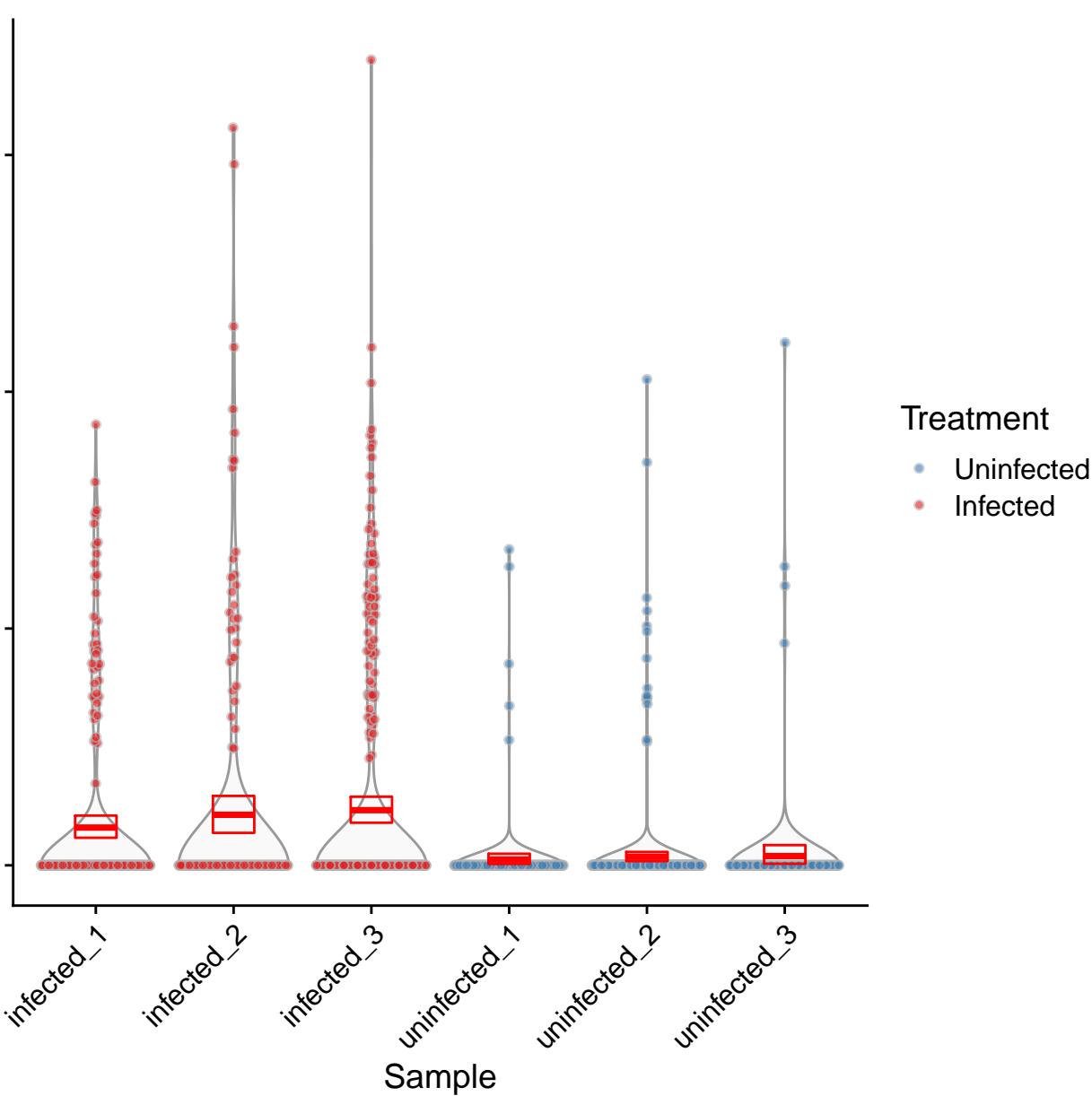
Expression (logcounts)



# CHN2 (FDR = 4e-04)

cluster\_7

Expression (logcounts)



# CCDC88A (FDR = 5e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

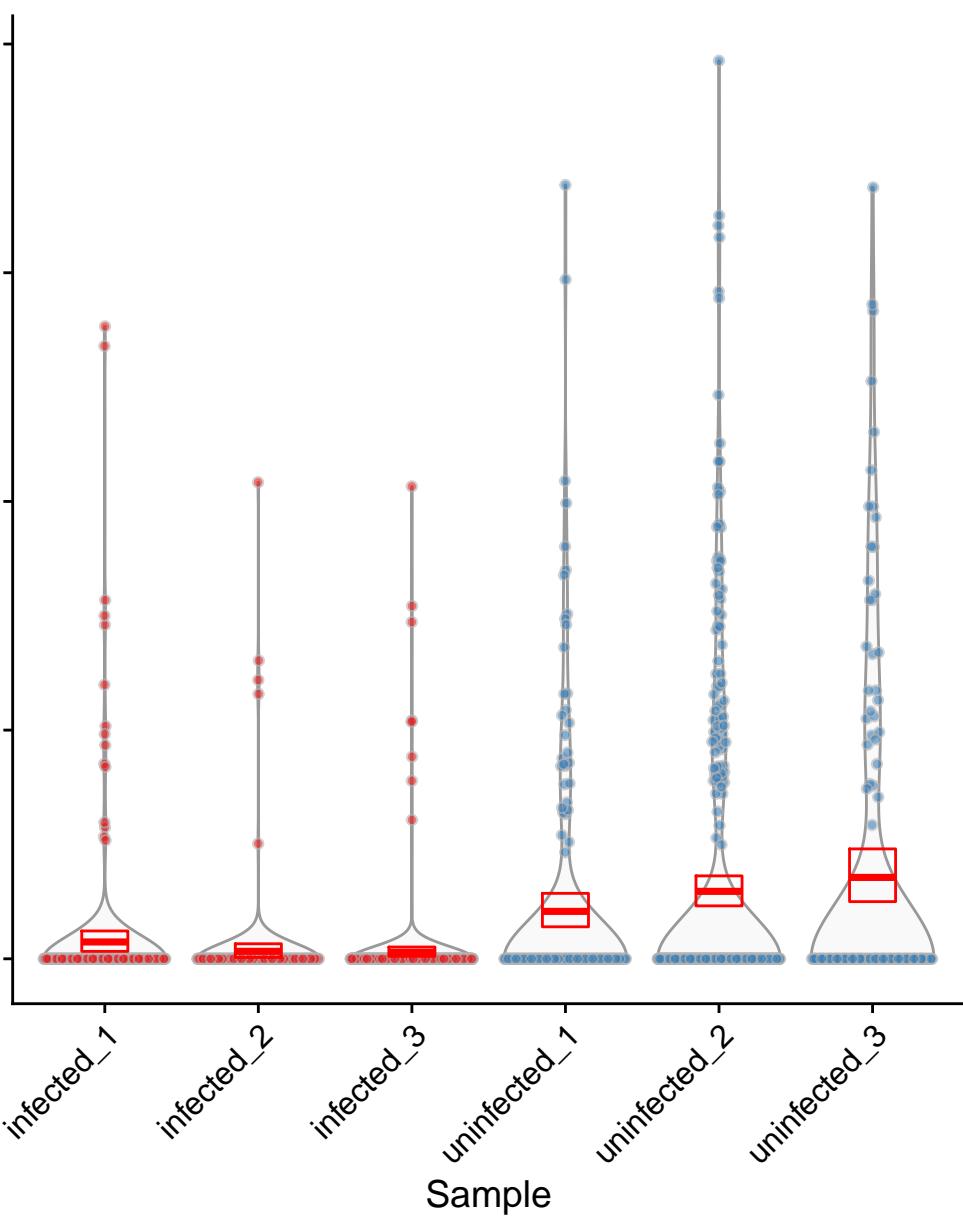
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CD74 (FDR = 5e-04)

cluster\_7

Expression (logcounts)

6

4

2

0

infected\_1

infected\_2

infected\_3

Sample

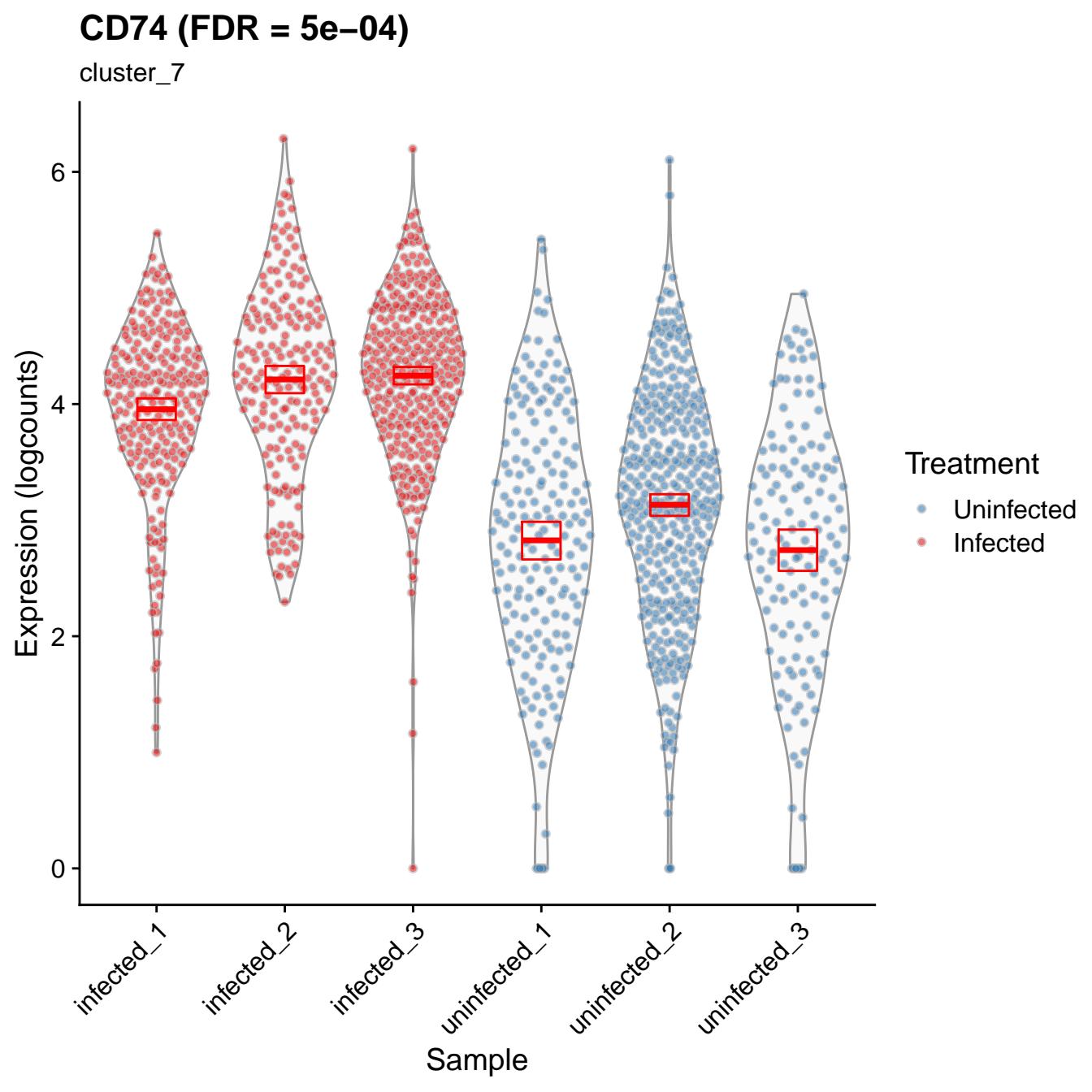
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



# IFI6 (FDR = 5e-04)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

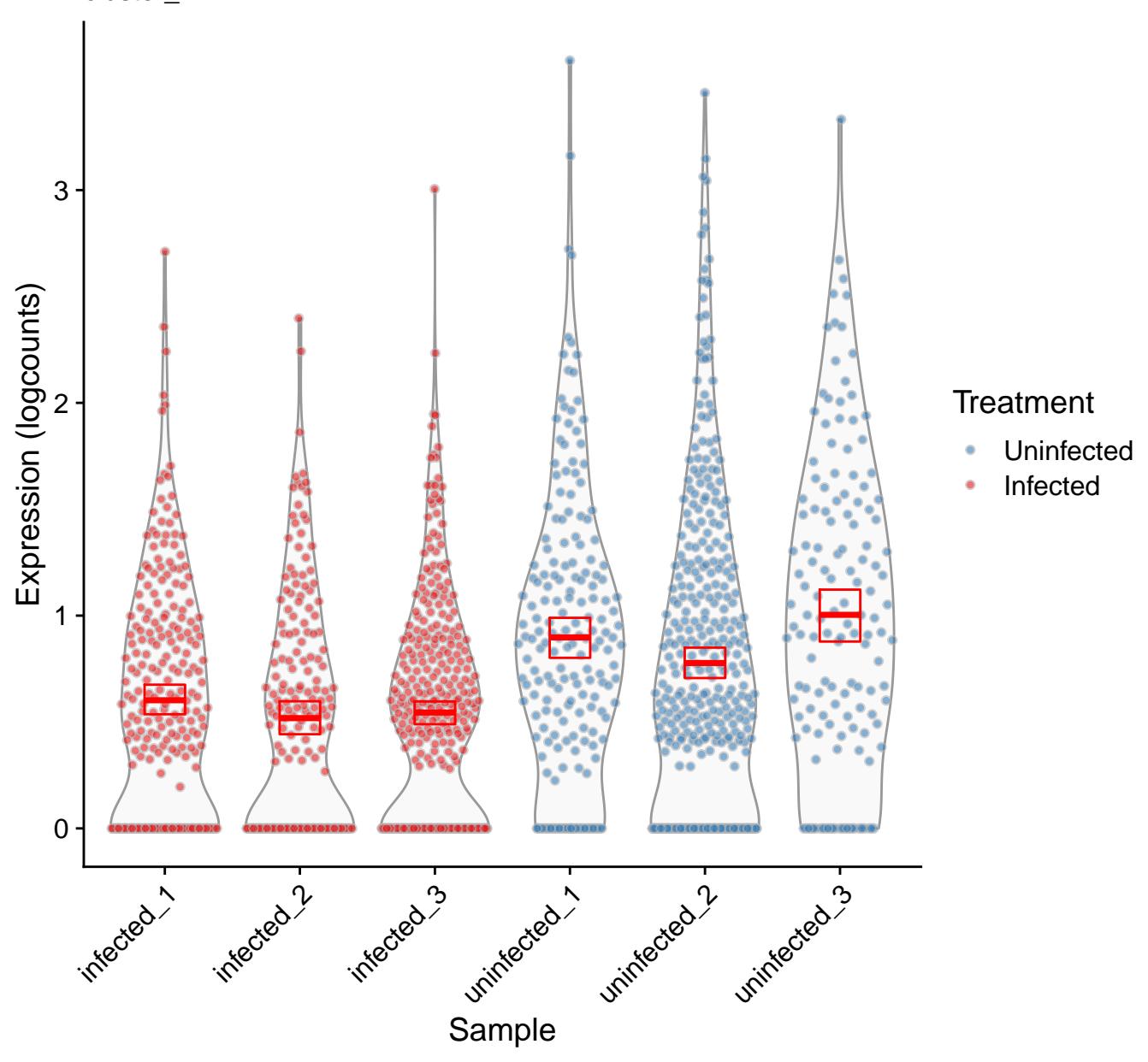
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# STN1 (FDR = 5e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

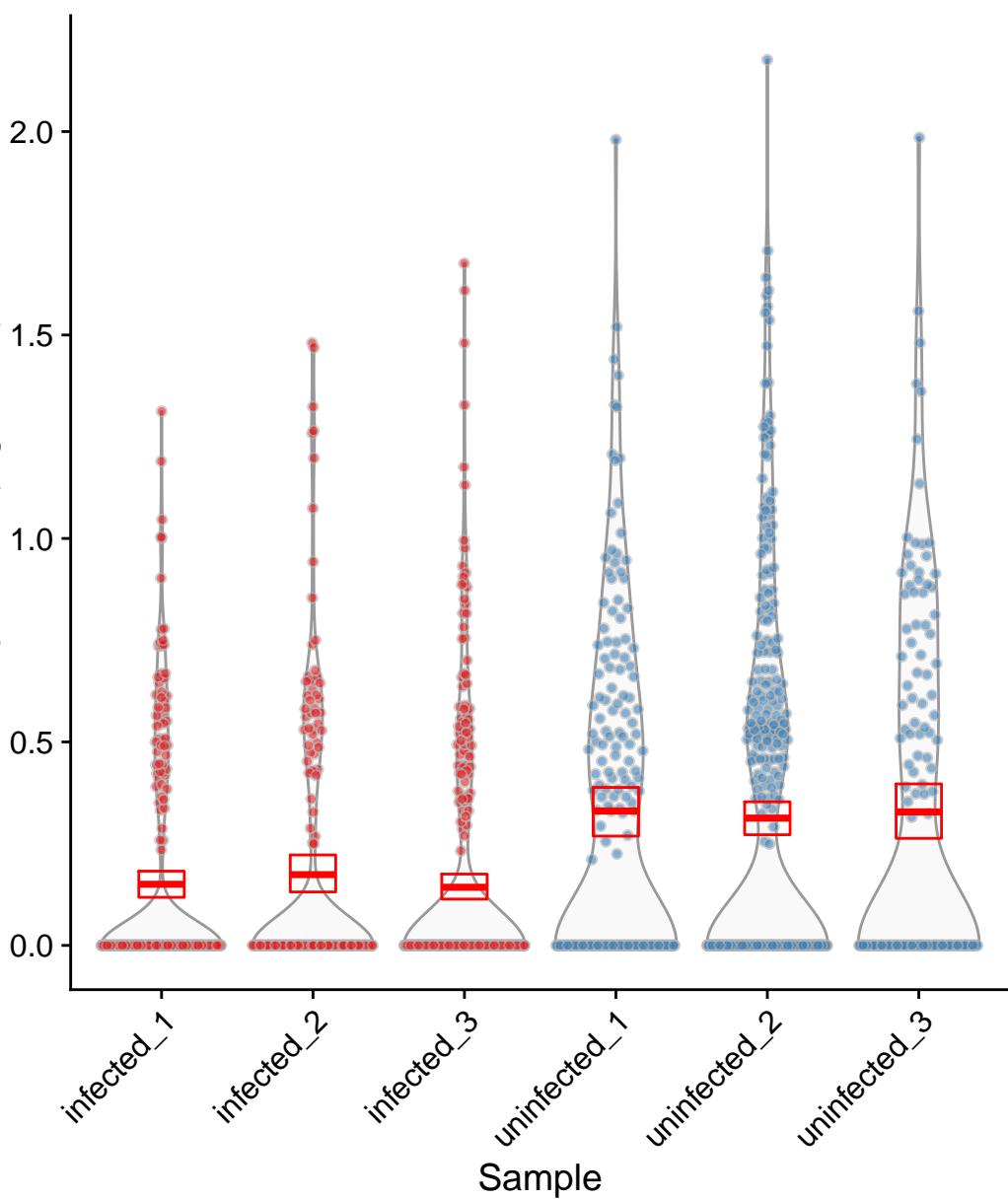
- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

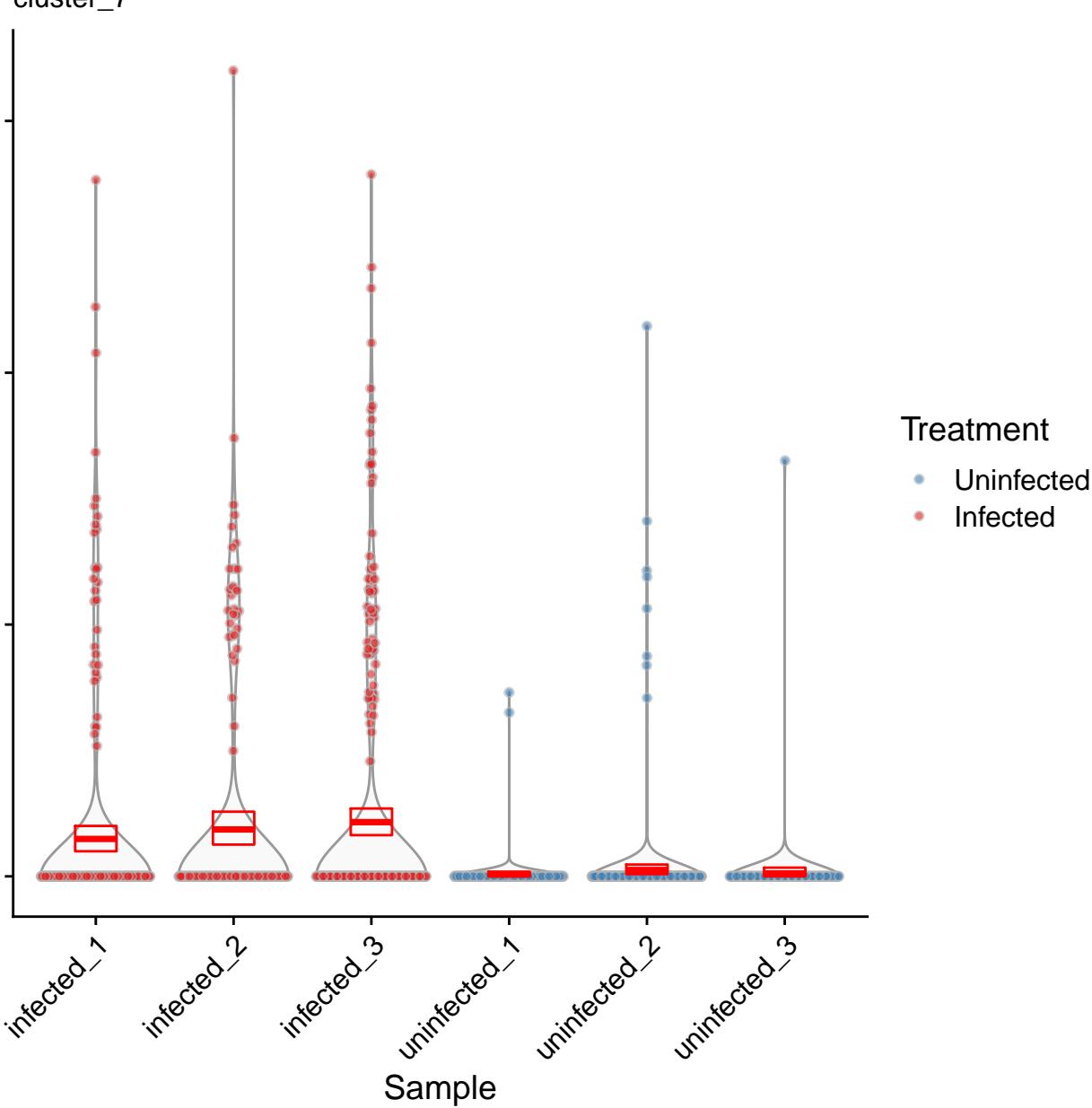
Sample



# GLB1L3 (FDR = 5e-04)

cluster\_7

Expression (logcounts)



# HDGFL3 (FDR = 6e-04)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

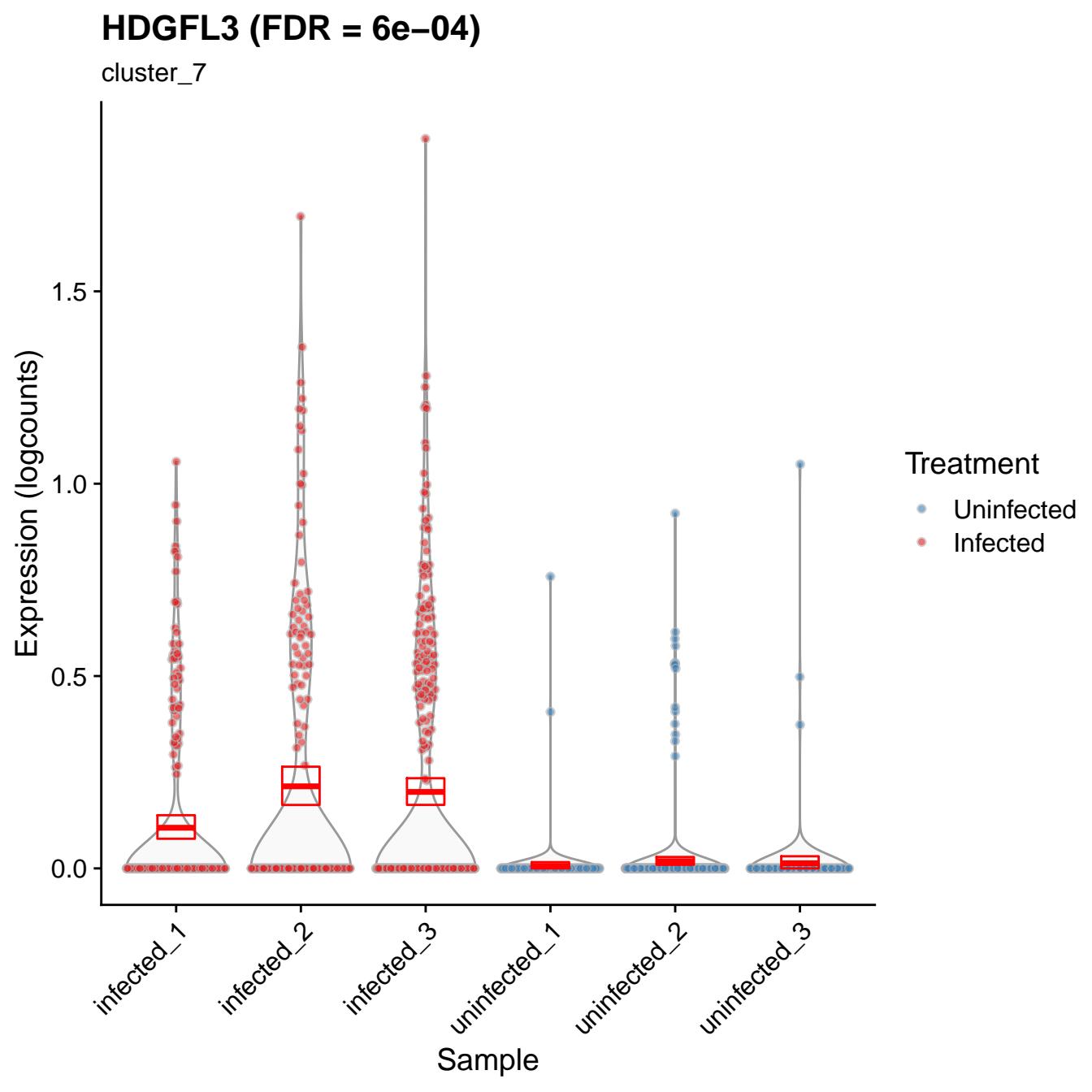
infected\_3

Sample

uninfected\_1

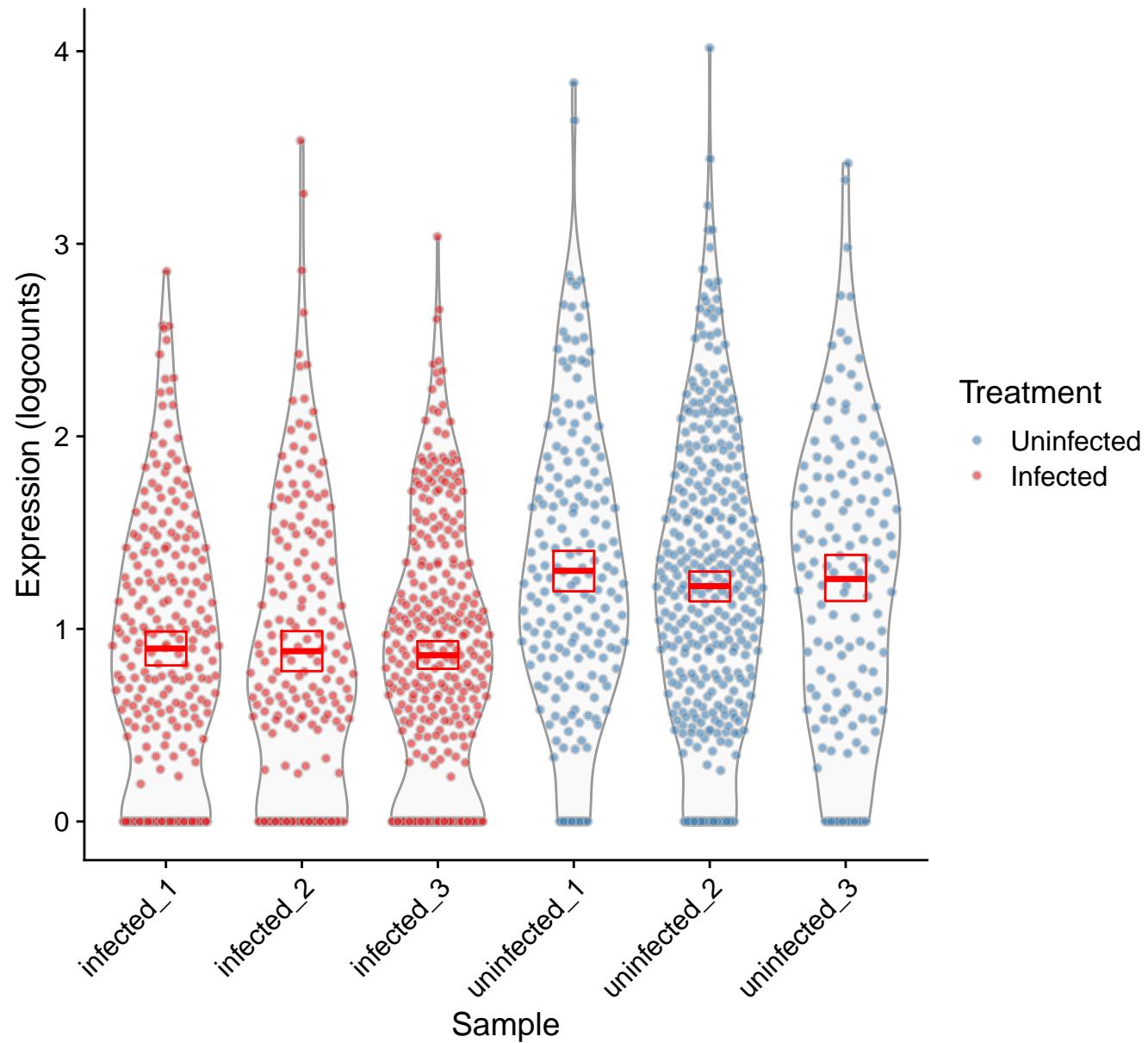
uninfected\_2

uninfected\_3



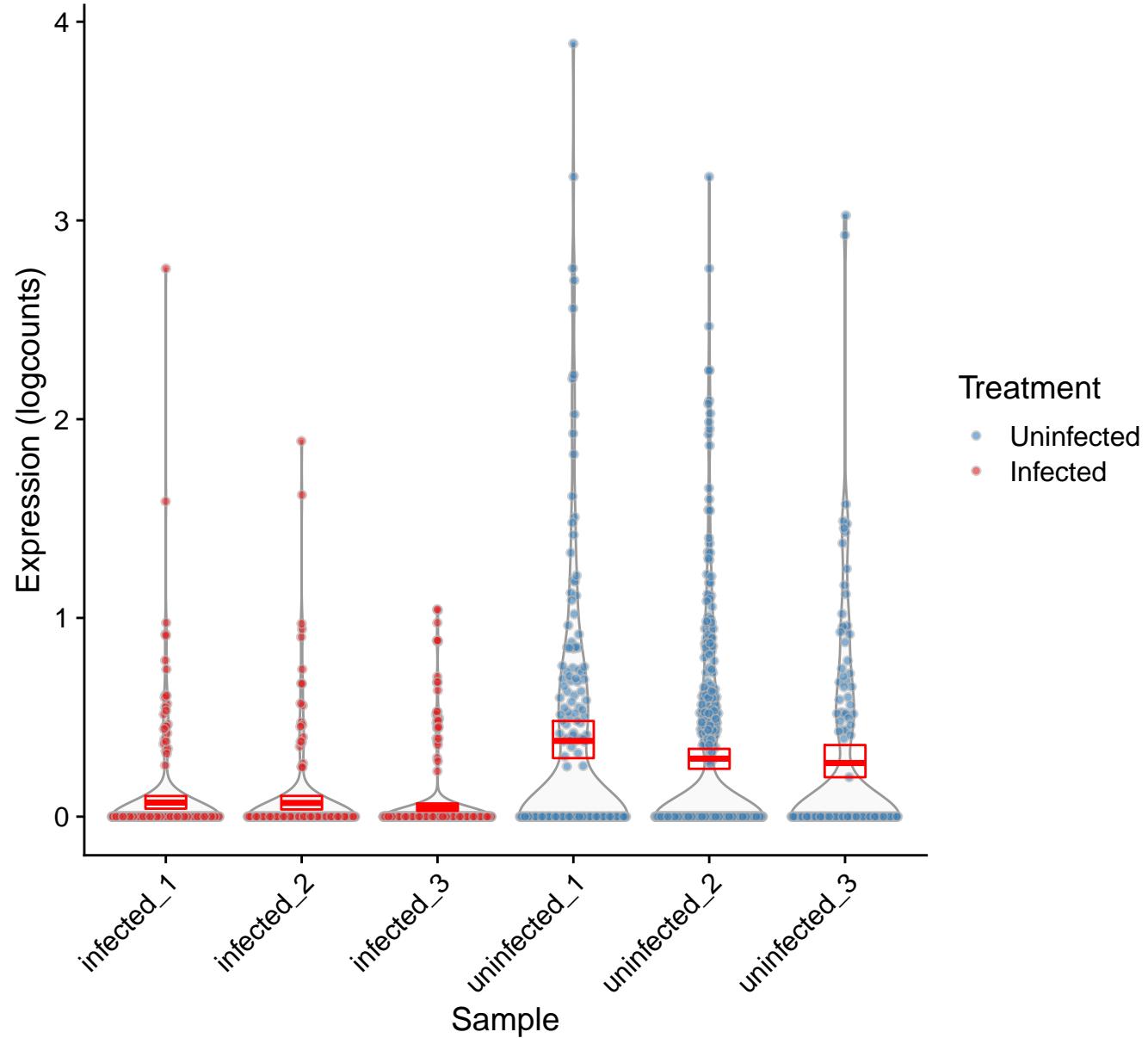
# ZFP36L1 (FDR = 6e-04)

cluster\_7



# LTA (FDR = 6e-04)

cluster\_7



# TPST2 (FDR = 6e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

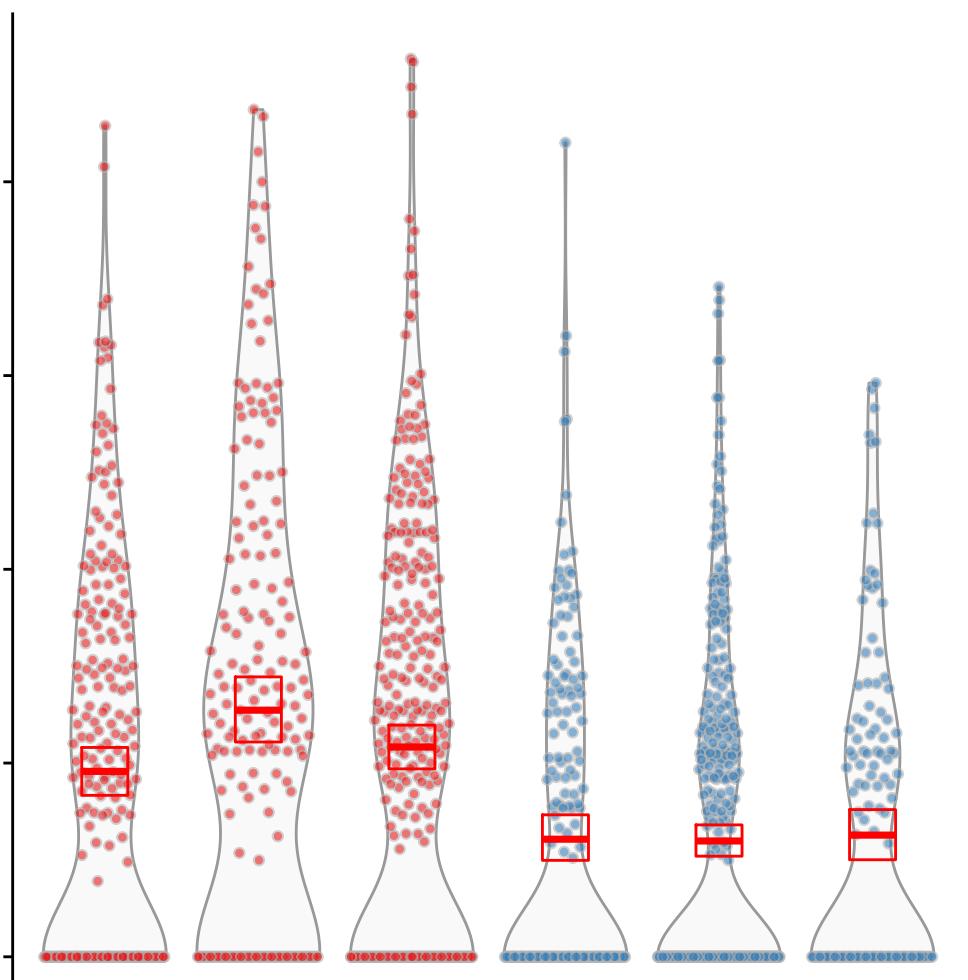
infected\_3

Sample

uninfected\_1

uninfected\_2

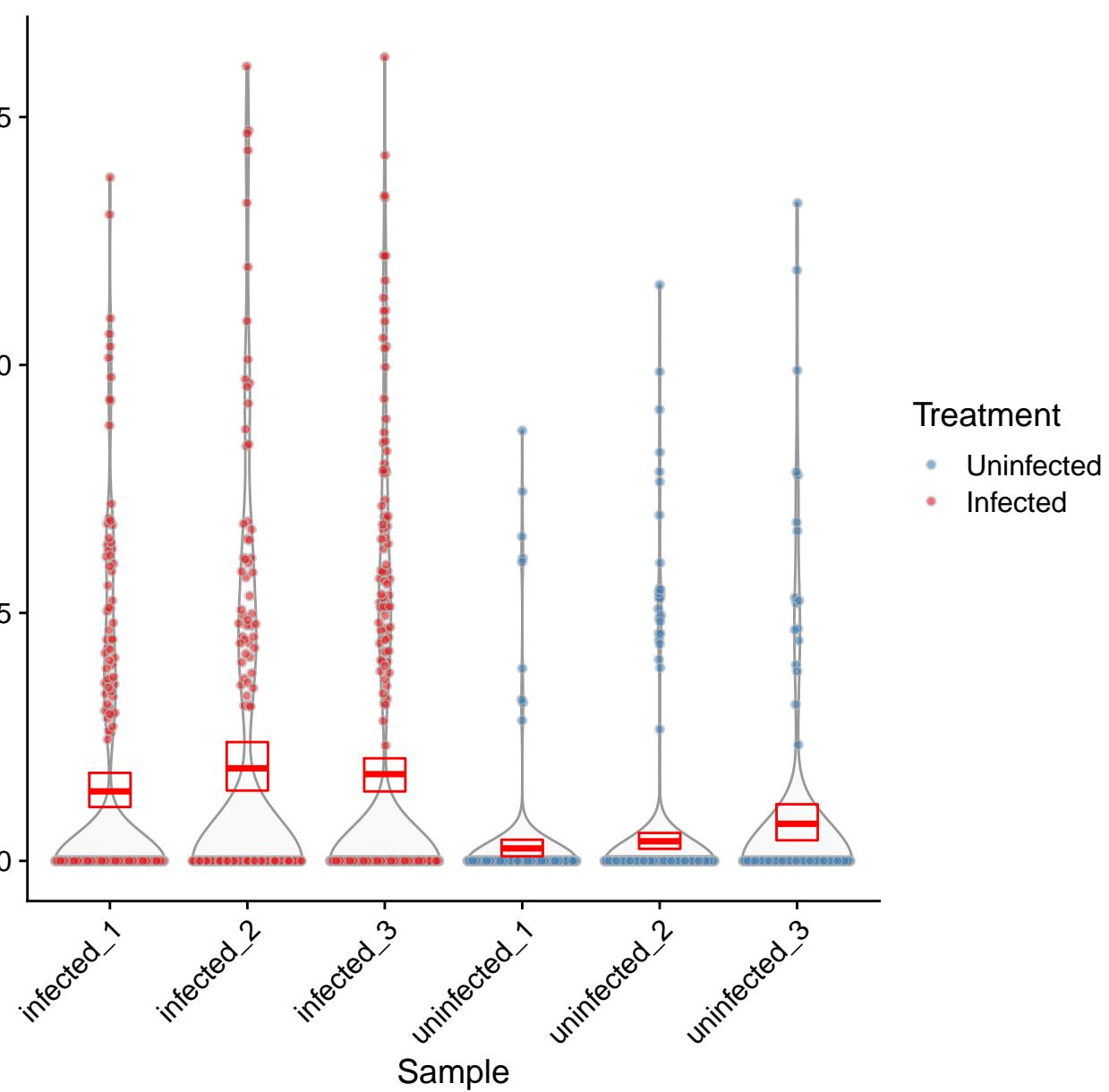
uninfected\_3



# TIAM2 (FDR = 8e-04)

cluster\_7

Expression (logcounts)



# FNBP1L (FDR = 9e-04)

cluster\_7

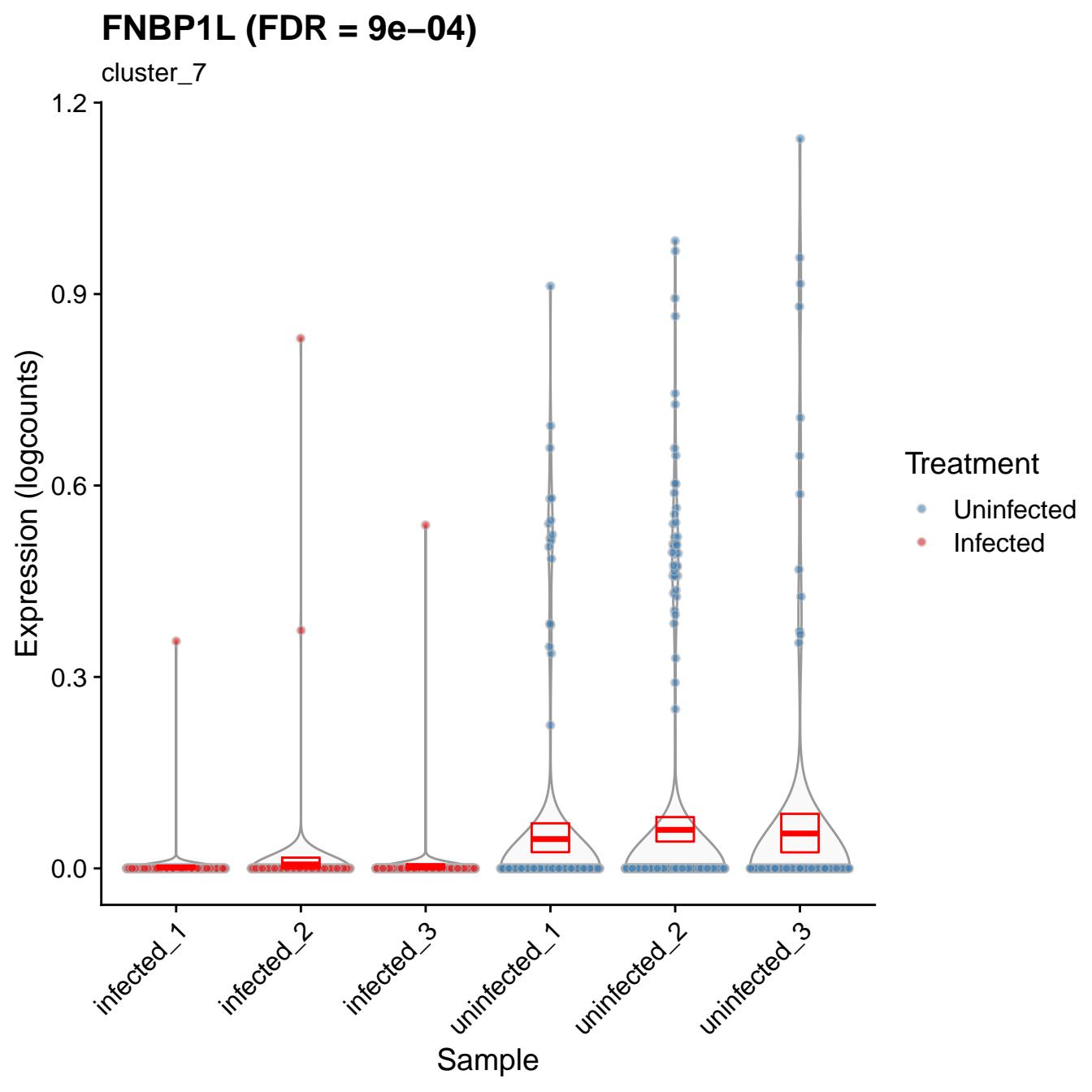
Expression (logcounts)

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



# TOX (FDR = 9e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

infected\_1

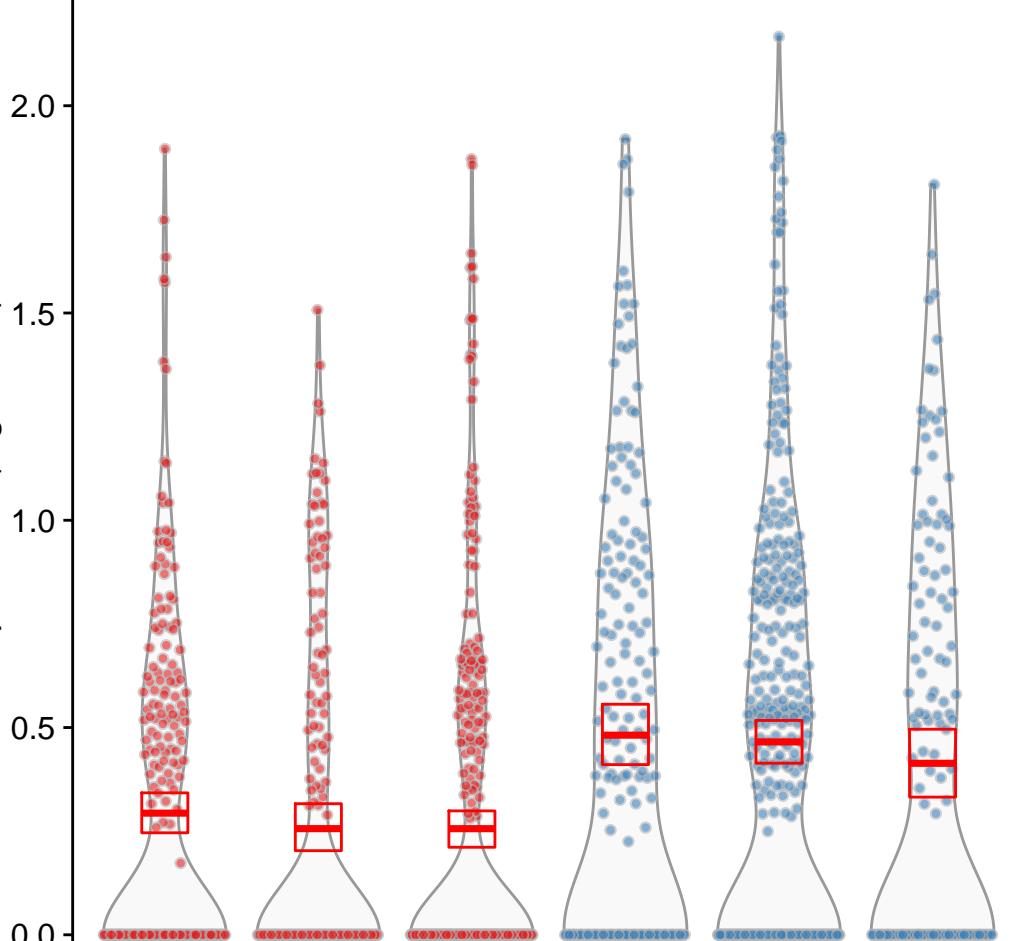
infected\_2

infected\_3

Sample

Treatment

- Uninfected
- Infected



# IL4R (FDR = 9e-04)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

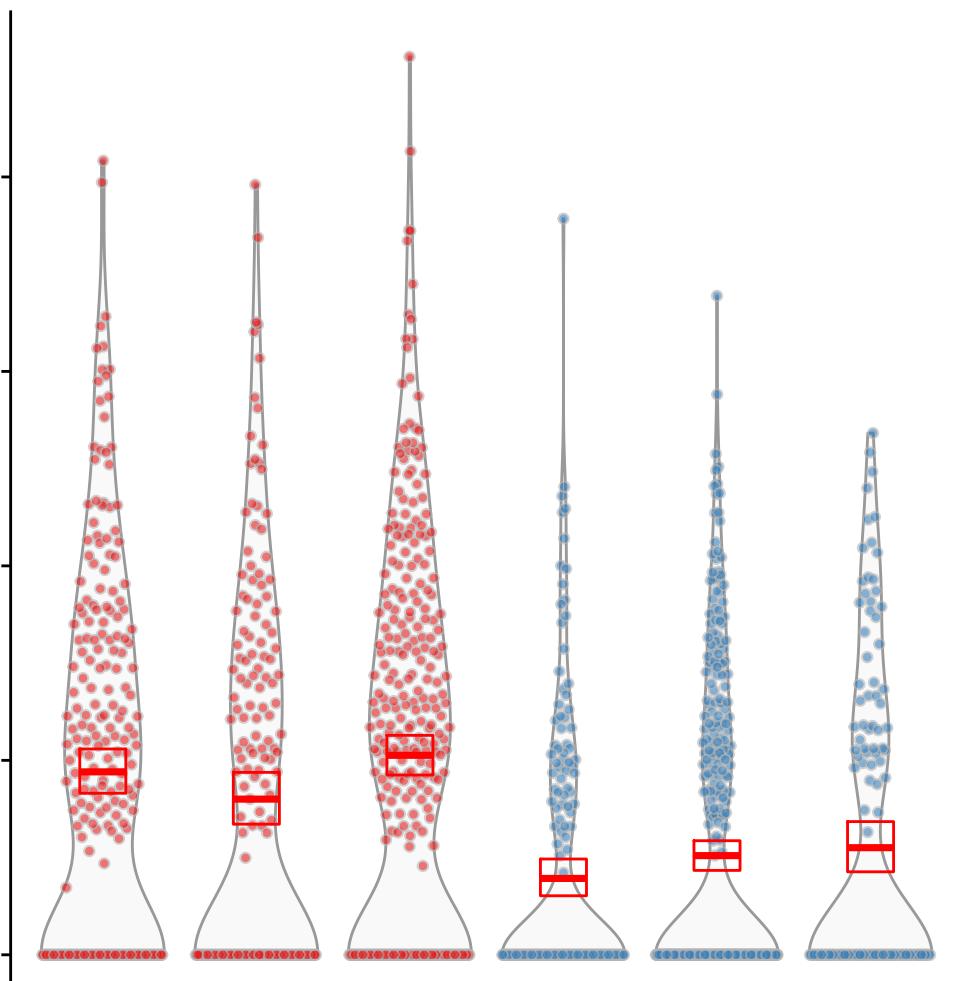
infected\_3

Sample

uninfected\_1

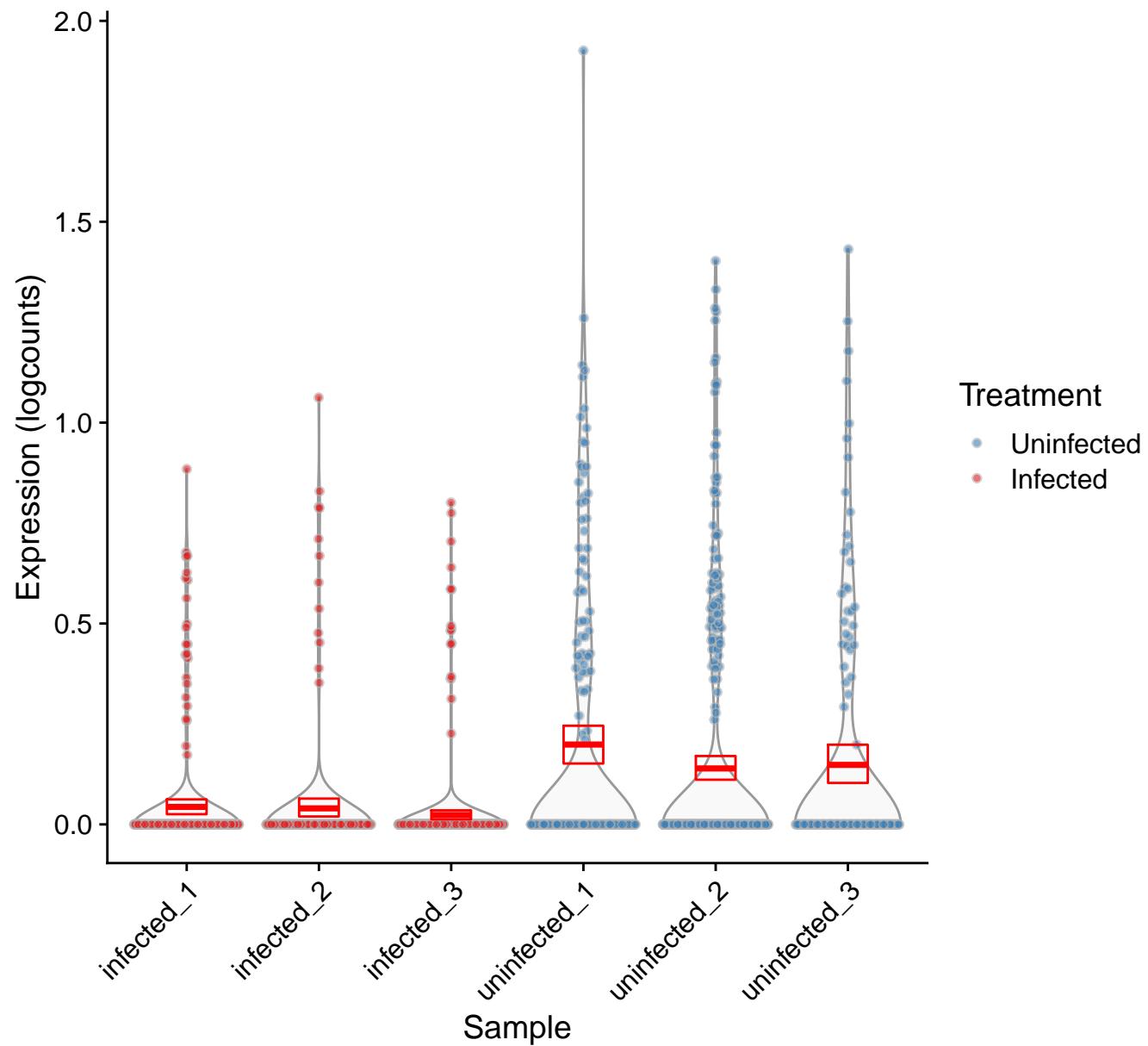
uninfected\_2

uninfected\_3



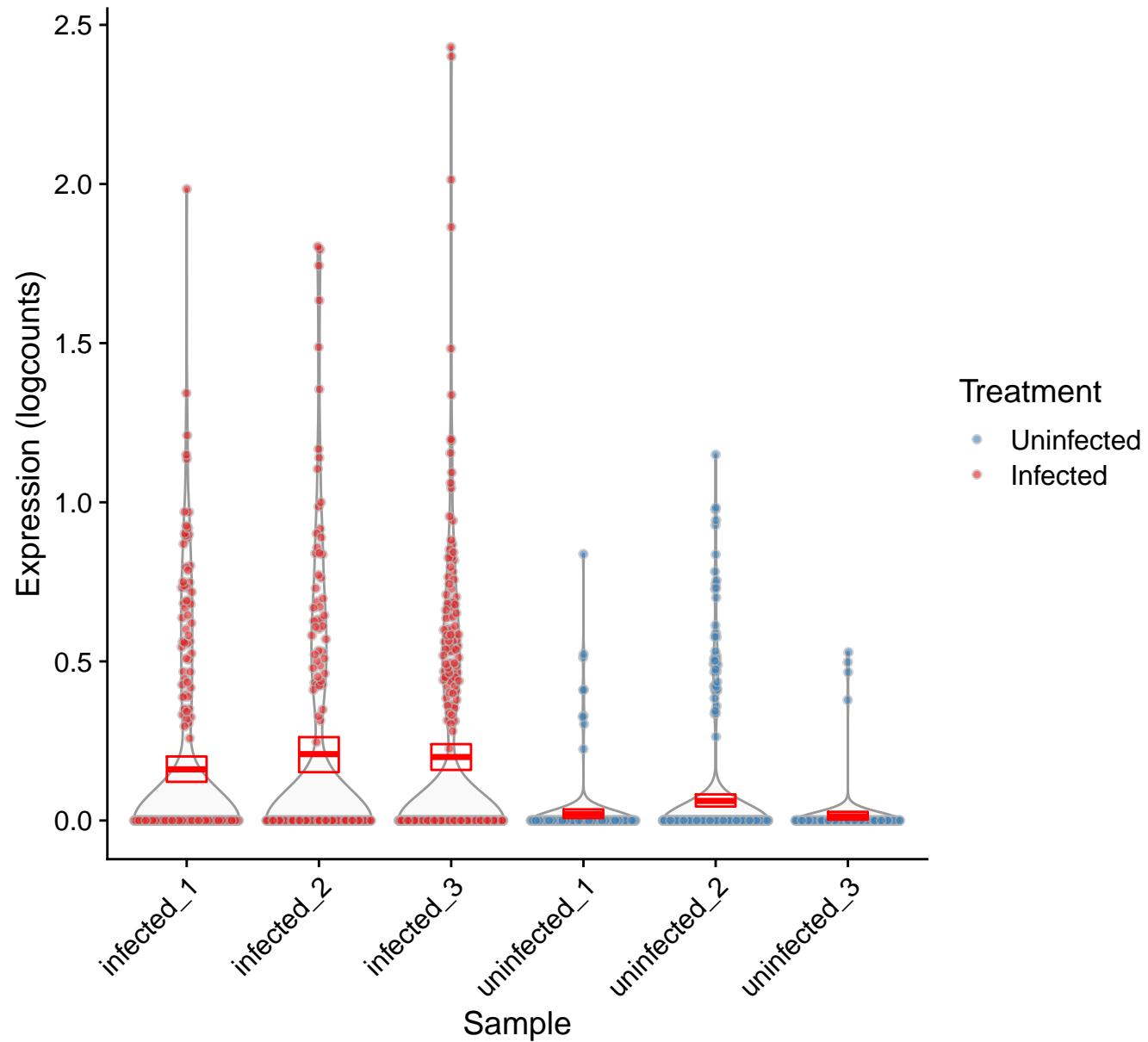
# NDFIP2 (FDR = 9e-04)

cluster\_7



# BATF3 (FDR = 9e-04)

cluster\_7



# CD99 (FDR = 9e-04)

cluster\_7

Expression (logcounts)

4

2

0

infected\_1

infected\_2

infected\_3

Sample

Treatment

- Uninfected
- Infected

5

4

3

2

1

0

5

4

3

2

1

0

5

4

3

2

1

0

5

4

3

2

1

0

# NME7 (FDR = 0.001)

cluster\_7

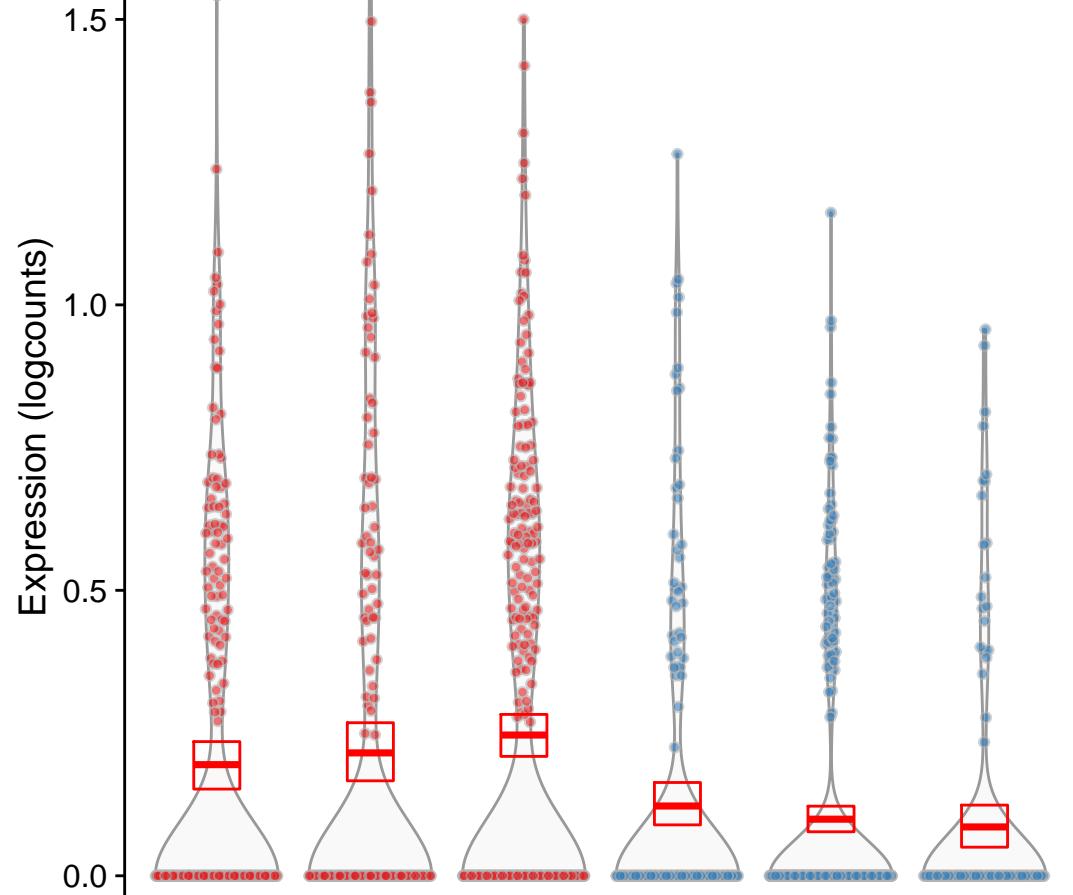
Expression (logcounts)

Treatment

- Uninfected
- Infected

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

Sample



# IFI44 (FDR = 0.001)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

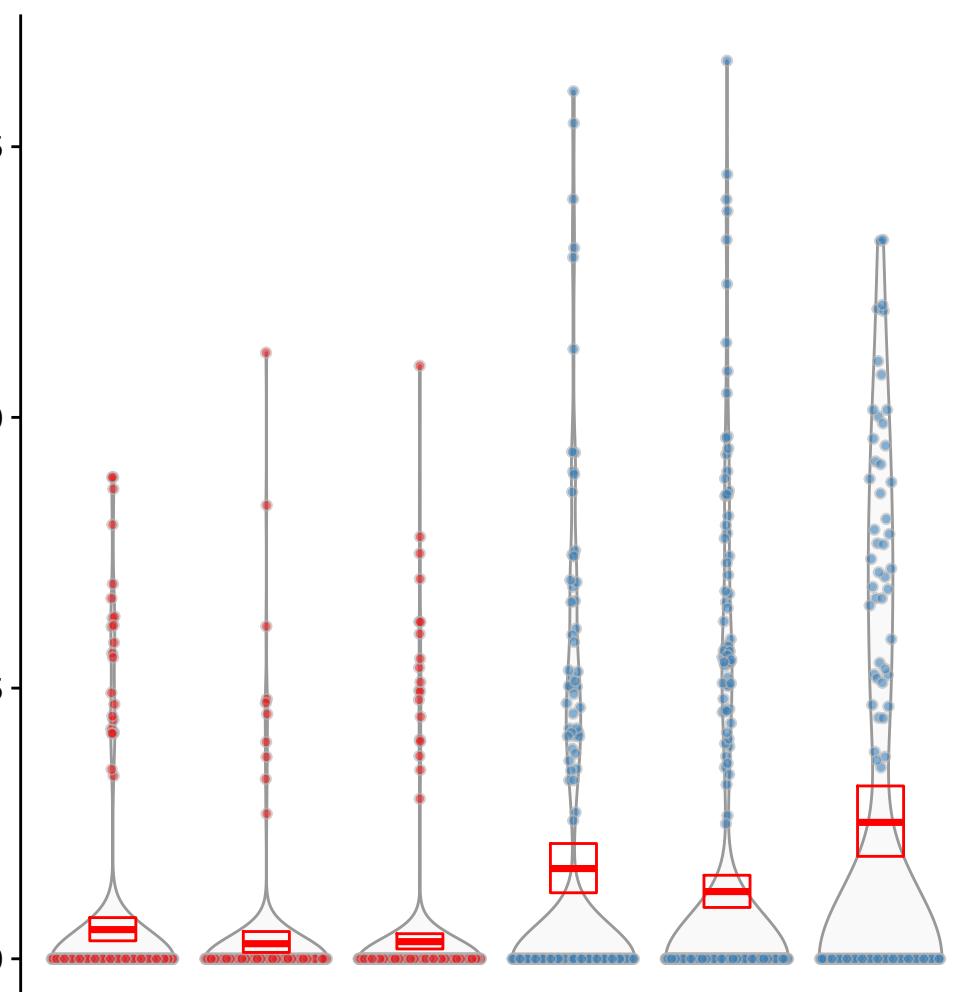
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# AC090152.1 (FDR = 0.001)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

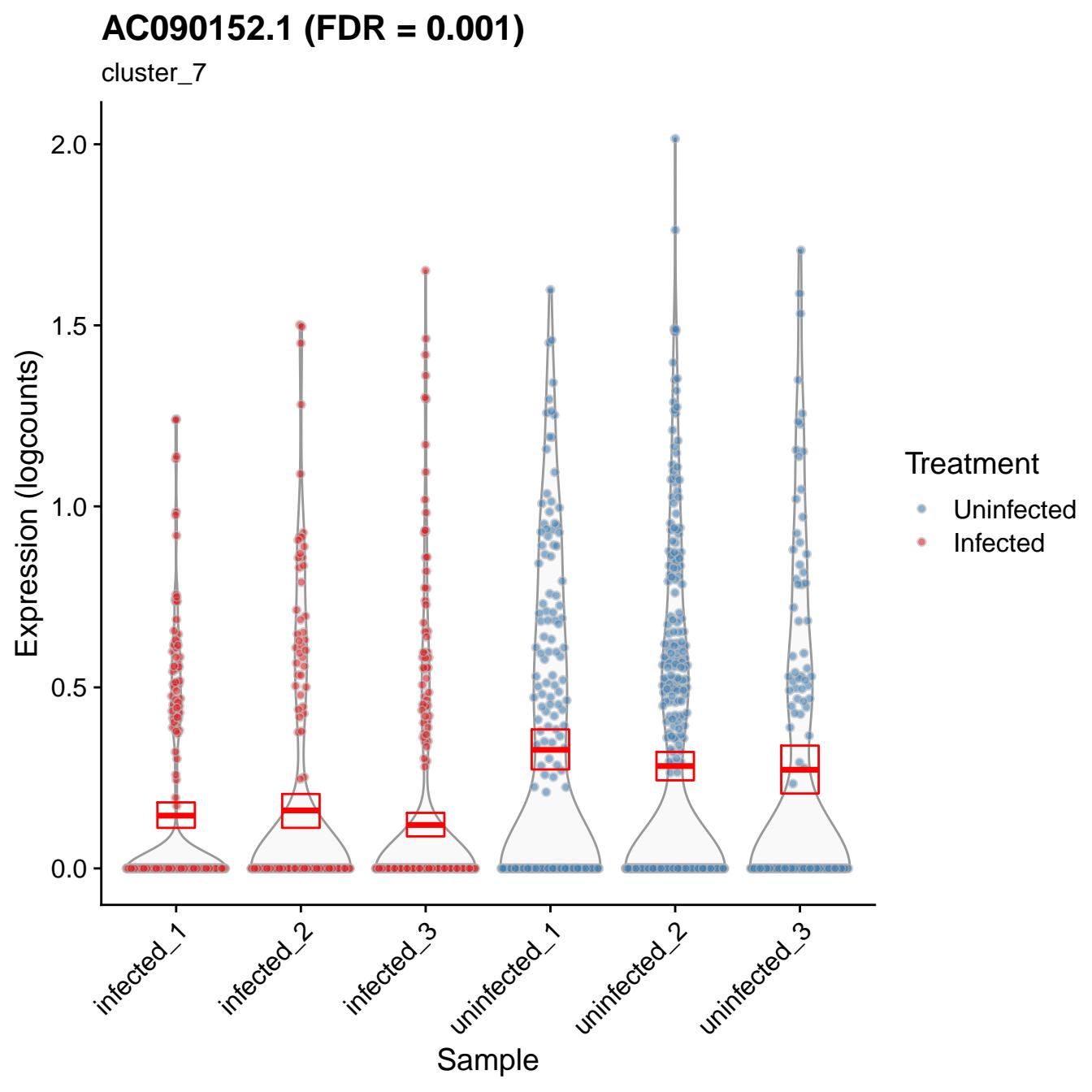
infected\_3

Sample

uninfected\_1

uninfected\_2

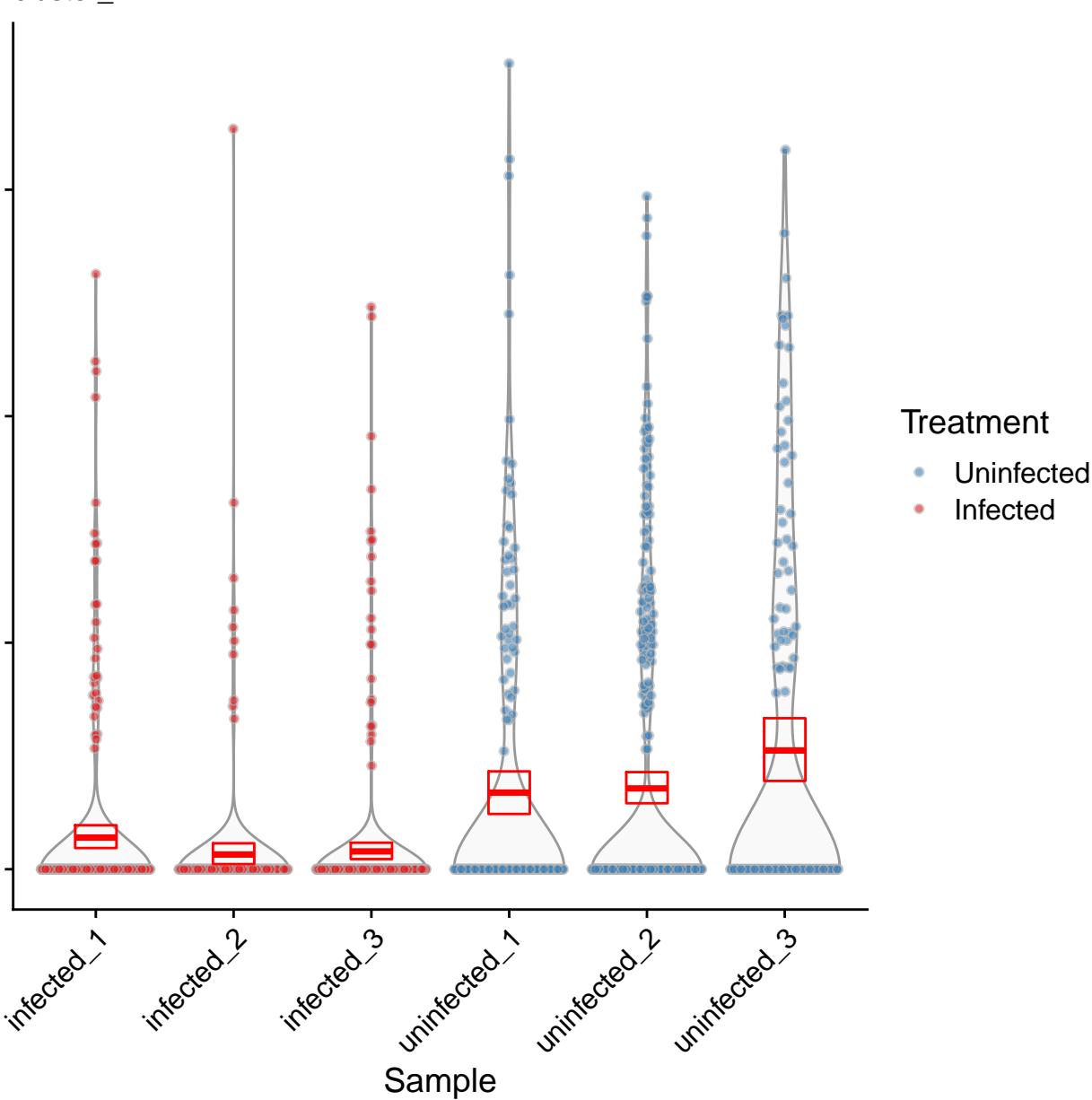
uninfected\_3



# TRABD2A (FDR = 0.001)

cluster\_7

Expression (logcounts)



# THEM4 (FDR = 0.001)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

infected\_1

infected\_2

infected\_3

Sample

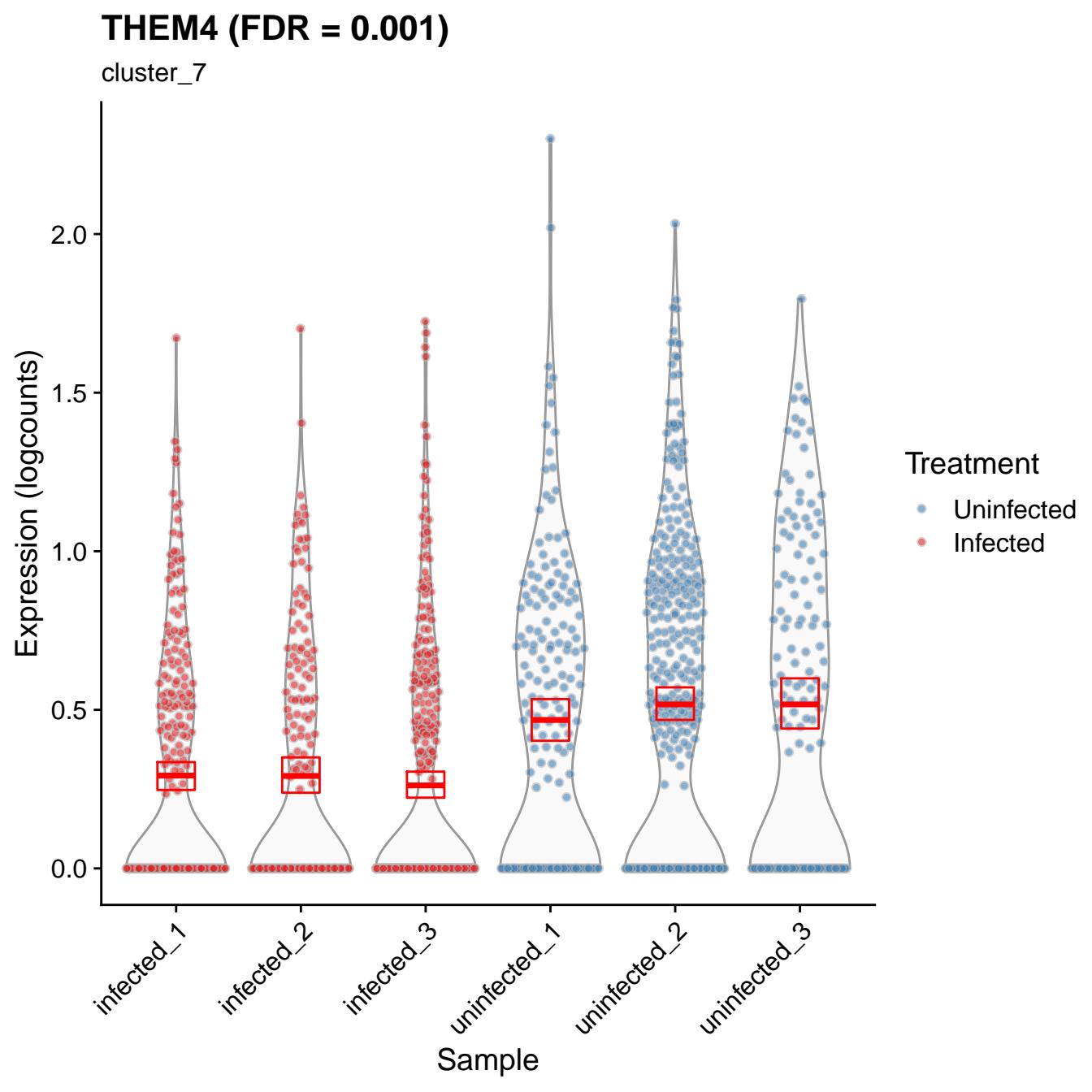
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

- Uninfected
- Infected



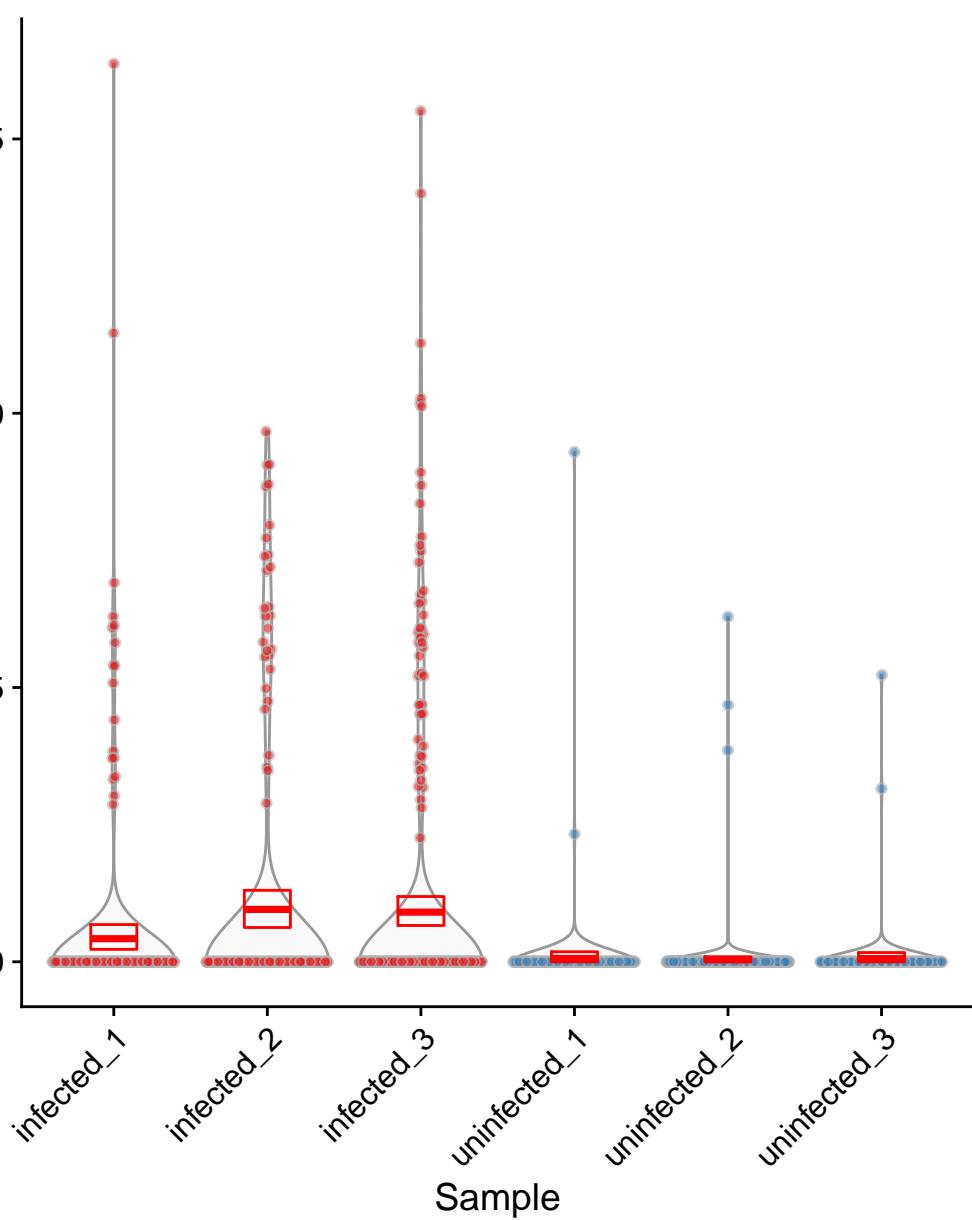
# DST (FDR = 0.001)

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected



# EEP1 (FDR = 0.001)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

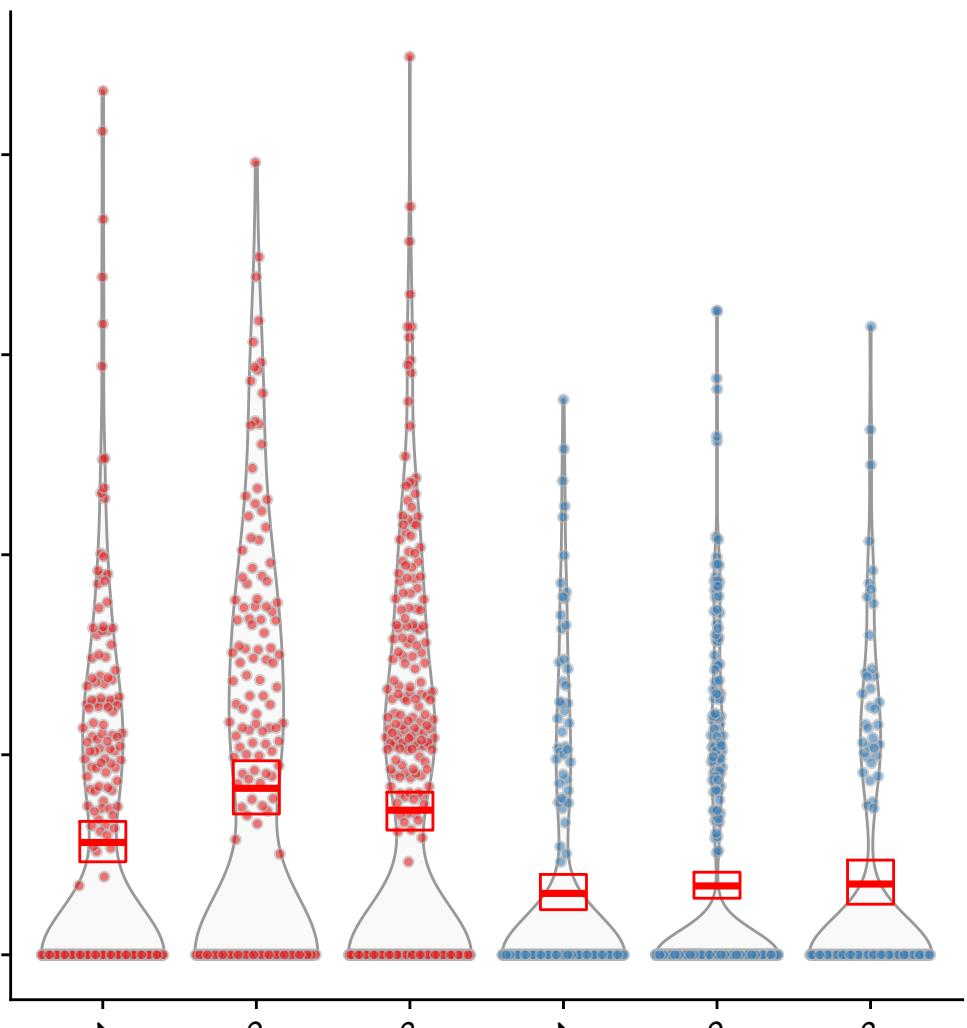
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# SH3RF2 (FDR = 0.001)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

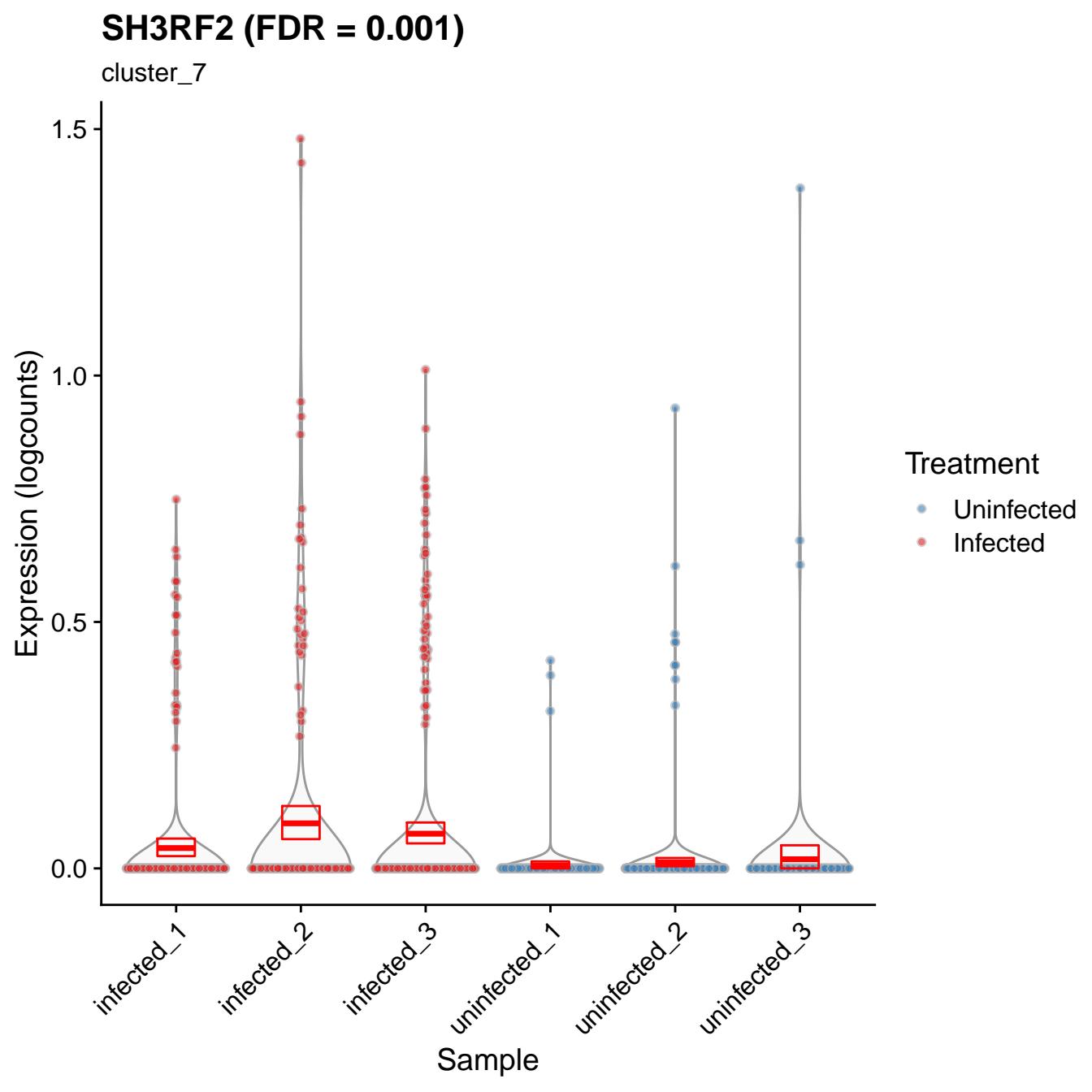
infected\_3

Sample

uninfected\_1

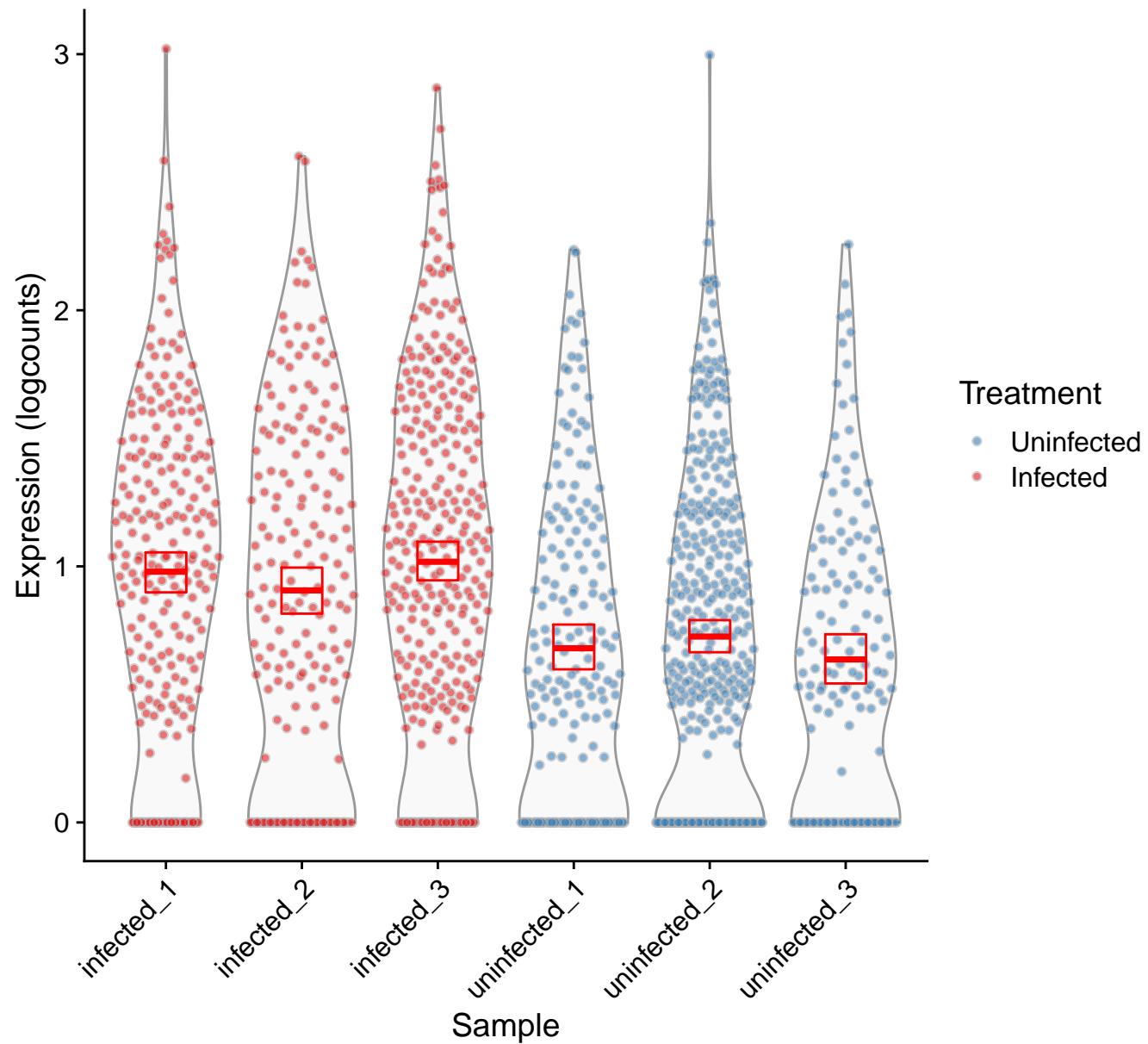
uninfected\_2

uninfected\_3



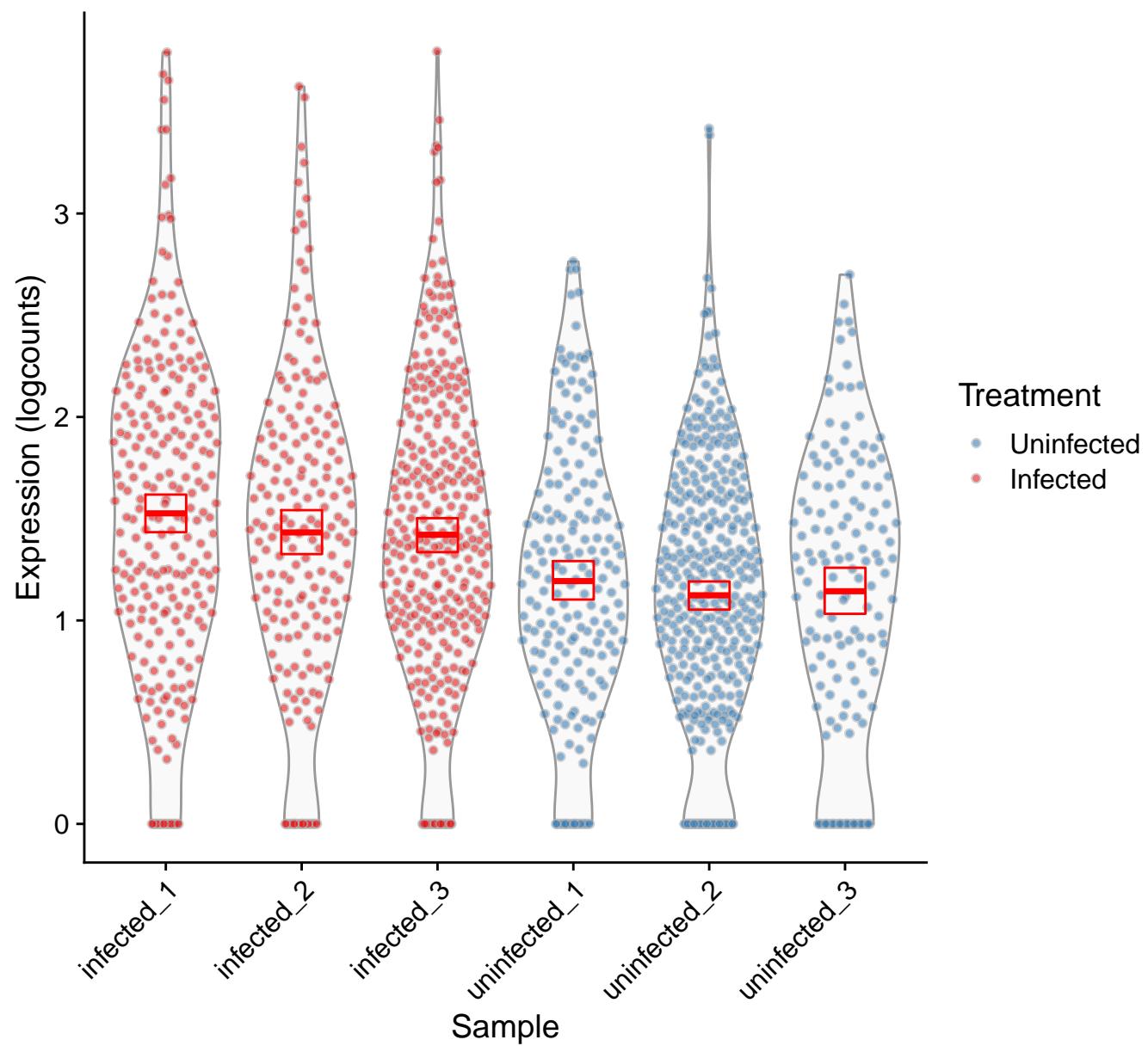
# VSIR (FDR = 0.001)

cluster\_7



# IRF1 (FDR = 0.001)

cluster\_7



# PARVG (FDR = 0.001)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

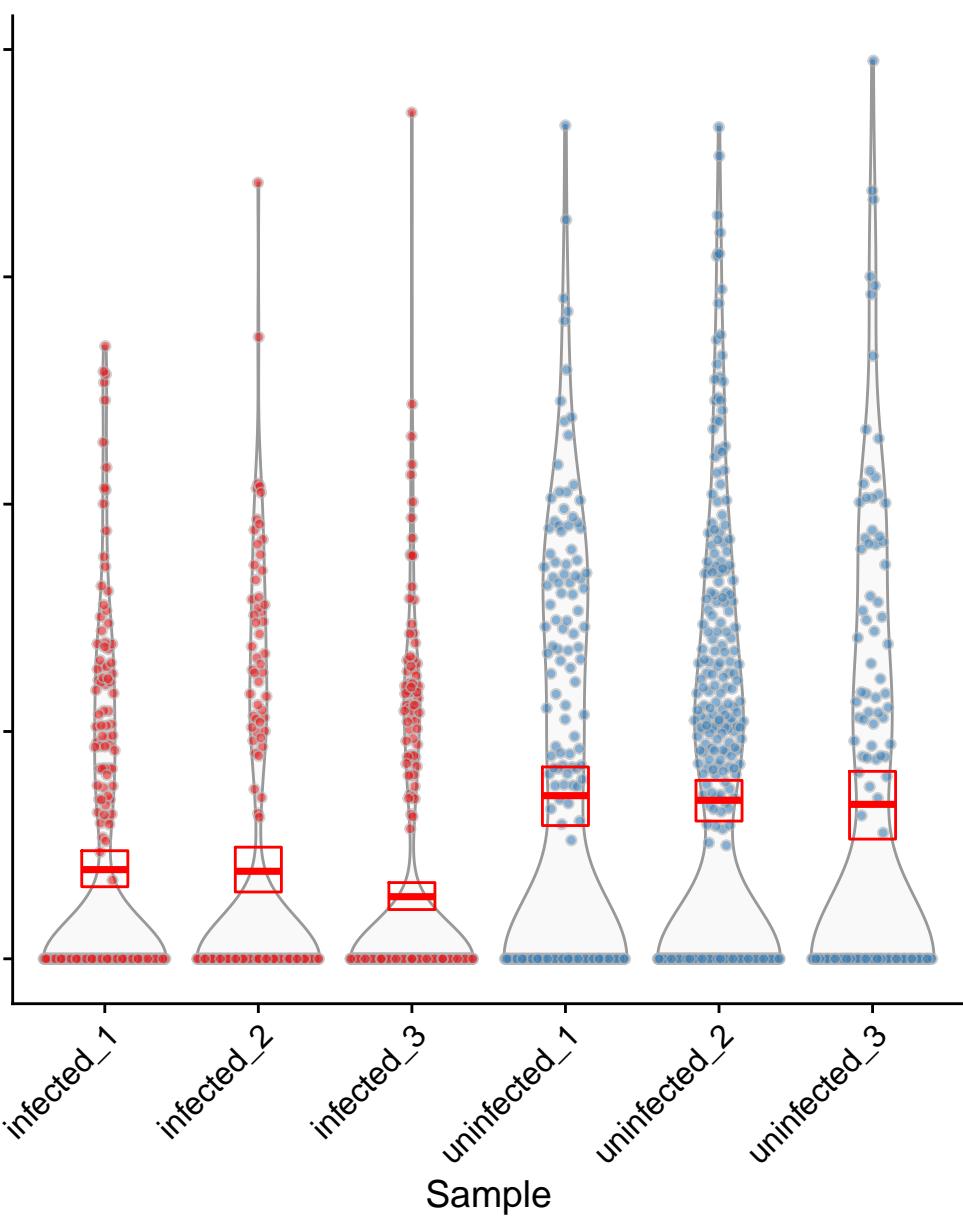
infected\_3

Sample

uninfected\_1

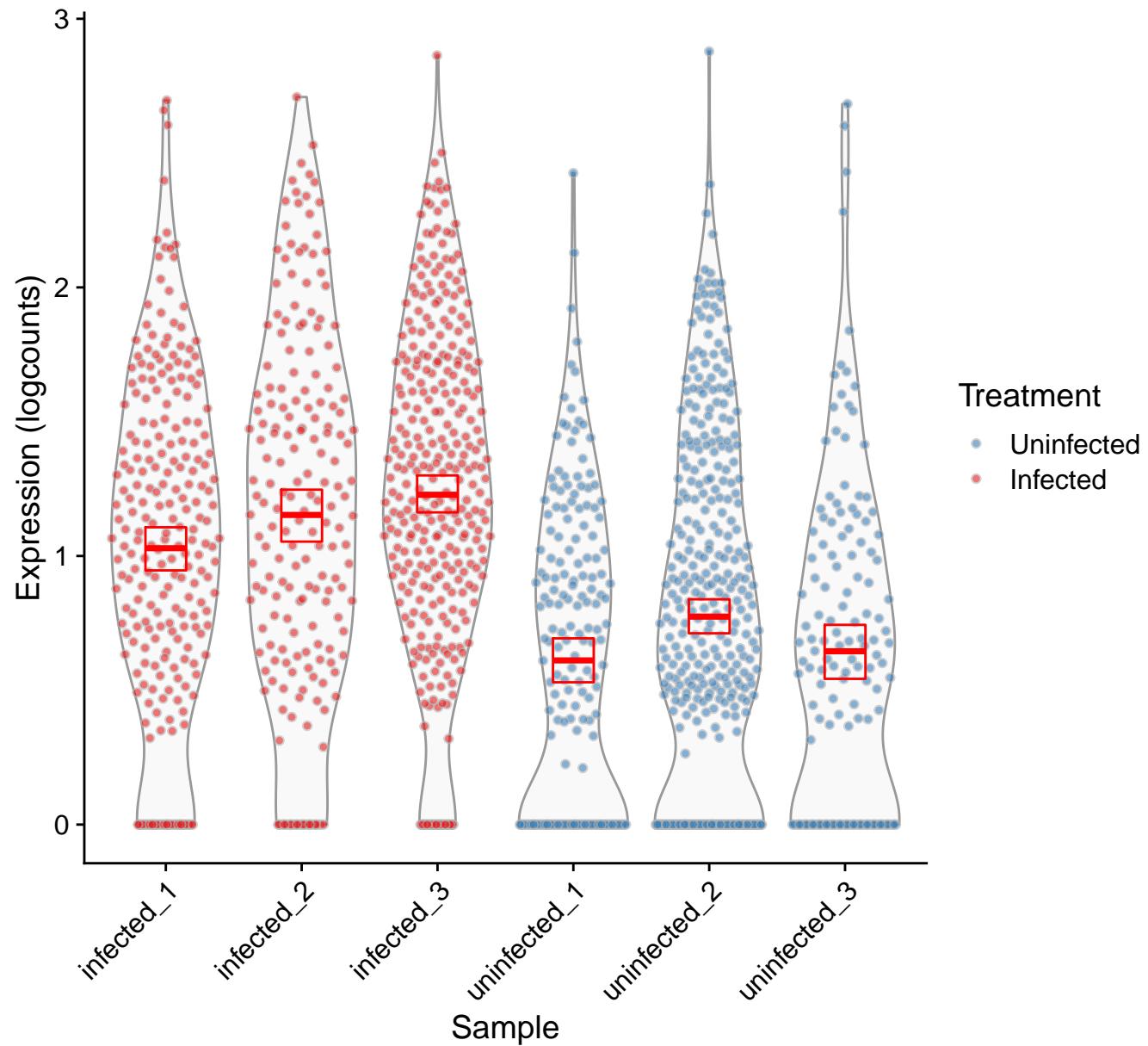
uninfected\_2

uninfected\_3



# DSTN (FDR = 0.002)

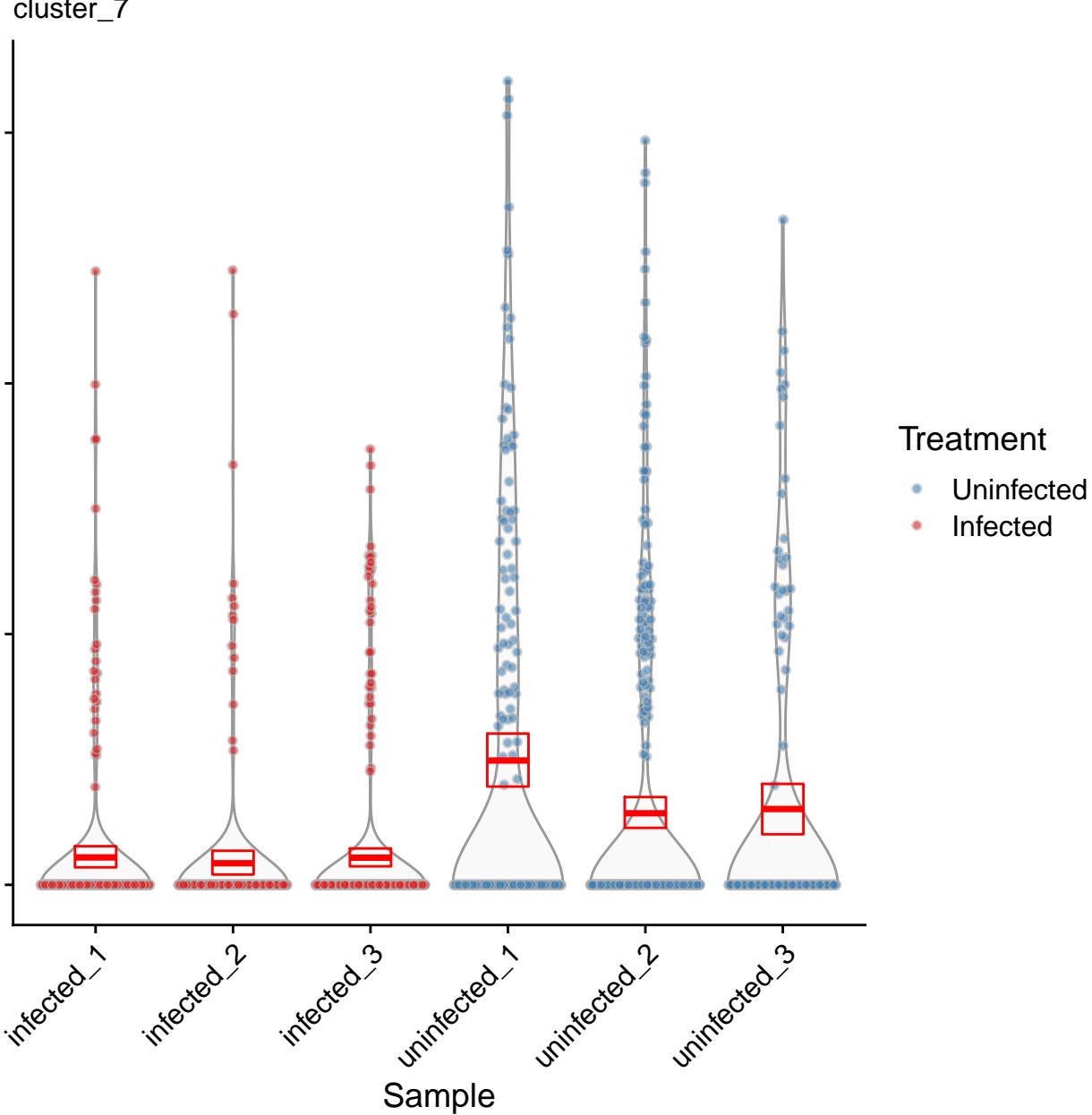
cluster\_7



# TBC1D4 (FDR = 0.002)

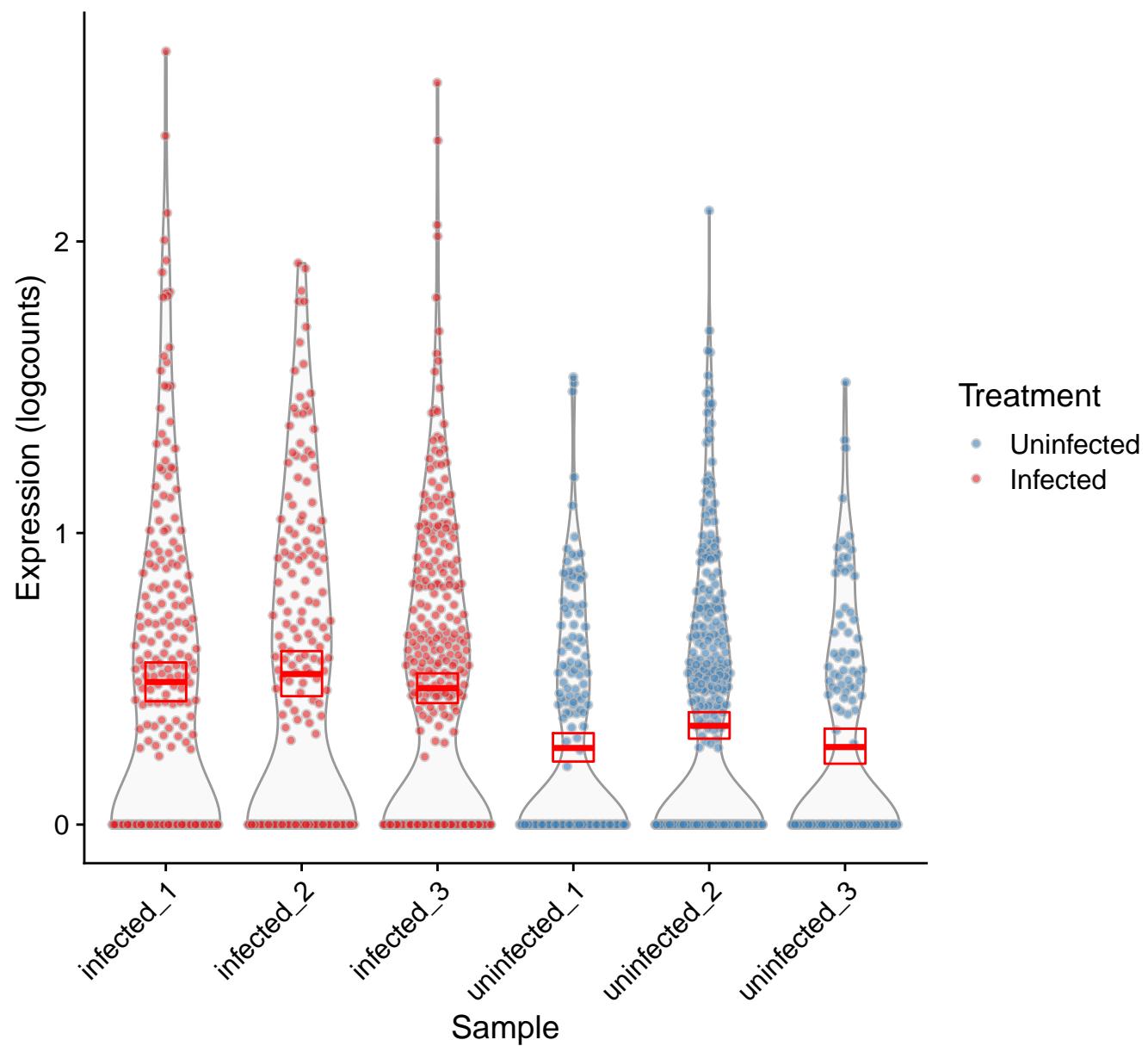
cluster\_7

Expression (logcounts)



# RRBP1 (FDR = 0.002)

cluster\_7



# LINC01891 (FDR = 0.002)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

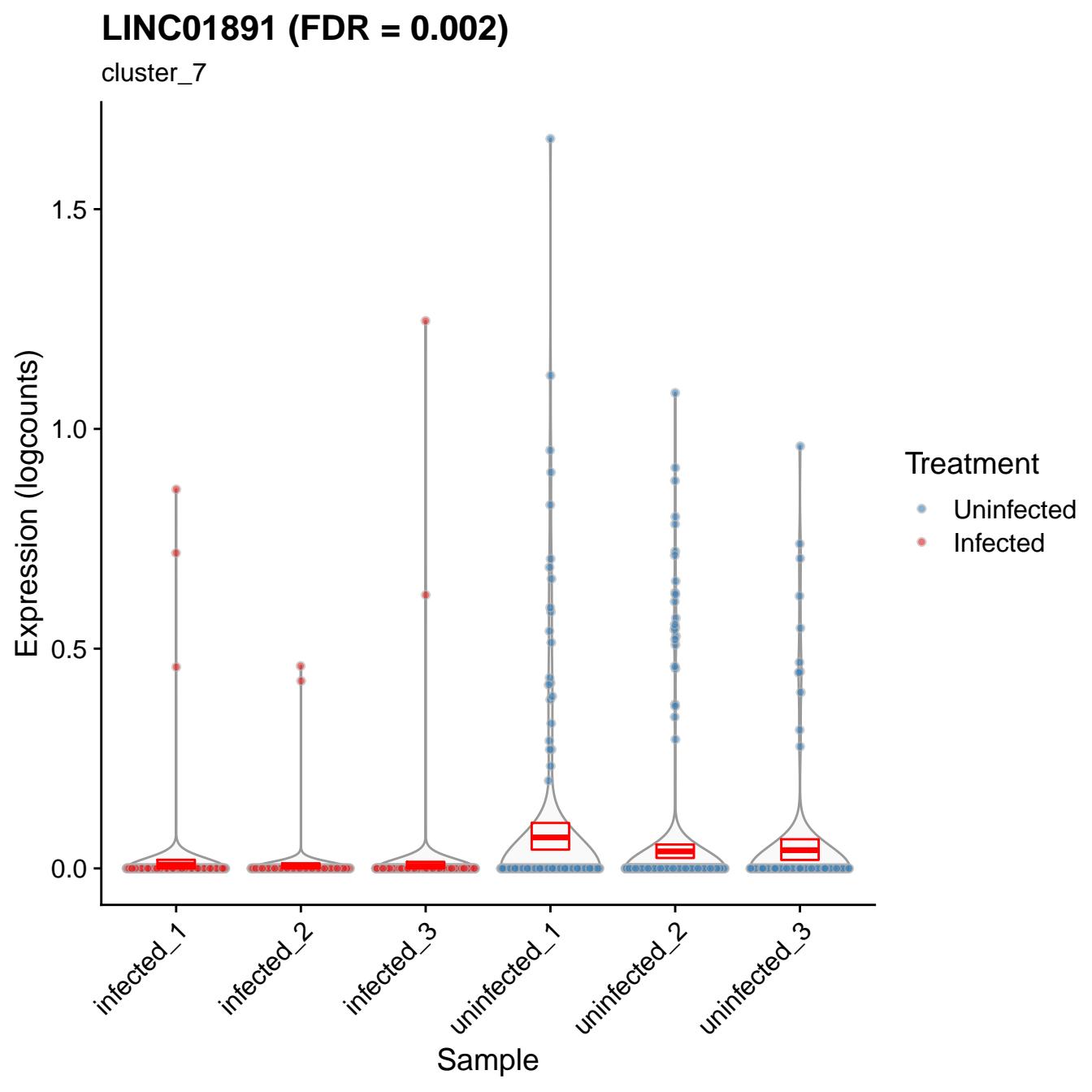
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# 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

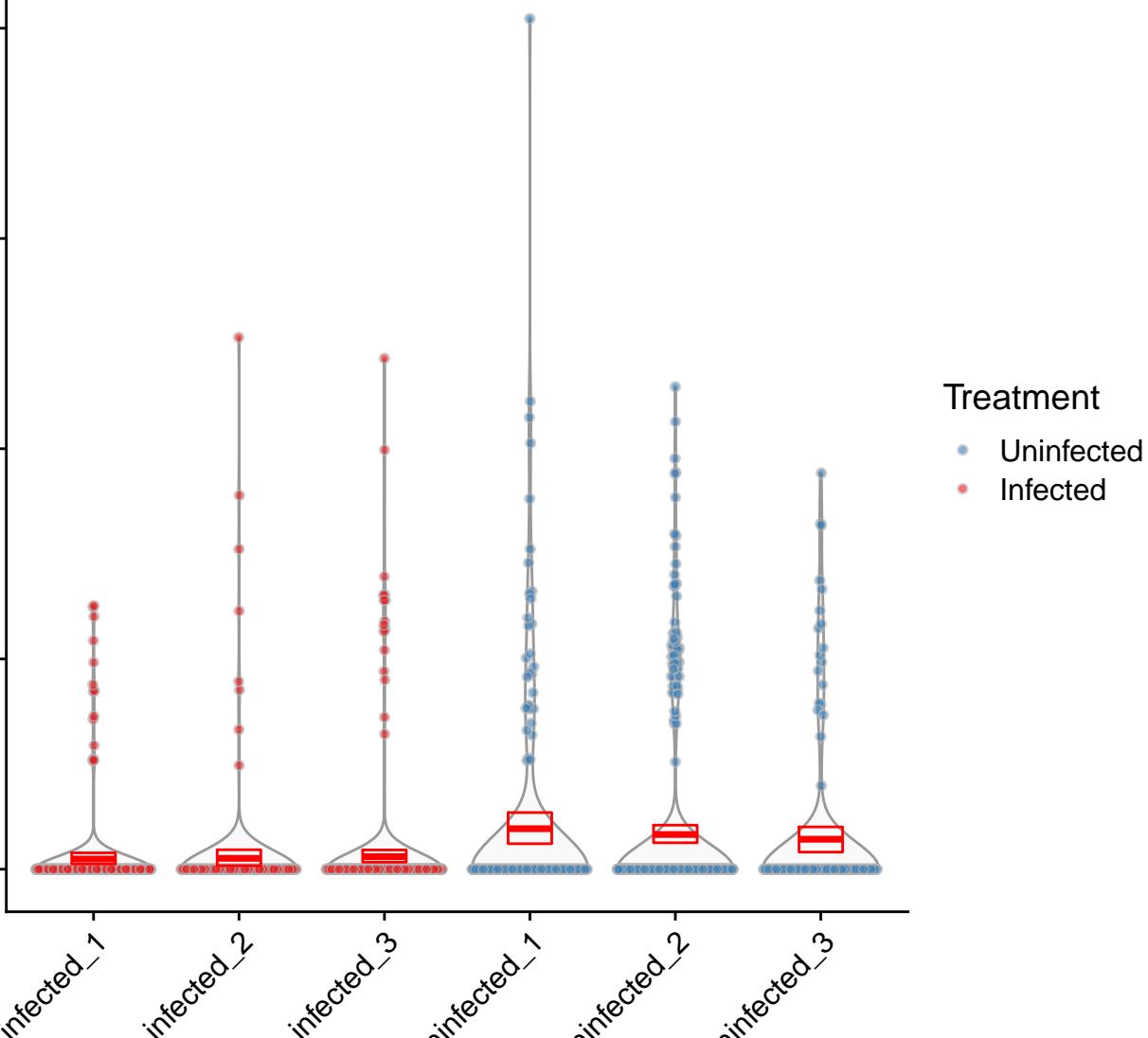
infected\_3

Sample

uninfected\_1

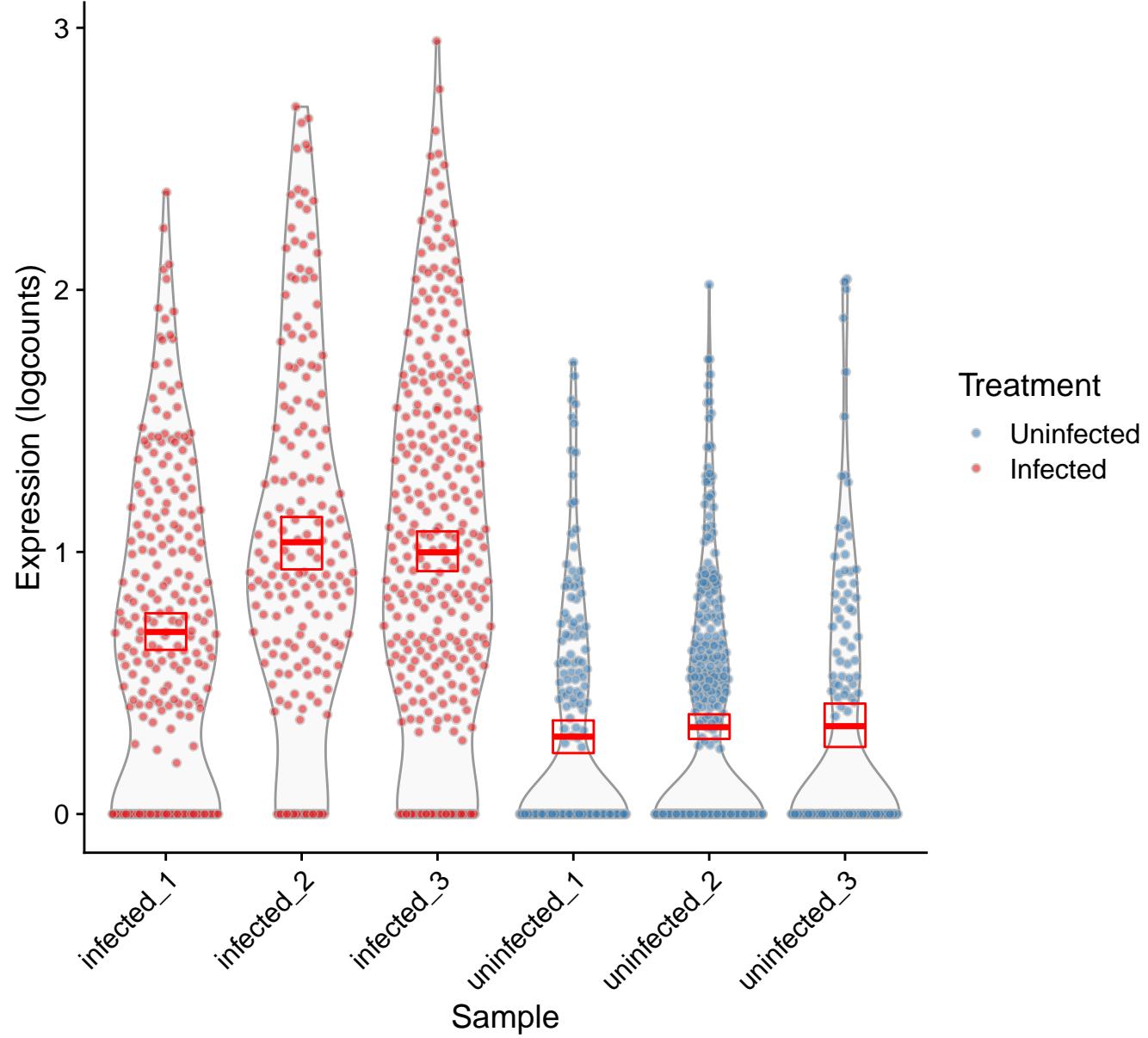
uninfected\_2

uninfected\_3



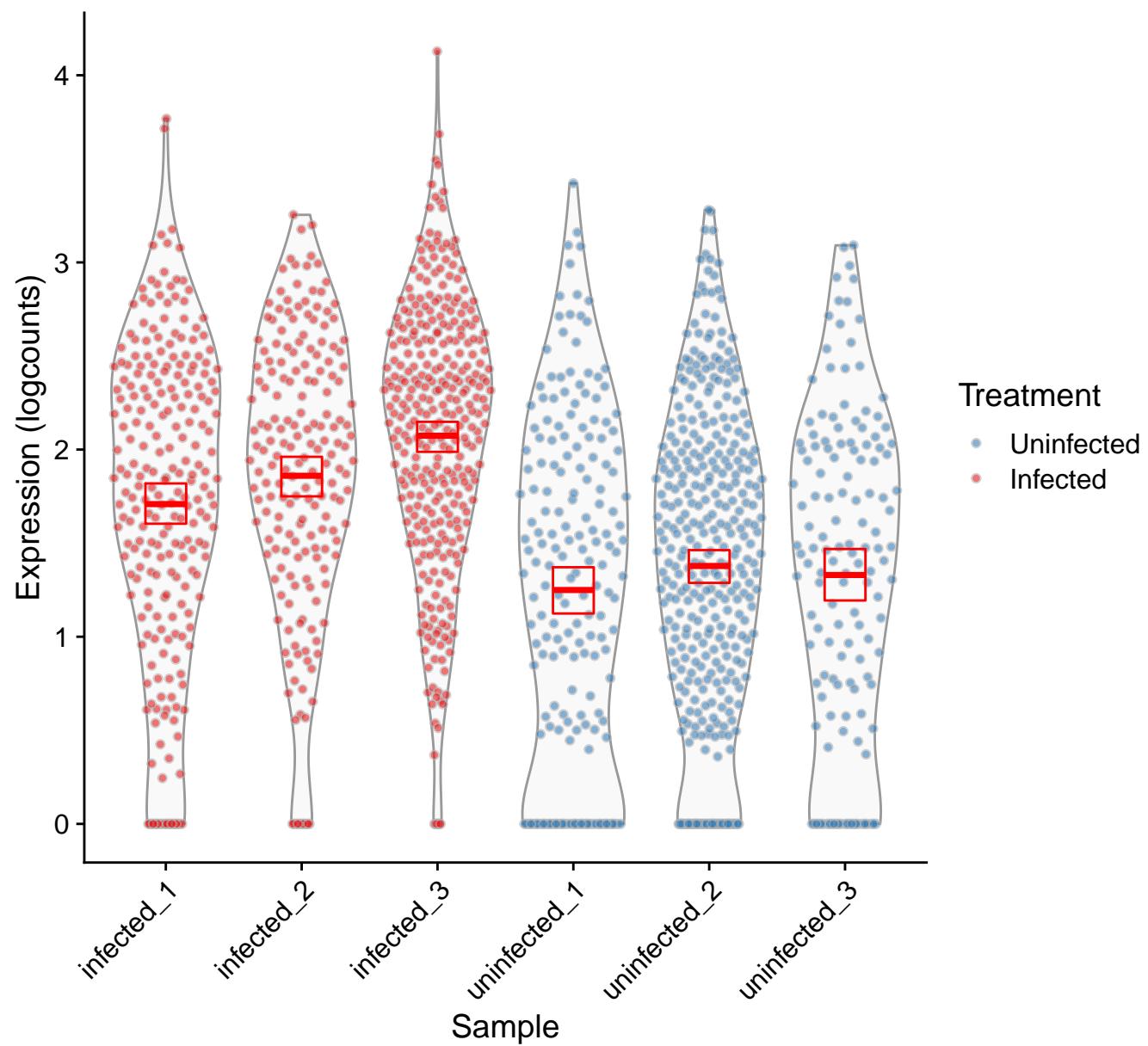
# CBLB (FDR = 0.002)

cluster\_7



# CXCR3 (FDR = 0.002)

cluster\_7



# CADM1 (FDR = 0.002)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

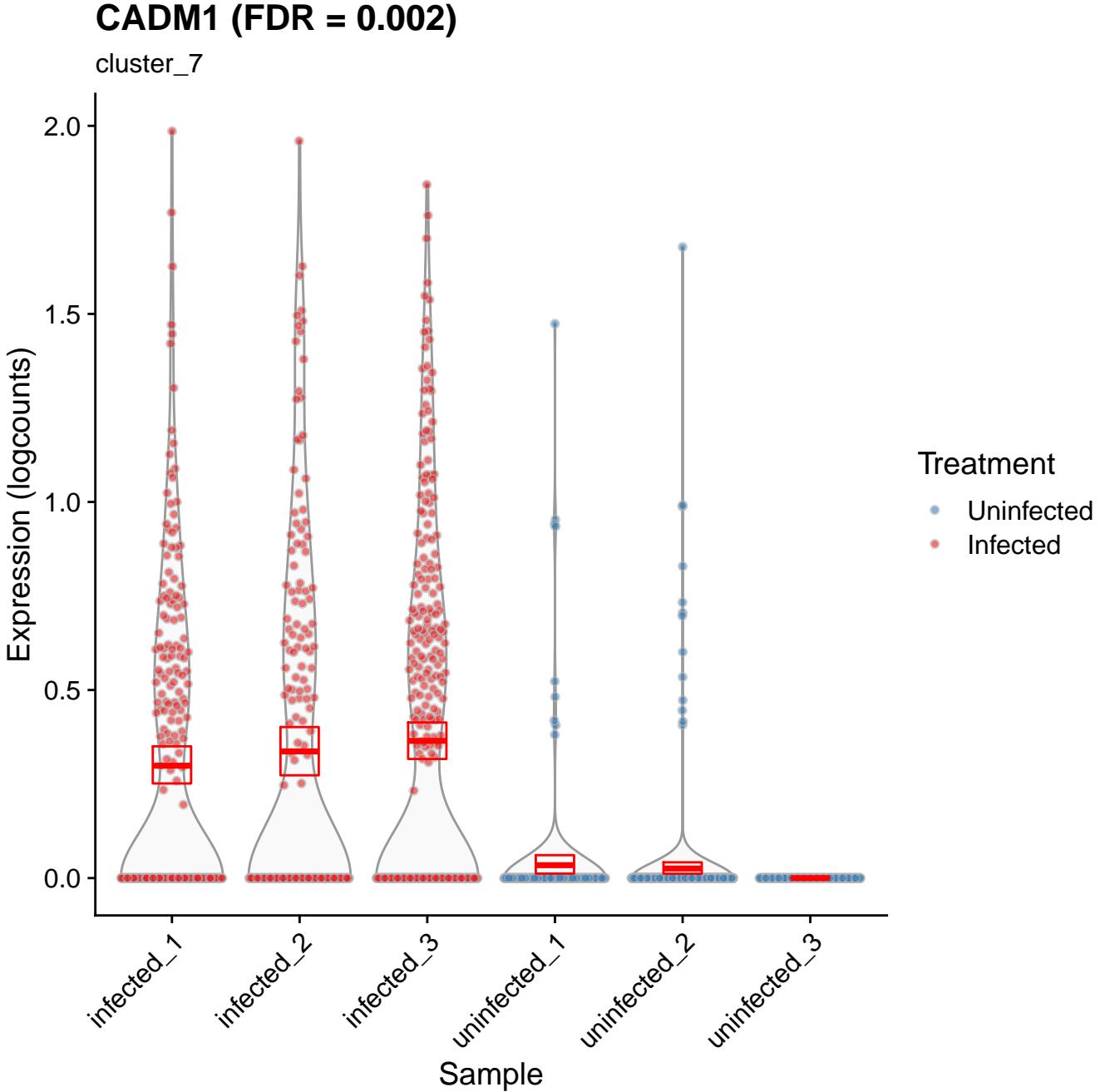
infected\_3

Sample

uninfected\_1

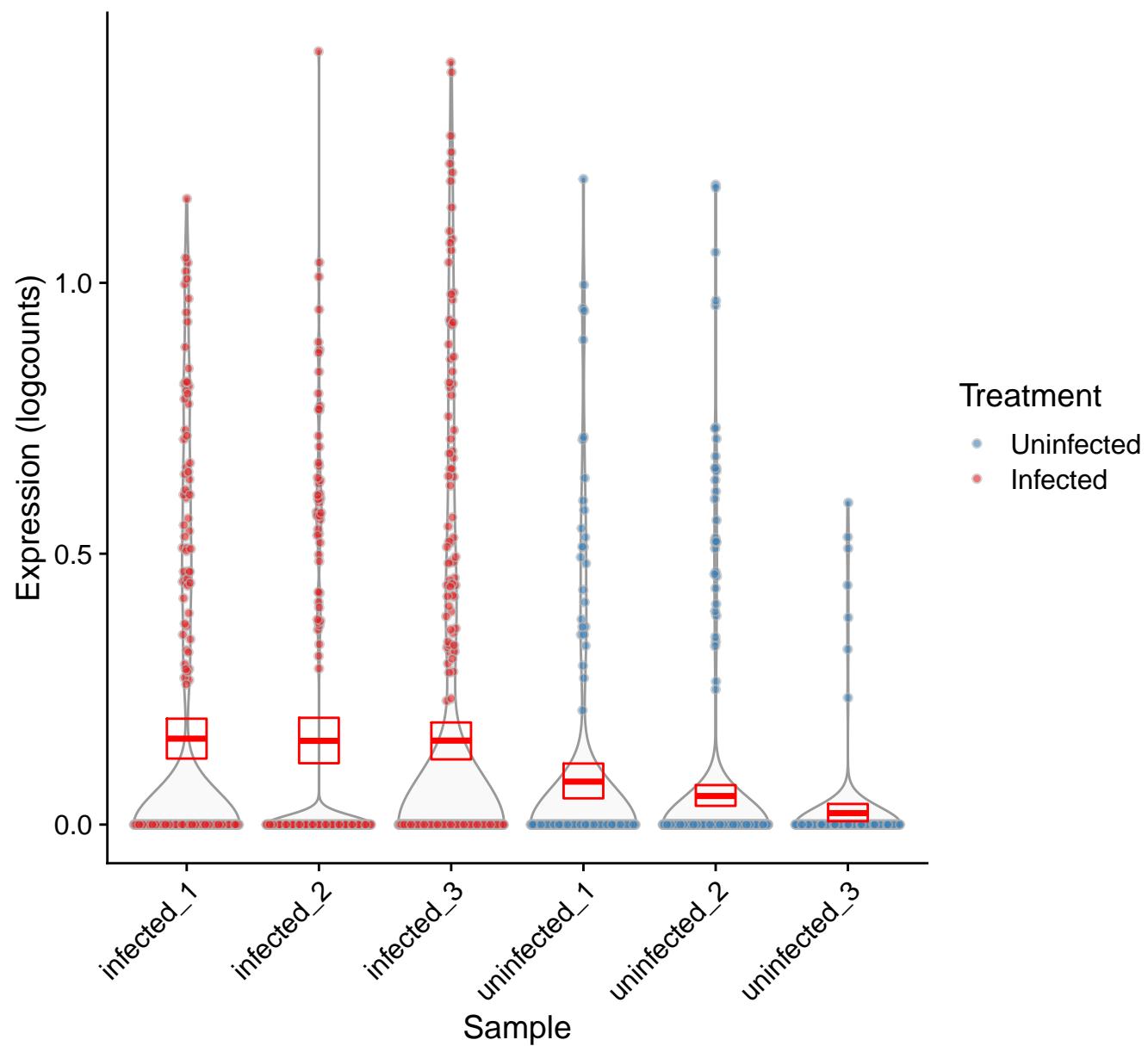
uninfected\_2

uninfected\_3



# AIM2 (FDR = 0.002)

cluster\_7



# LHFPL3 (FDR = 0.002)

cluster\_7

Expression (logcounts)

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

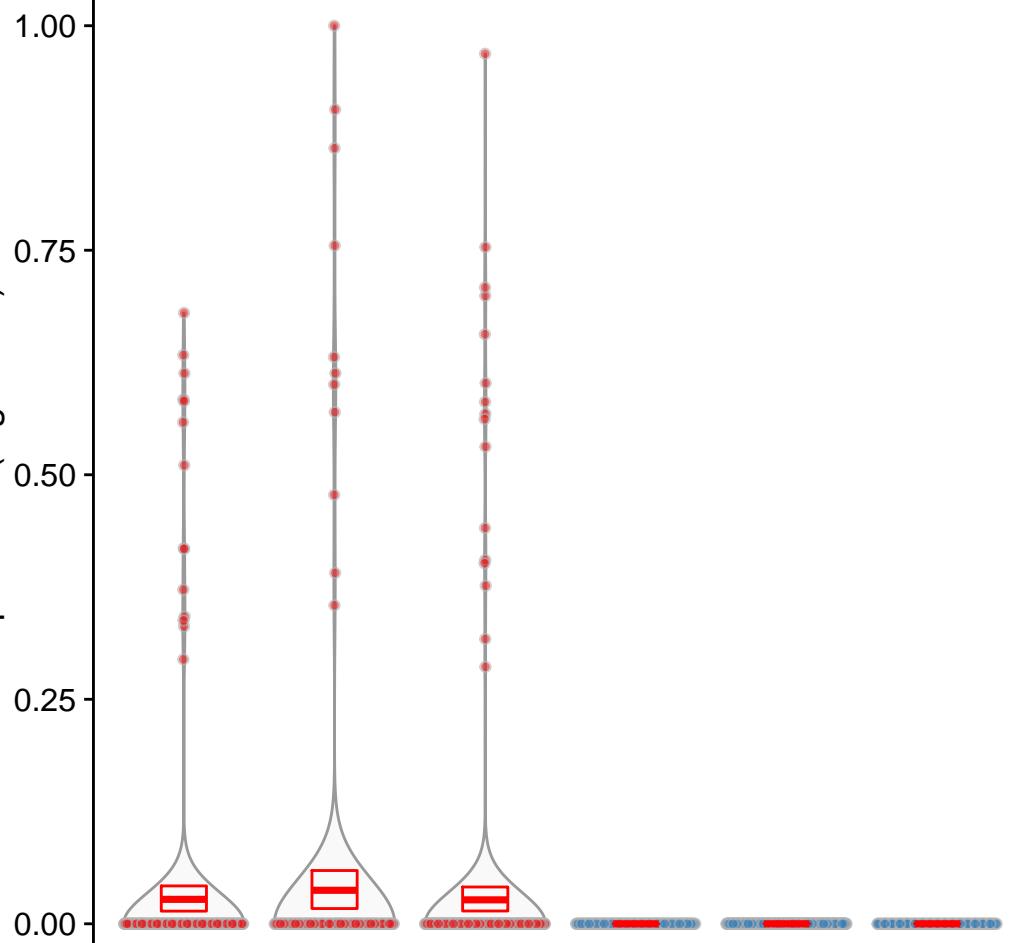
infected\_3

uninfected\_1

uninfected\_2

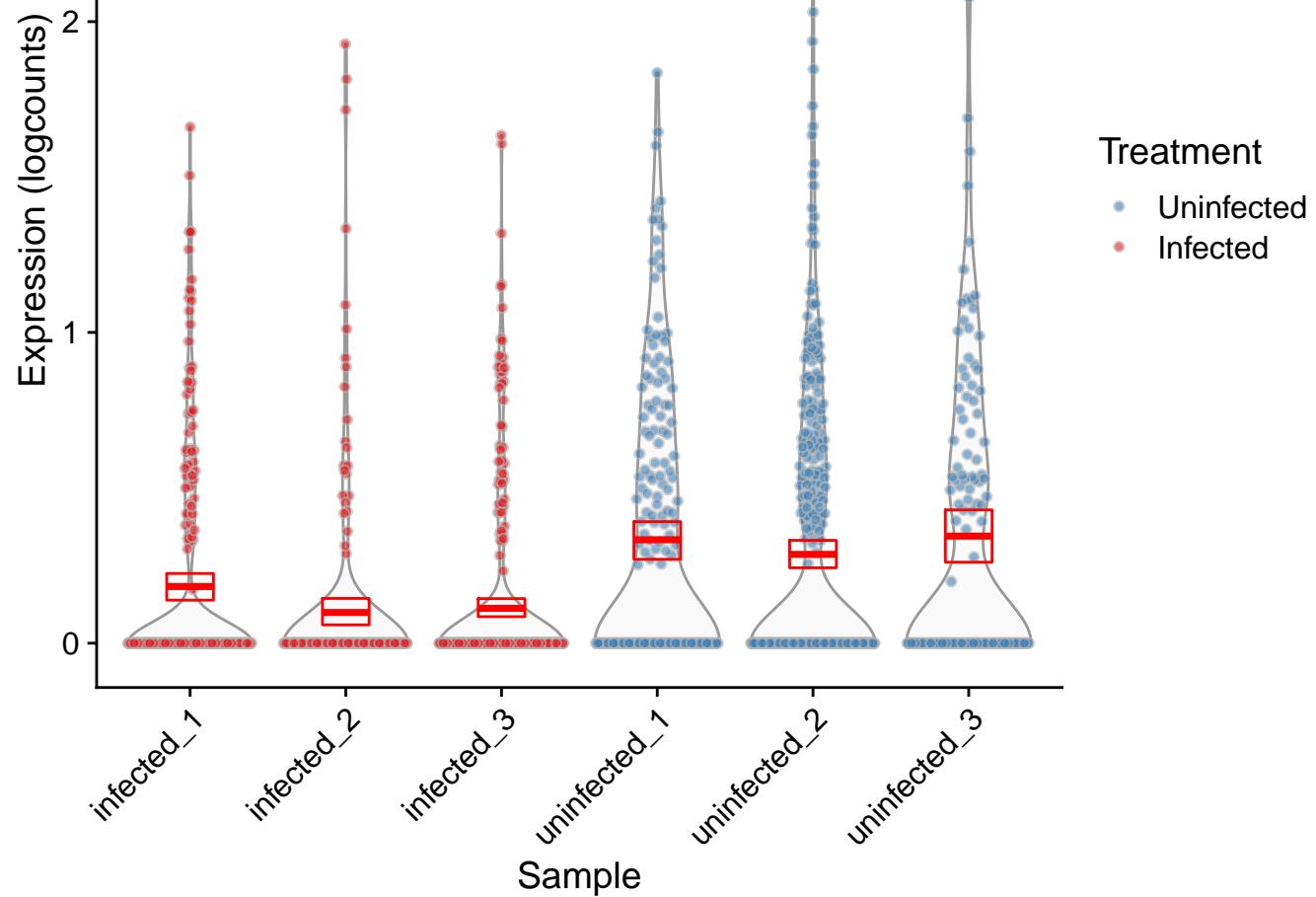
uninfected\_3

Sample



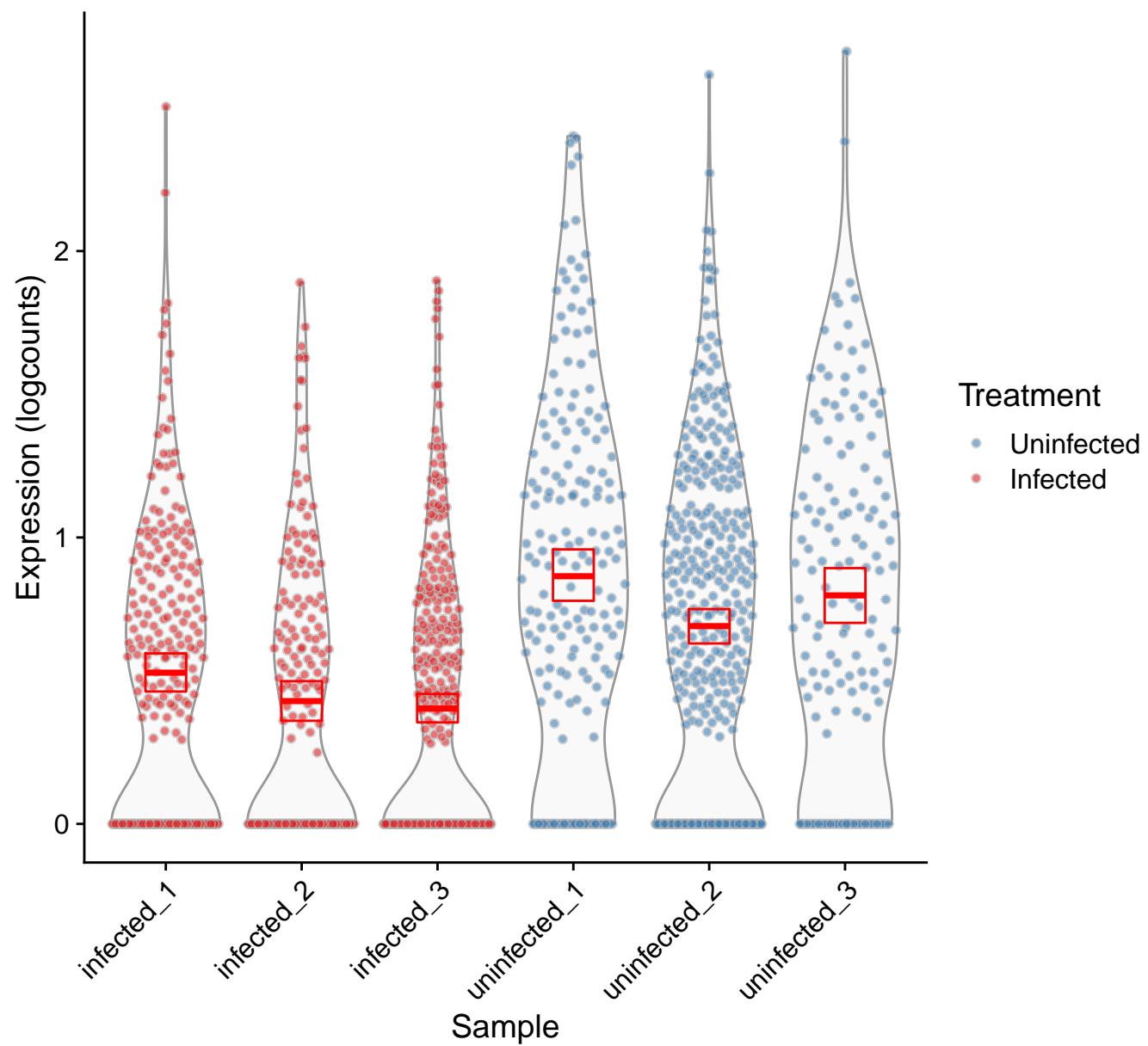
# F5 (FDR = 0.002)

cluster\_7



# DNPH1 (FDR = 0.002)

cluster\_7



# MTX3 (FDR = 0.003)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

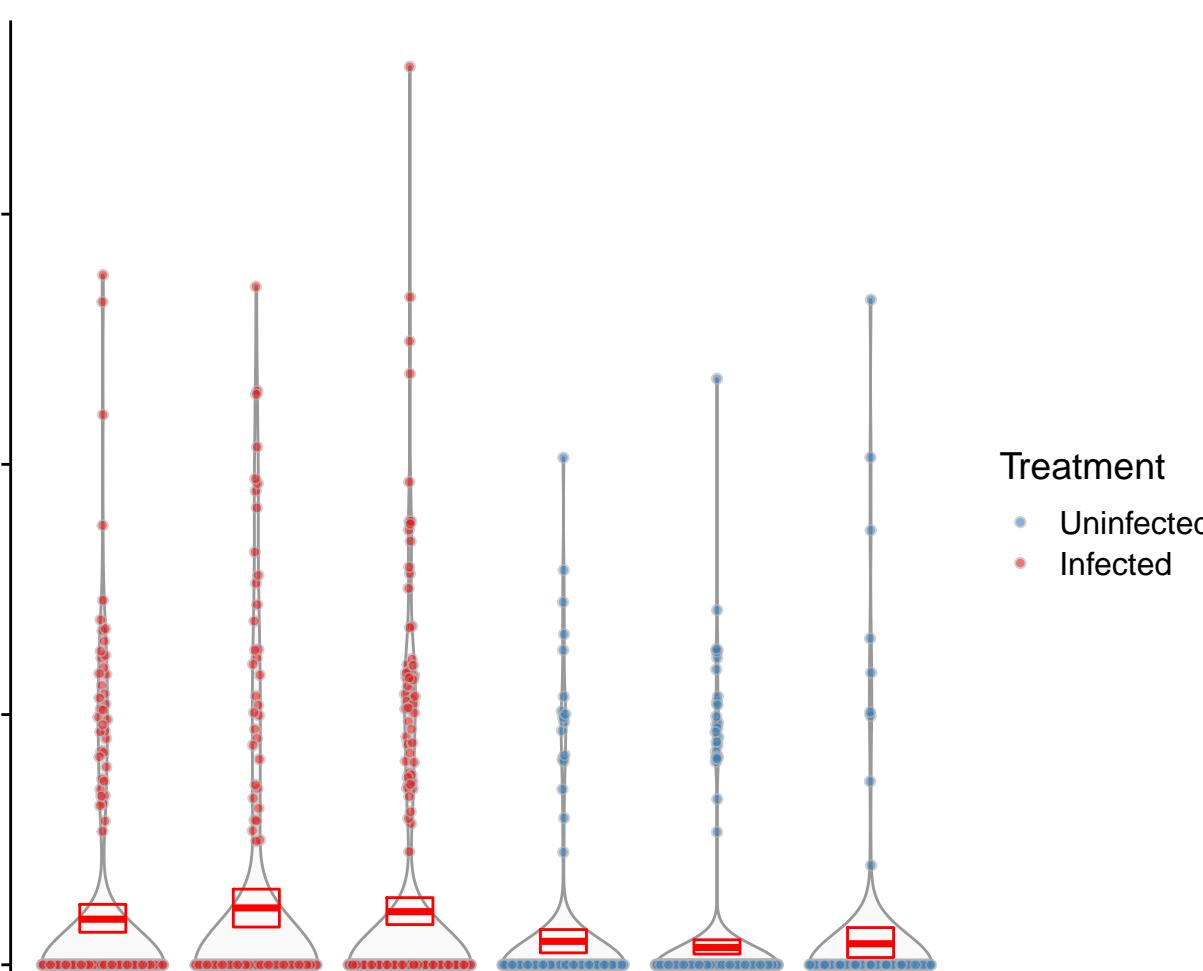
infected\_3

Sample

uninfected\_1

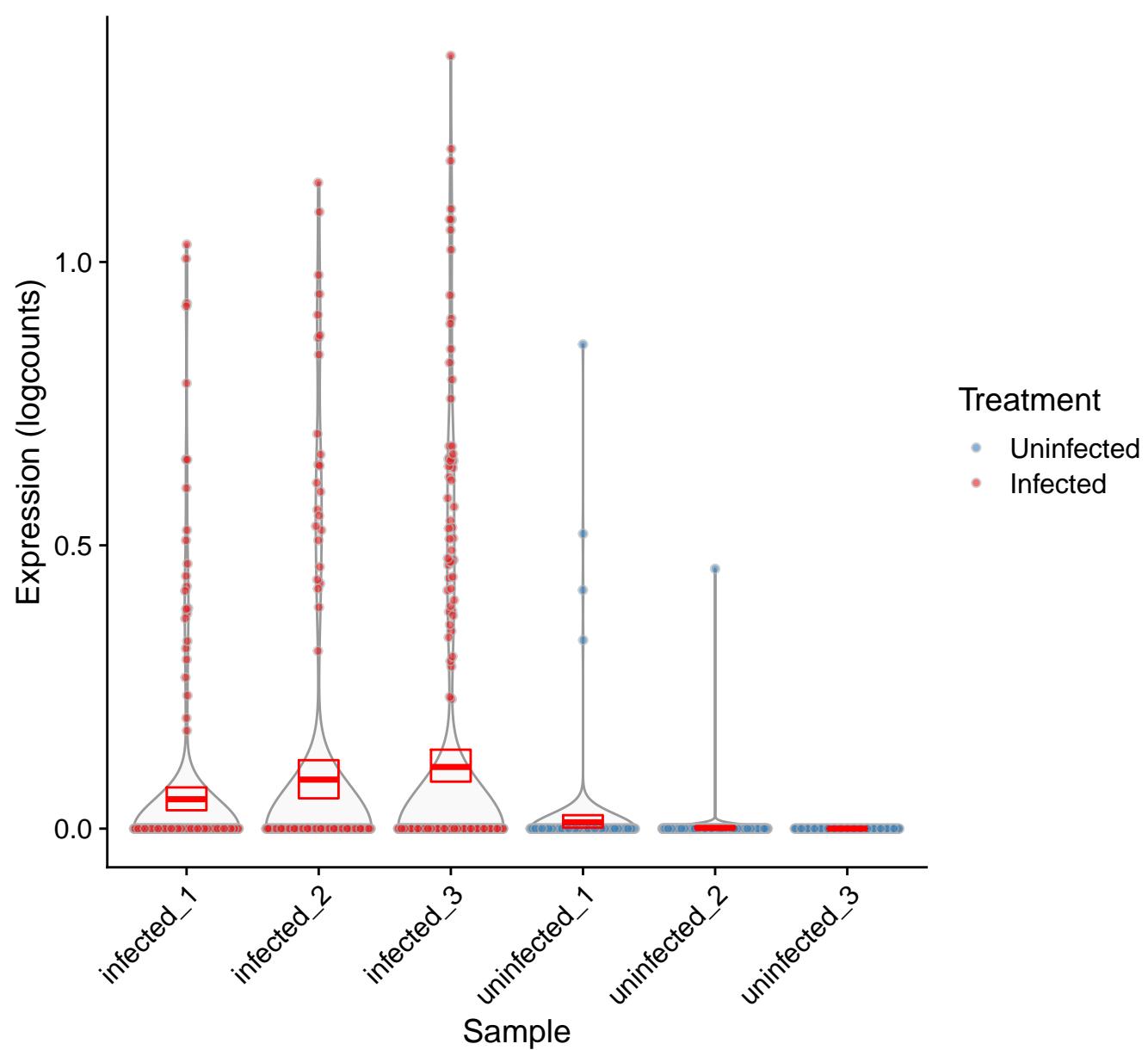
uninfected\_2

uninfected\_3



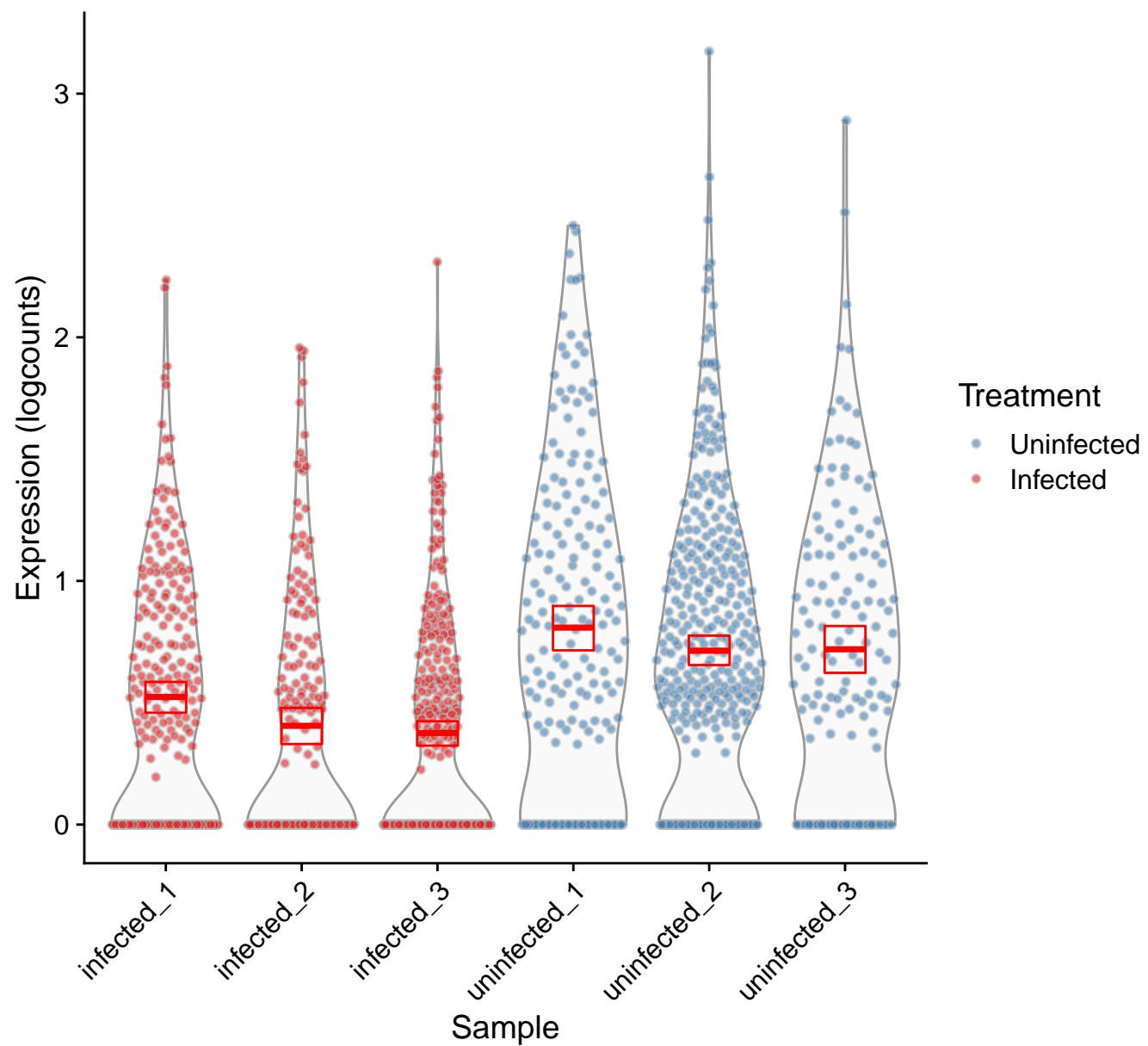
# MYOF (FDR = 0.003)

cluster\_7



# GLRX (FDR = 0.003)

cluster\_7



# 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

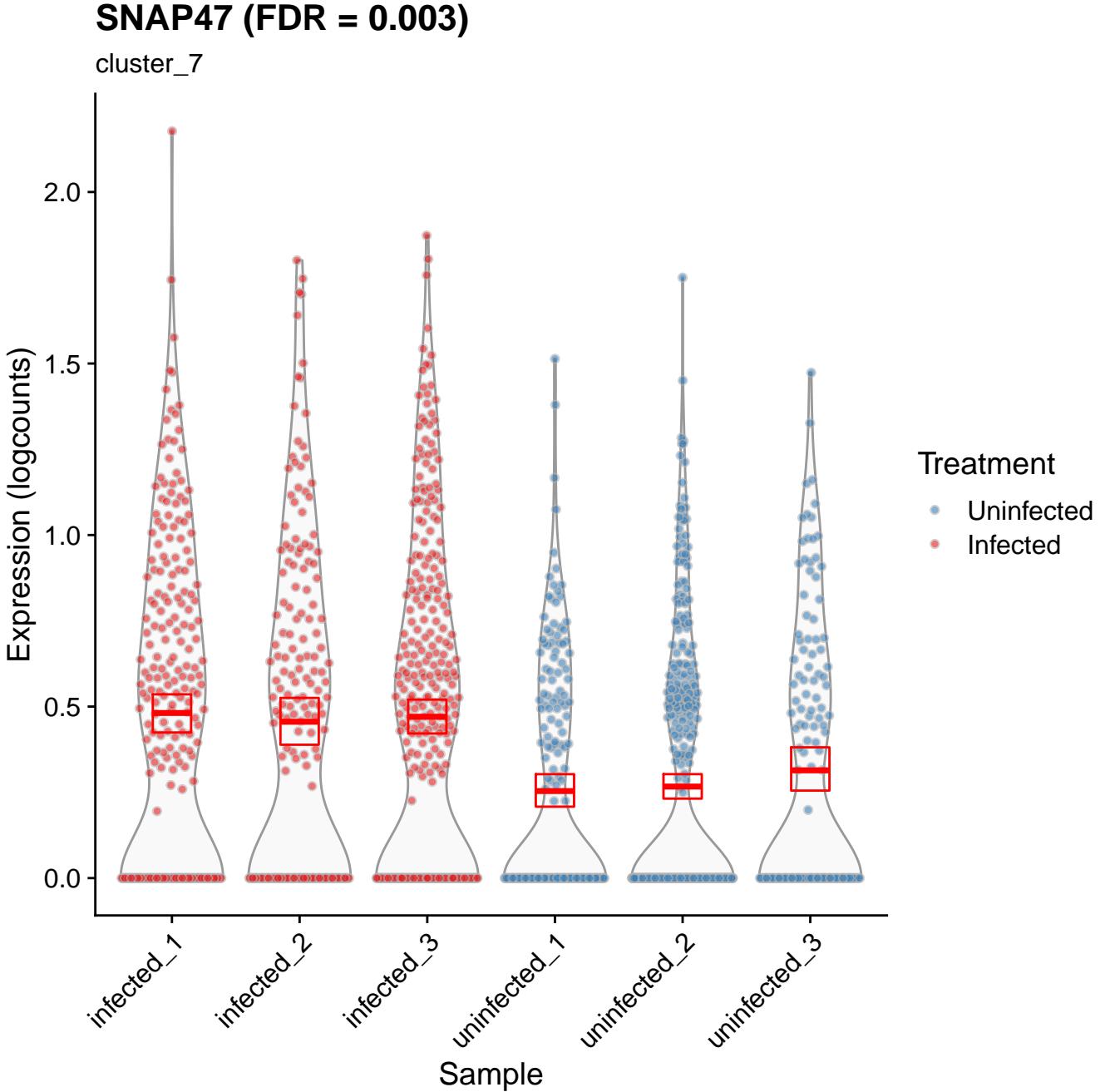
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# DAPK2 (FDR = 0.003)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

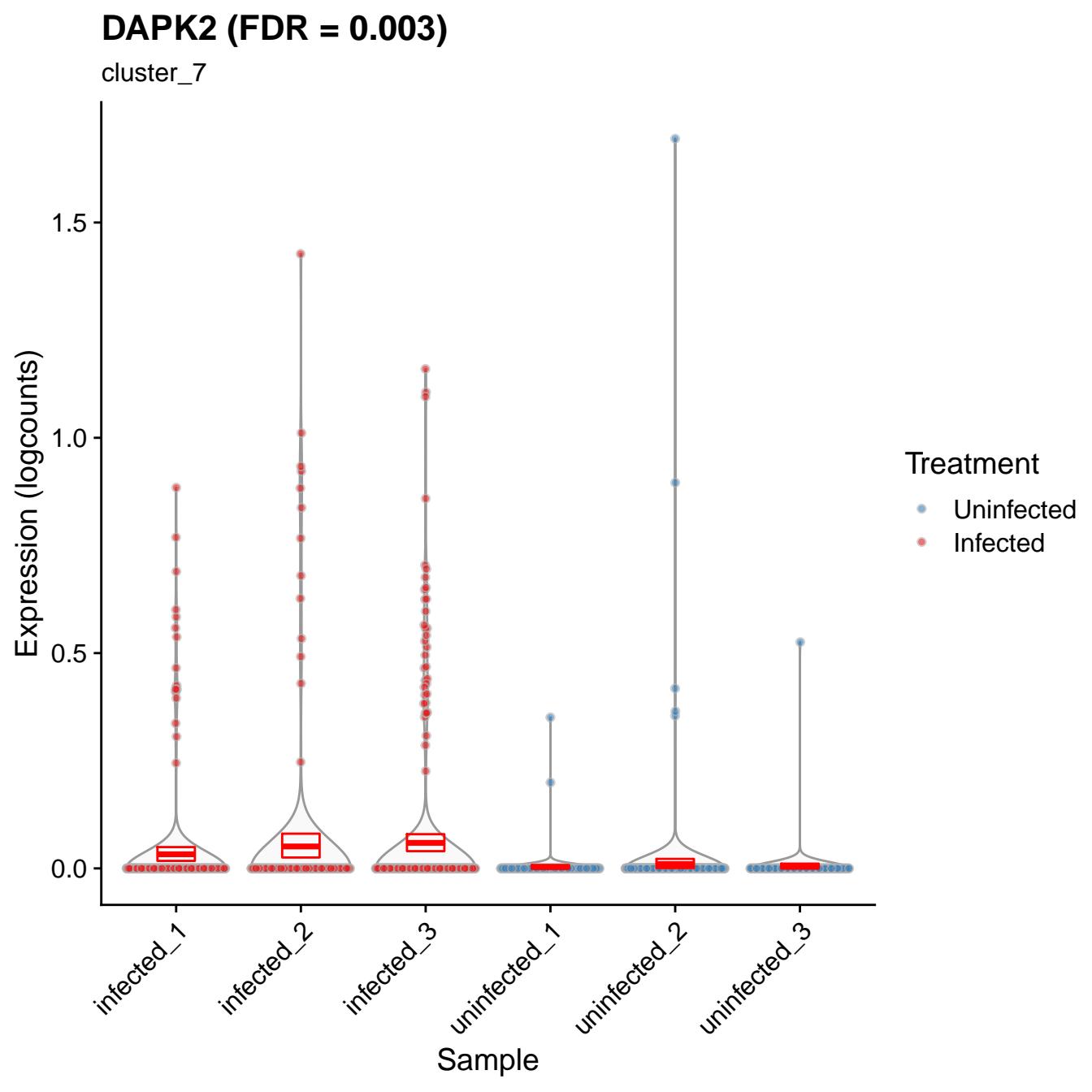
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# CCNE1 (FDR = 0.003)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

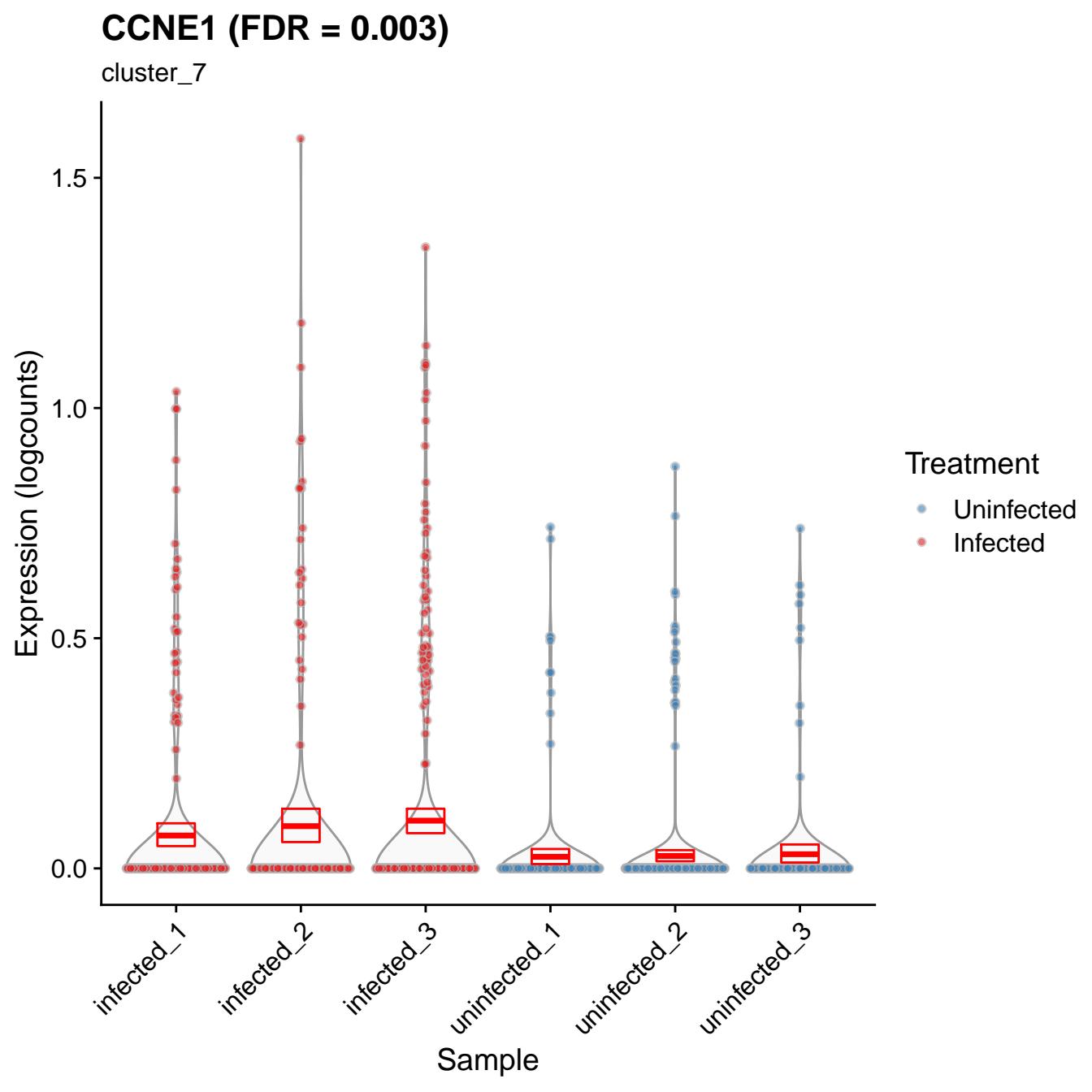
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# JAKMIP1 (FDR = 0.003)

cluster\_7

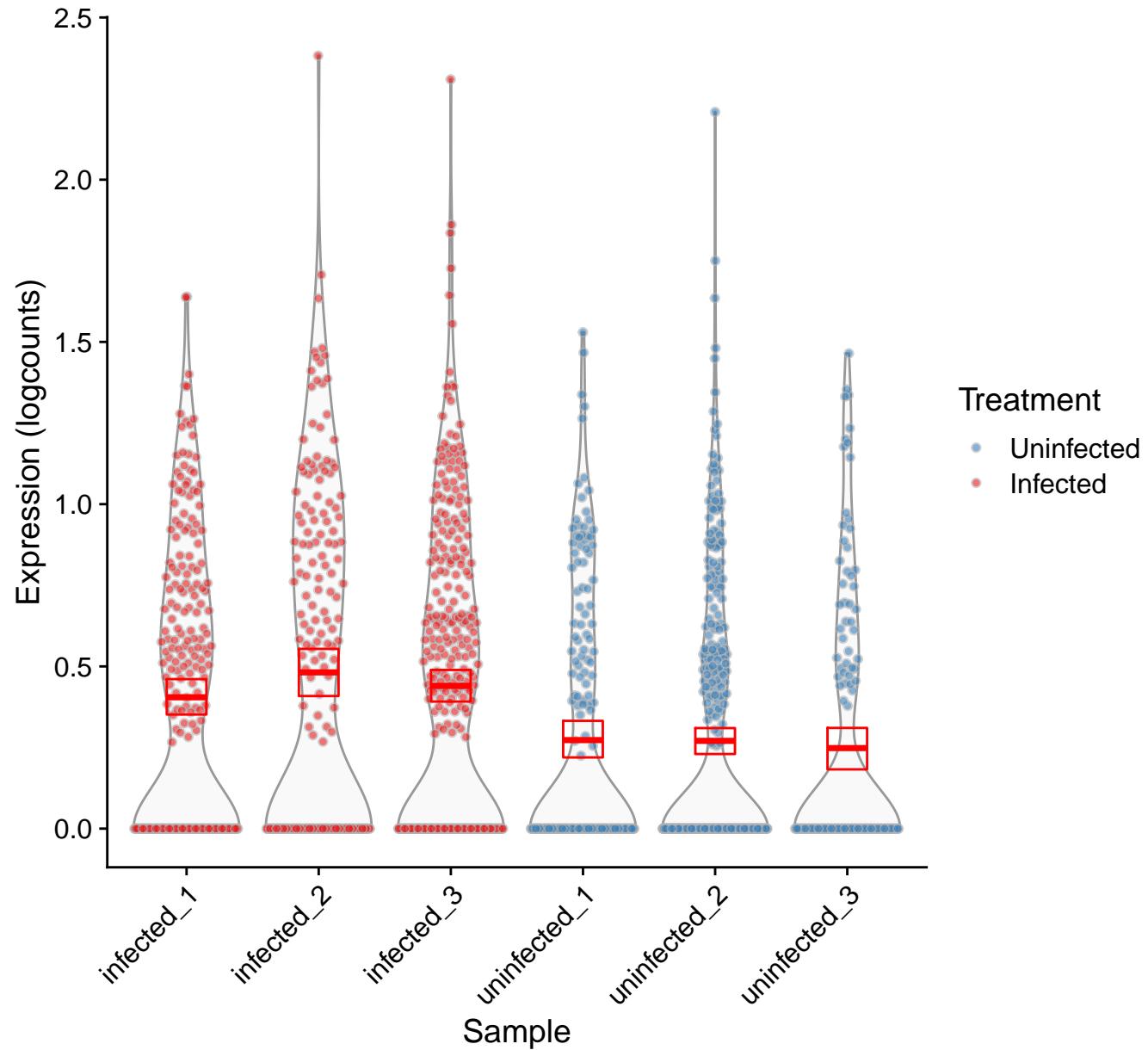
Expression (logcounts)

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



# 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

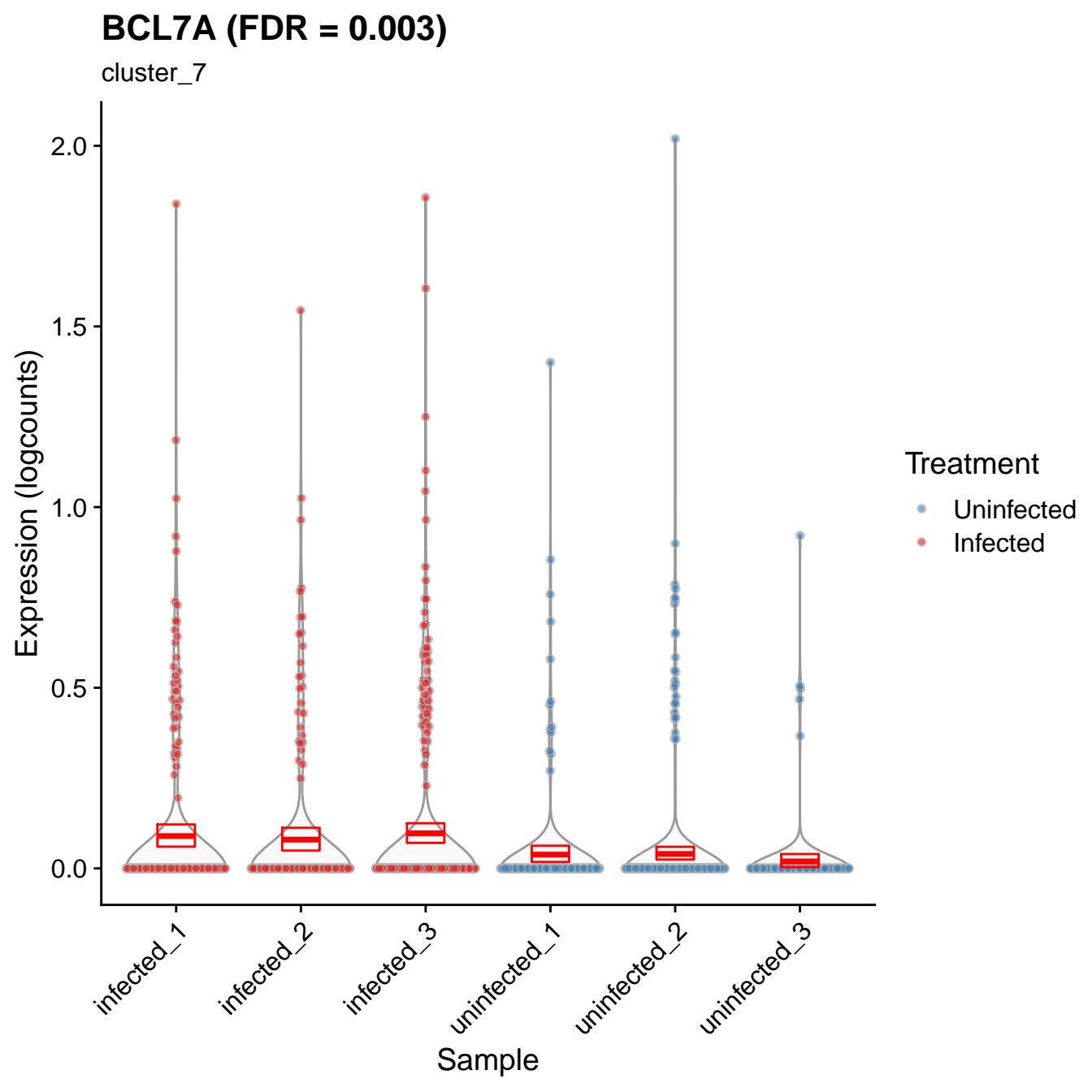
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# SAMHD1 (FDR = 0.003)

cluster\_7

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

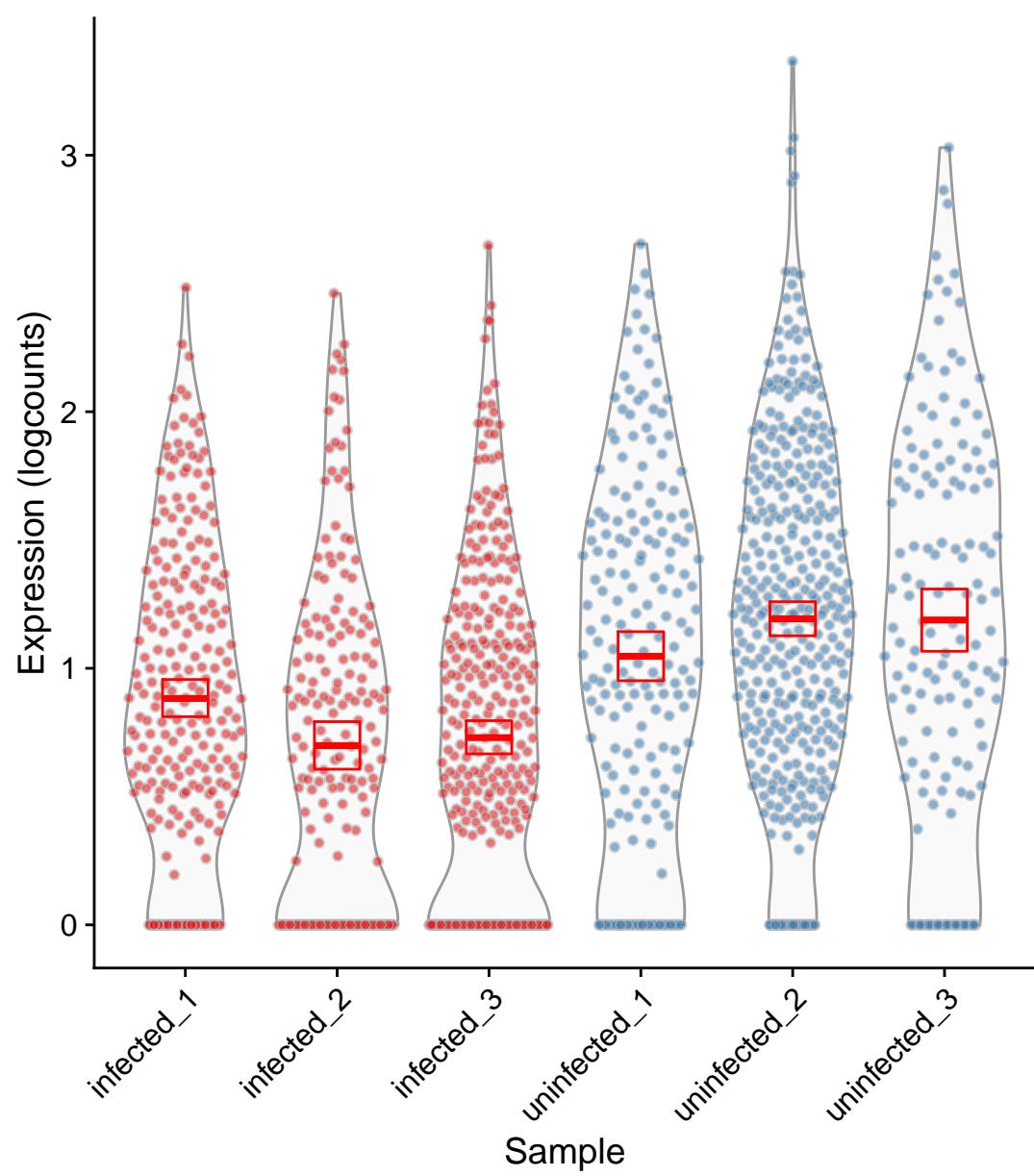
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# IL21R (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

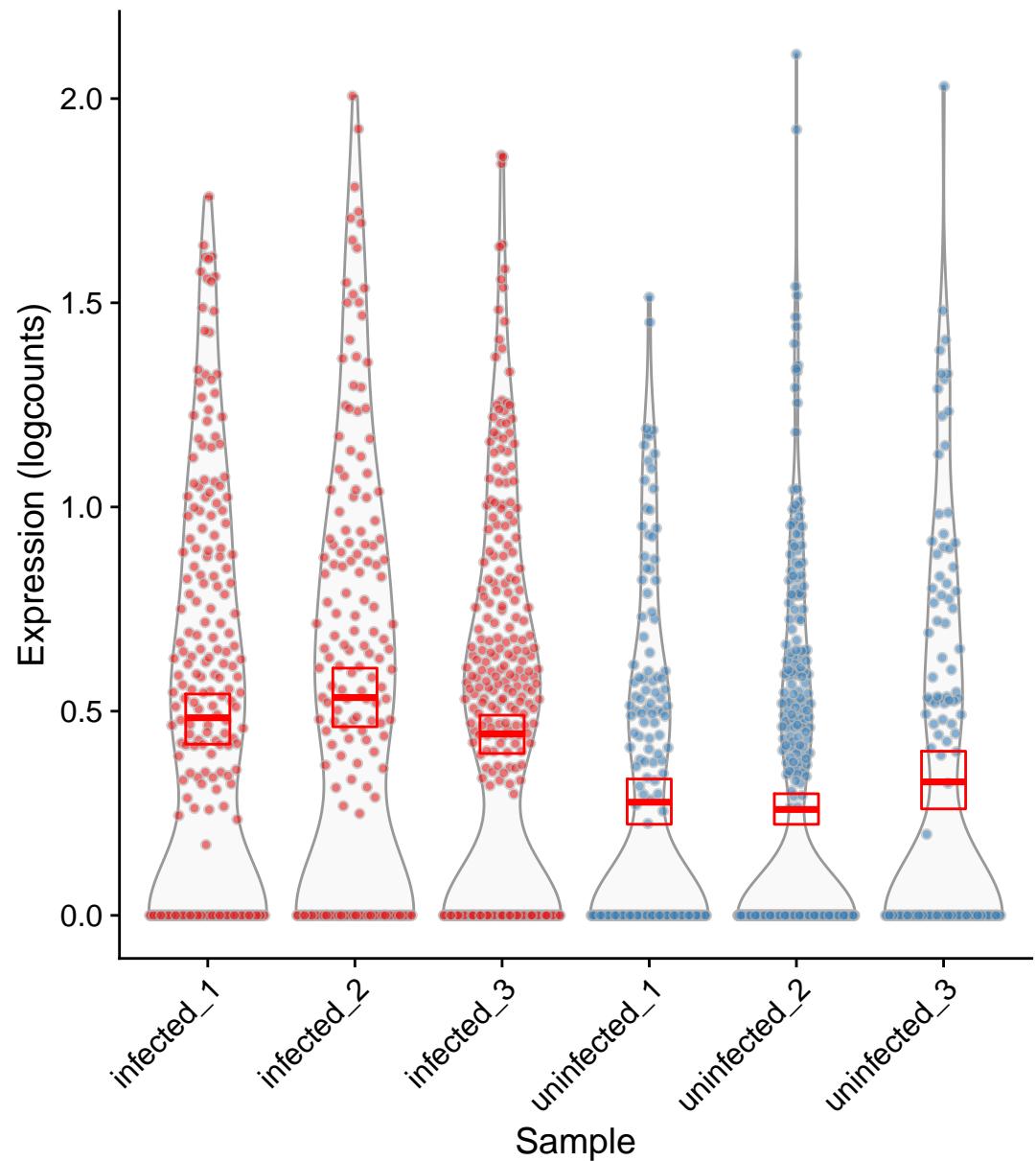
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# TMEM263 (FDR = 0.003)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

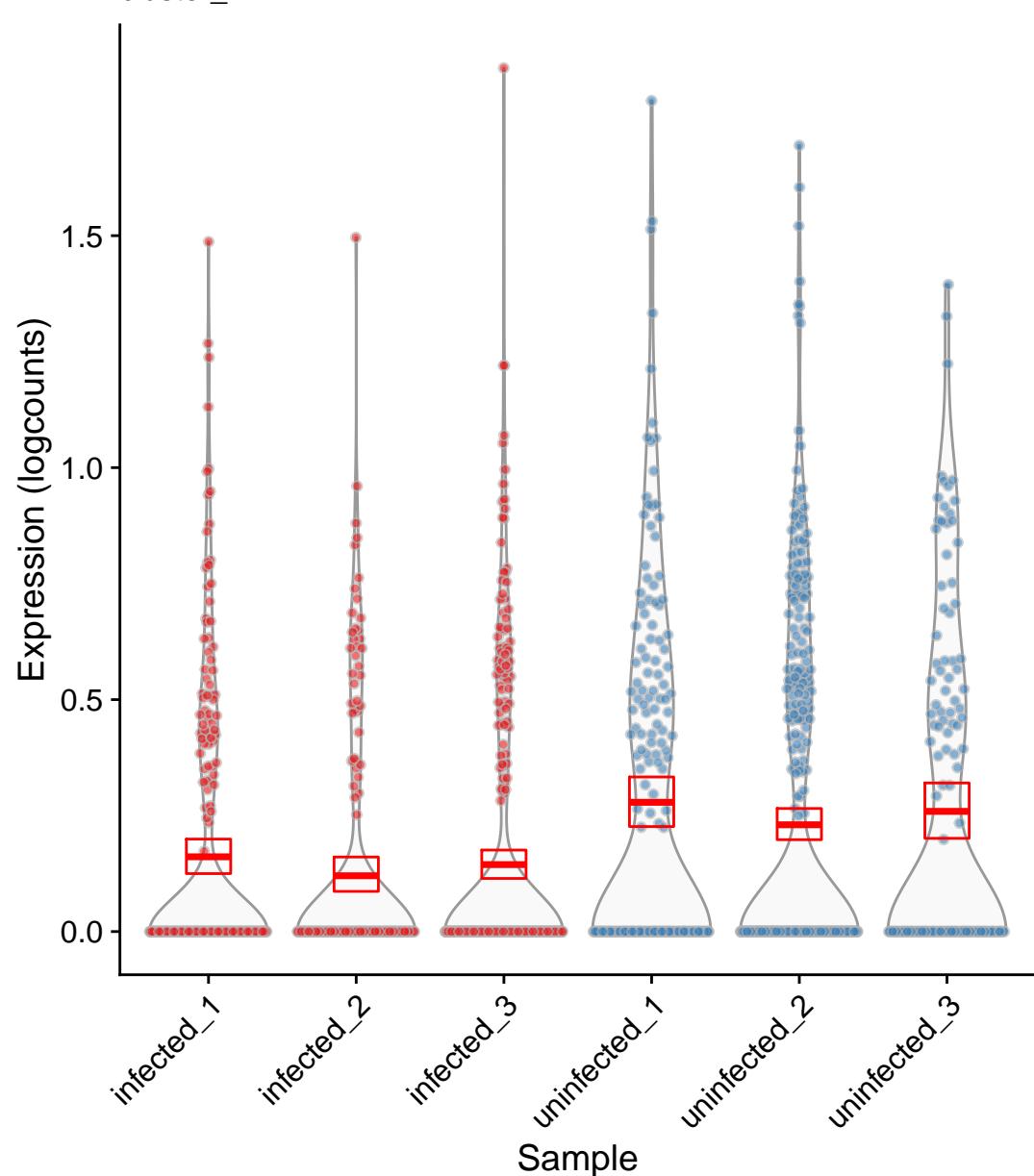
infected\_3

Sample

uninfected\_1

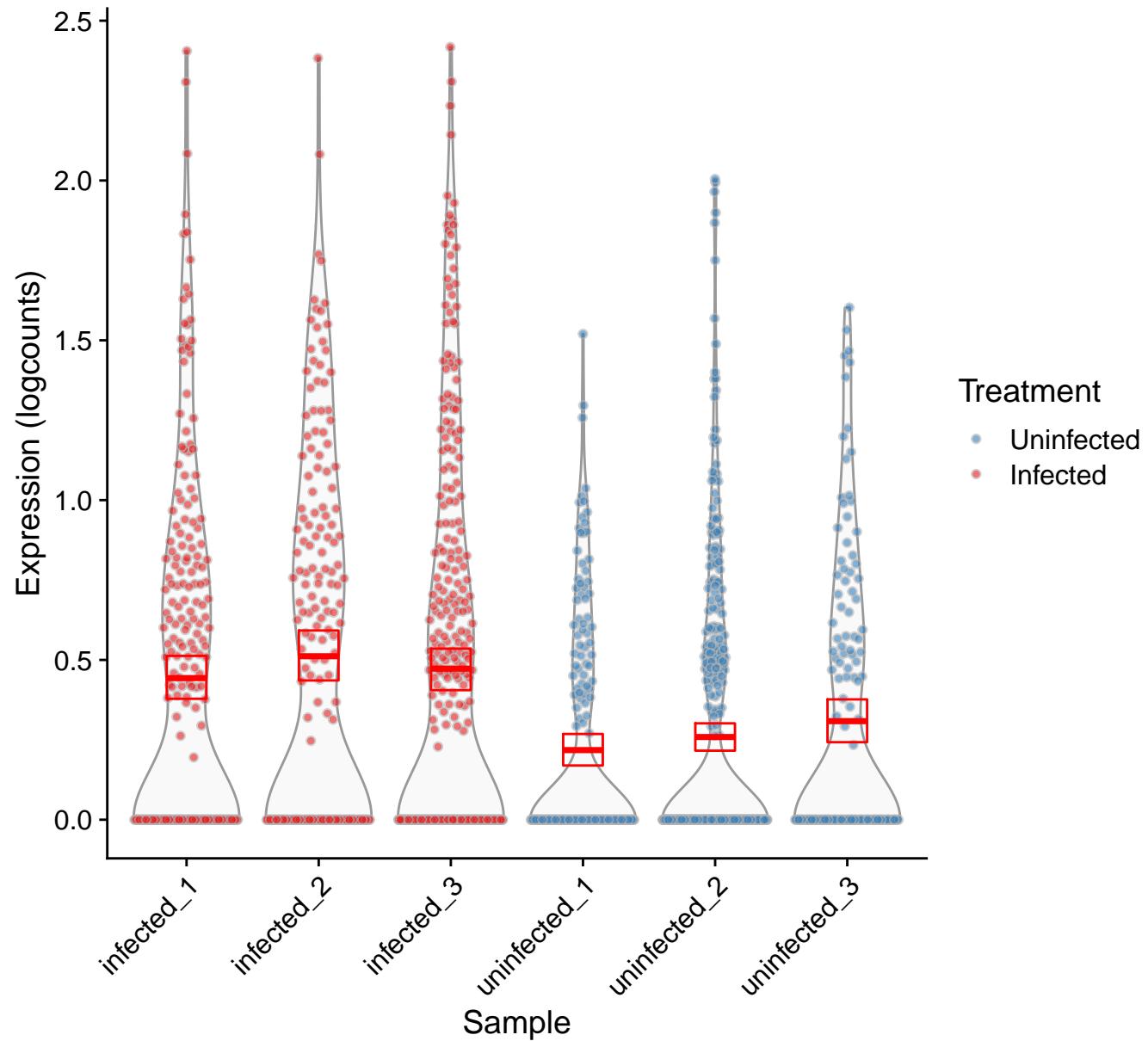
uninfected\_2

uninfected\_3



# DAAM1 (FDR = 0.003)

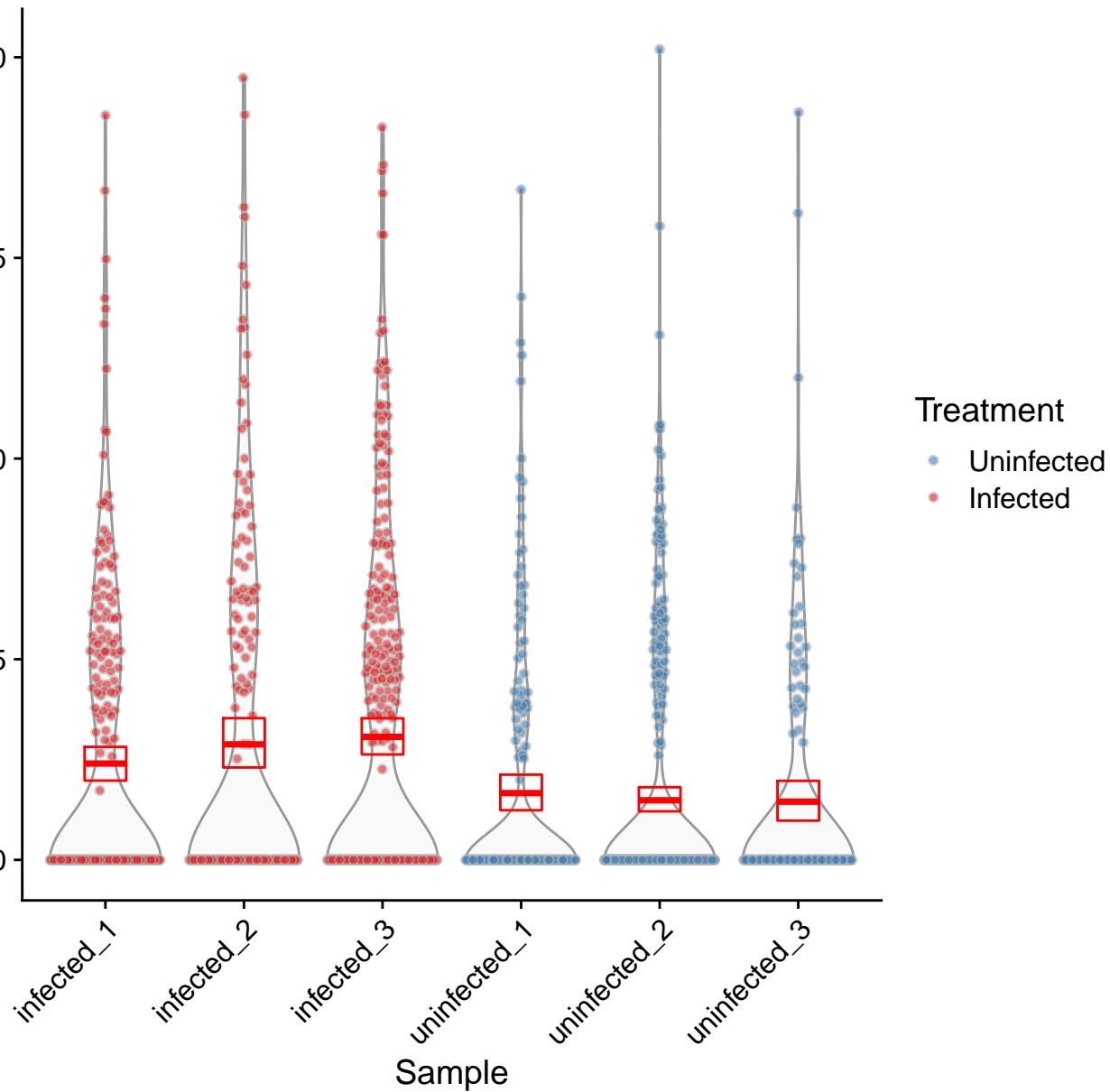
cluster\_7



# NFATC1 (FDR = 0.003)

cluster\_7

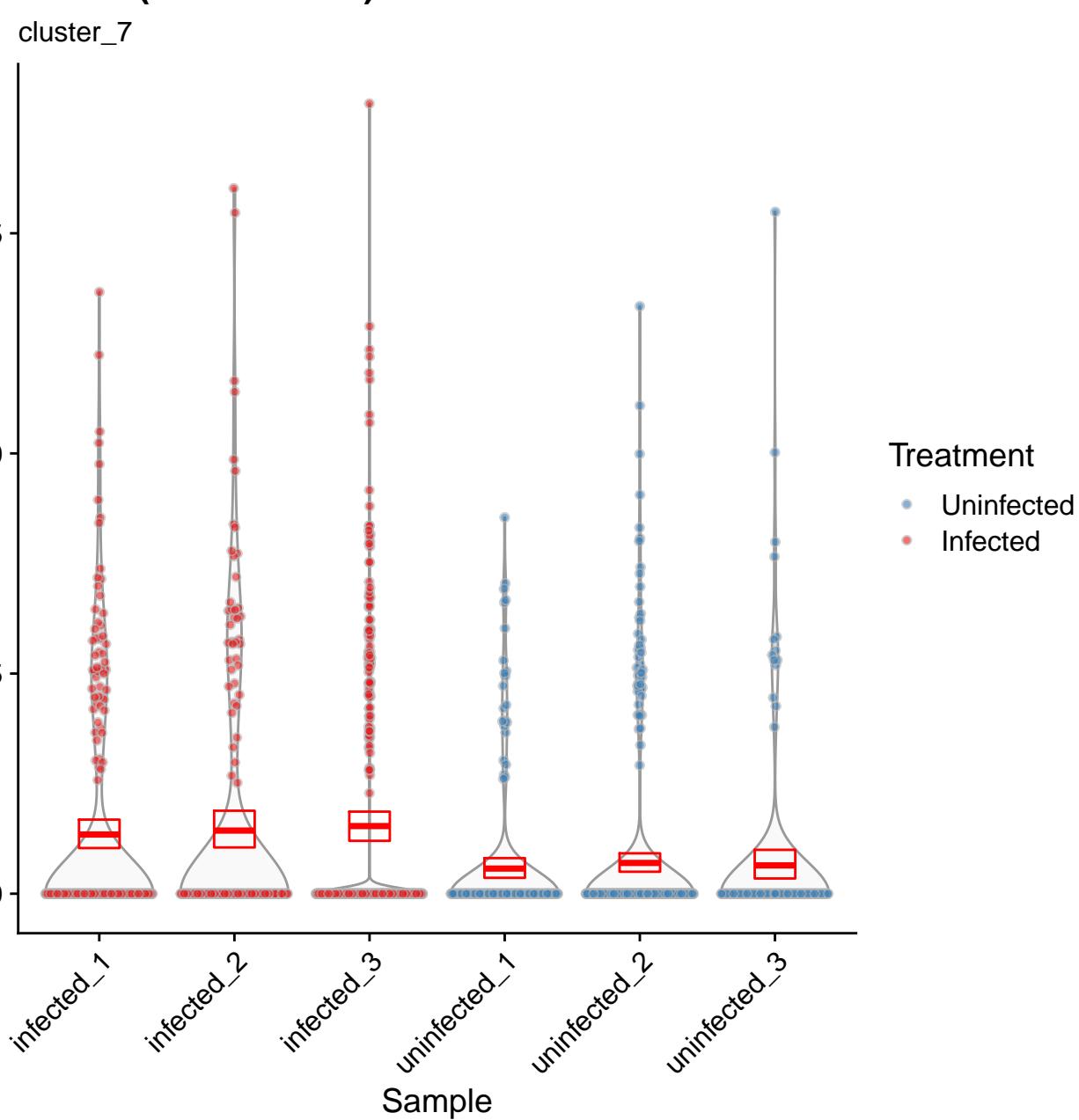
Expression (logcounts)



# ARSG (FDR = 0.003)

cluster\_7

Expression (logcounts)



# CCNA1 (FDR = 0.004)

cluster\_7

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

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

# PRR5L (FDR = 0.004)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

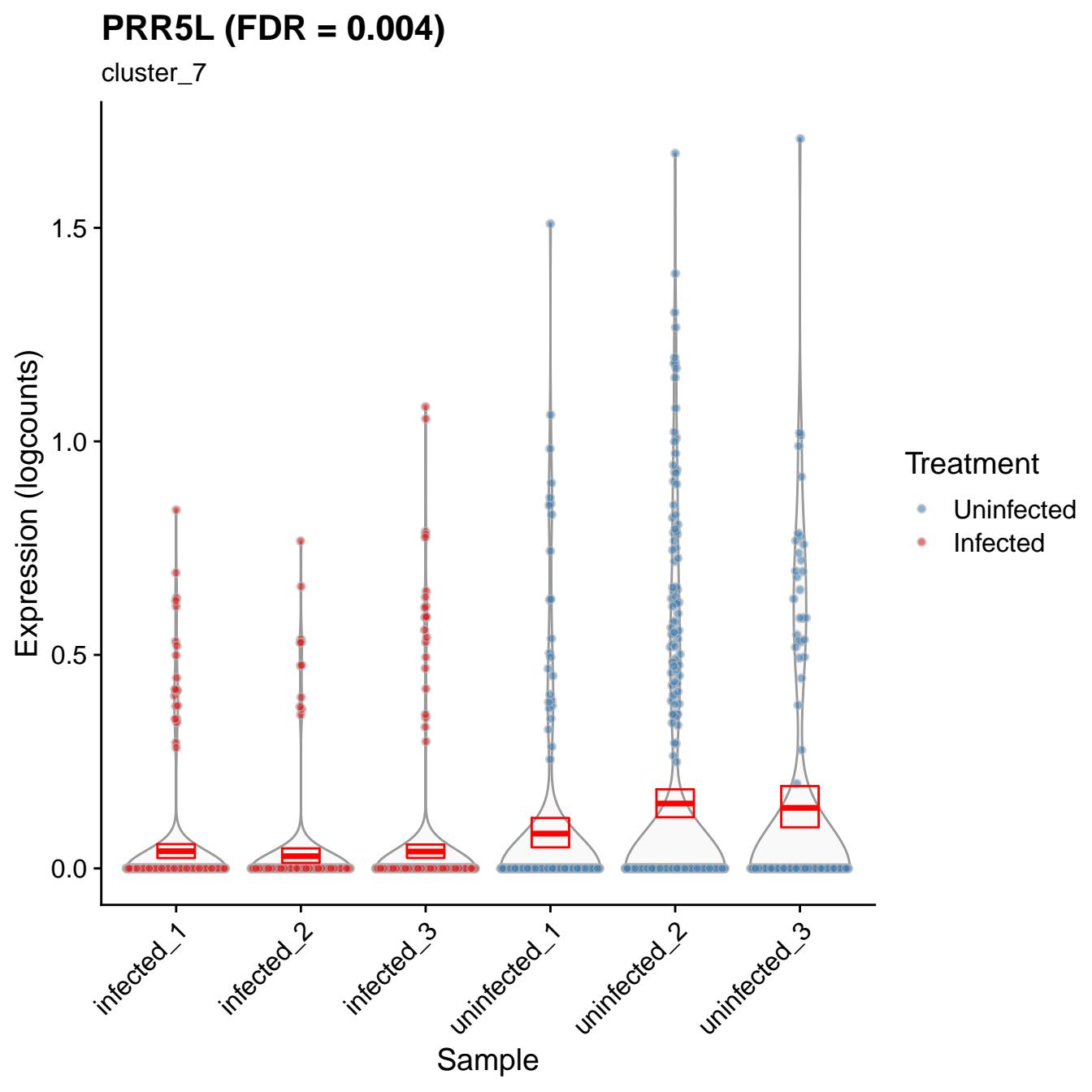
infected\_3

Sample

uninfected\_1

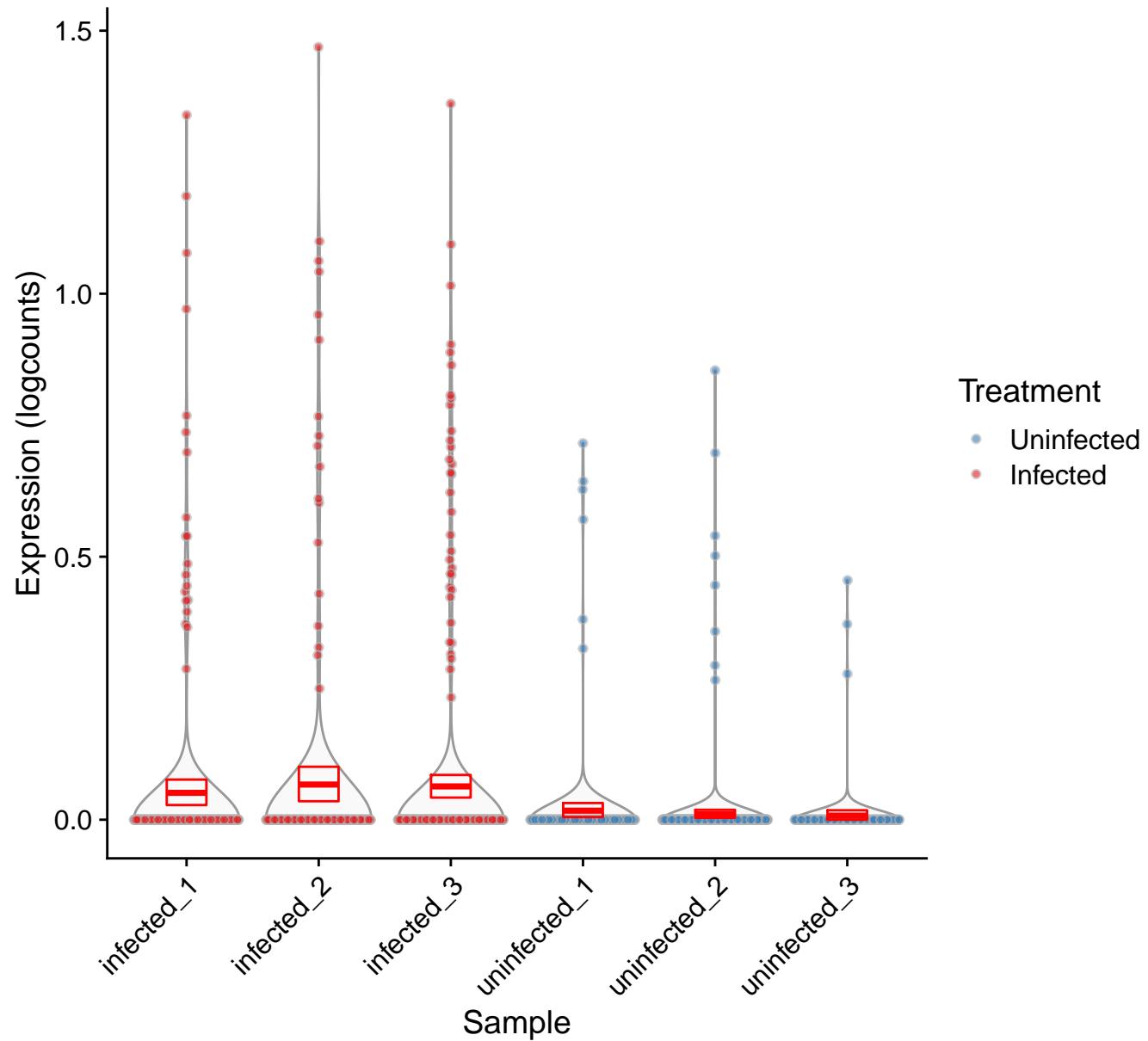
uninfected\_2

uninfected\_3



# SOWAHD (FDR = 0.004)

cluster\_7



# TSPAN14 (FDR = 0.004)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

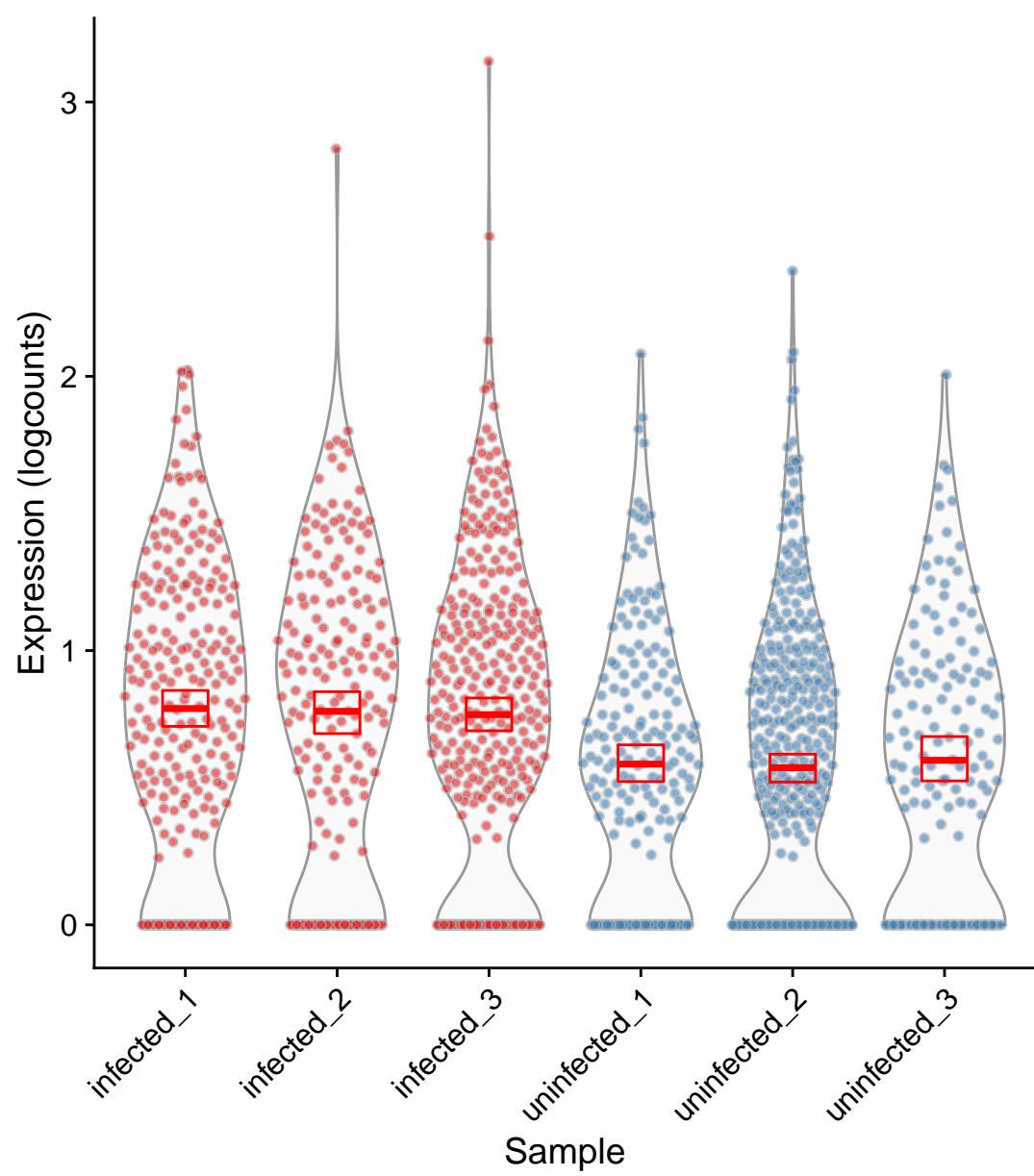
uninfected\_1

uninfected\_2

uninfected\_3

Treatment

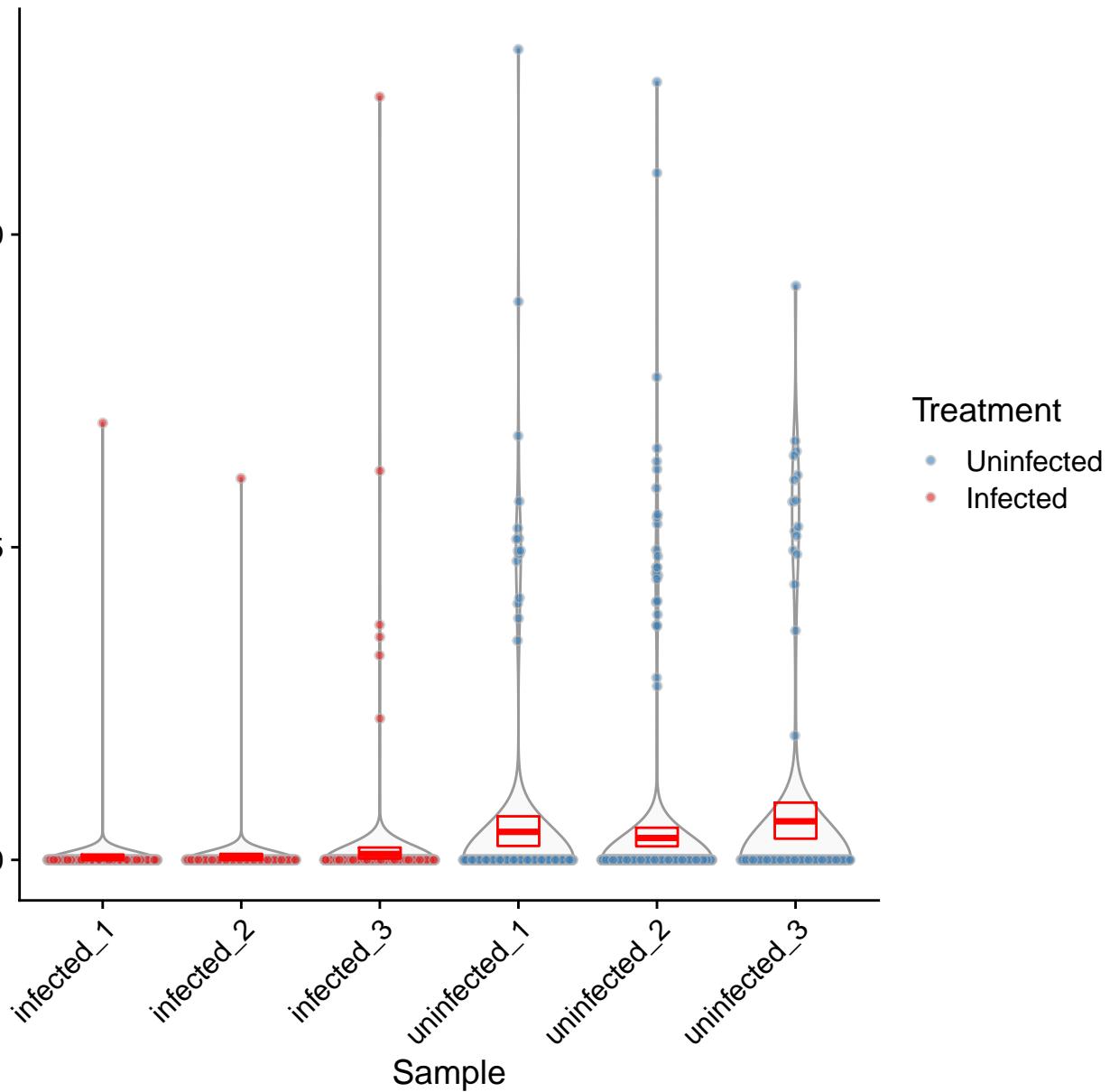
- Uninfected
- Infected



# ATG9B (FDR = 0.004)

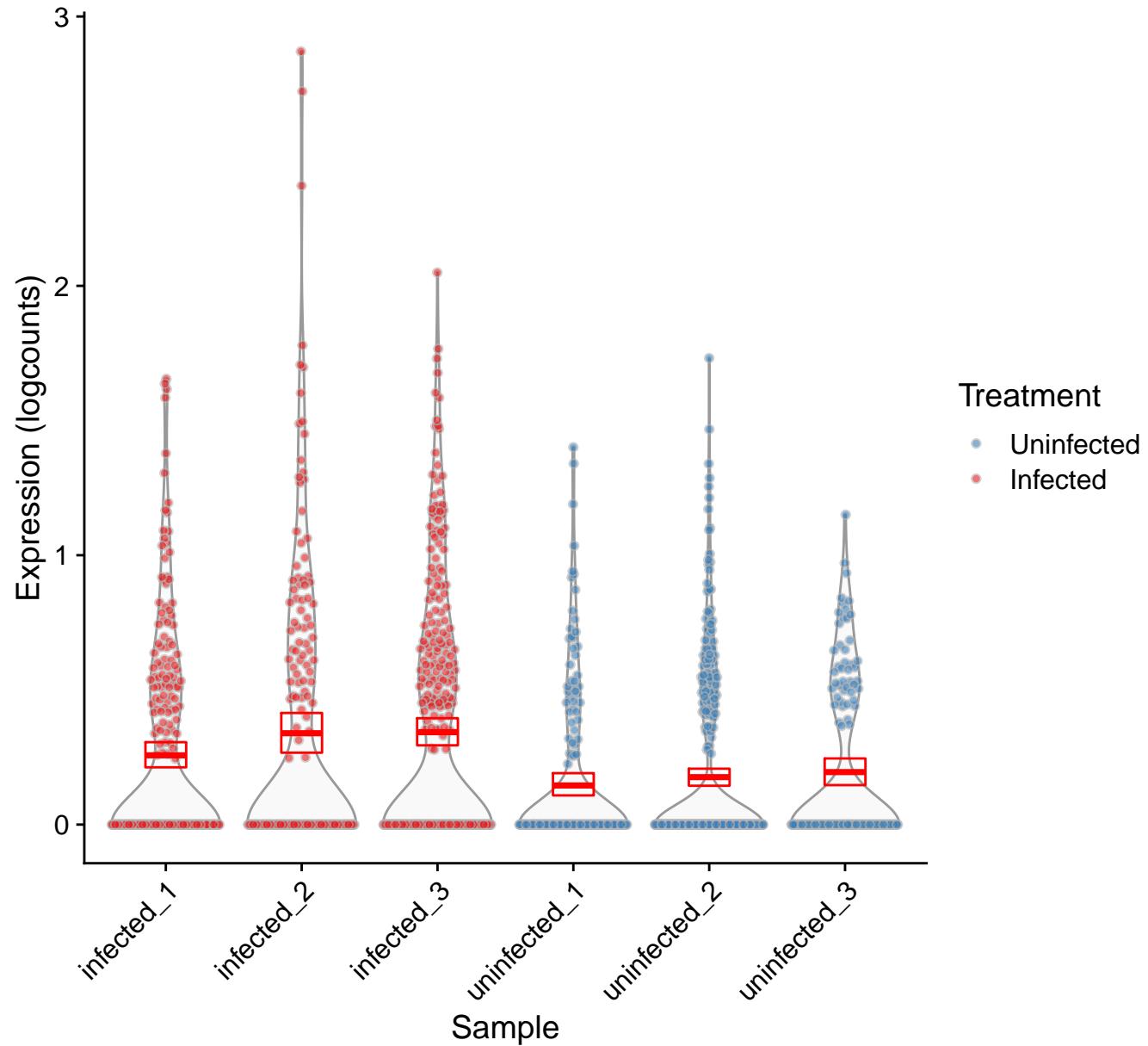
cluster\_7

Expression (logcounts)



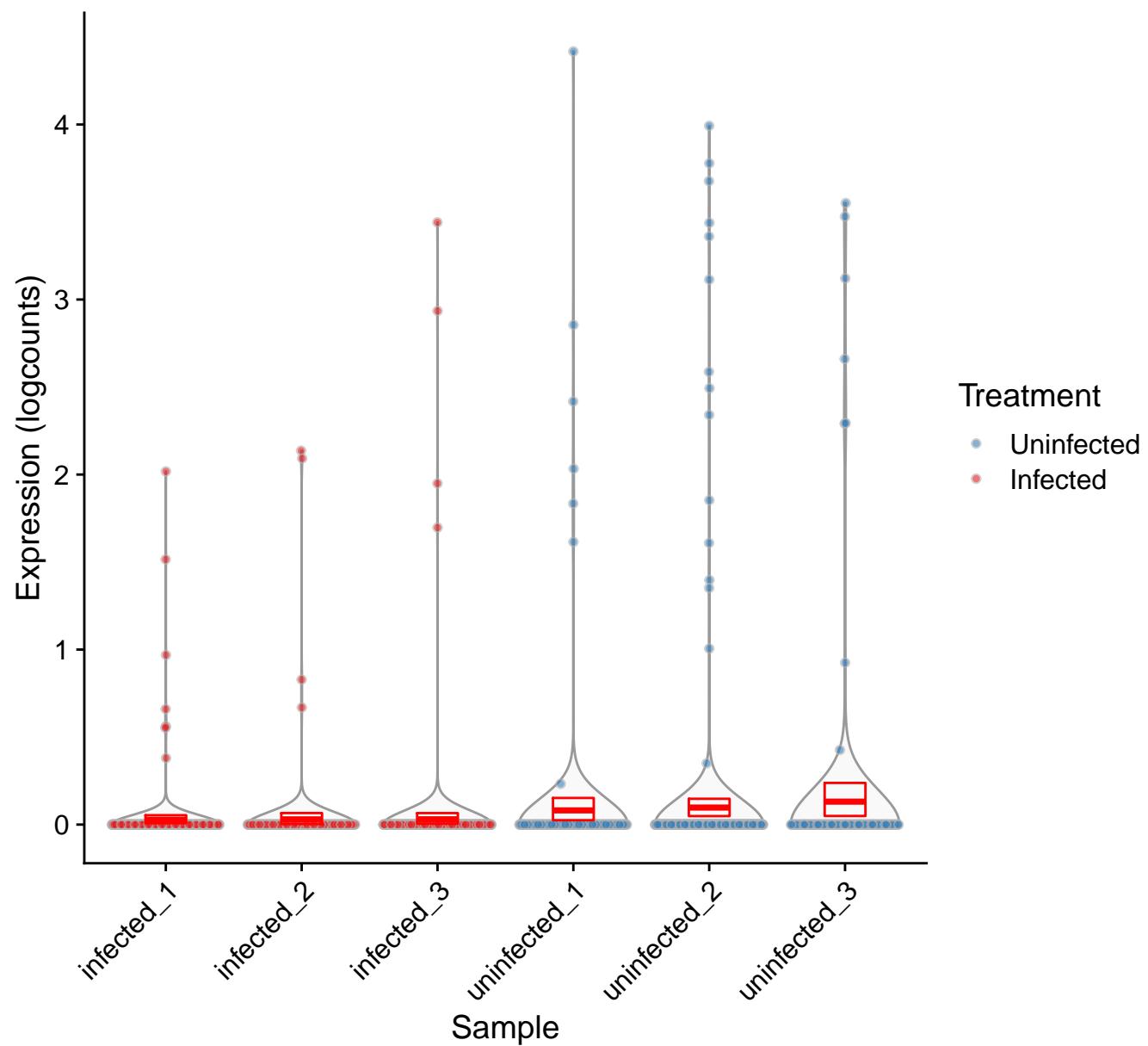
# AHI1 (FDR = 0.004)

cluster\_7



# TRAV38-1 (FDR = 0.004)

cluster\_7



# ZBTB8OS (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

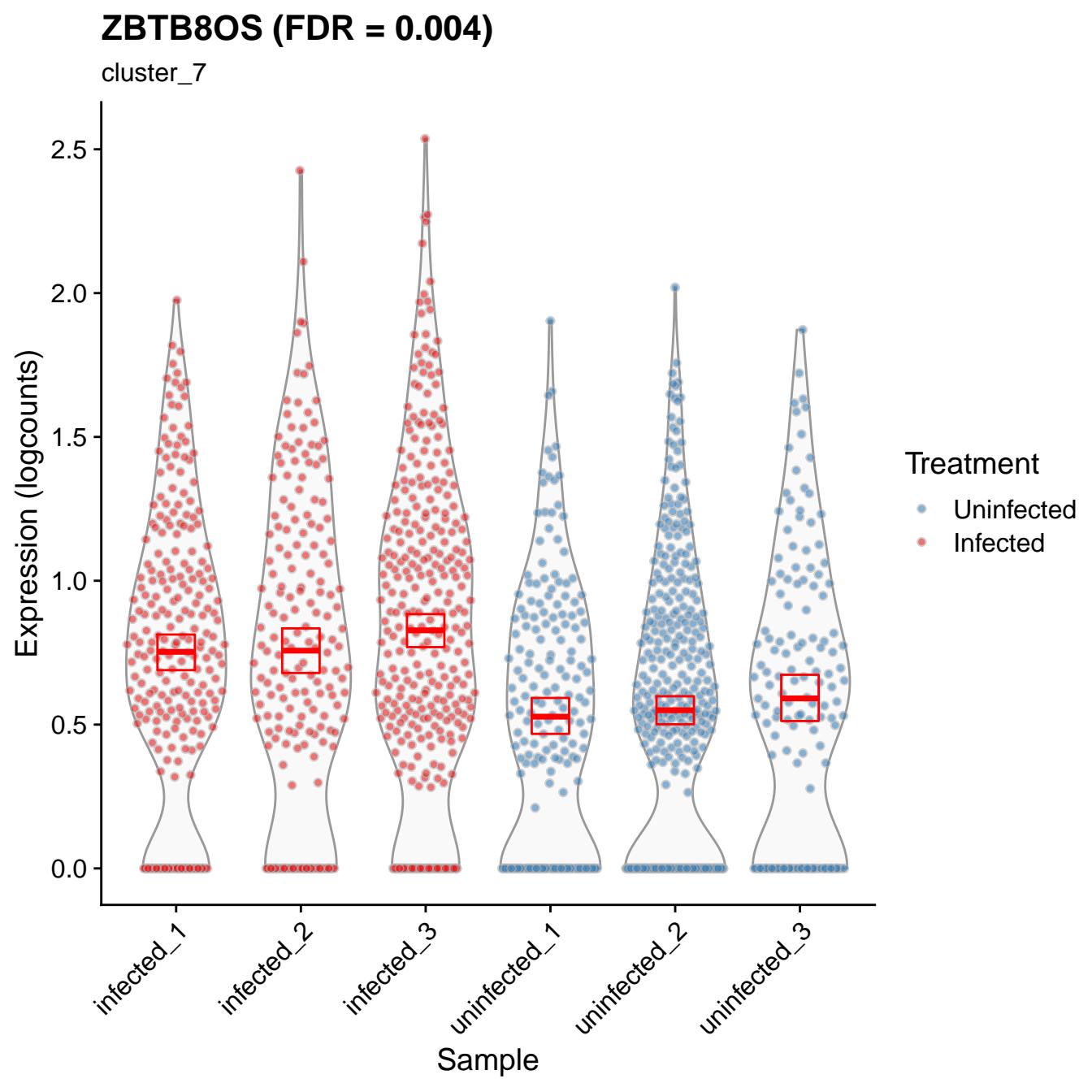
infected\_3

Sample

uninfected\_1

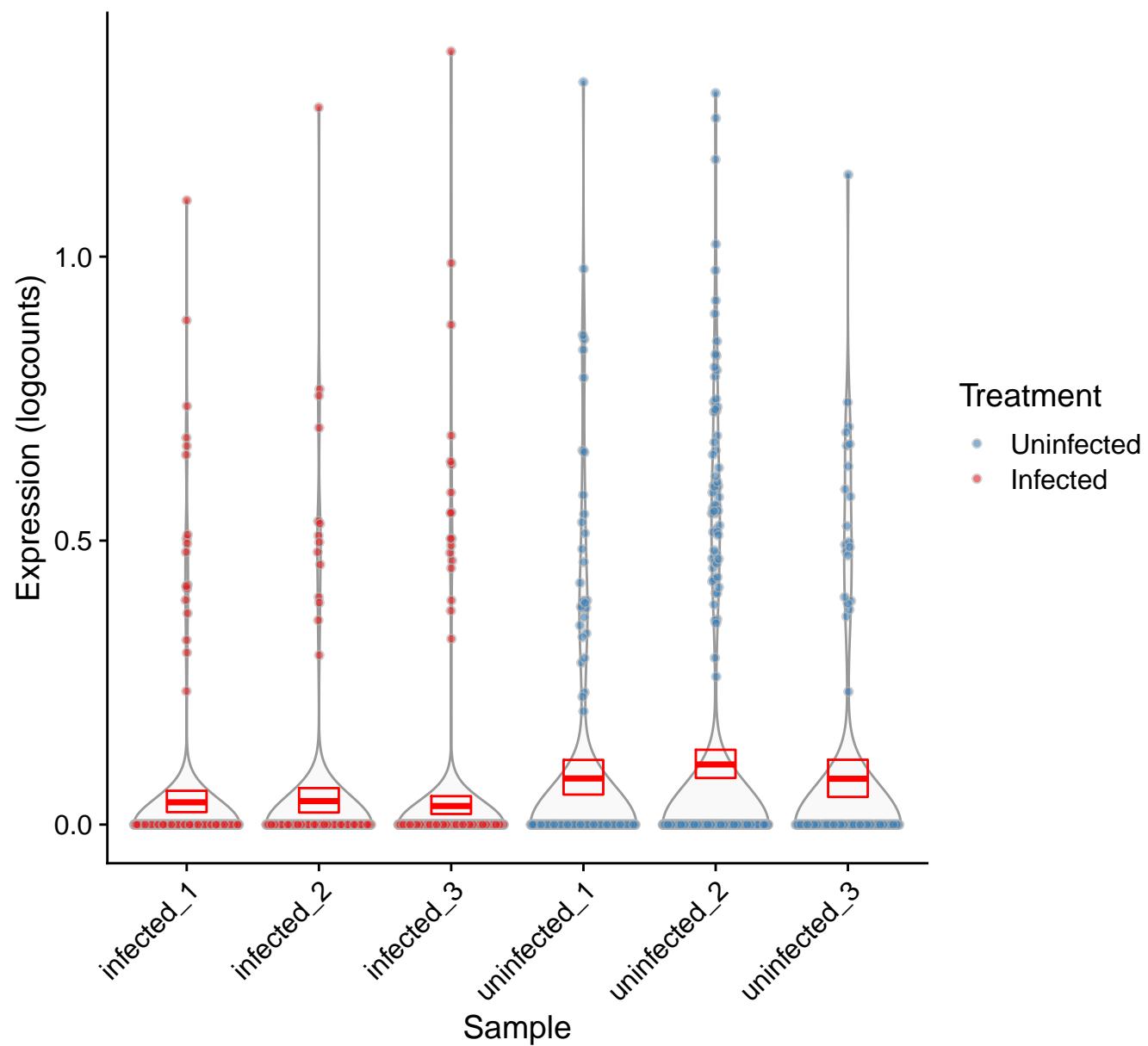
uninfected\_2

uninfected\_3



# ERC1 (FDR = 0.004)

cluster\_7



# JAG1 (FDR = 0.004)

cluster\_7

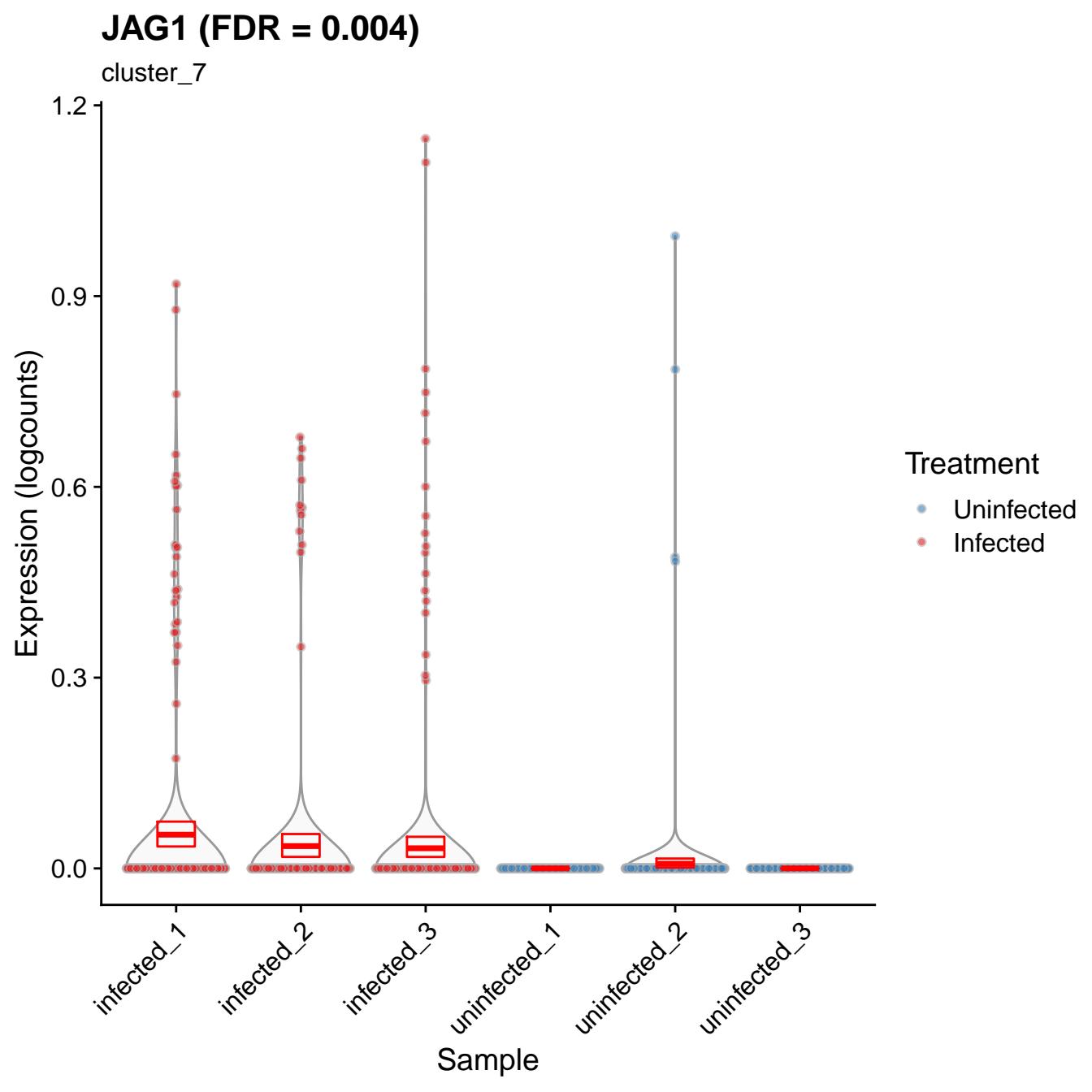
Expression (logcounts)

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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

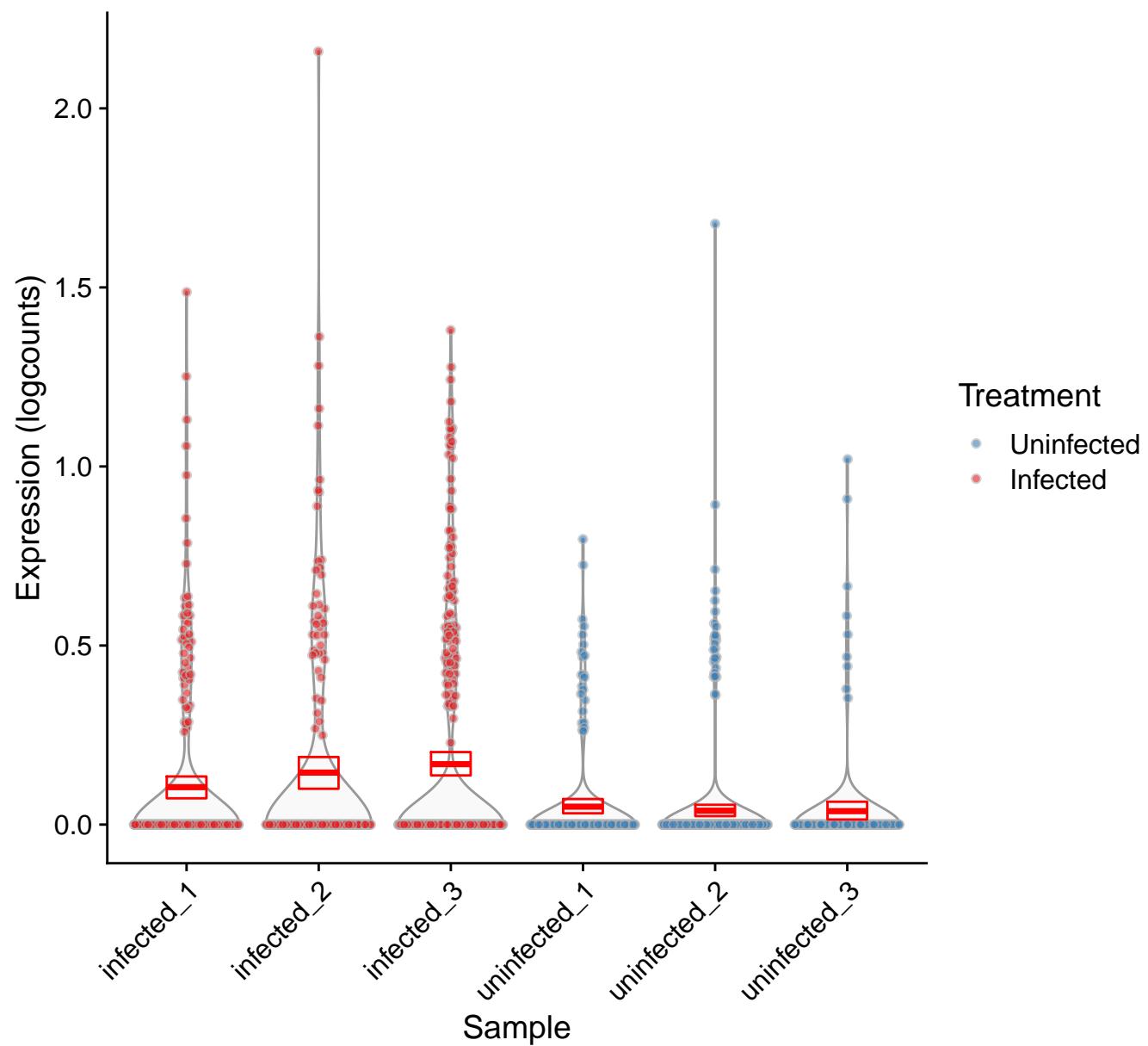
Sample

Treatment  
Uninfected  
Infected



# FZD6 (FDR = 0.004)

cluster\_7



# TRERF1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

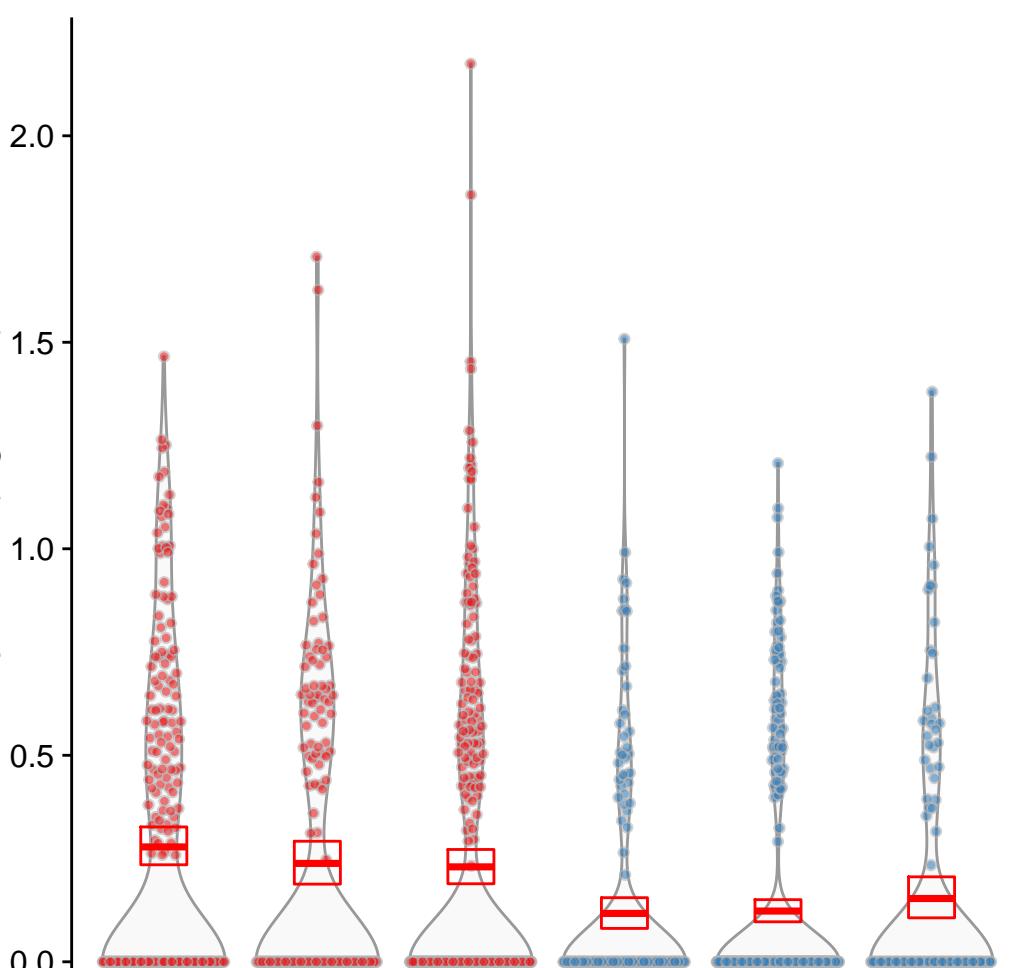
- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample



# PTPRM (FDR = 0.004)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

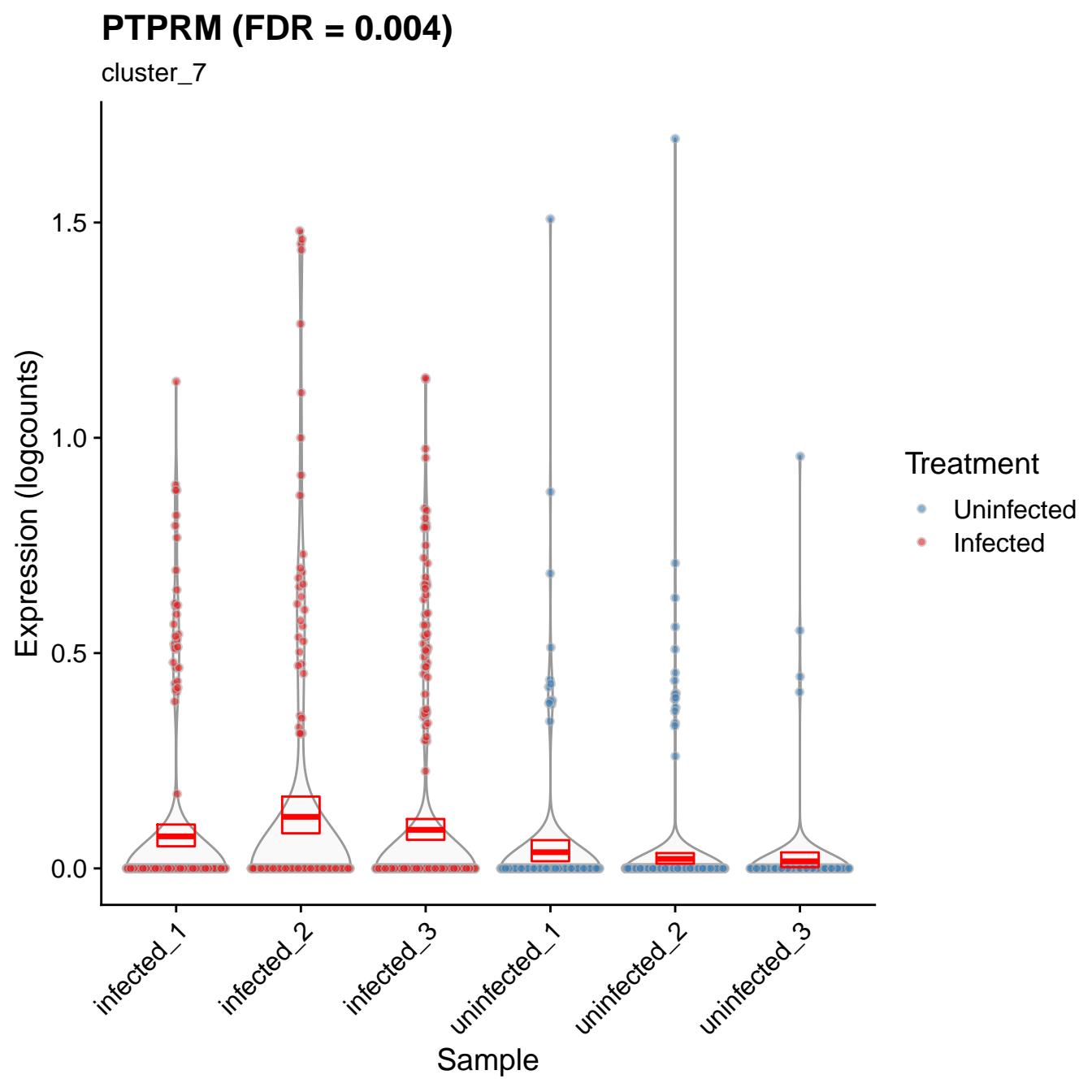
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ETHE1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

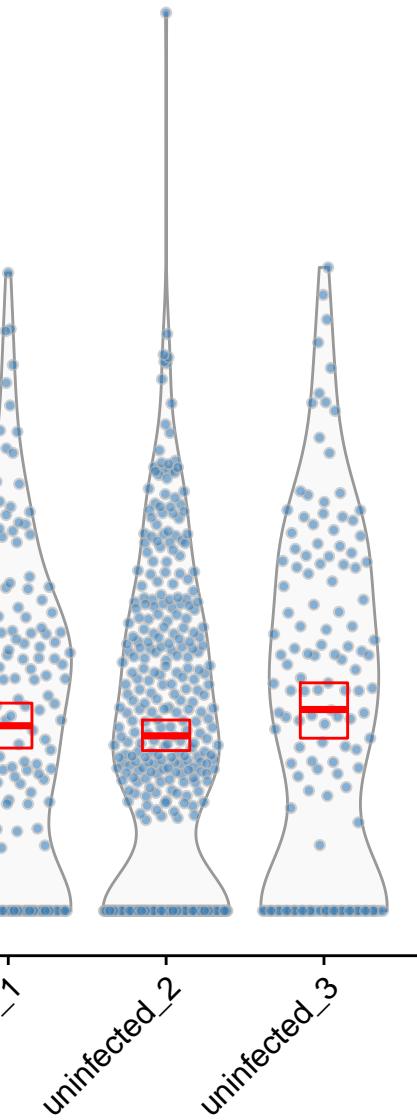
infected\_3

Sample

Treatment

- Uninfected
- Infected

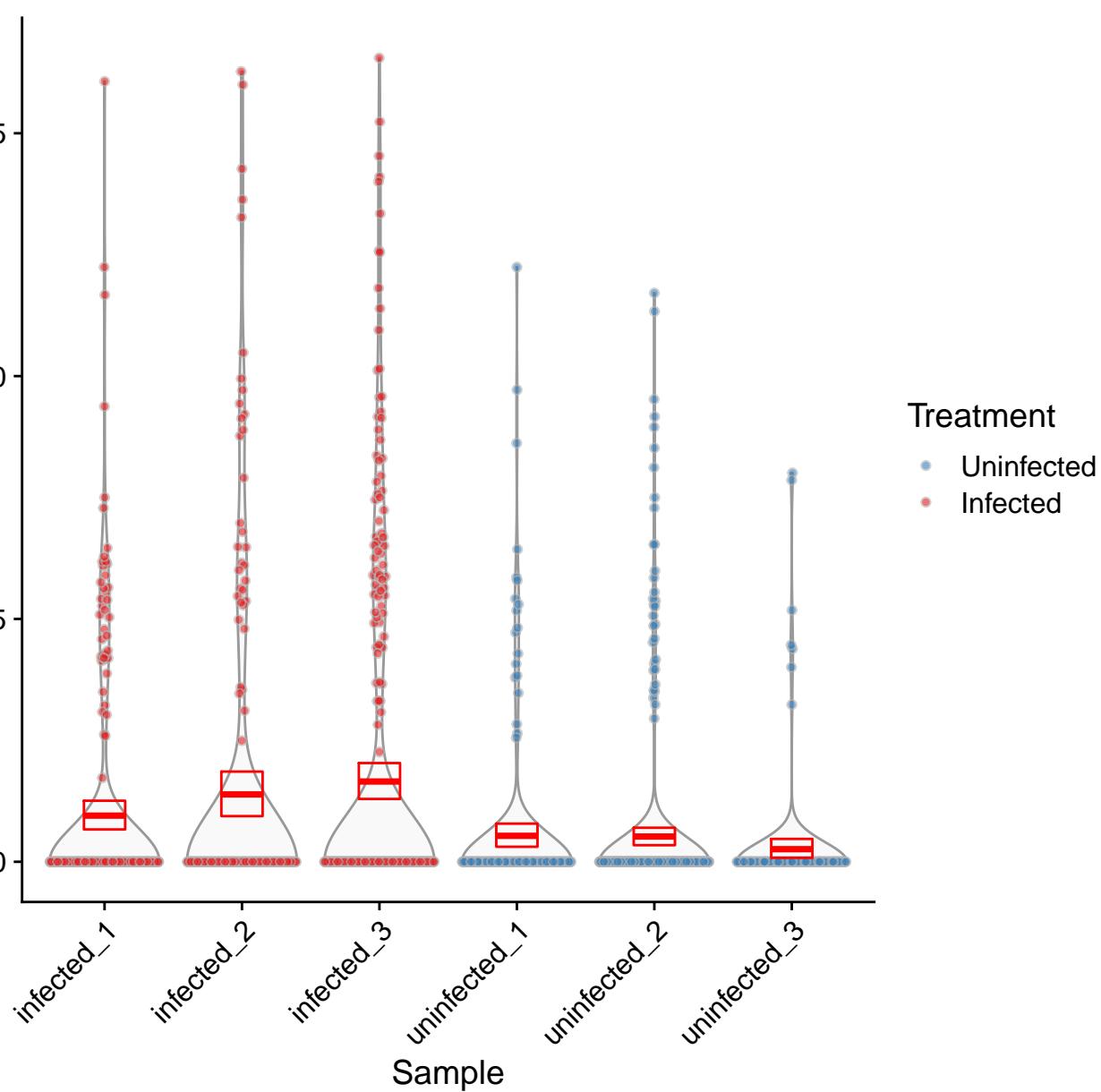
Sample



# BACH2 (FDR = 0.004)

cluster\_7

Expression (logcounts)



# GABARAPL1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

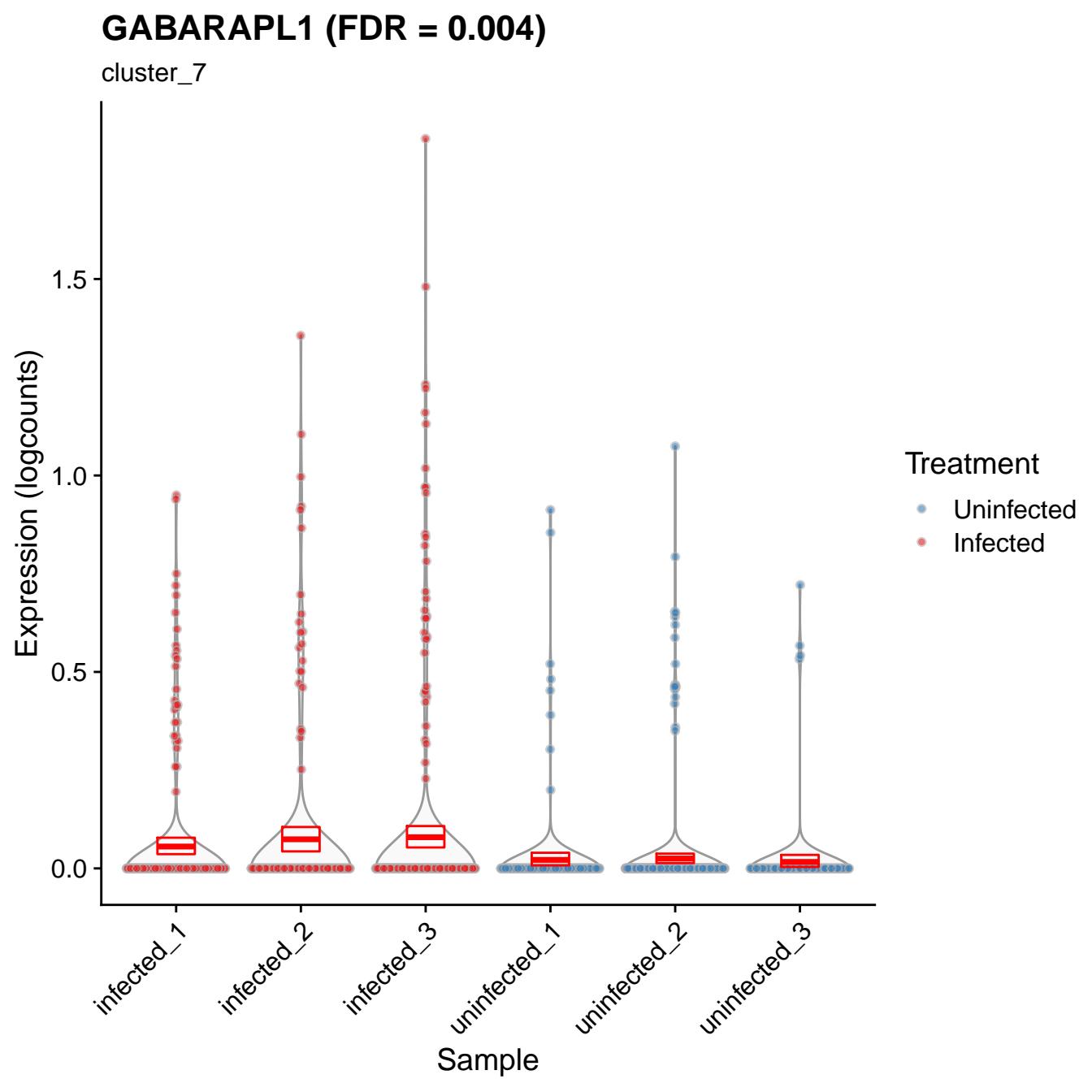
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# ATXN1 (FDR = 0.004)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

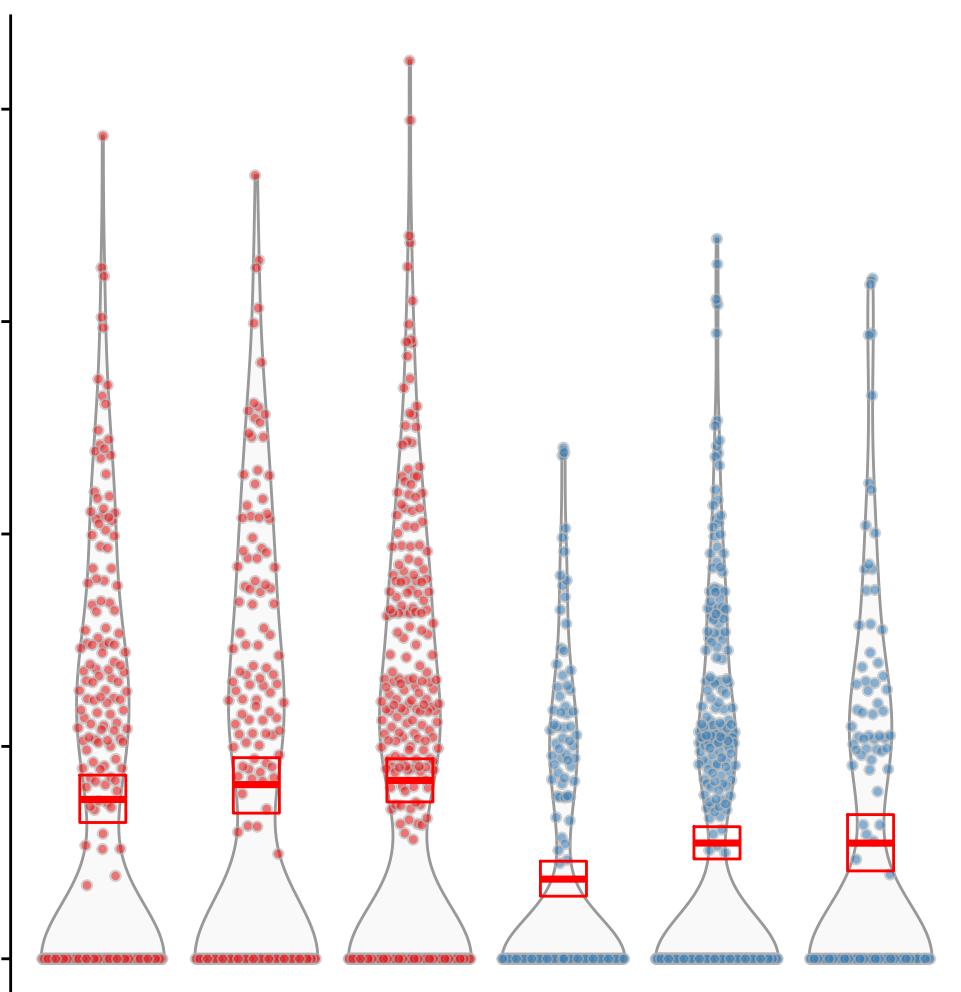
infected\_3

Sample

uninfected\_1

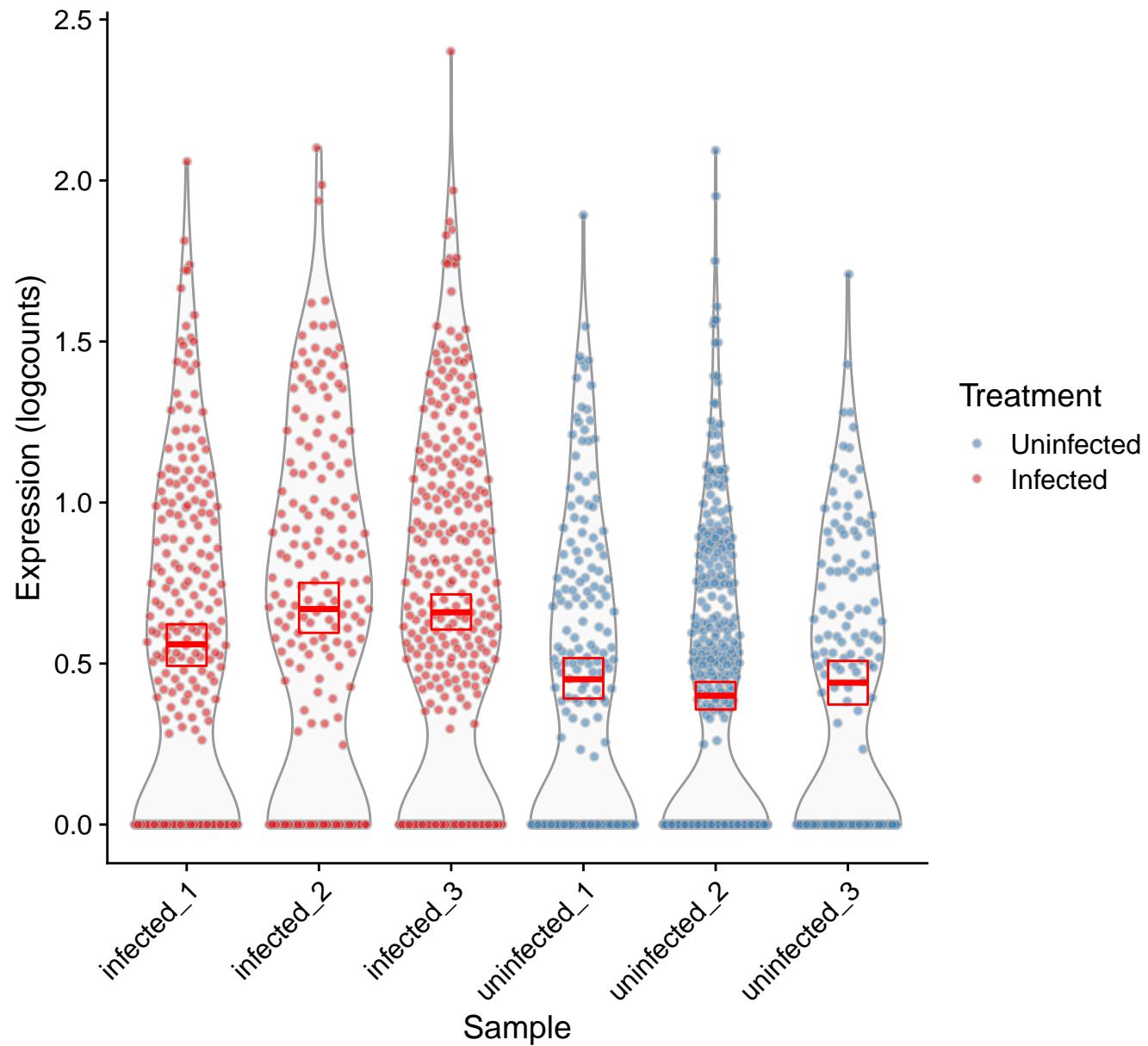
uninfected\_2

uninfected\_3



# VOPP1 (FDR = 0.004)

cluster\_7



# FBXO34 (FDR = 0.004)

cluster\_7

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

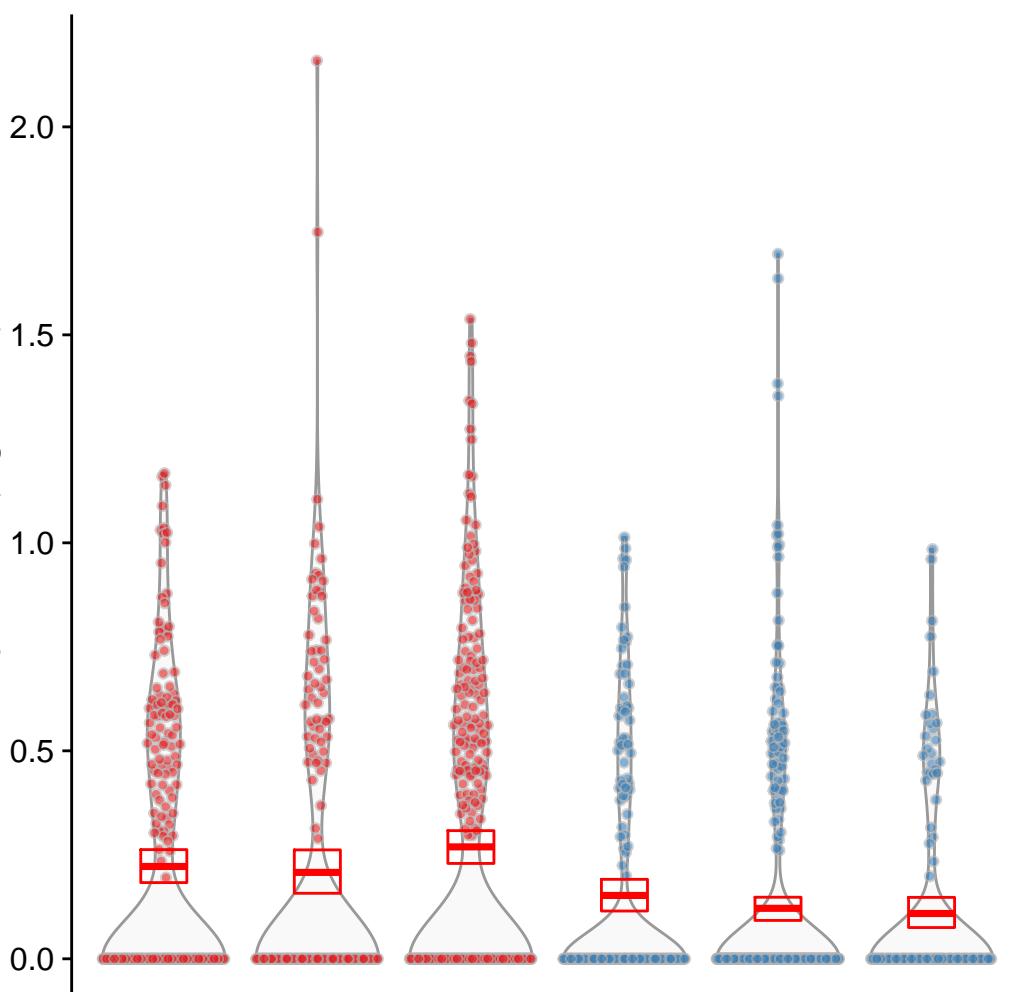
- Uninfected
- Infected

infected\_1

infected\_2

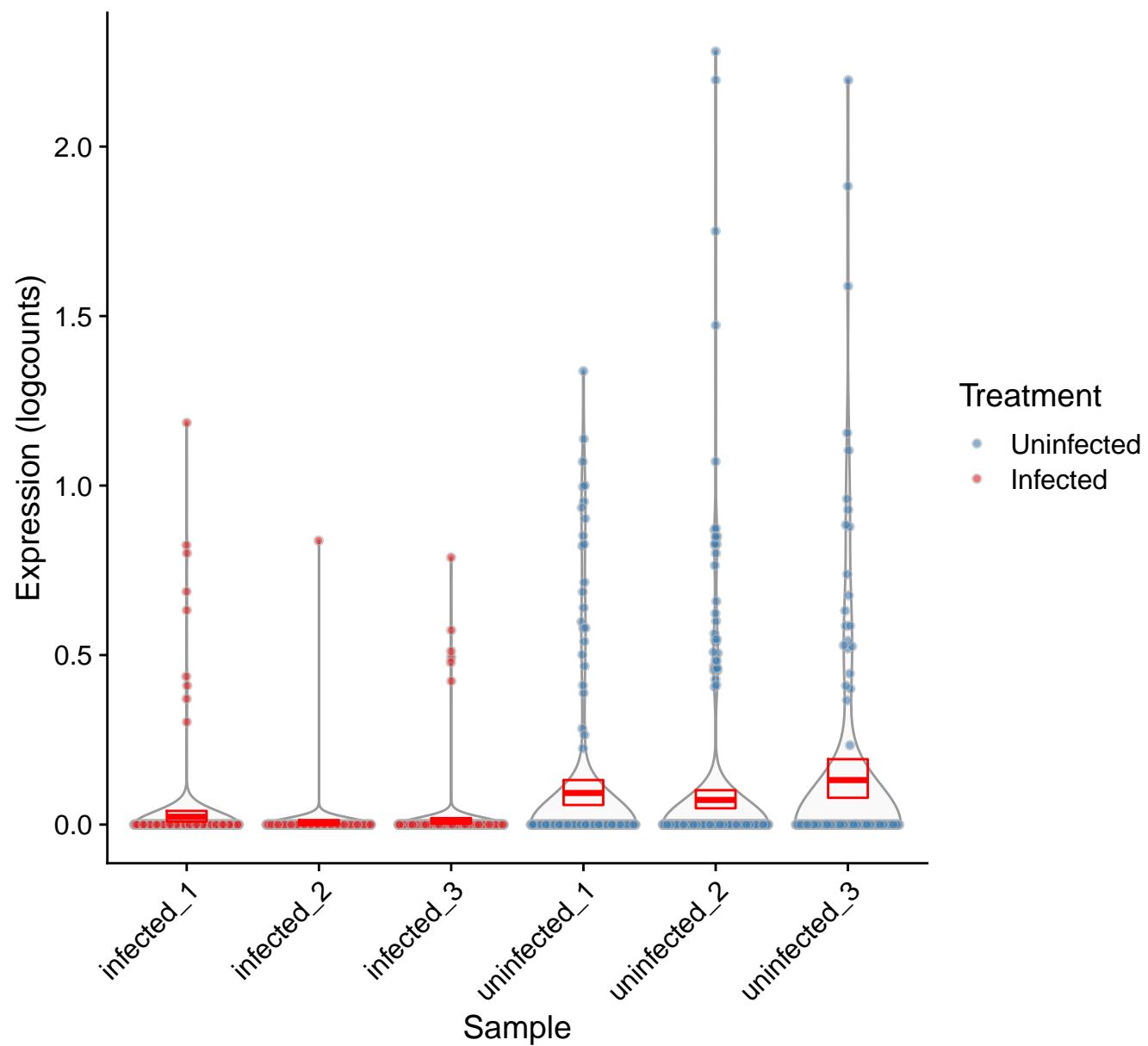
infected\_3

Sample



# IFIT1 (FDR = 0.004)

cluster\_7



# BCL3 (FDR = 0.004)

cluster\_7

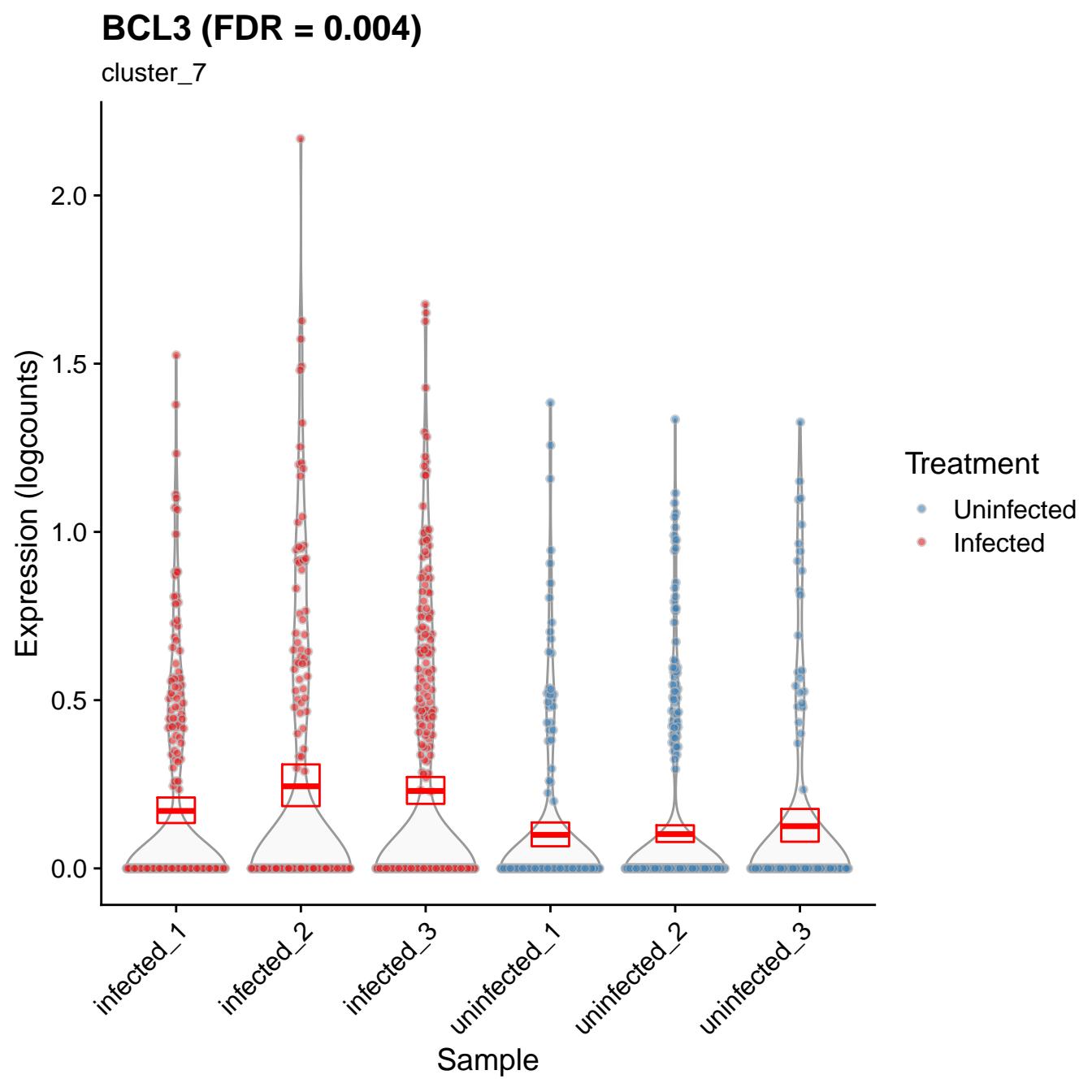
Expression (logcounts)

2.0  
1.5  
1.0  
0.5  
0.0

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

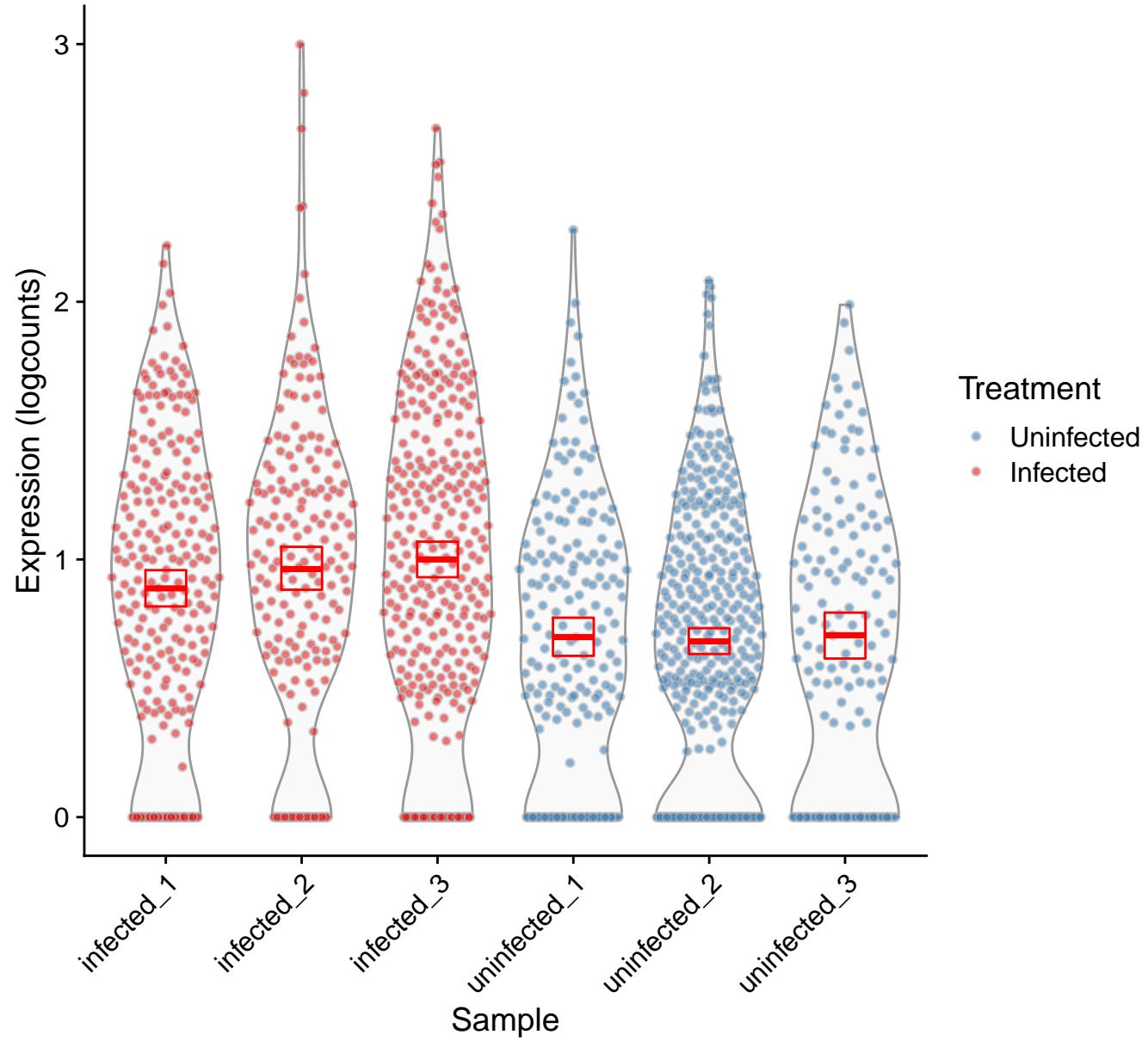
Sample

Treatment  
Uninfected  
Infected



# TRABD (FDR = 0.005)

cluster\_7



# LPP (FDR = 0.005)

cluster\_7

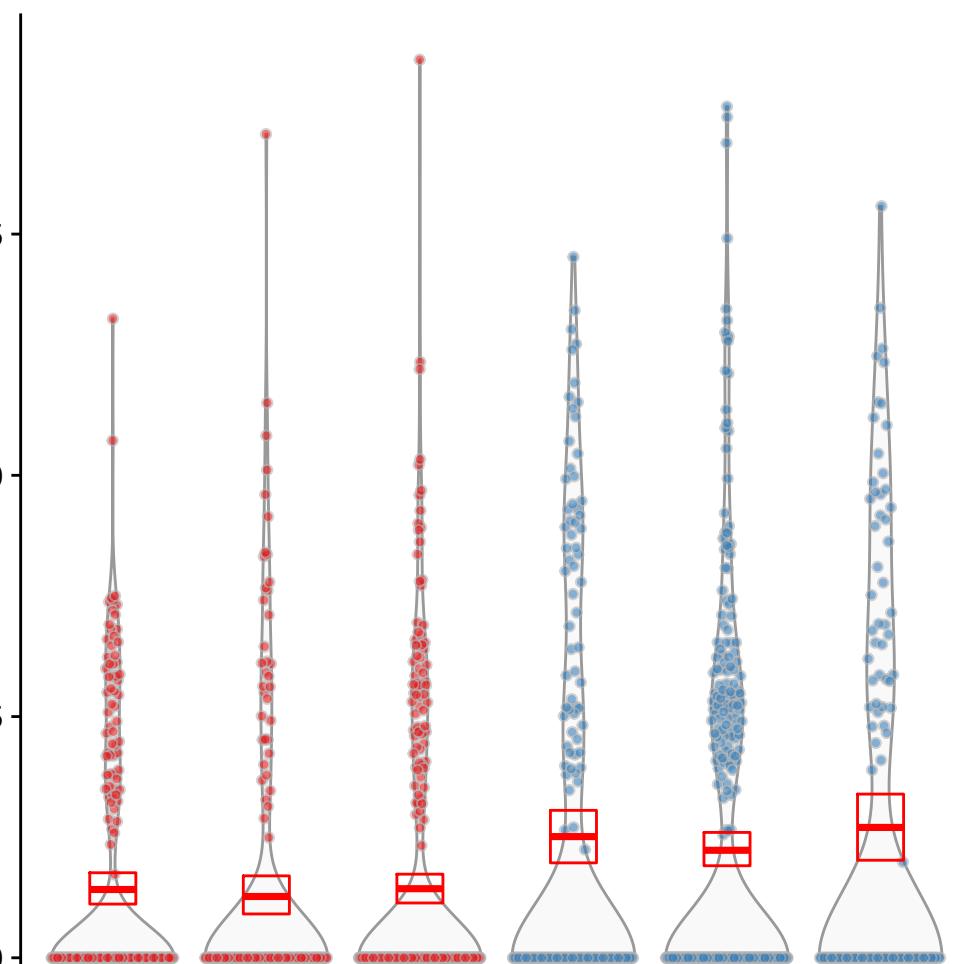
Expression (logcounts)

1.5

1.0

0.5

0.0



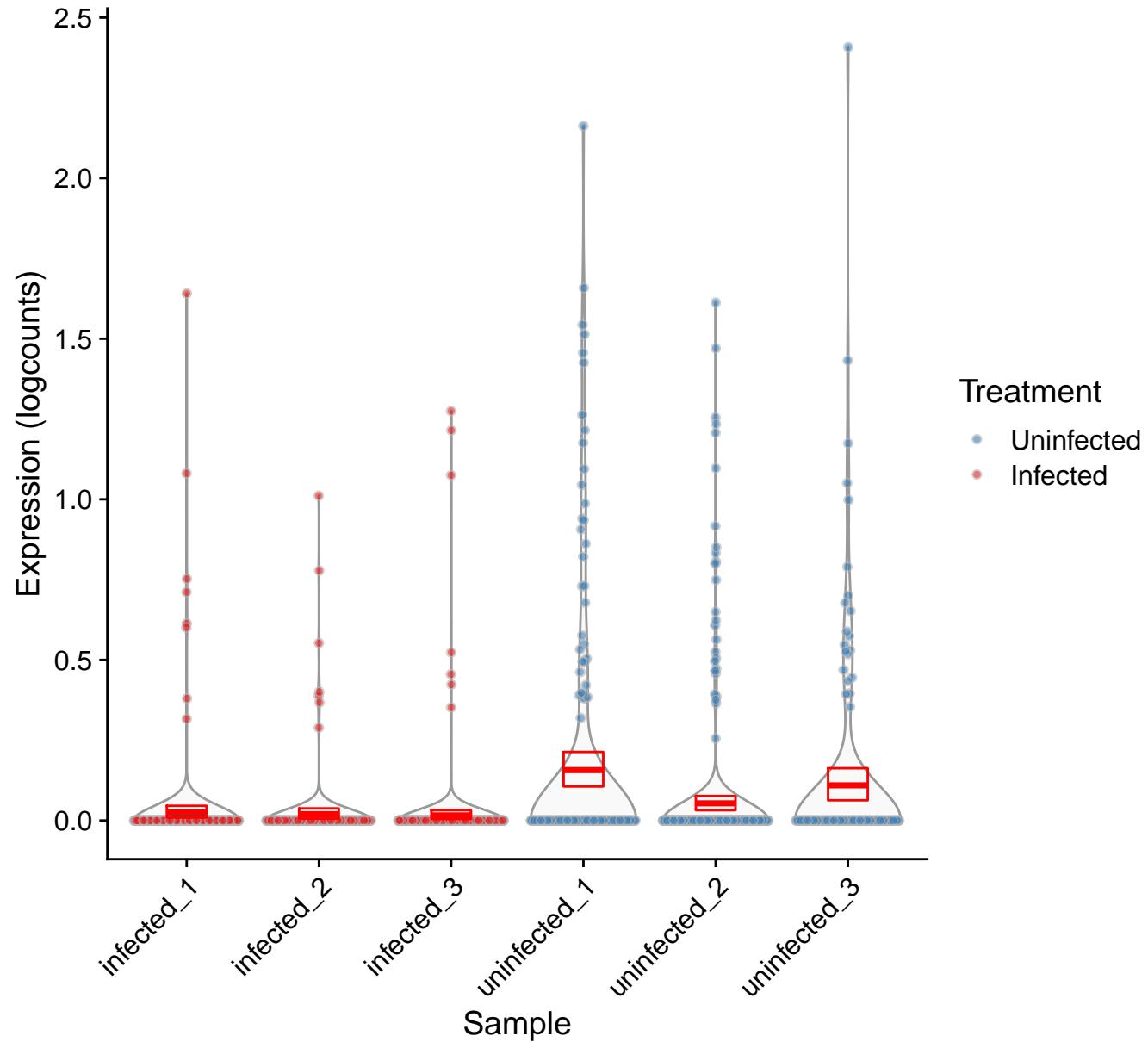
Sample

Treatment

- Uninfected
- Infected

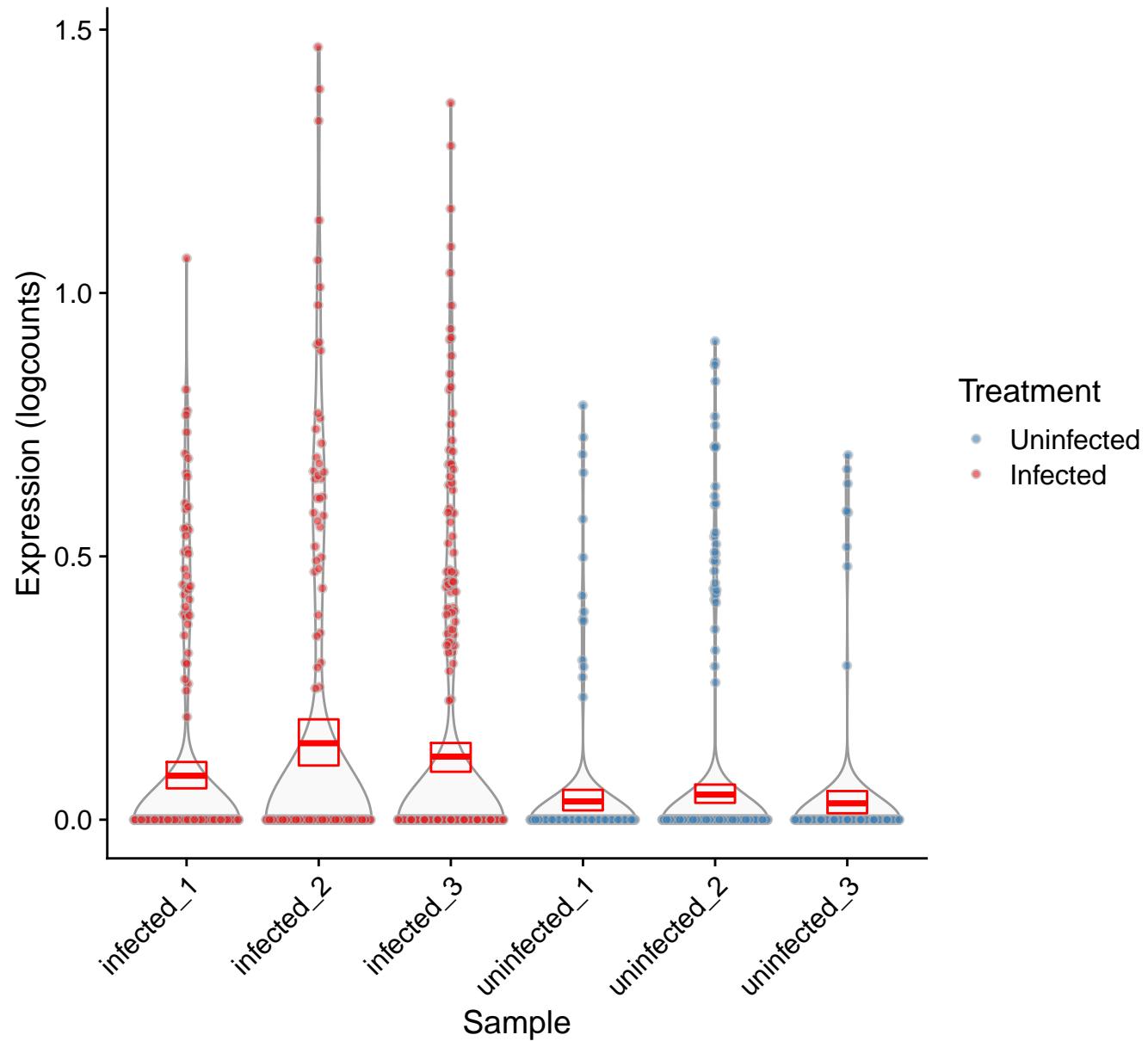
# LAIR2 (FDR = 0.005)

cluster\_7



# **ELL2 (FDR = 0.005)**

cluster\_7



# **SNX2 (FDR = 0.005)**

cluster\_7

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

Treatment

- Uninfected
- Infected

