

# HLA-DRB5 (FDR = 3e-08)

cluster\_12

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

Sample

Treatment

- Uninfected
- Infected

Sample

uninfected\_1

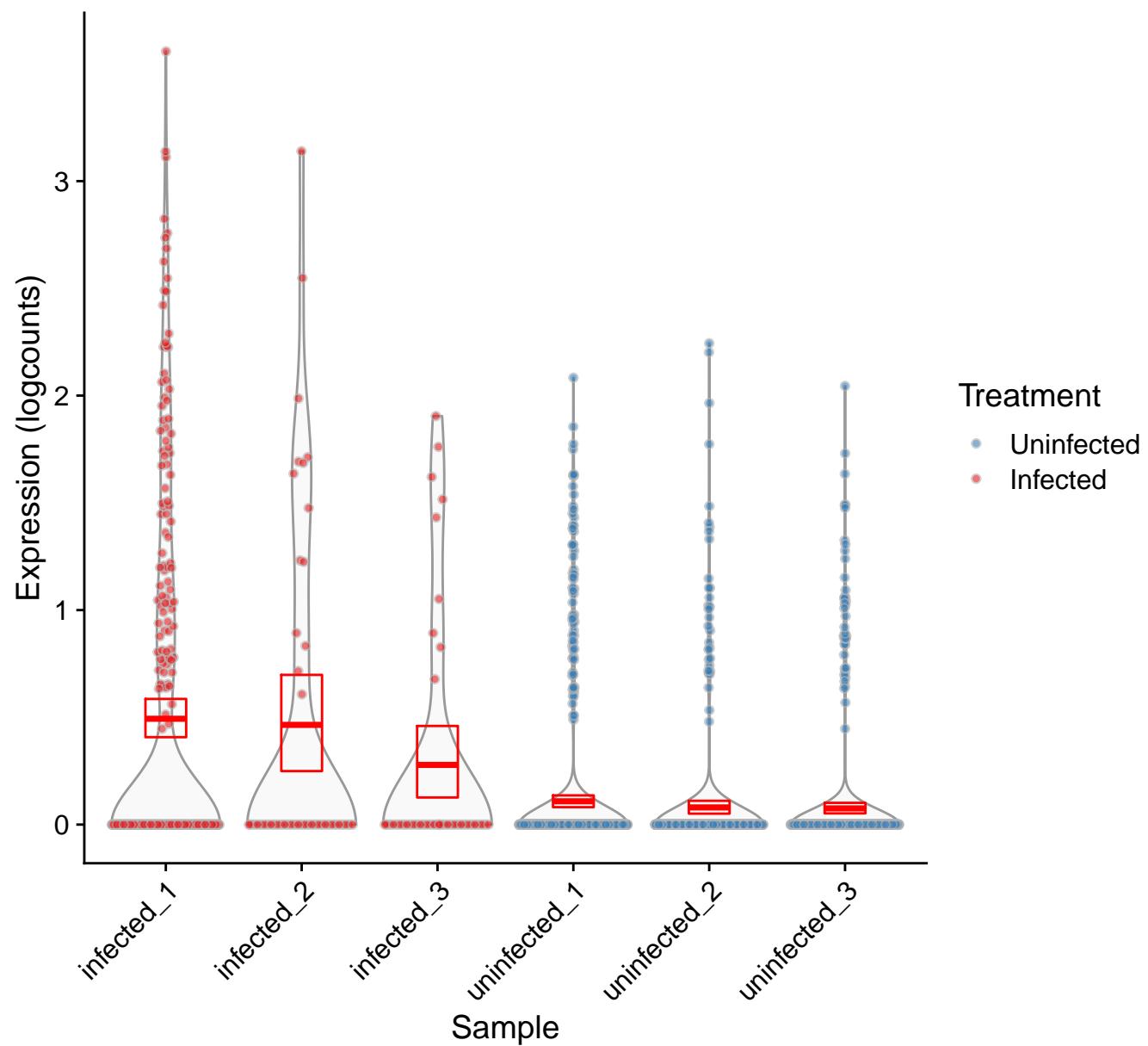
uninfected\_2

uninfected\_3

Sample

# HPGDS (FDR = 2e-06)

cluster\_12



# RGS2 (FDR = 2e-06)

cluster\_12

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

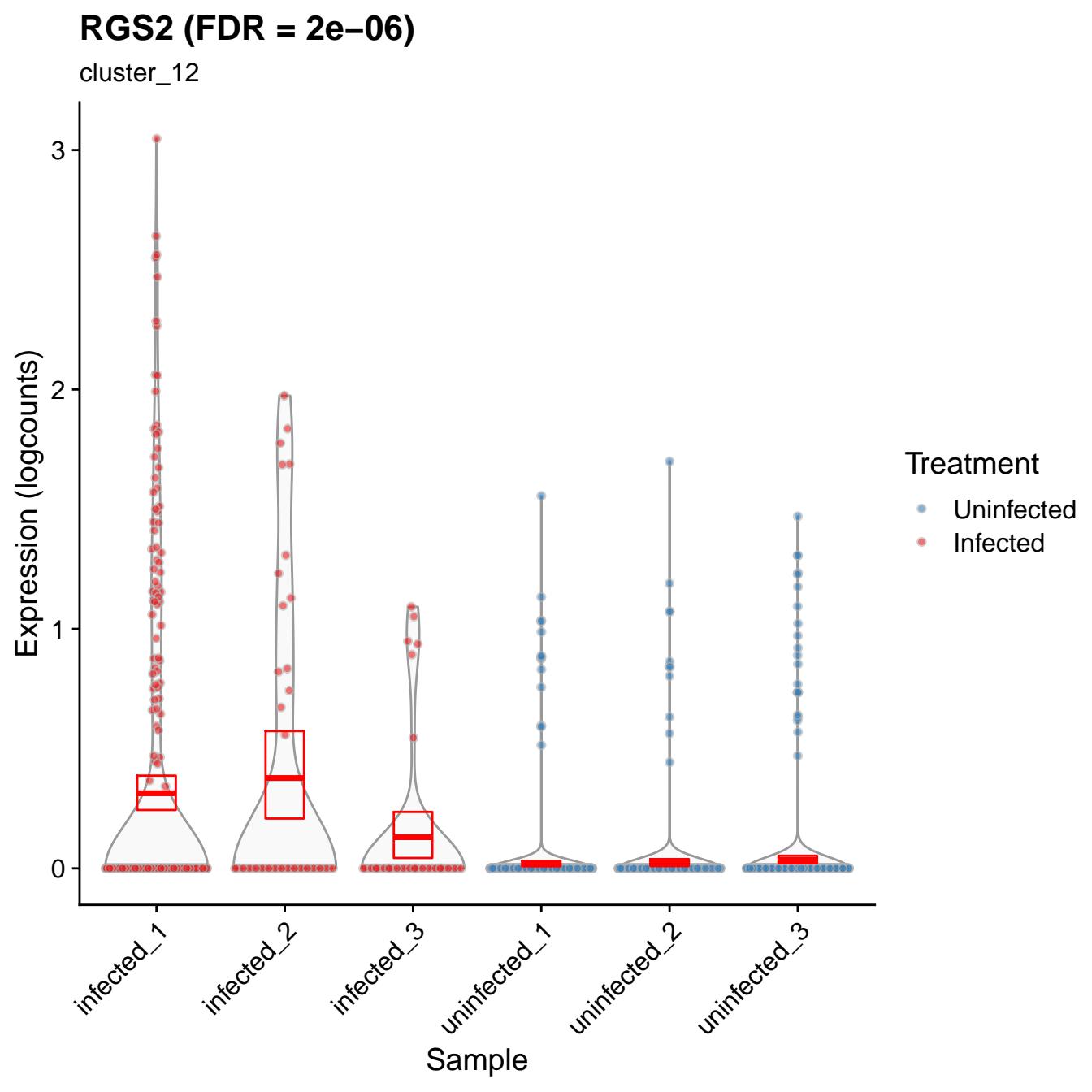
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



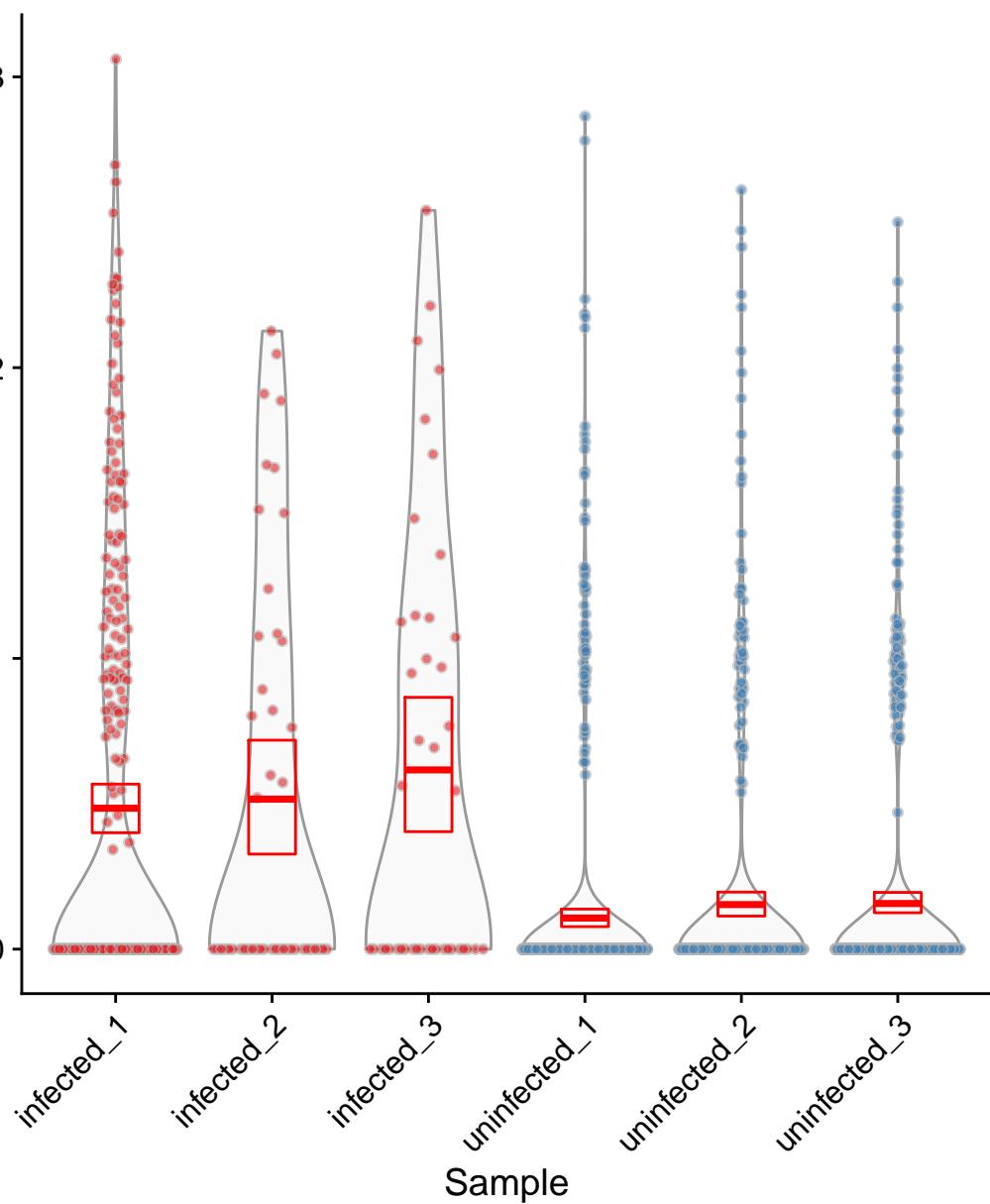
# HLA-DPB1 (FDR = 3e-06)

cluster\_12

Expression (logcounts)

Treatment

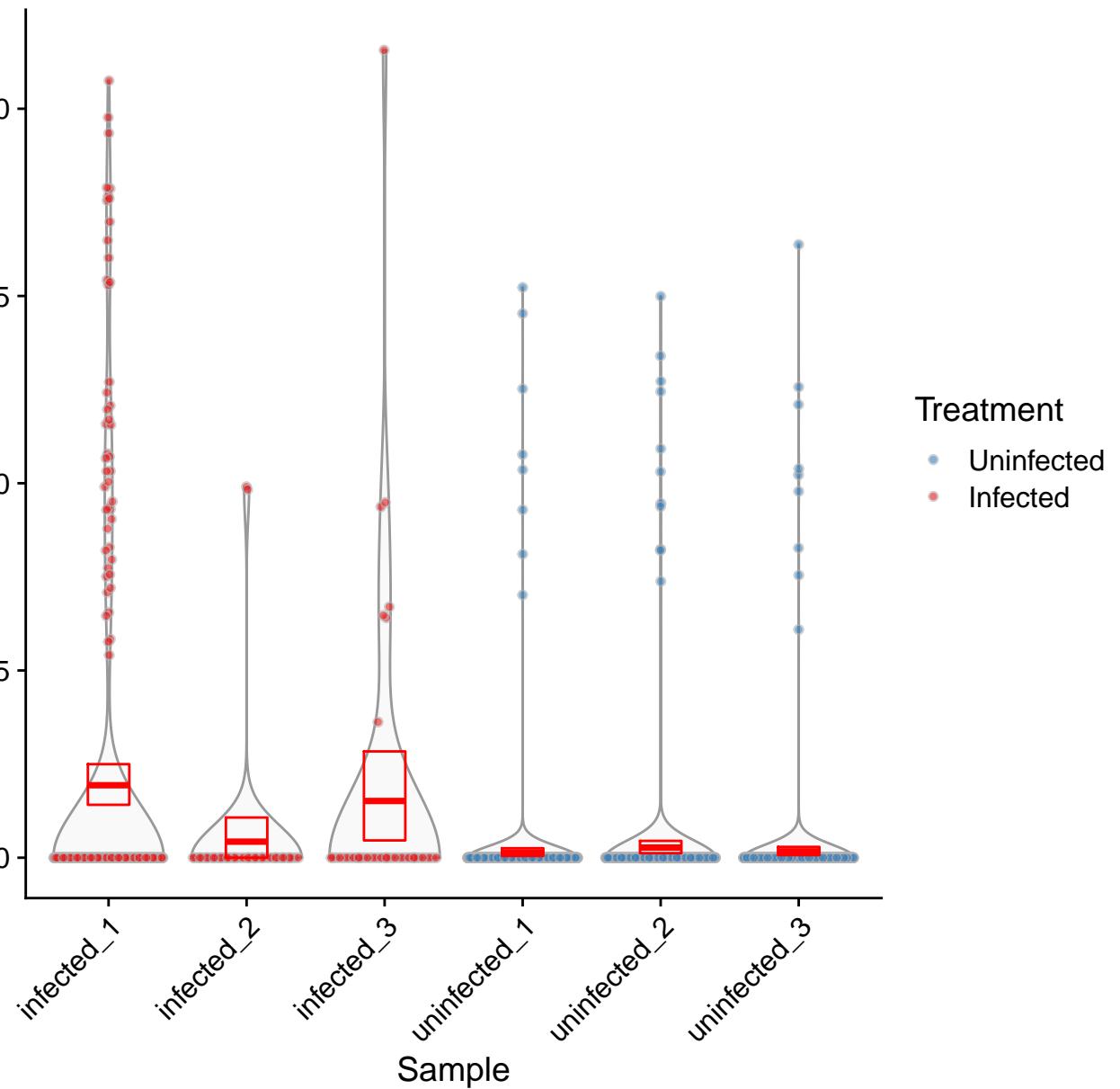
- Uninfected
- Infected



# DHRS3 (FDR = 5e-06)

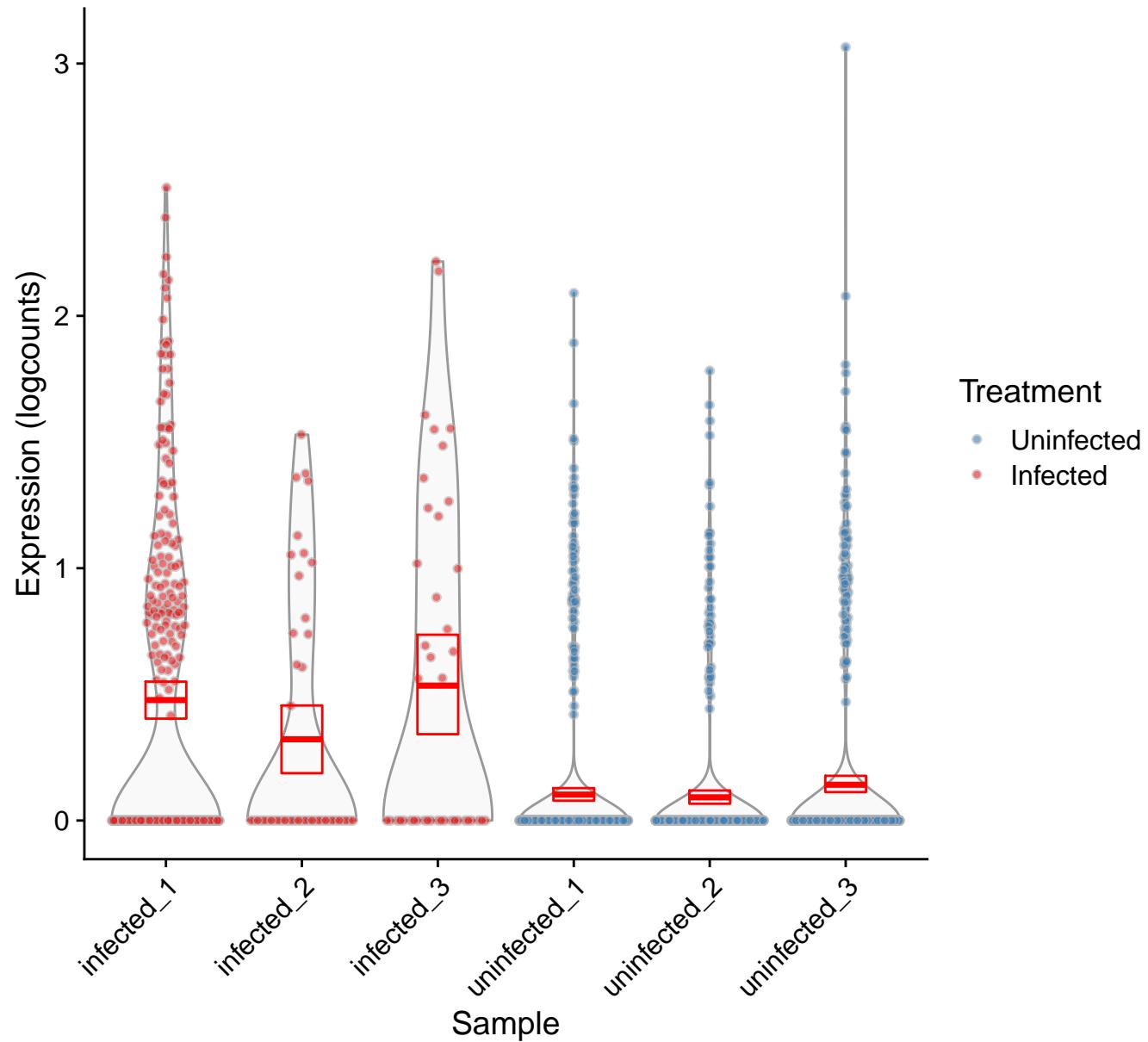
cluster\_12

Expression (logcounts)



# GLUL (FDR = 2e-05)

cluster\_12



# CBLB (FDR = 2e-05)

cluster\_12

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

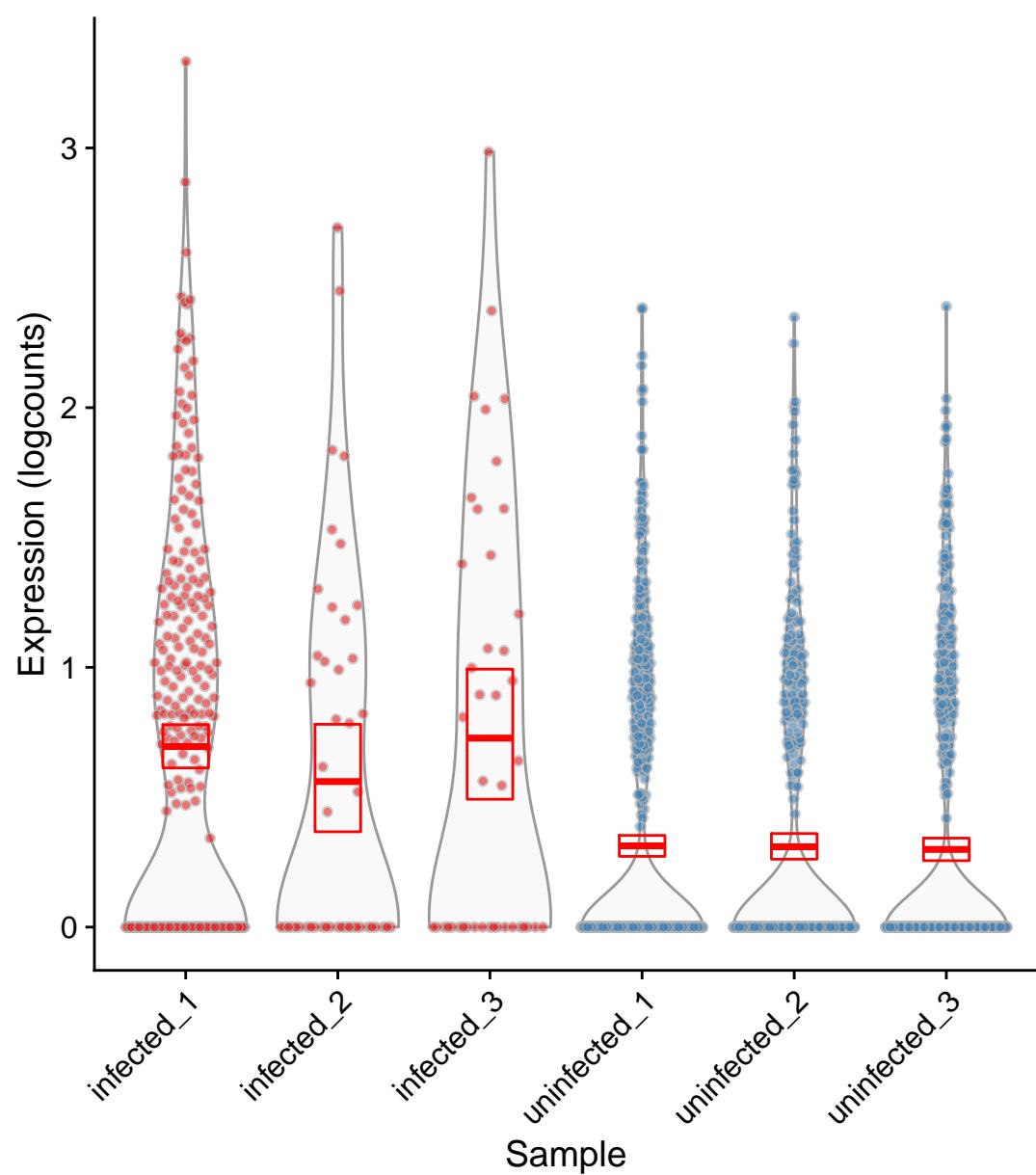
uninfected\_2

uninfected\_3

Sample

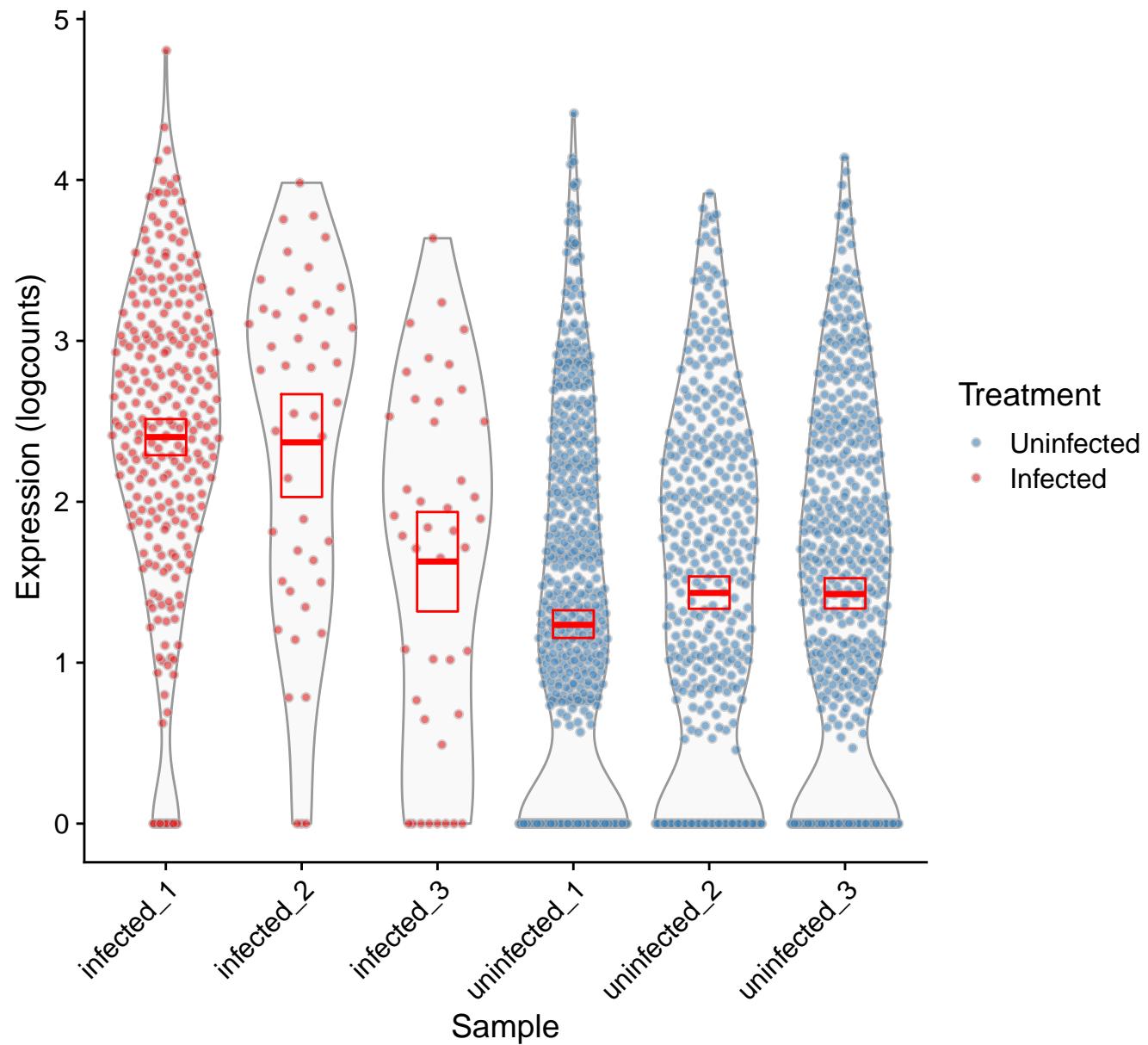
Treatment

- Uninfected
- Infected



# ITGB1 (FDR = 3e-05)

cluster\_12



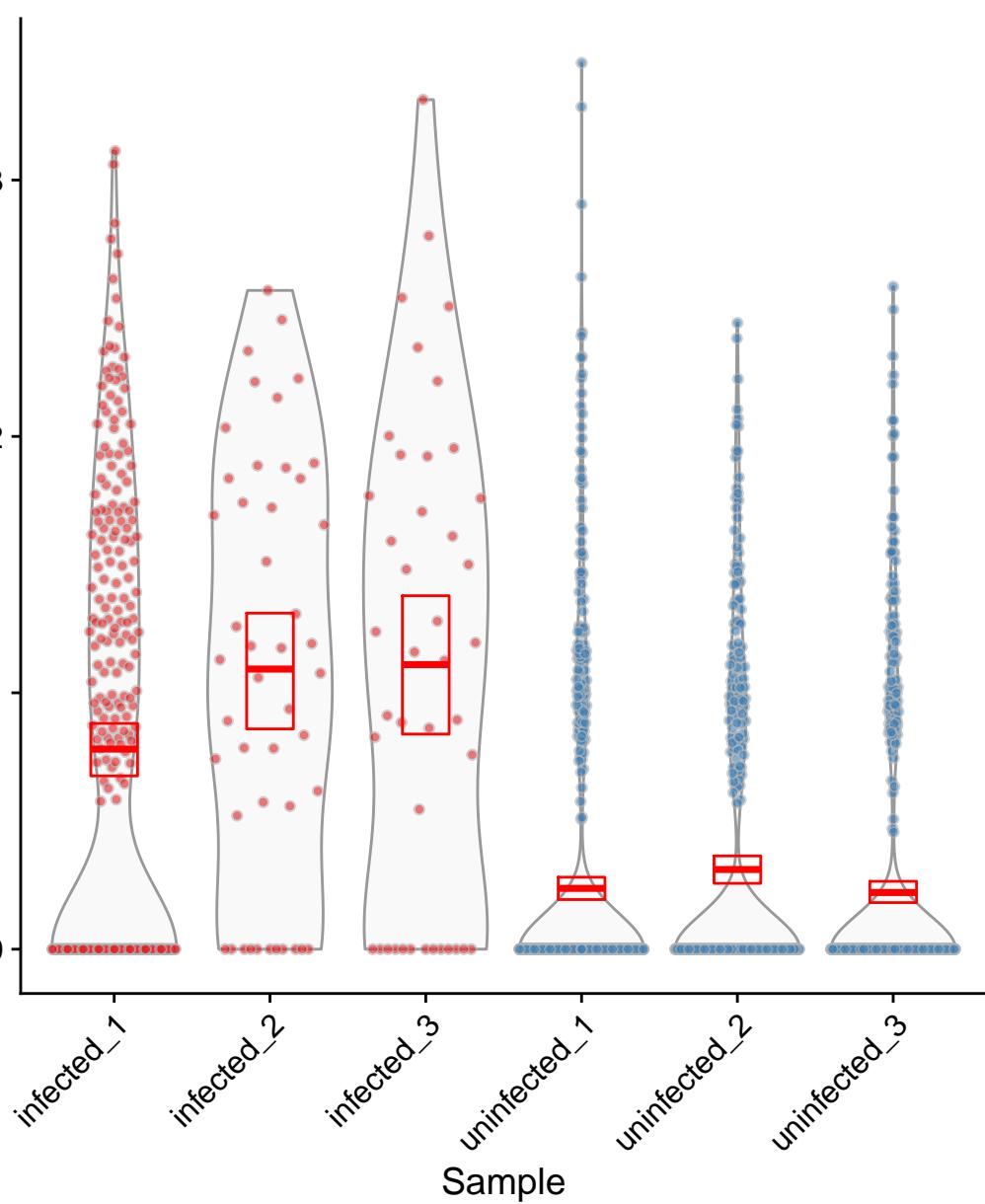
# HLA-DPA1 (FDR = 7e-05)

cluster\_12

Expression (logcounts)

Treatment

- Uninfected
- Infected



# IL2RA (FDR = 3e-04)

cluster\_12

Expression (logcounts)

3

2

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

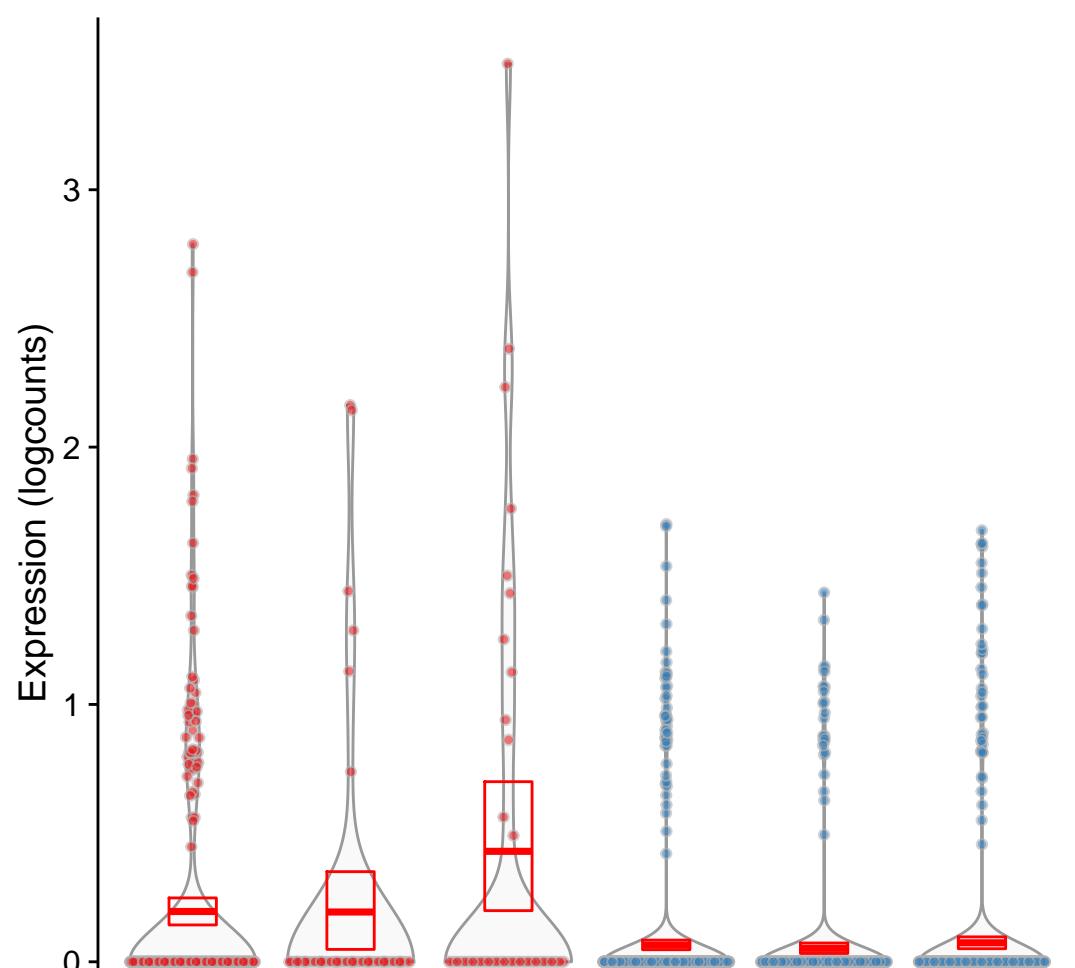
infected\_3

Sample

uninfected\_1

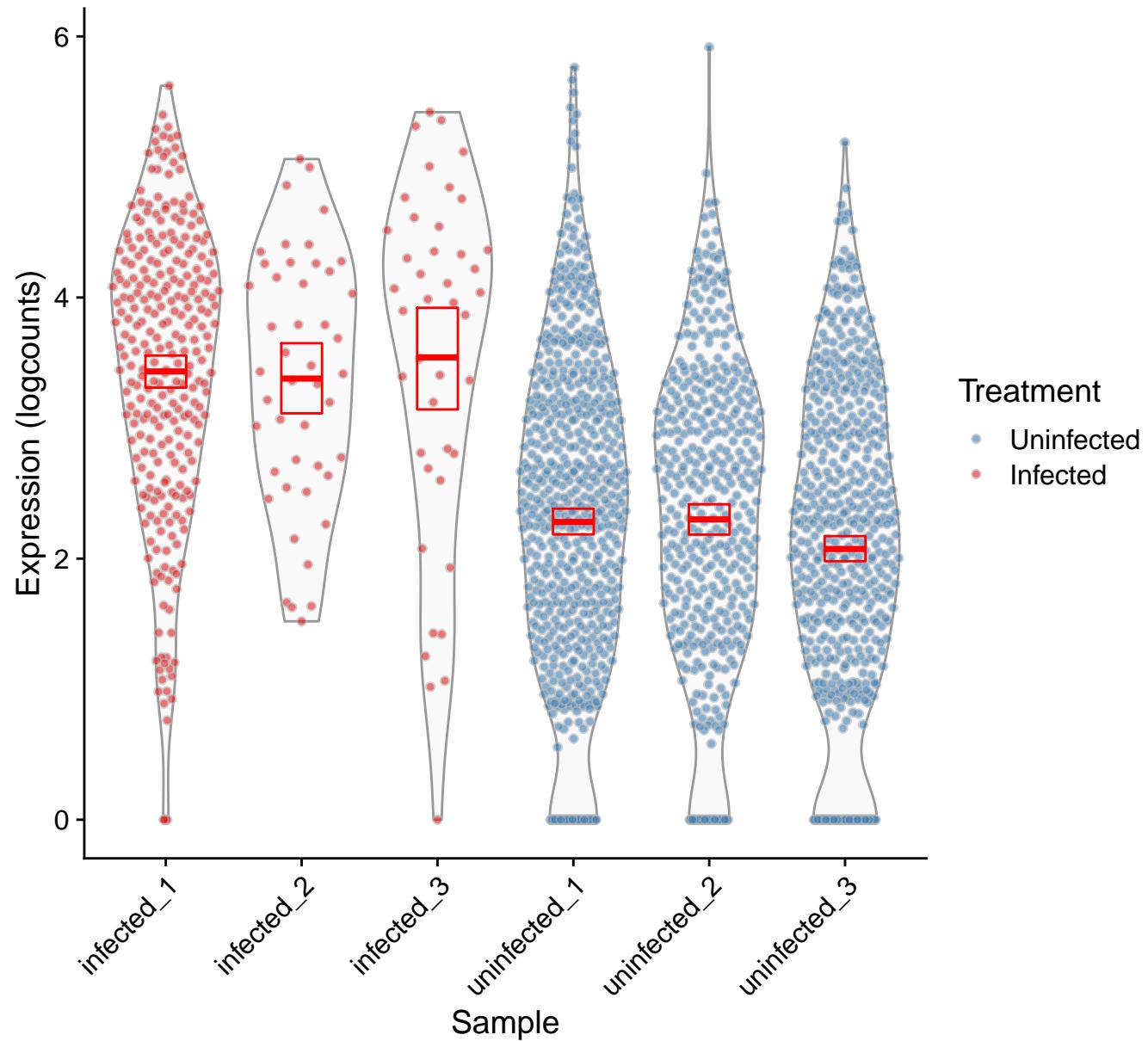
uninfected\_2

uninfected\_3



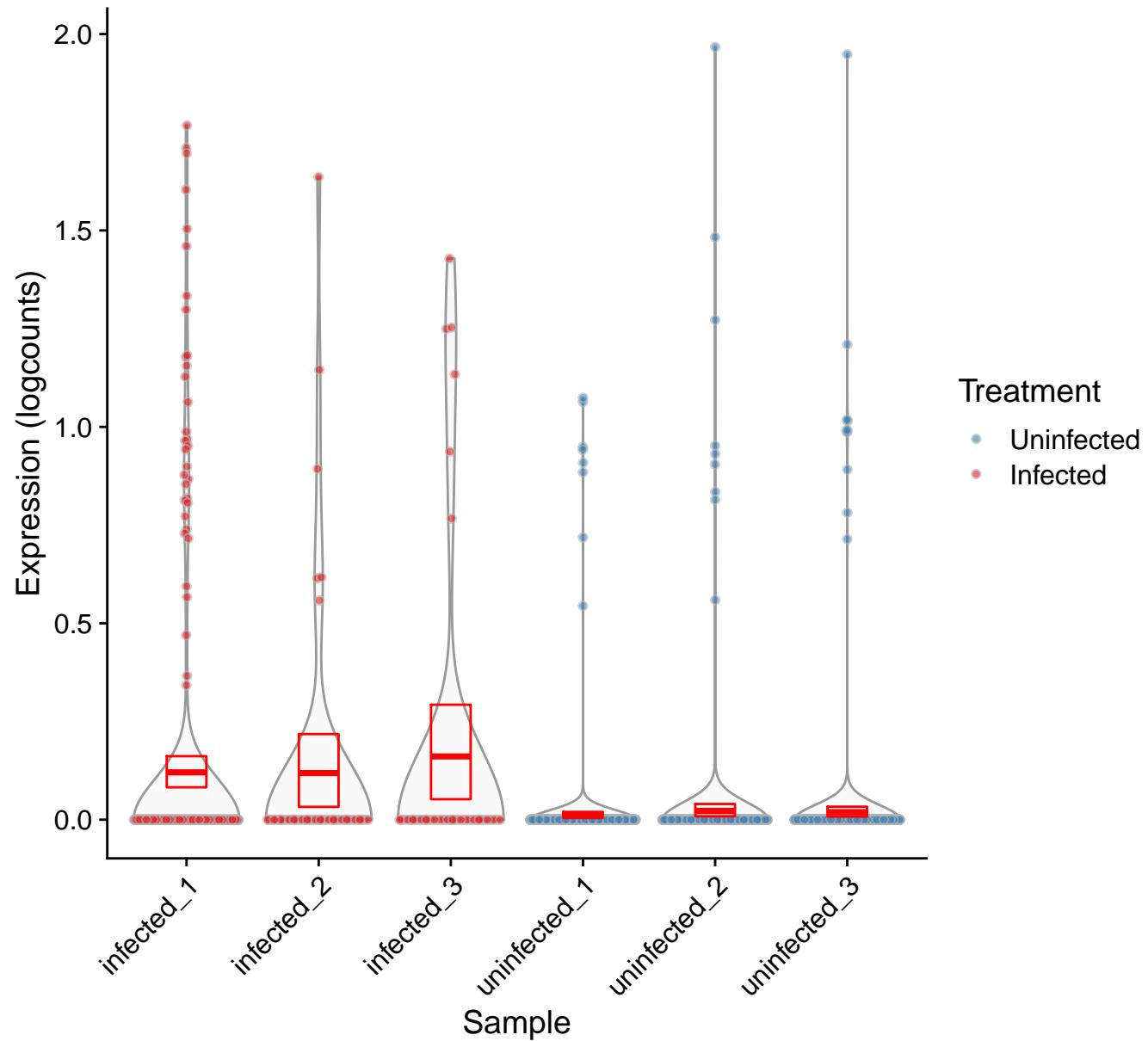
# CD74 (FDR = 3e-04)

cluster\_12



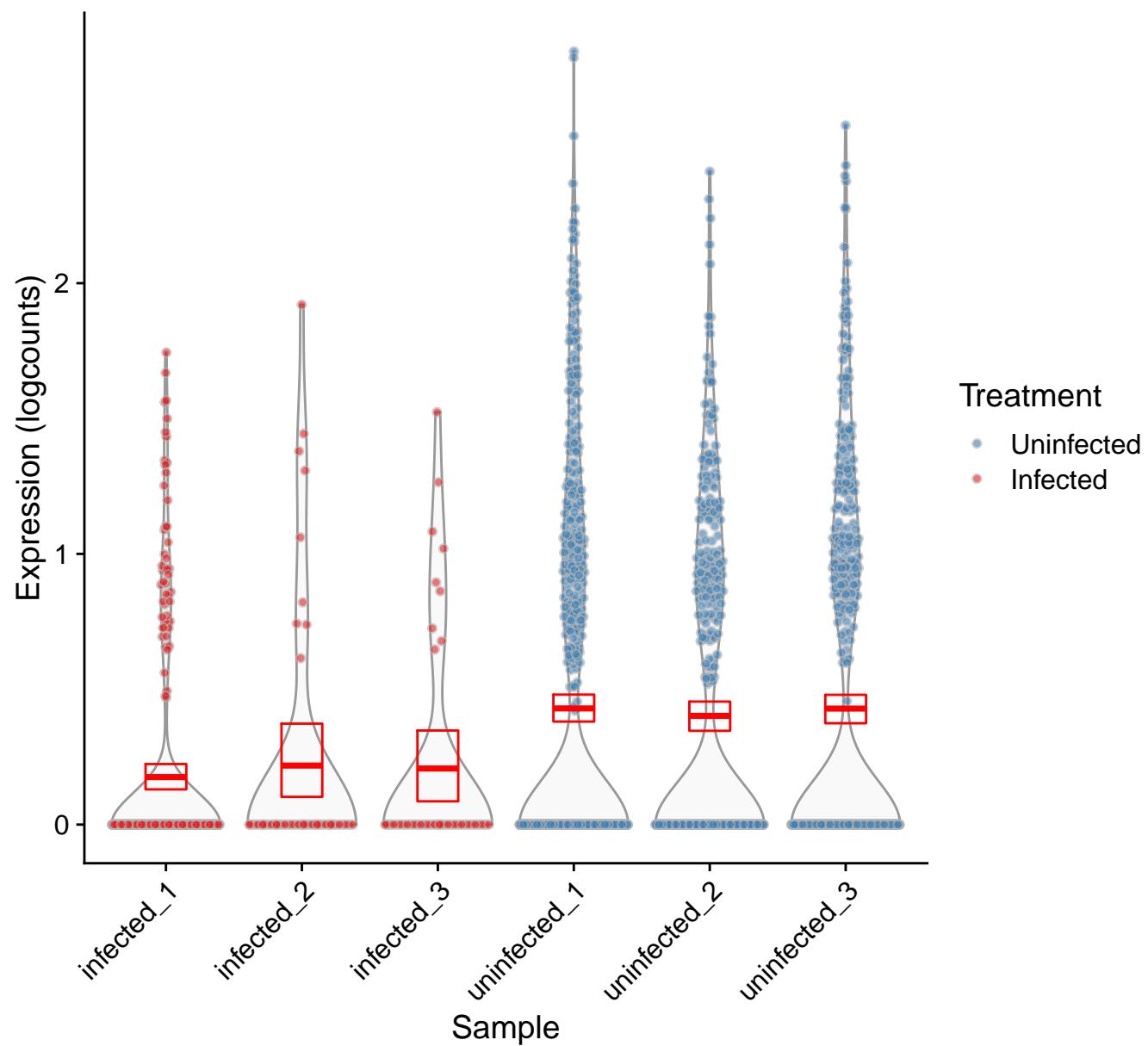
# KLRD1 (FDR = 8e-04)

cluster\_12



# TRABD2A (FDR = 0.001)

cluster\_12



# HLA-DRB1 (FDR = 0.001)

cluster\_12

Expression (logcounts)

3

2

1

infected\_1

infected\_2

infected\_3

uninfected\_1

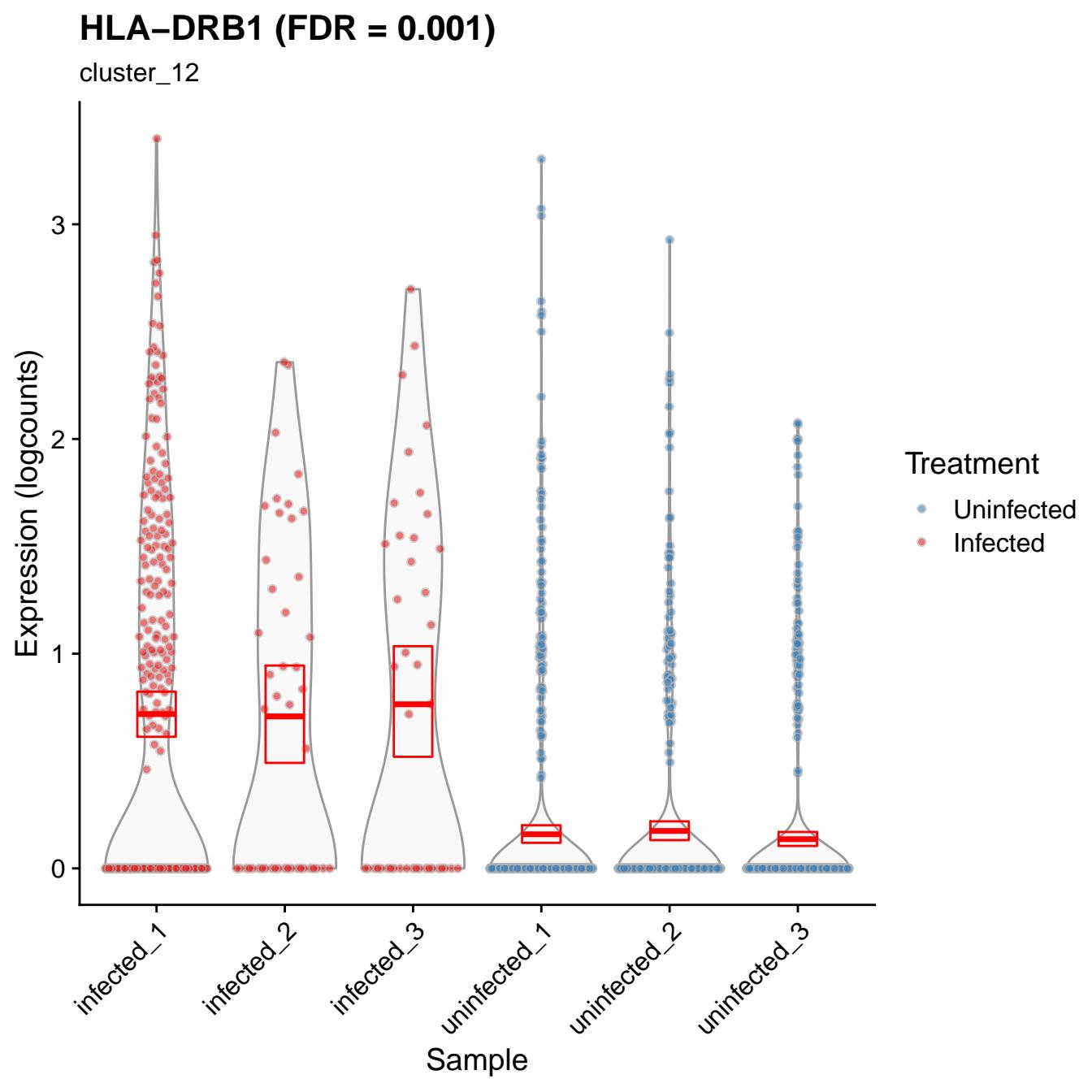
uninfected\_2

uninfected\_3

Sample

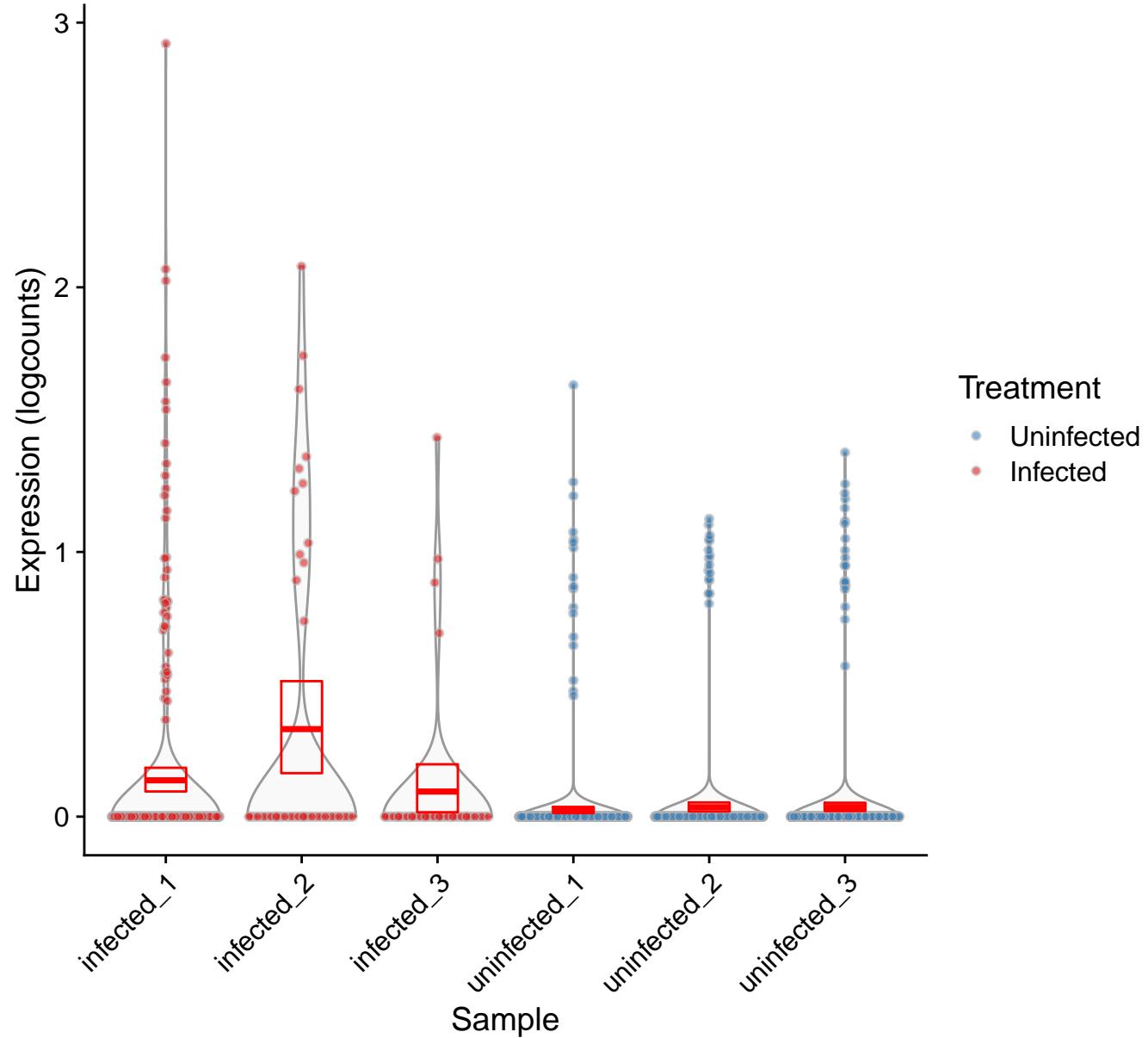
Treatment

- Uninfected
- Infected



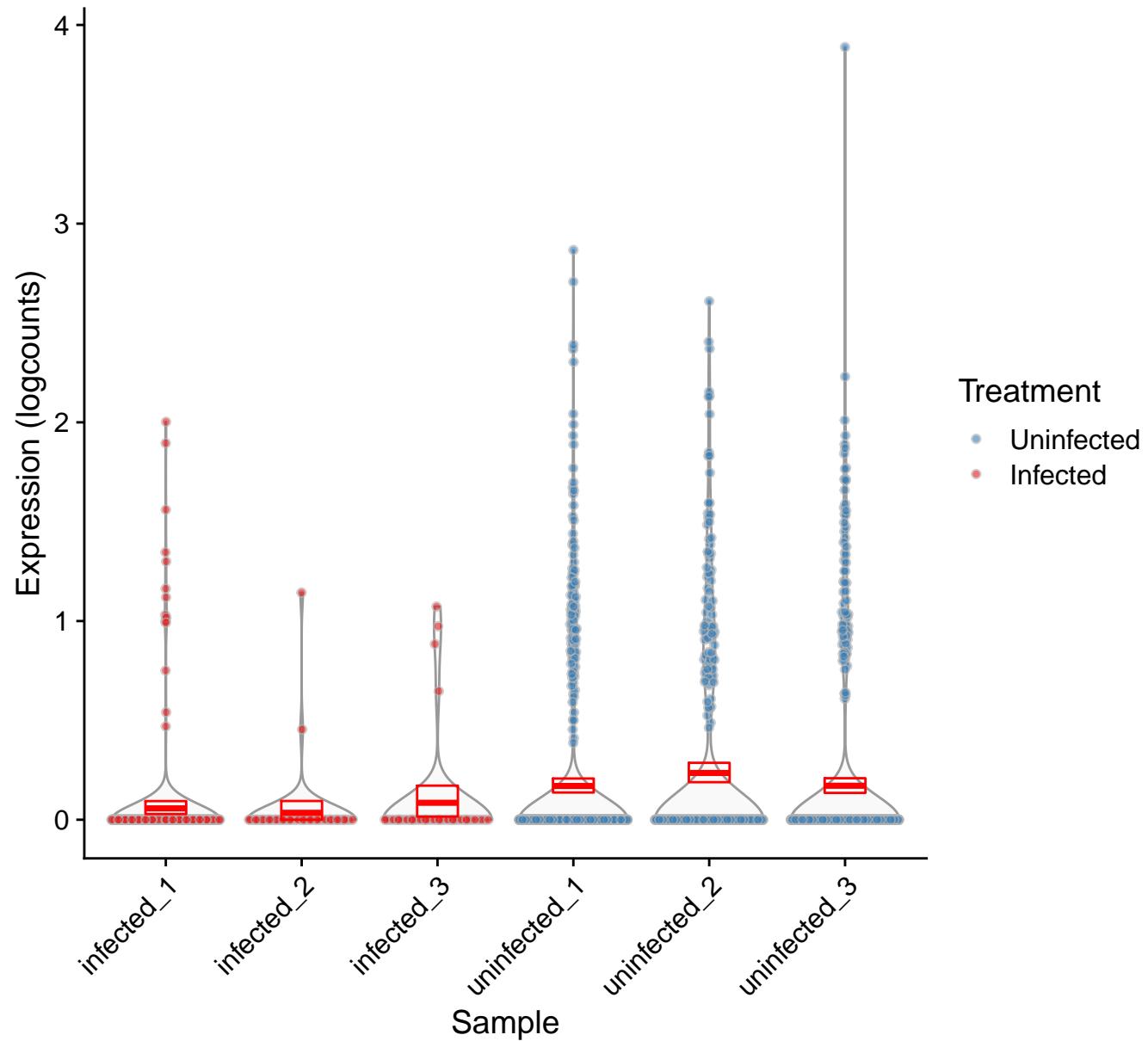
# RNASE6 (FDR = 0.001)

cluster\_12



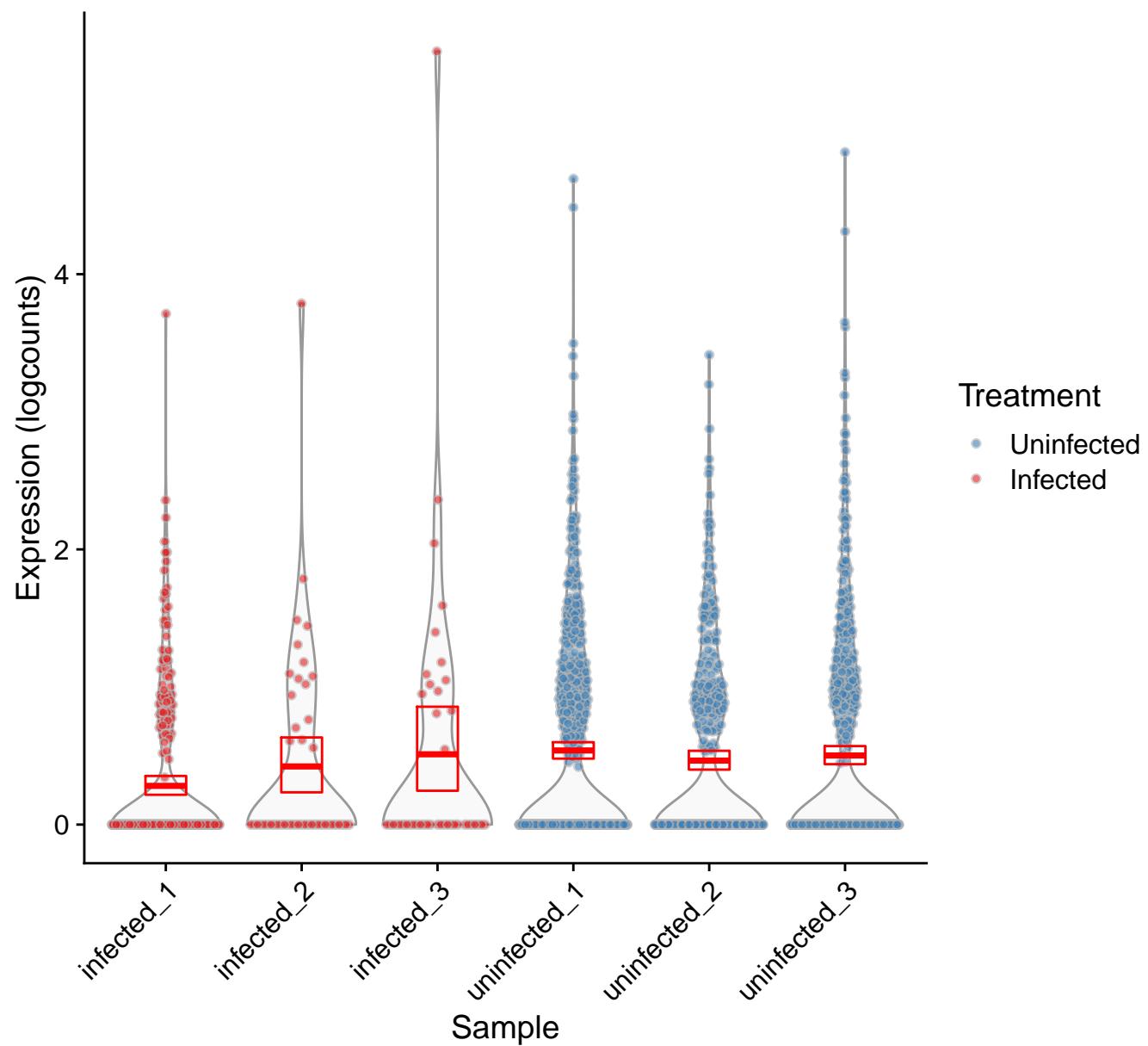
# SGK1 (FDR = 0.002)

cluster\_12



# LTA (FDR = 0.002)

cluster\_12



# LRRKIP2 (FDR = 0.002)

cluster\_12

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample

1.75

1.5

1.25

1.0

0.75

0.5

0.25

1.5

1.25

1.0

0.75

0.5

0.25

infected\_1  
infected\_2  
infected\_3

1.75

1.5

1.25

1.0

0.75

0.5

0.25

1.75

1.5

1.25

1.0

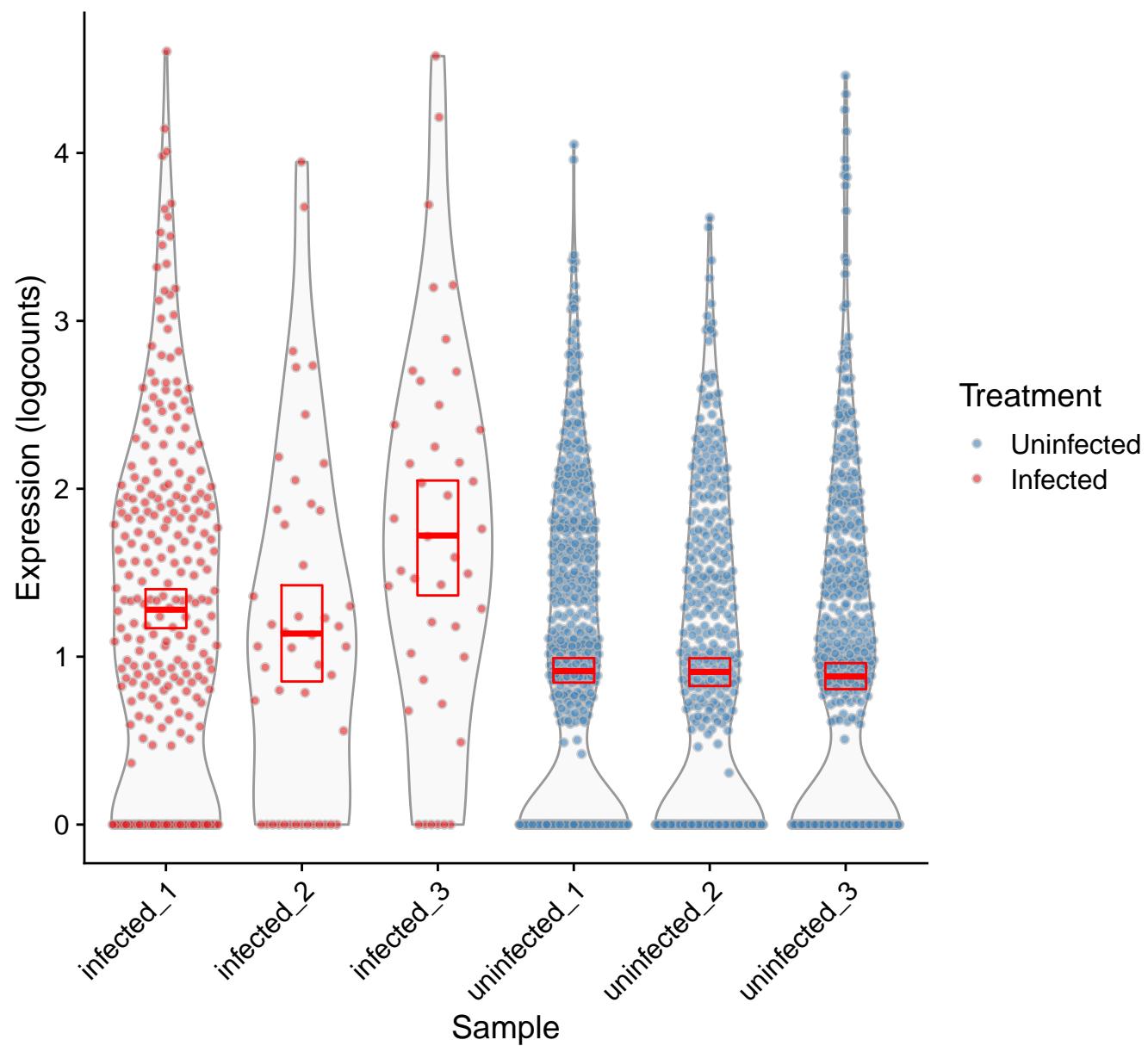
0.75

0.5

0.25

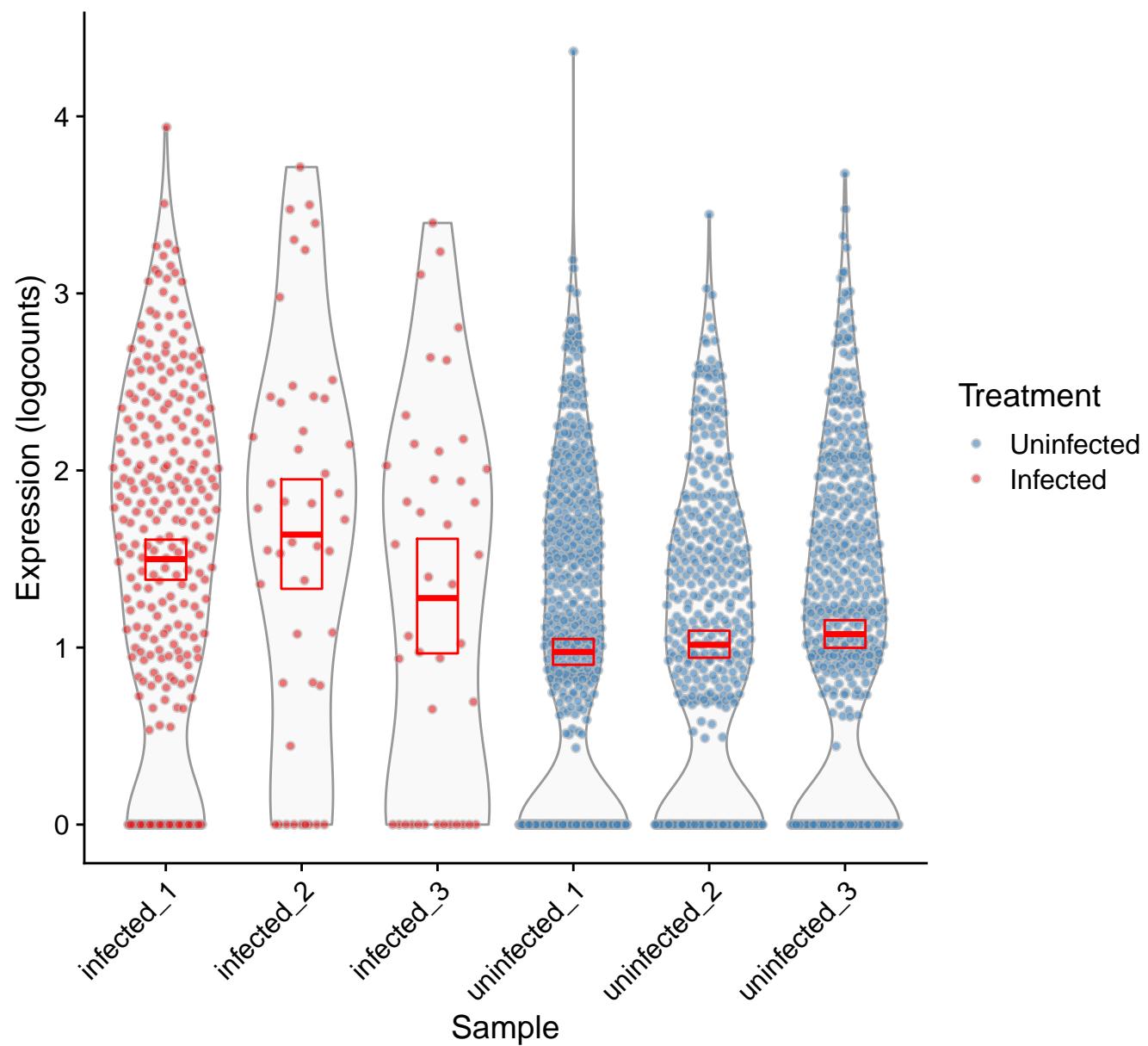
# NFKBIA (FDR = 0.002)

cluster\_12



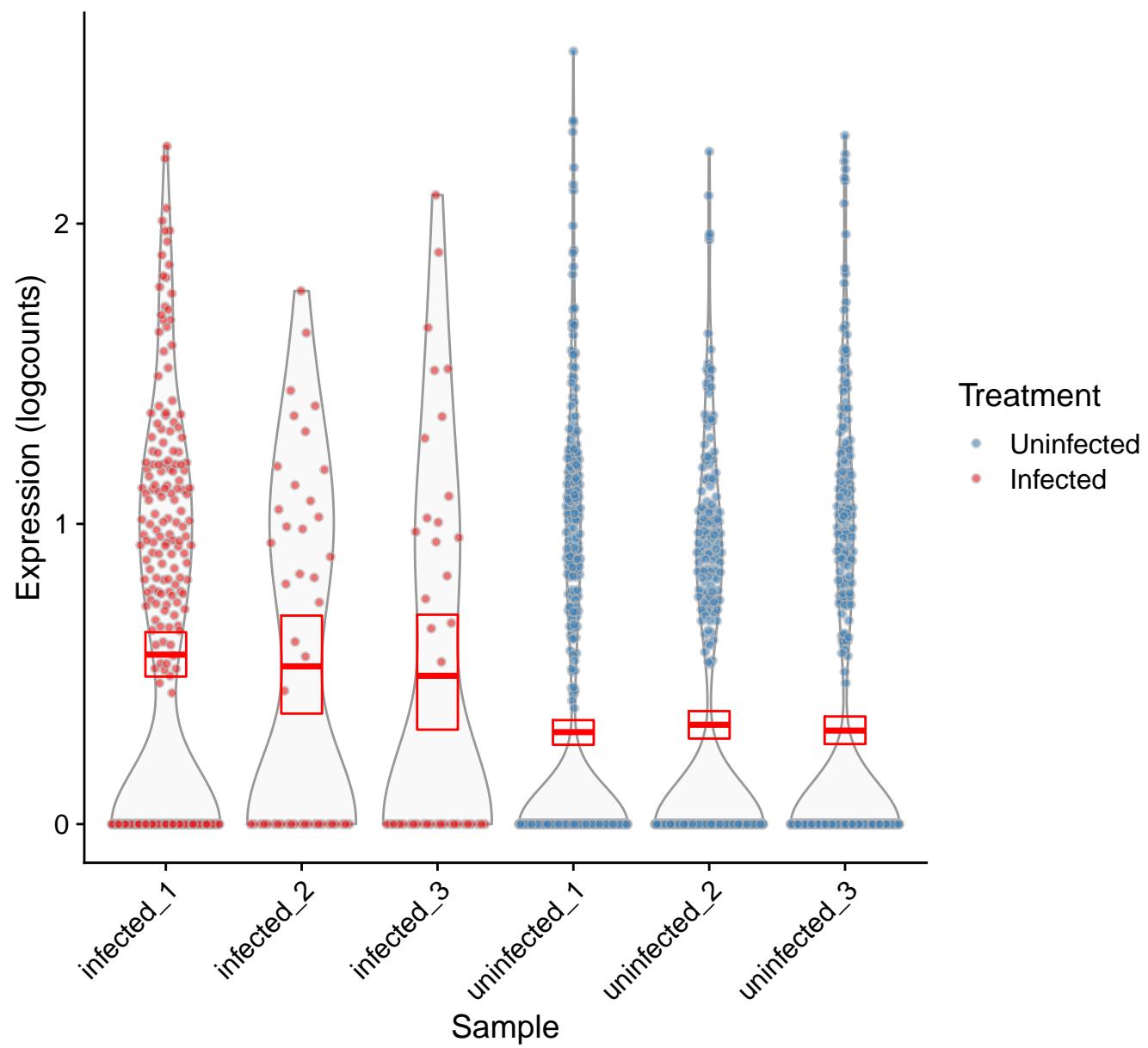
# ALOX5AP (FDR = 0.002)

cluster\_12



# IL4R (FDR = 0.002)

cluster\_12



# WNT10A (FDR = 0.003)

cluster\_12

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

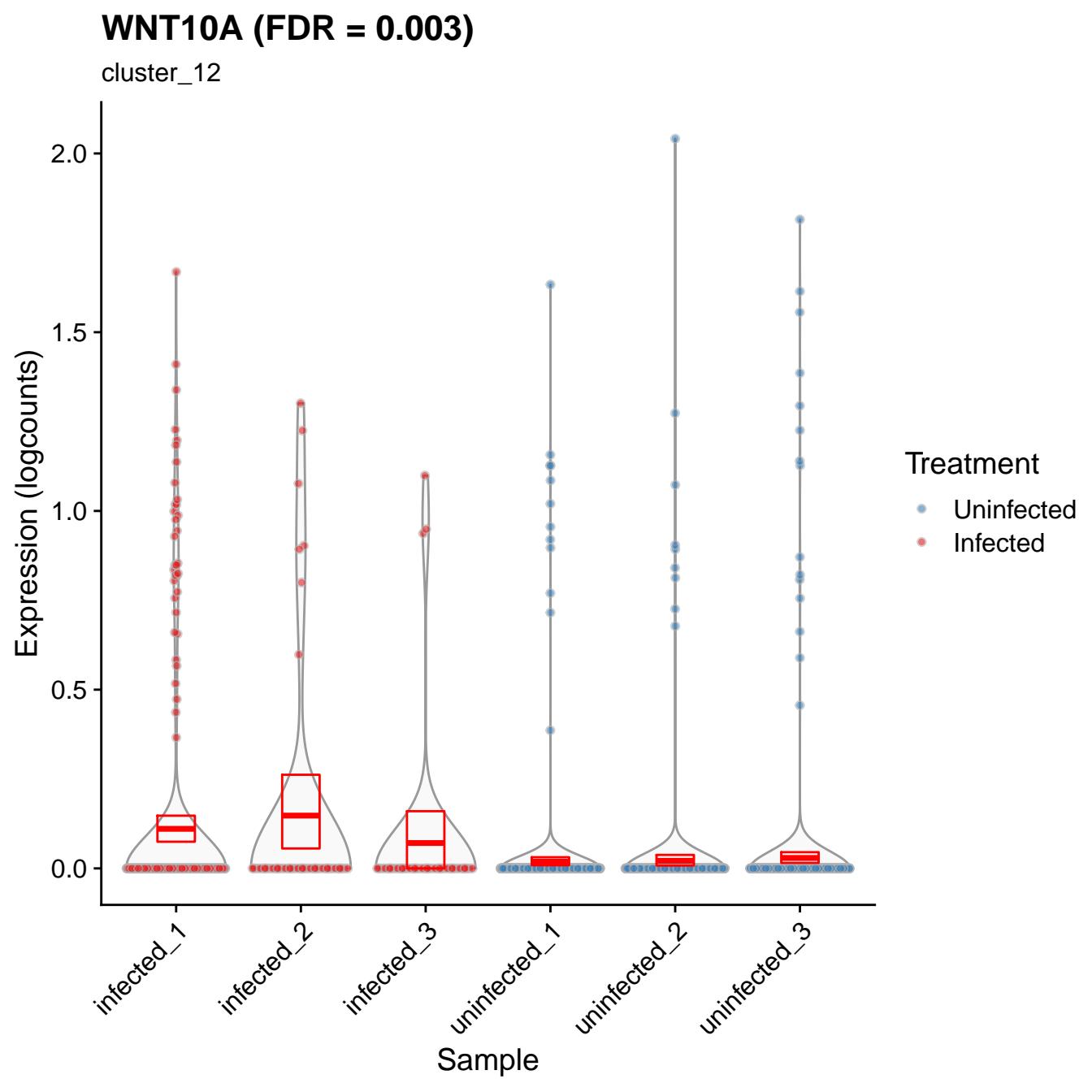
infected\_3

Sample

uninfected\_1

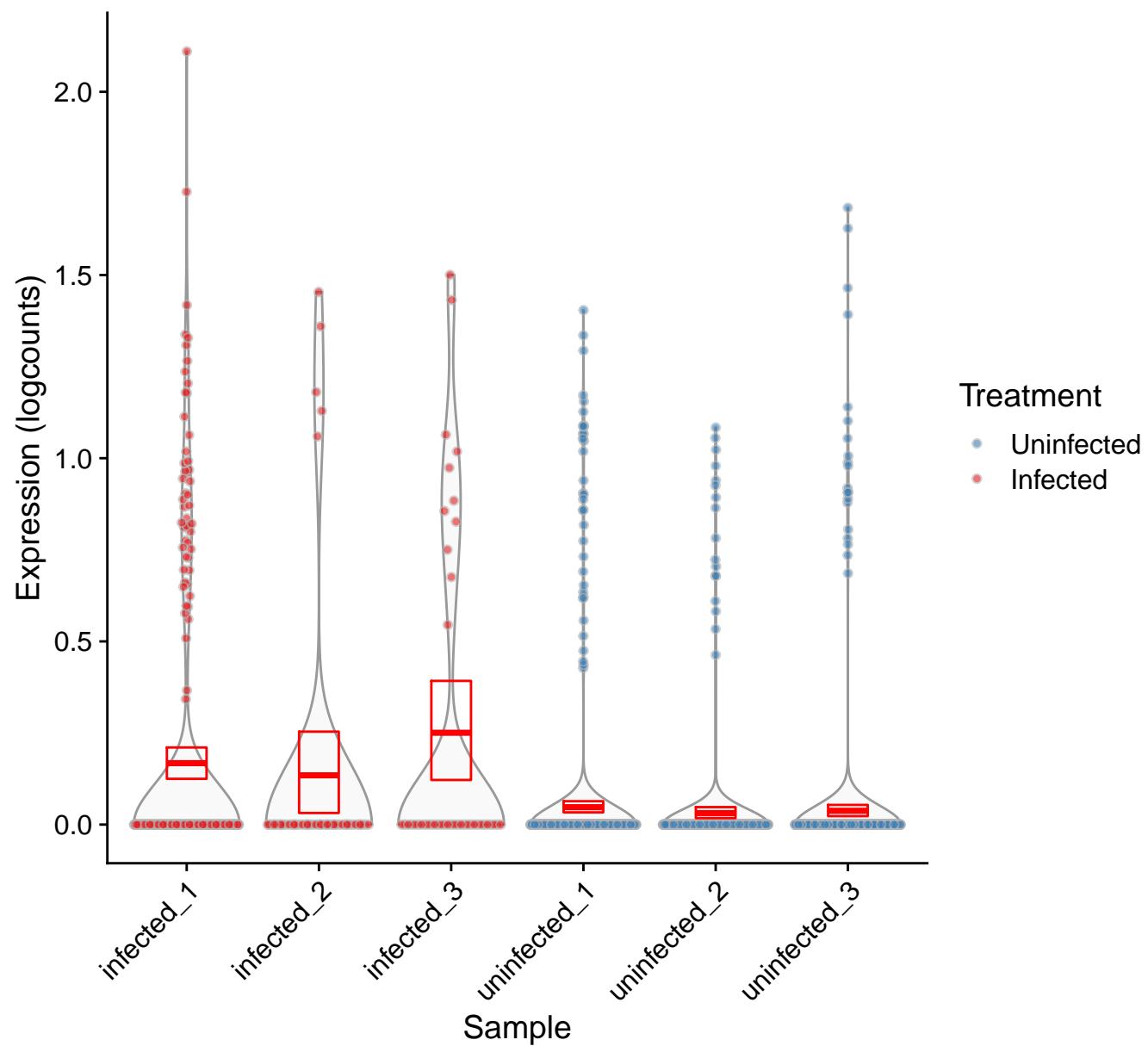
uninfected\_2

uninfected\_3



# AIM2 (FDR = 0.003)

cluster\_12



# SLF1 (FDR = 0.003)

cluster\_12

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

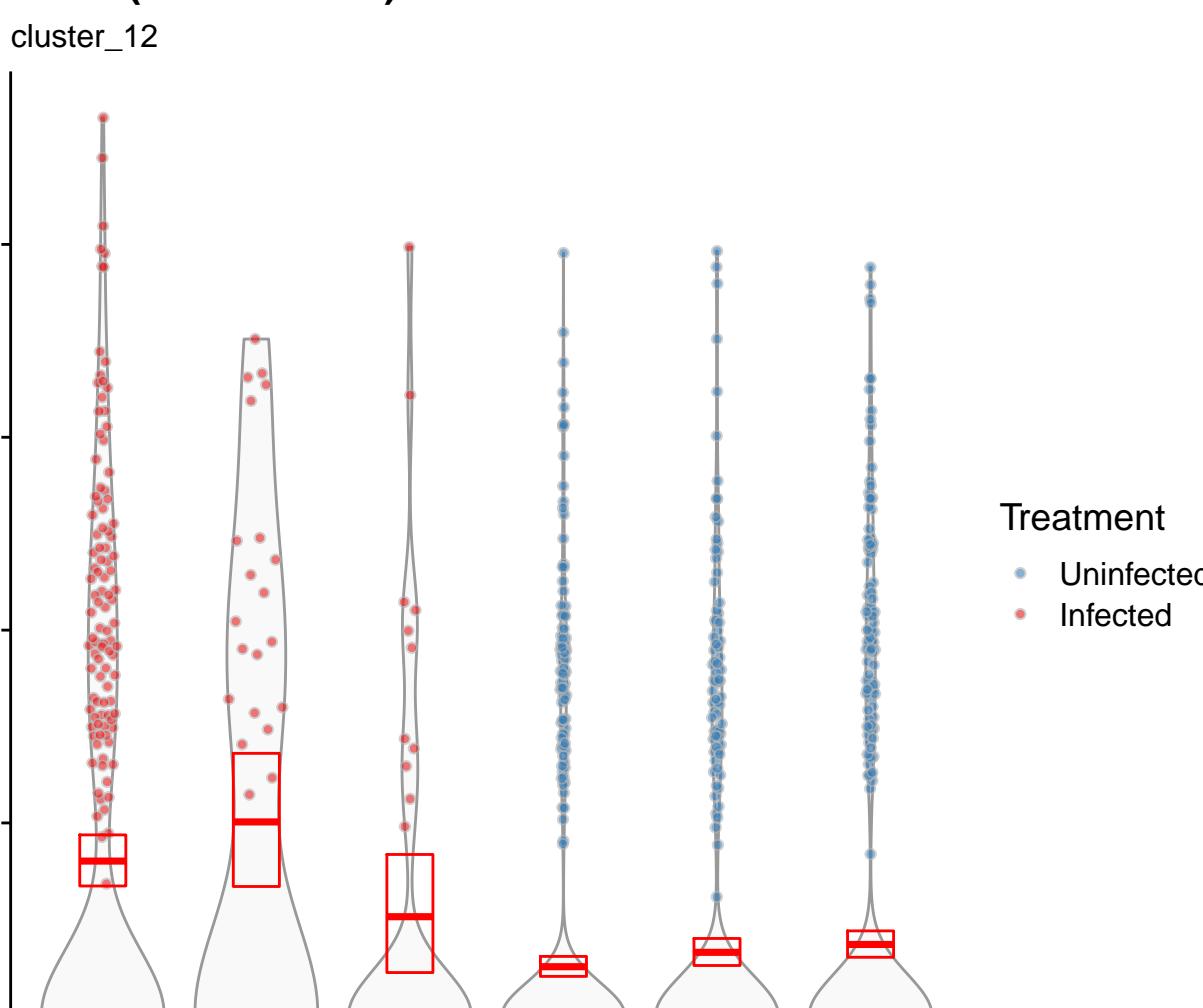
infected\_3

Sample

uninfected\_1

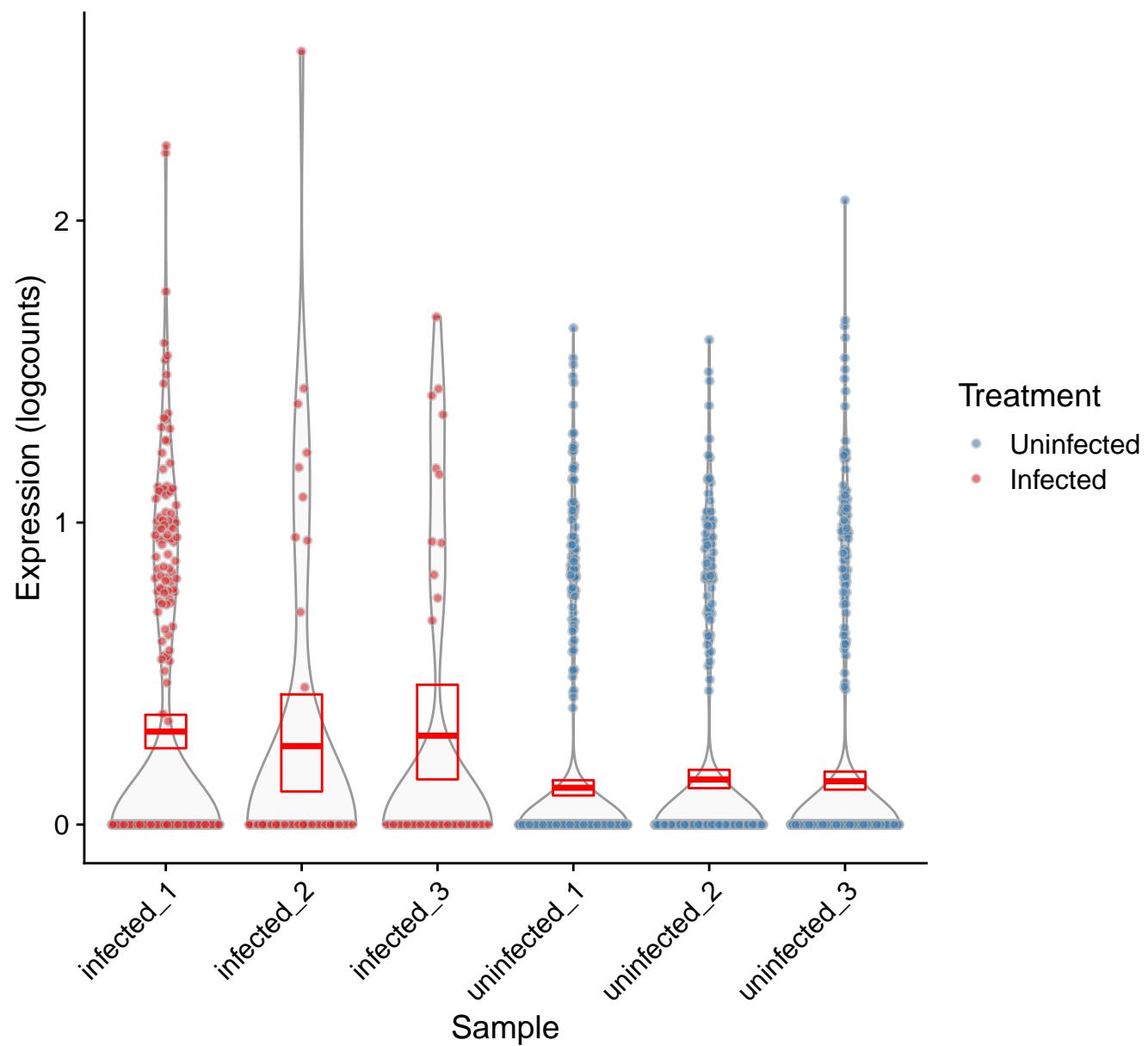
uninfected\_2

uninfected\_3



# RFFL (FDR = 0.003)

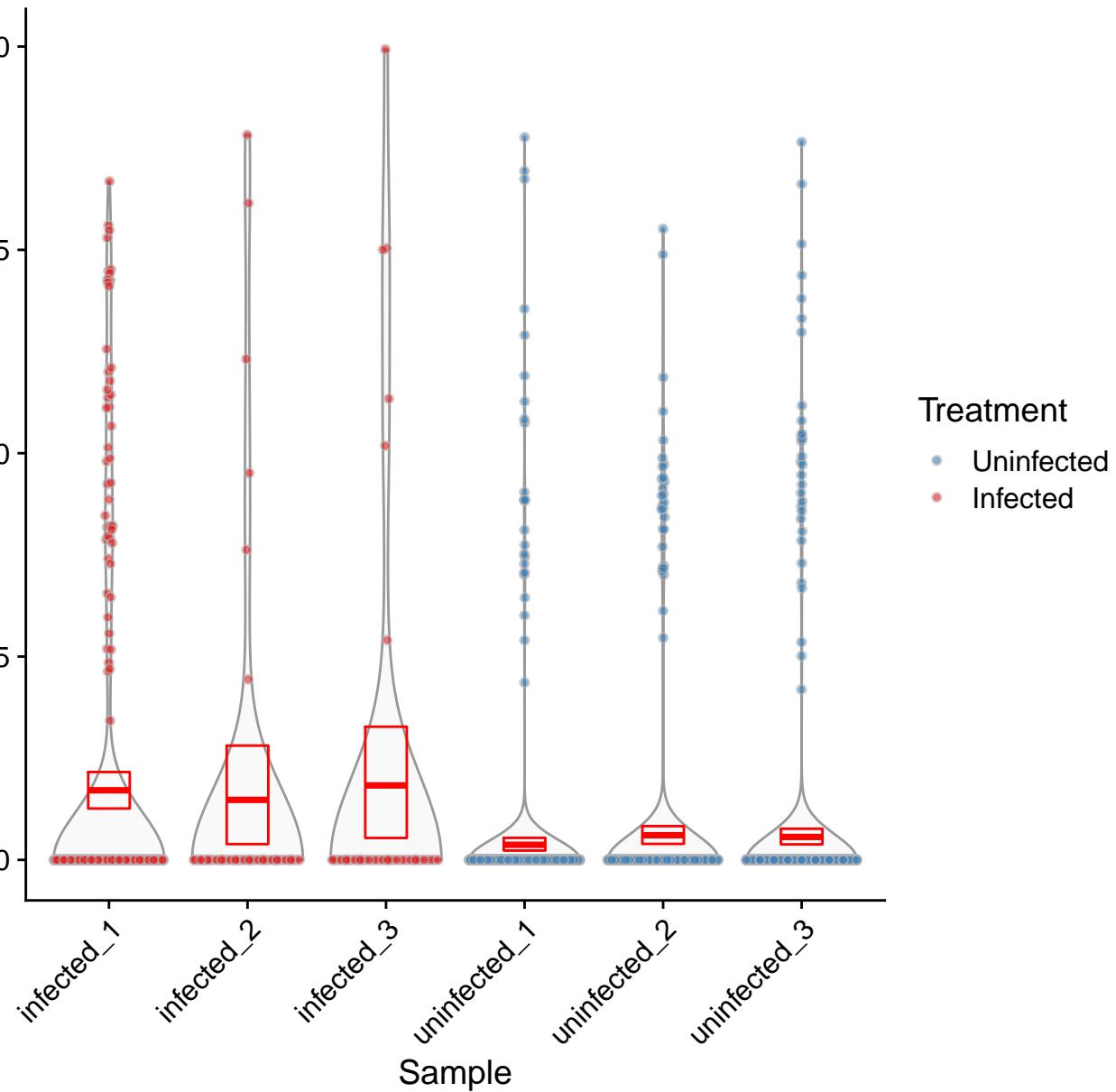
cluster\_12



# CLECL1 (FDR = 0.003)

cluster\_12

Expression (logcounts)

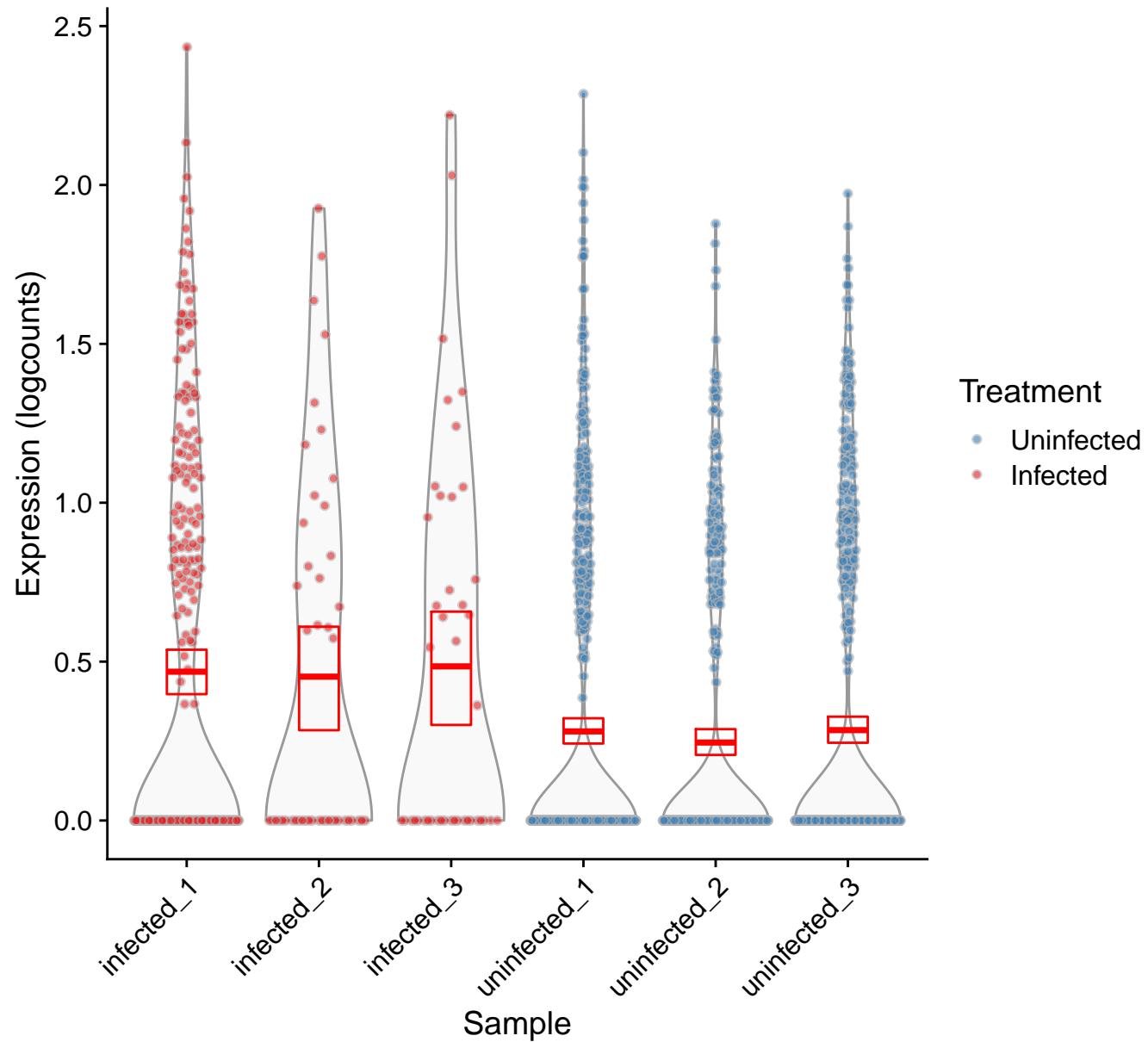


Treatment

- Uninfected
- Infected

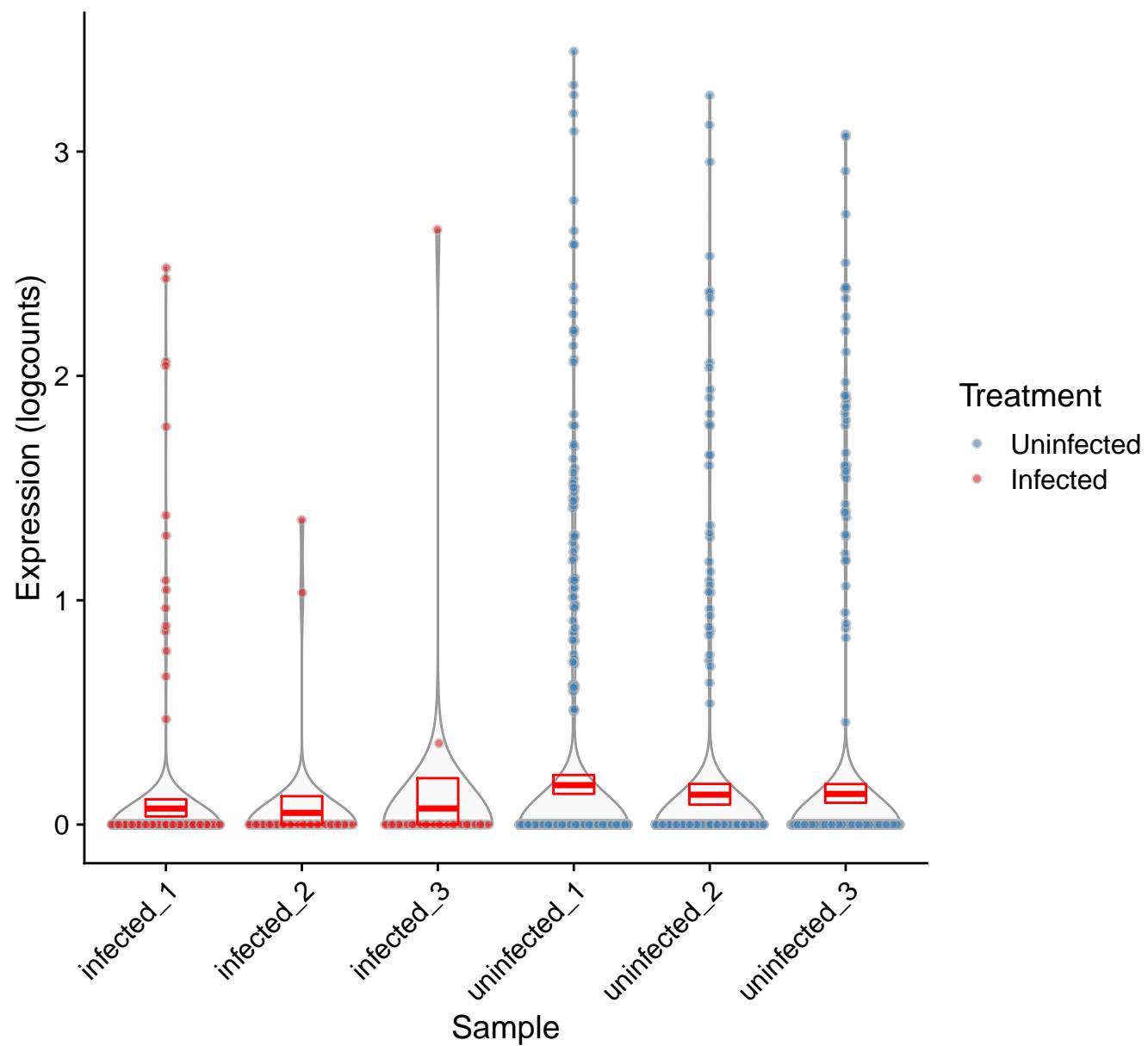
# **SLC25A46 (FDR = 0.004)**

cluster\_12



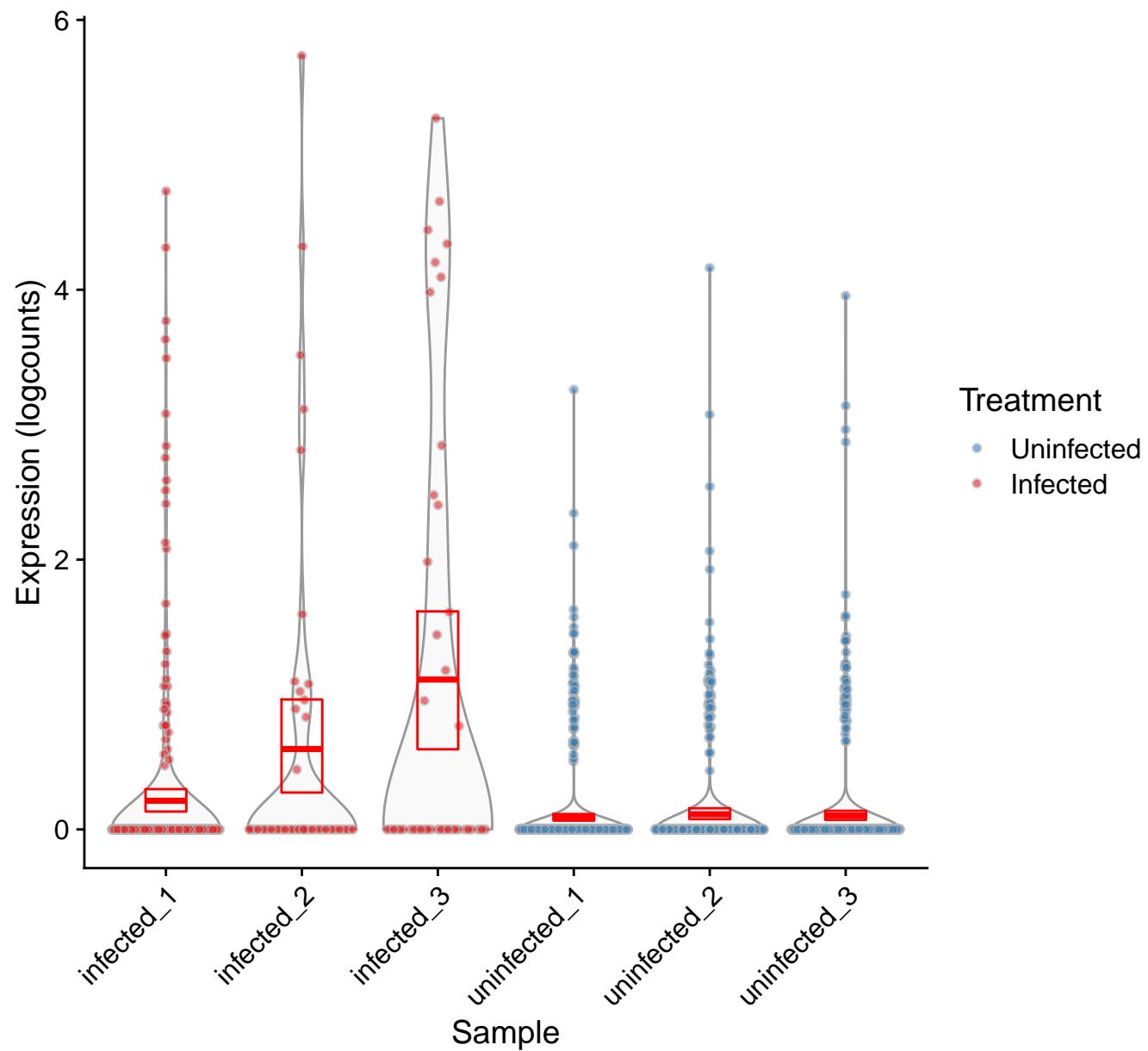
# GPR25 (FDR = 0.006)

cluster\_12



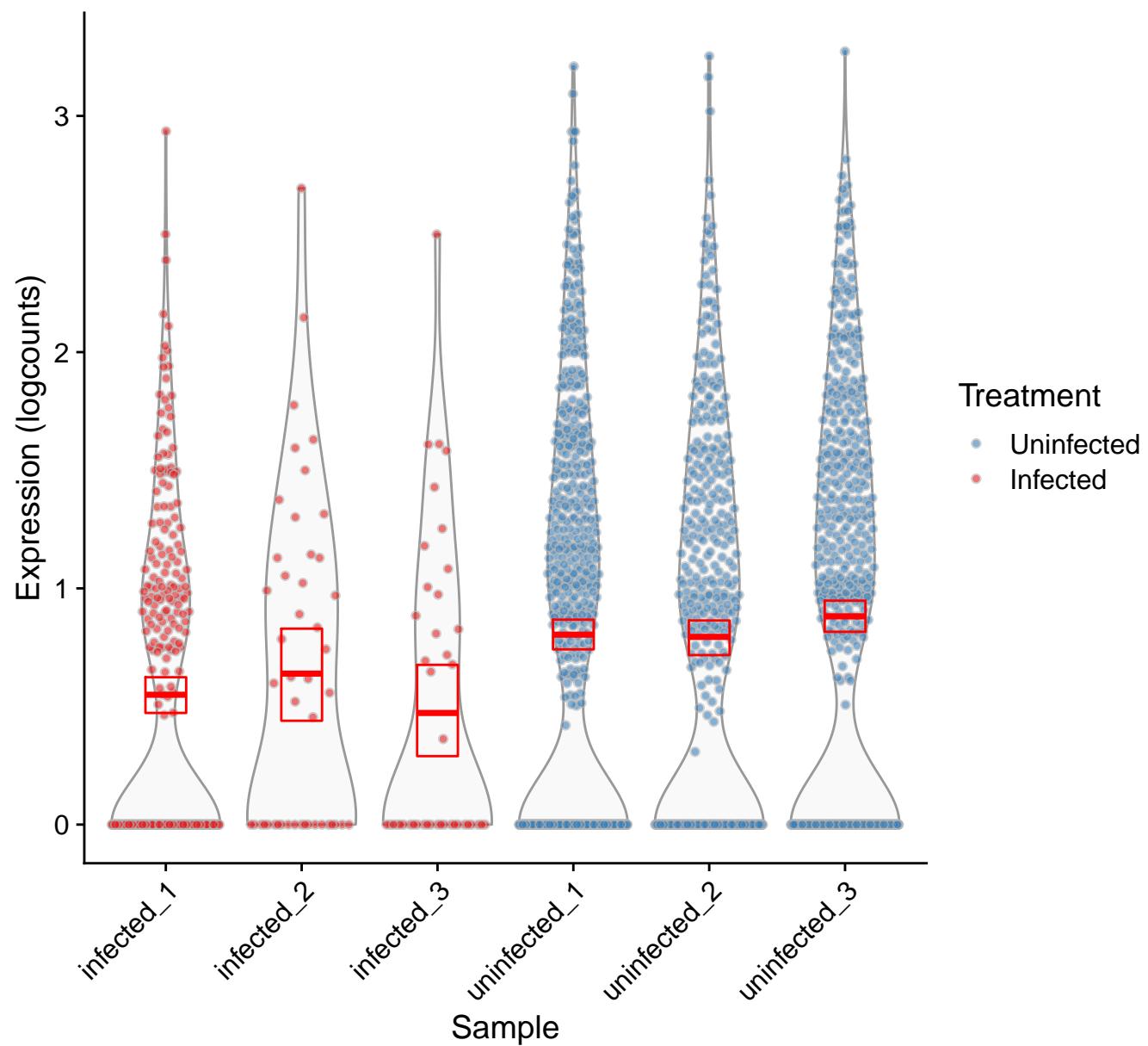
# GNLY (FDR = 0.006)

cluster\_12



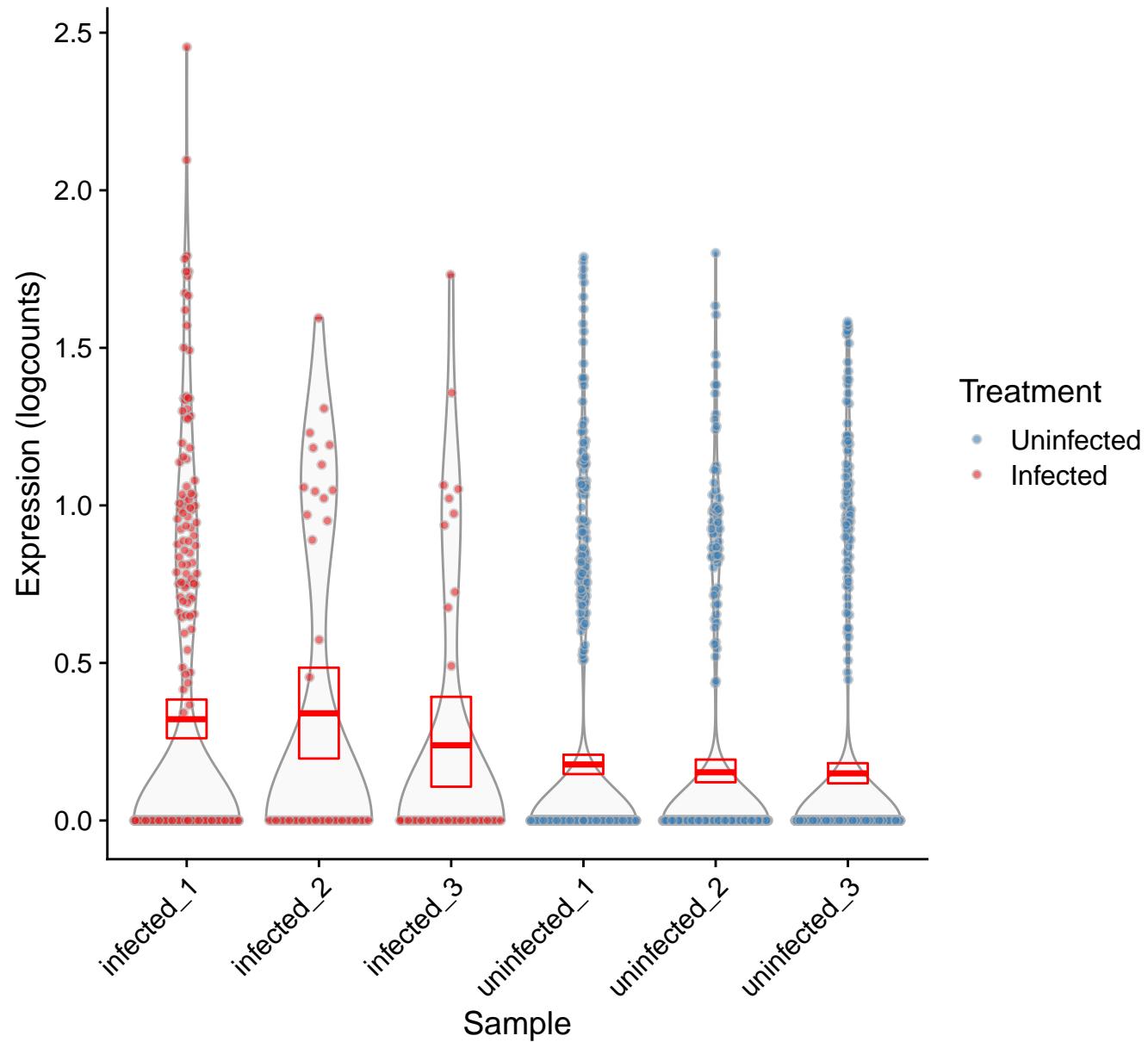
# CCND2 (FDR = 0.007)

cluster\_12



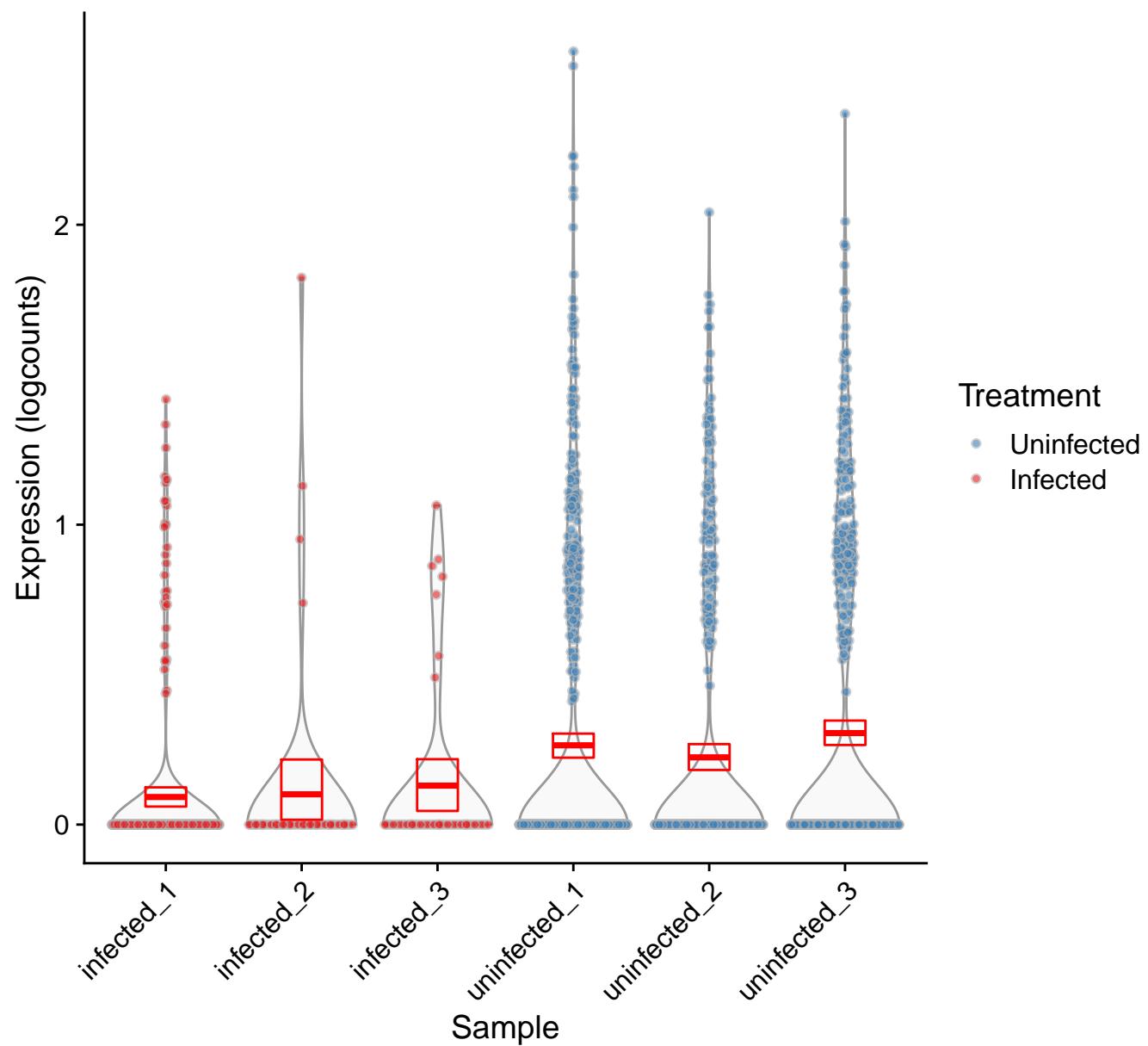
# FBXO34 (FDR = 0.009)

cluster\_12



# IFI44 (FDR = 0.009)

cluster\_12



# FOXP1 (FDR = 0.01)

cluster\_12

Expression (logcounts)

3

2

0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

infected\_3

Sample



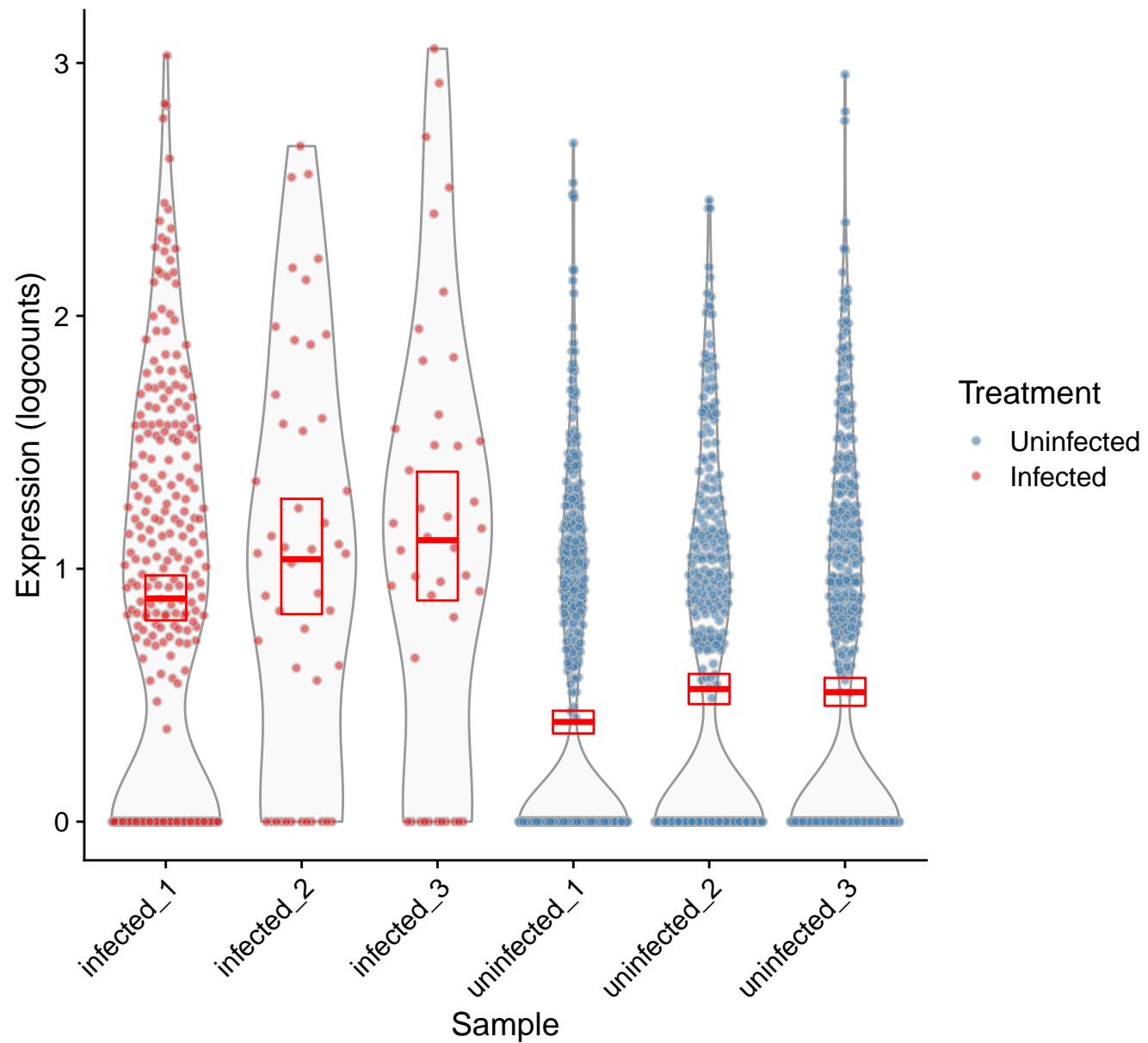
uninfected\_1

uninfected\_2

uninfected\_3

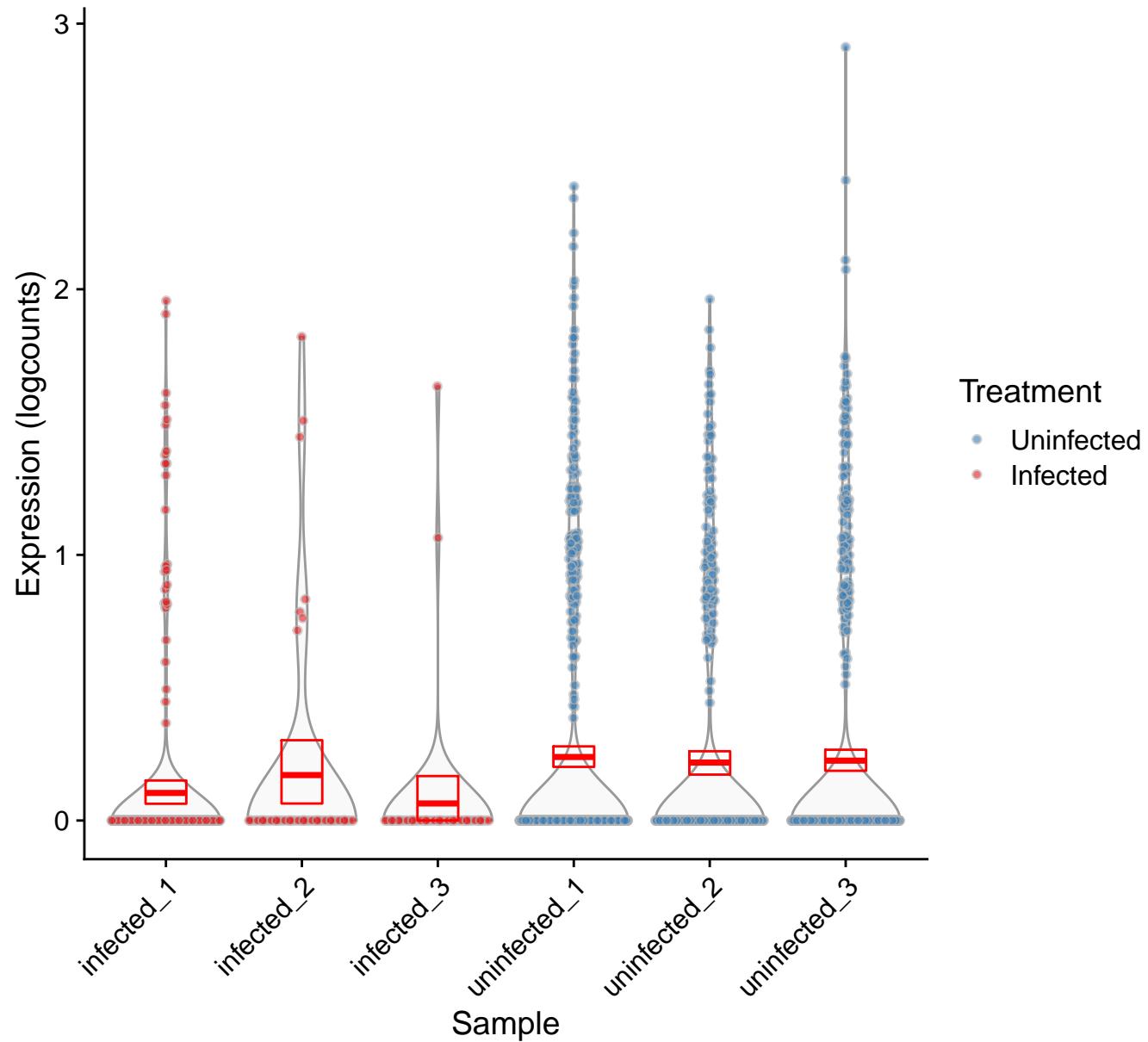
# CCDC50 (FDR = 0.01)

cluster\_12



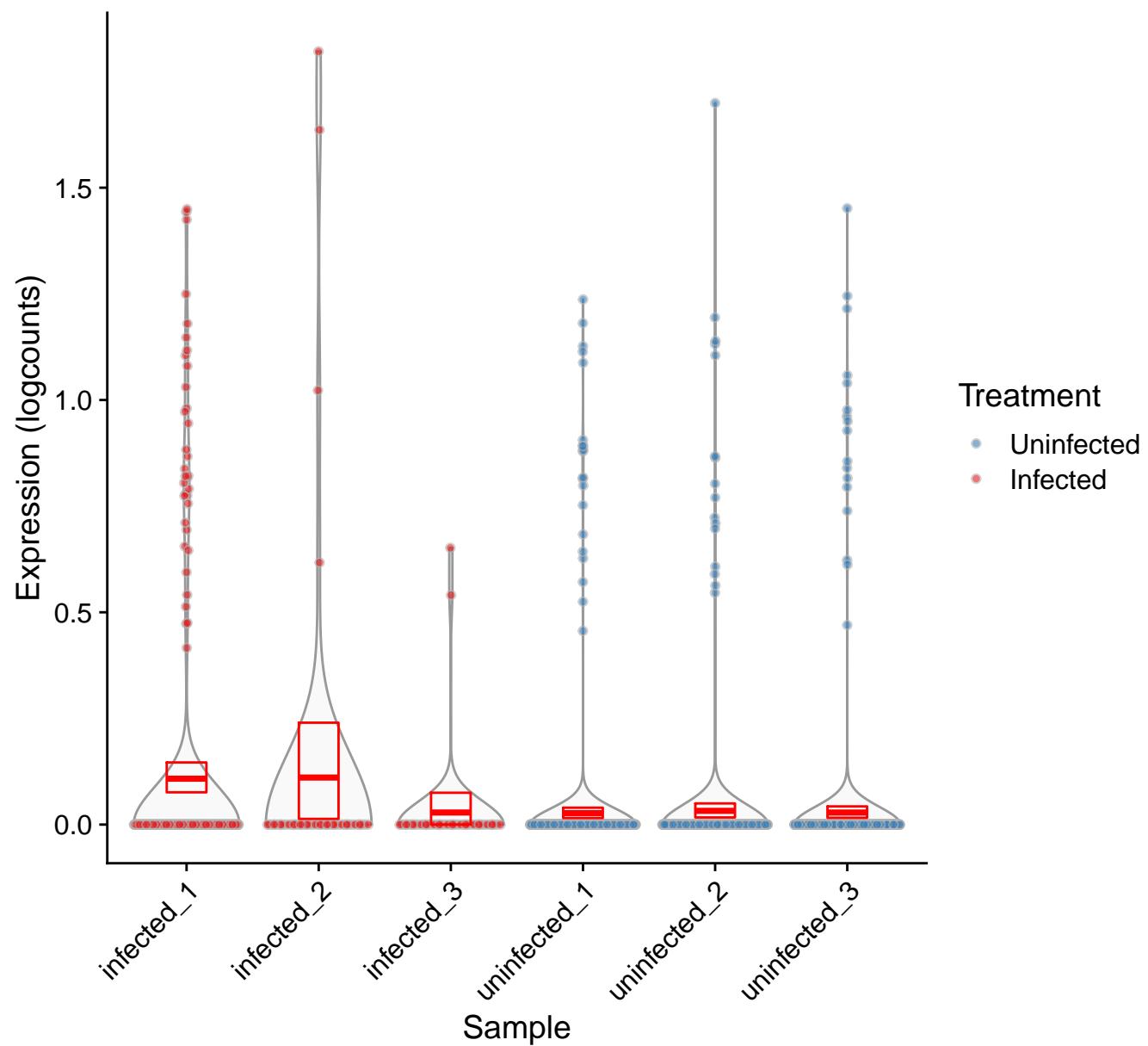
# TMIGD2 (FDR = 0.01)

cluster\_12



# C9orf139 (FDR = 0.01)

cluster\_12



# CYB561 (FDR = 0.01)

cluster\_12

Expression (logcounts)

2.0

1.5

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

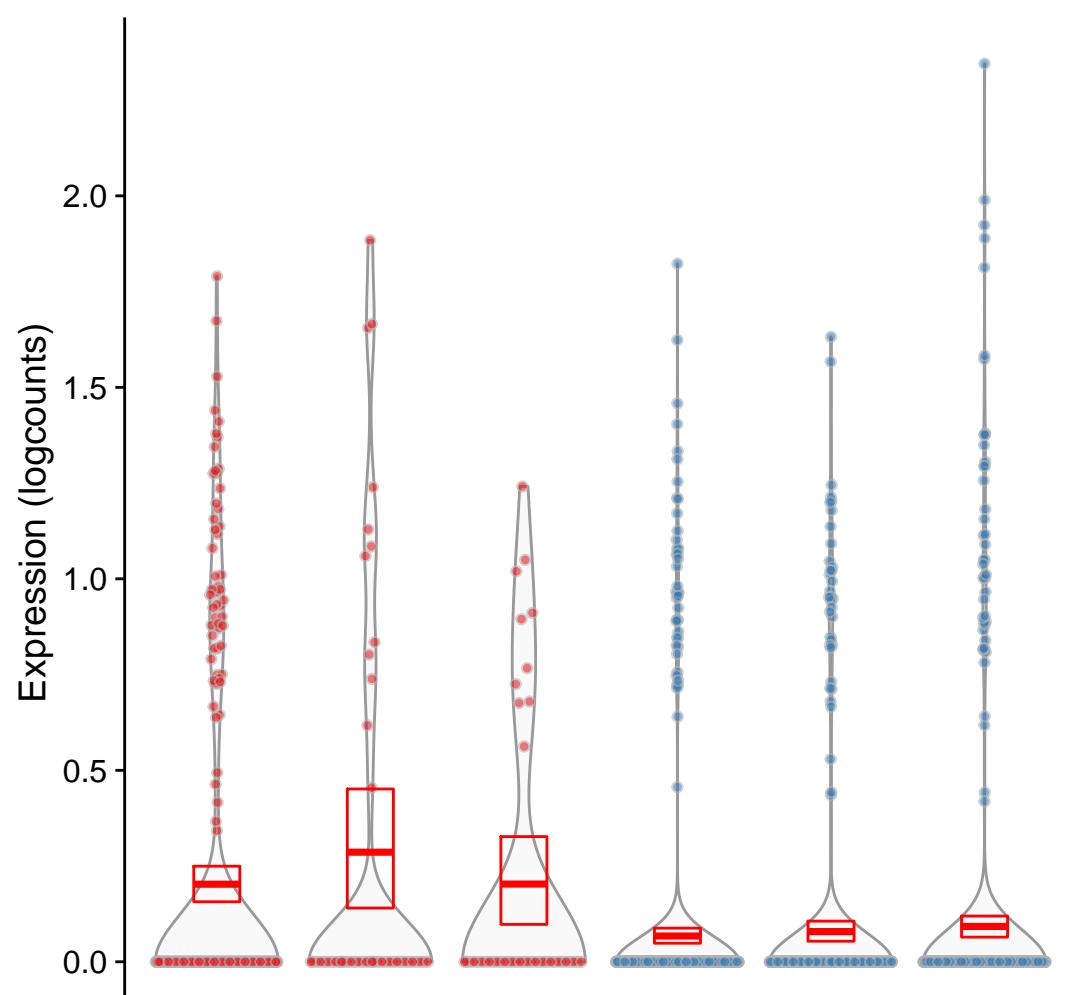
infected\_3

Sample

uninfected\_1

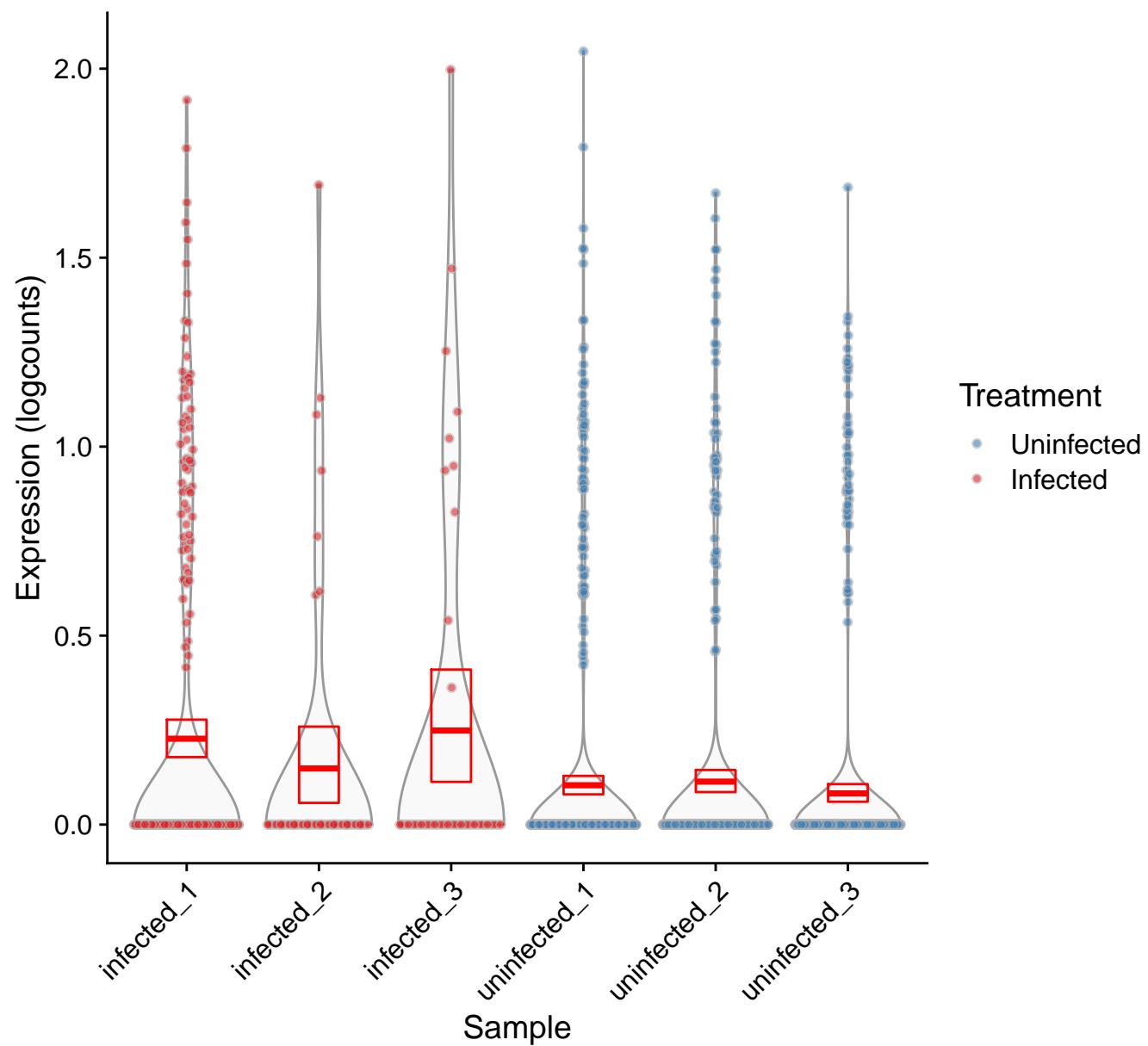
uninfected\_2

uninfected\_3



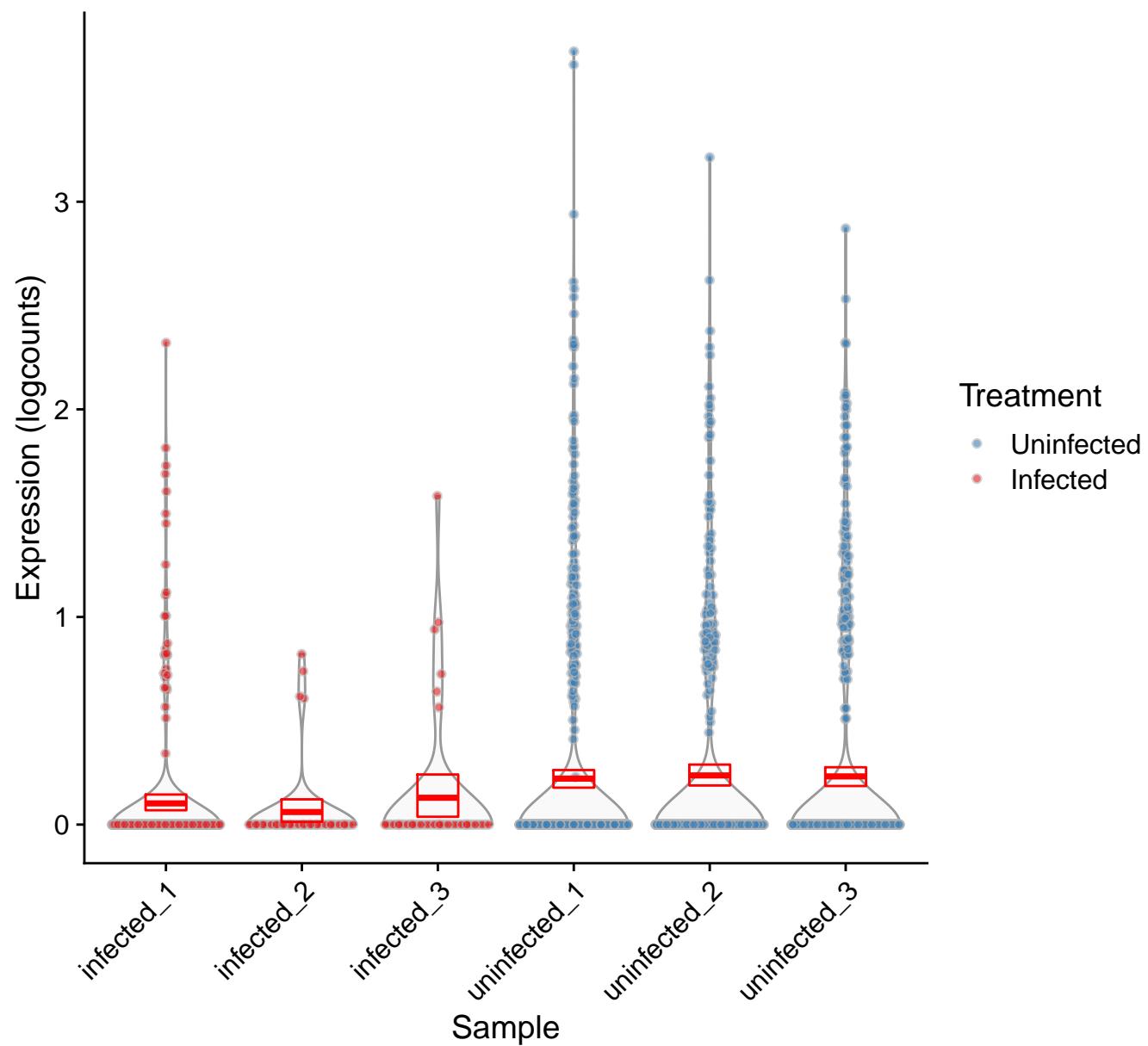
# IL18R1 (FDR = 0.01)

cluster\_12



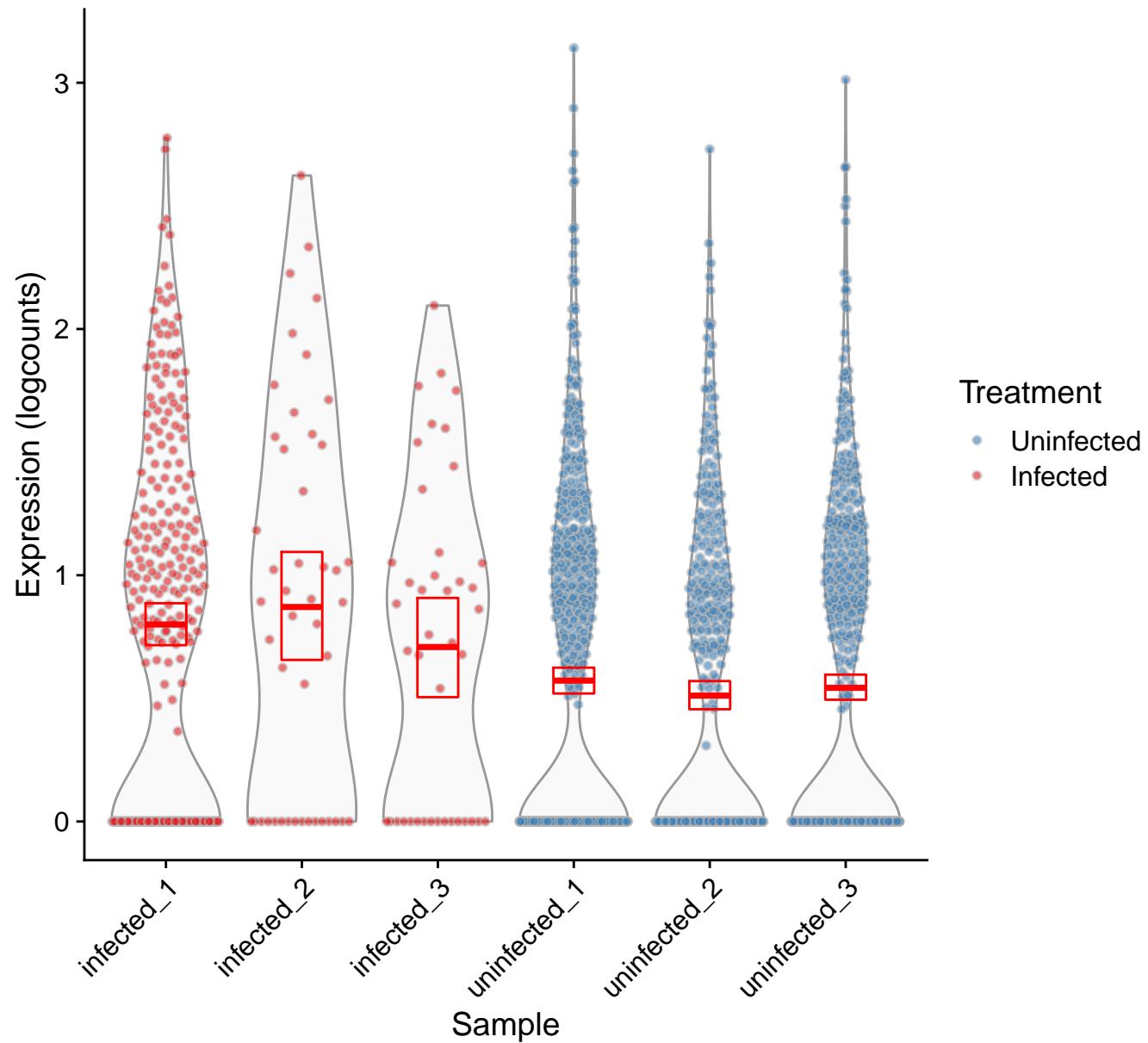
# CISH (FDR = 0.02)

cluster\_12



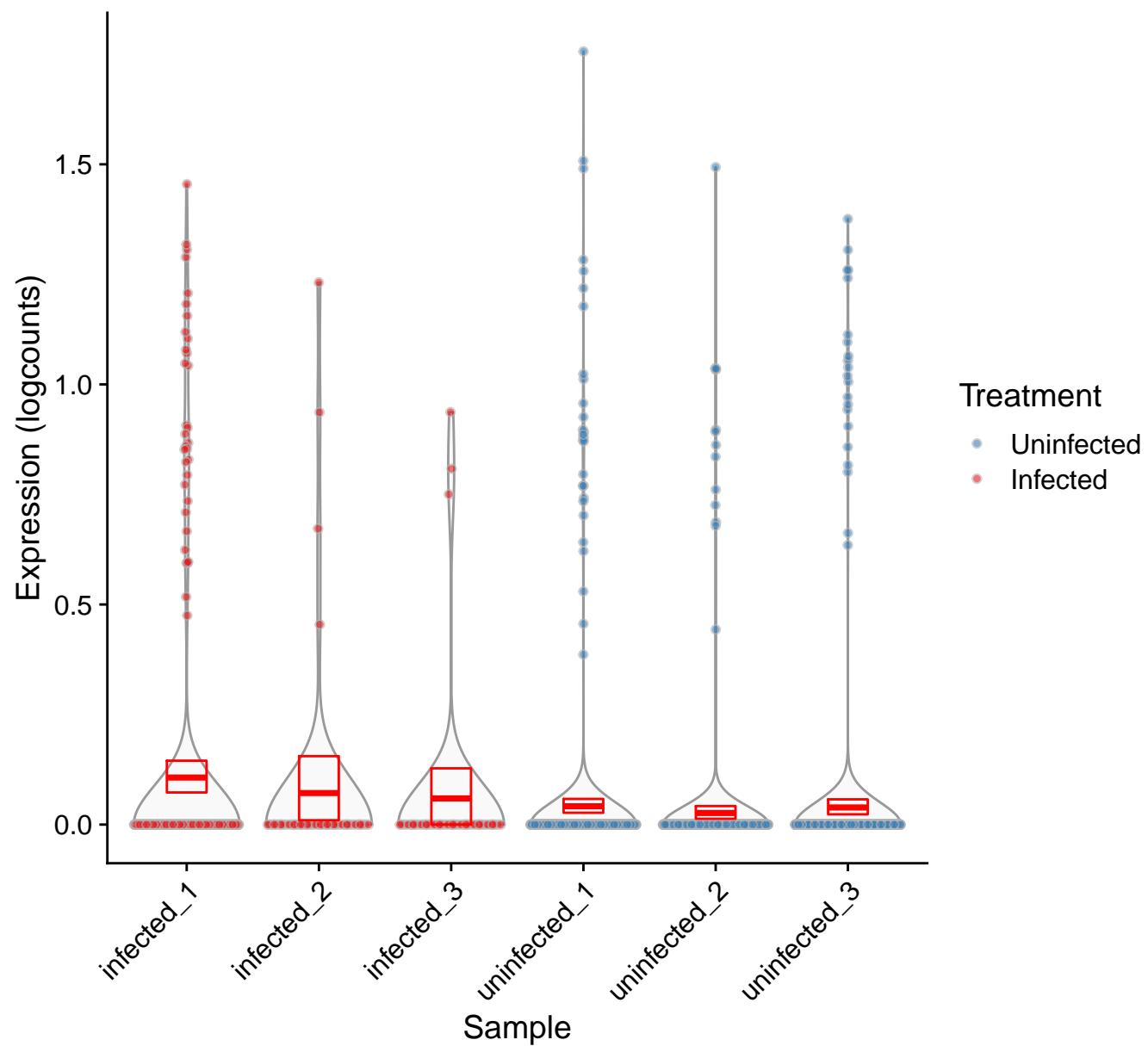
# RILPL2 (FDR = 0.02)

cluster\_12



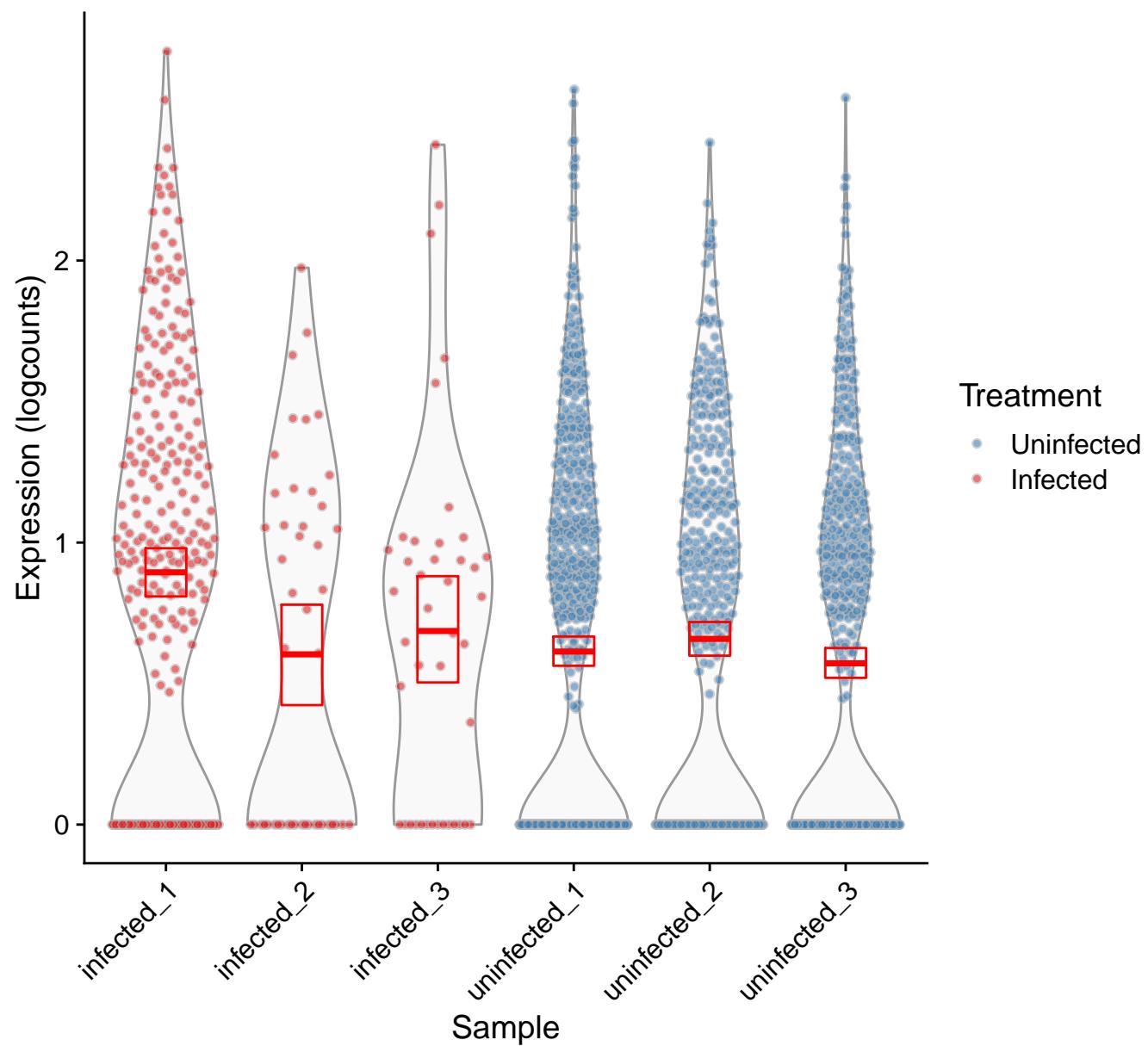
# AC009133.1 (FDR = 0.02)

cluster\_12



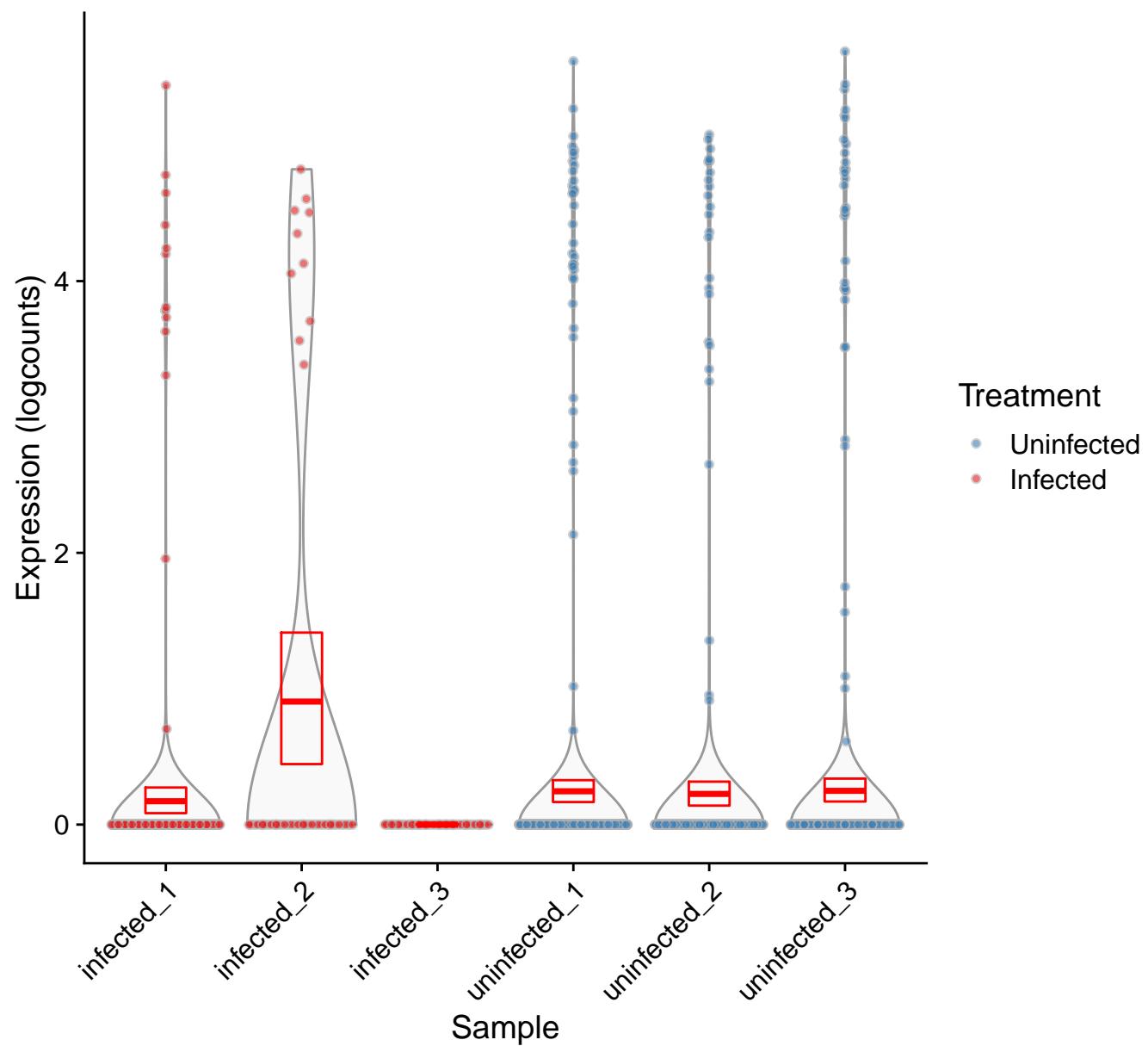
# NSMCE1 (FDR = 0.02)

cluster\_12



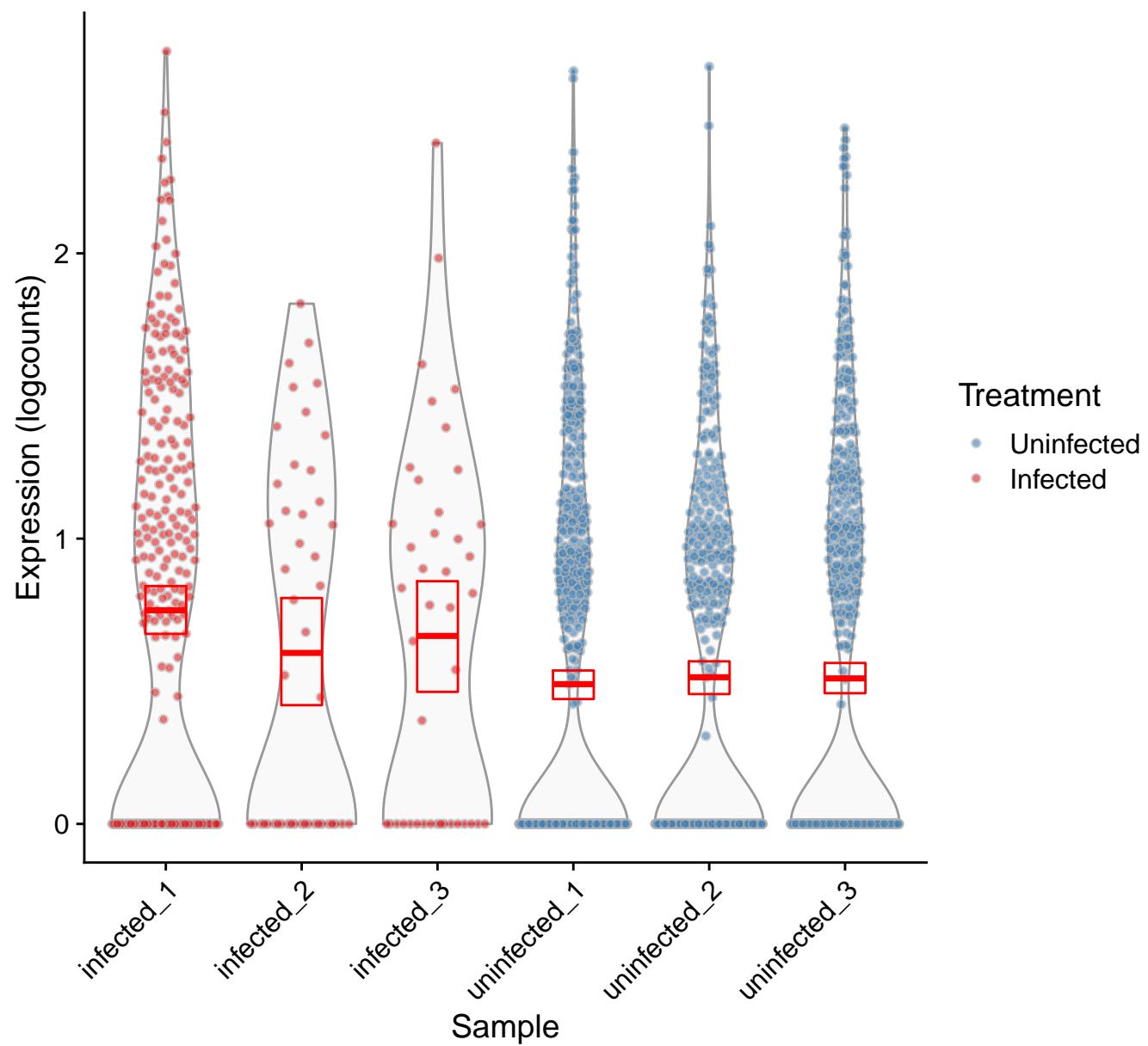
# TRBV6–5 (FDR = 0.02)

cluster\_12



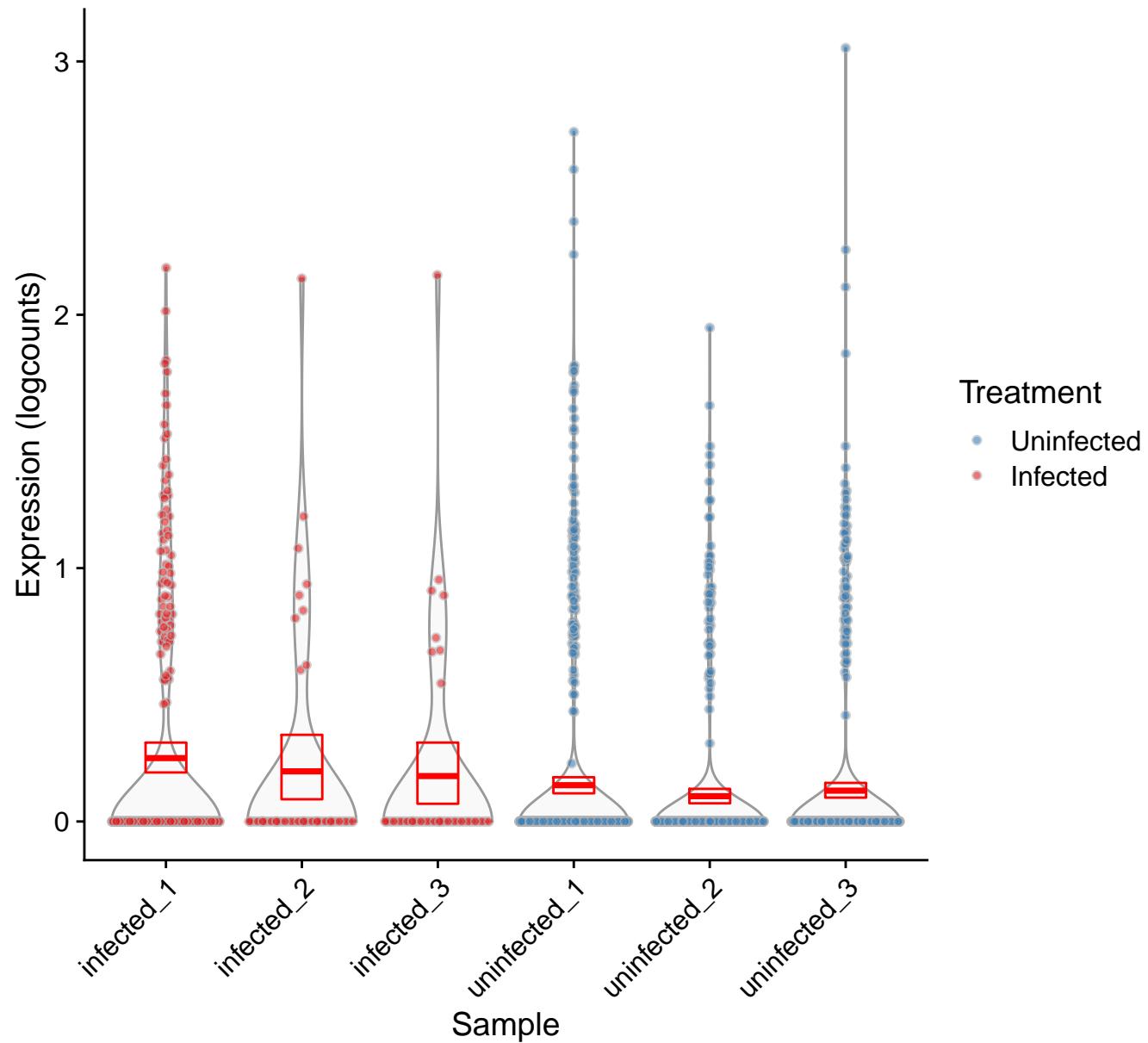
# DSTN (FDR = 0.02)

cluster\_12



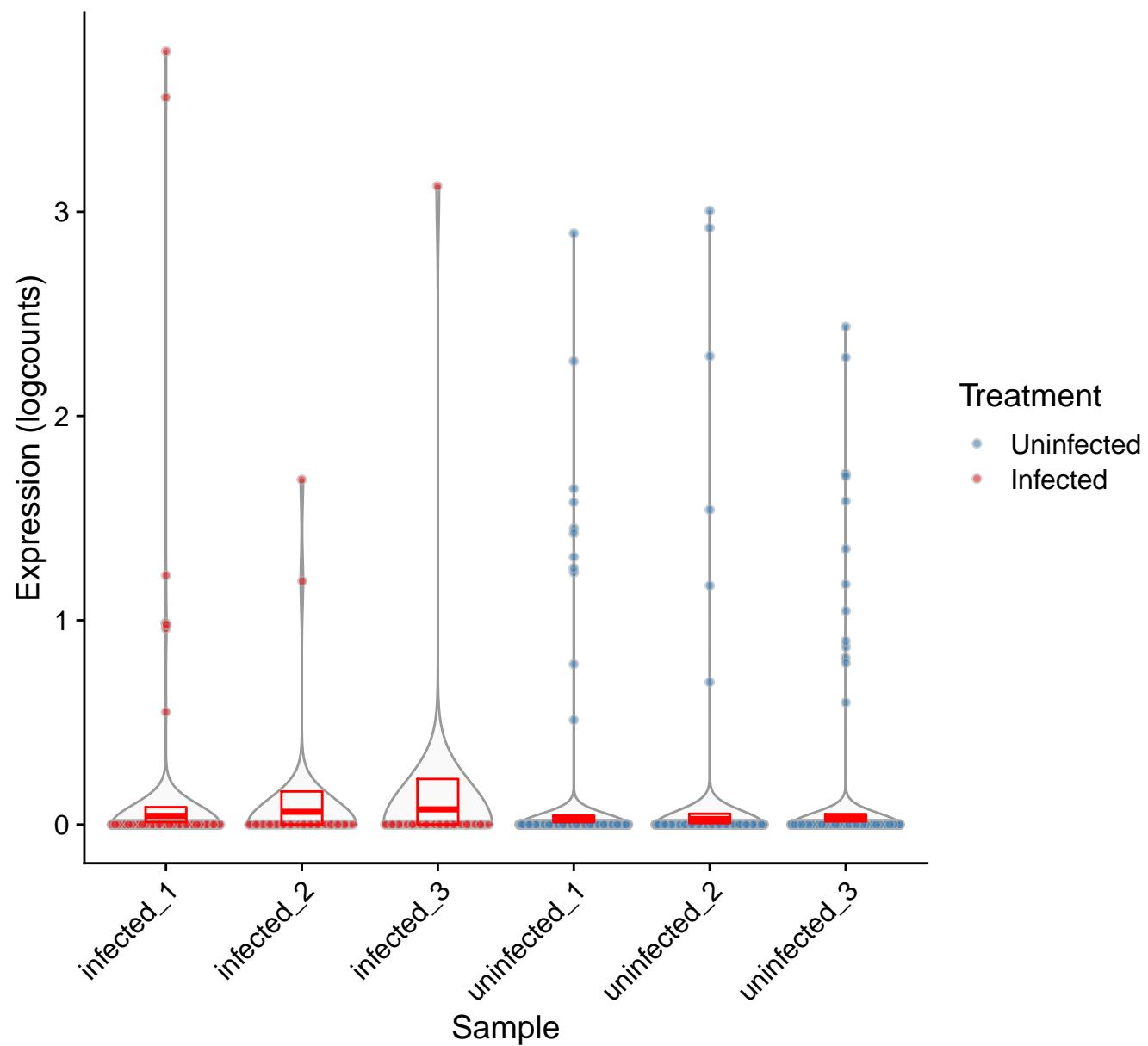
# KIAA1324 (FDR = 0.02)

cluster\_12



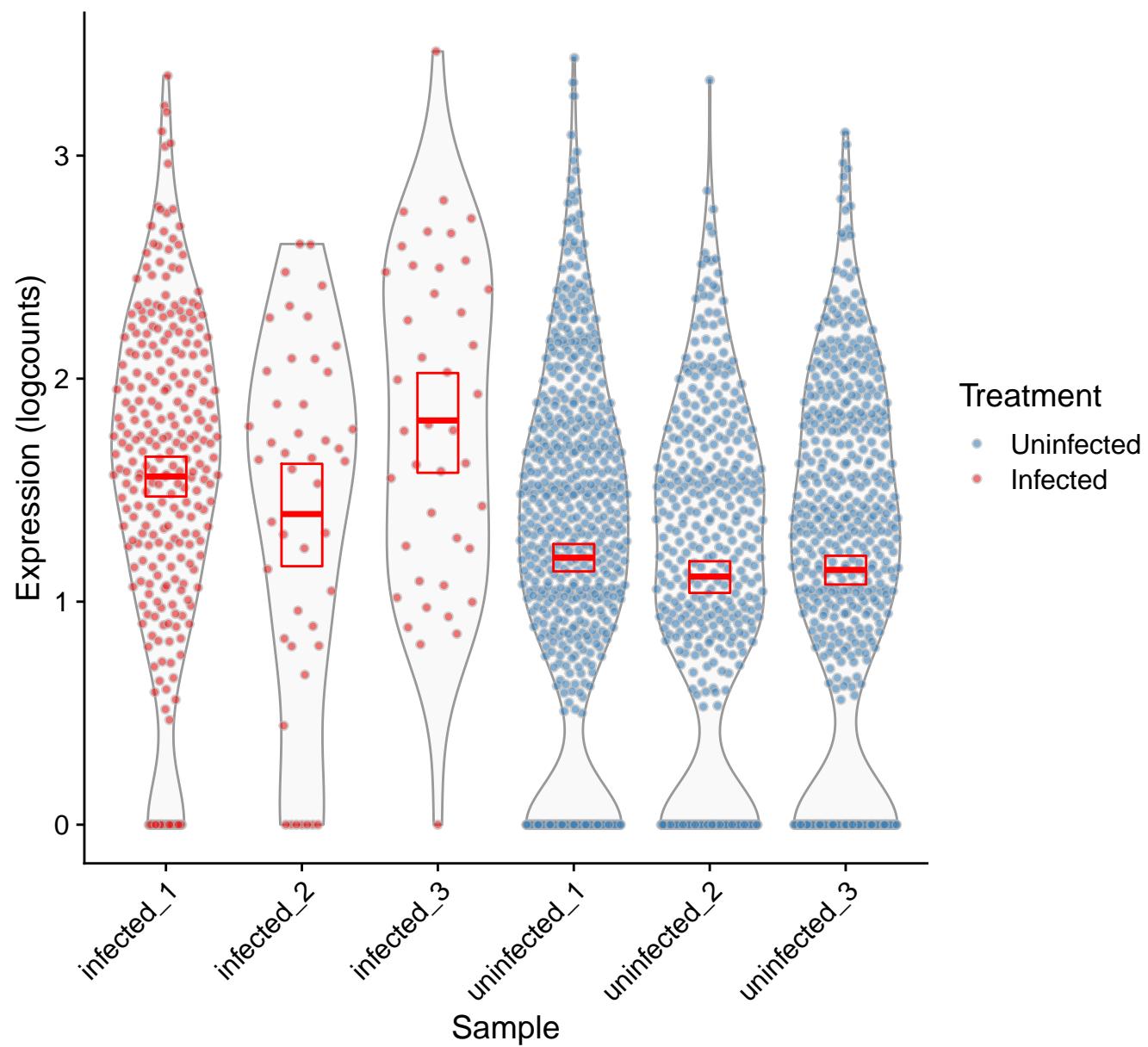
# TRAV23DV6 (FDR = 0.02)

cluster\_12



# TAP1 (FDR = 0.02)

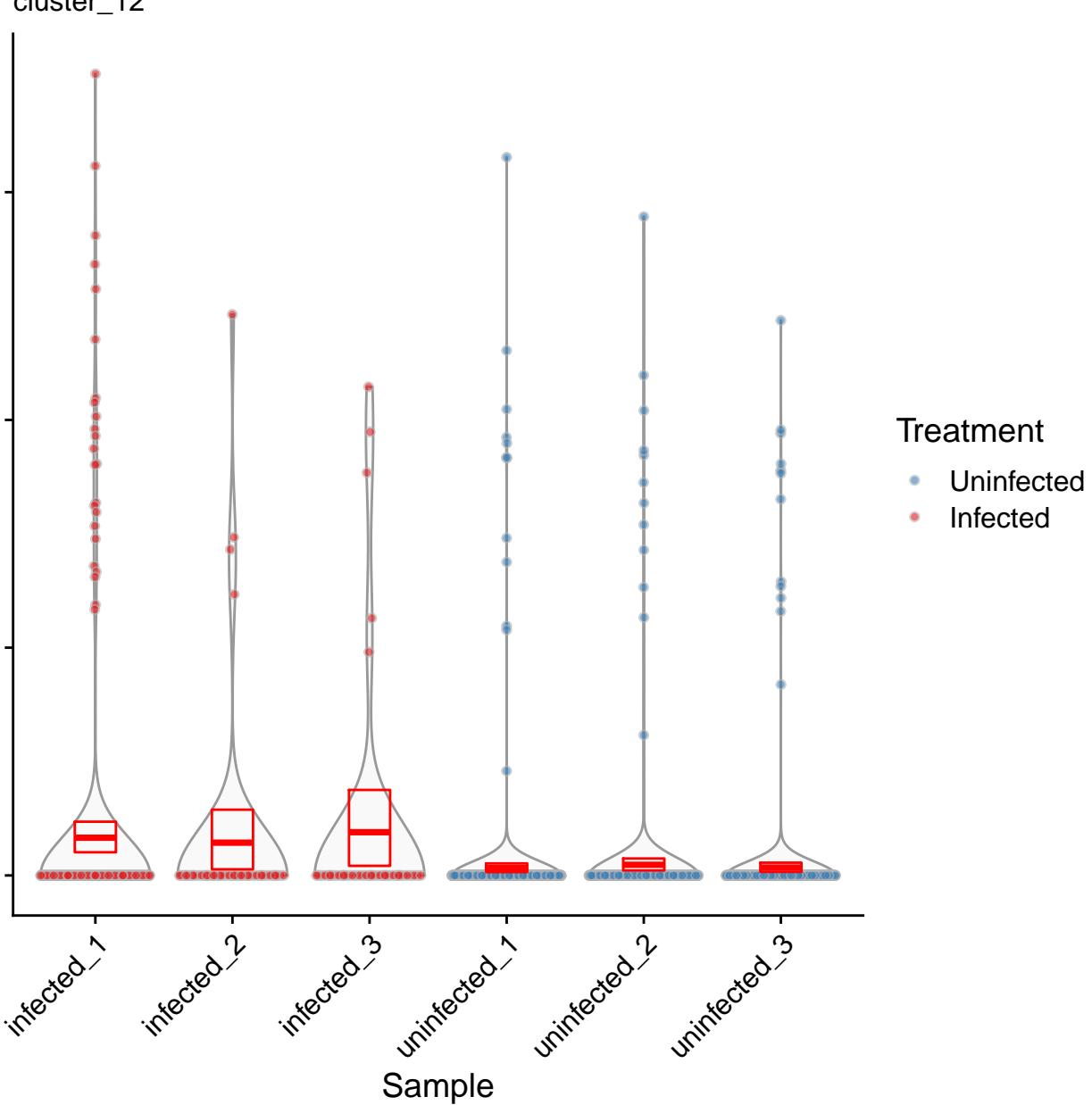
cluster\_12



# RGS9 (FDR = 0.02)

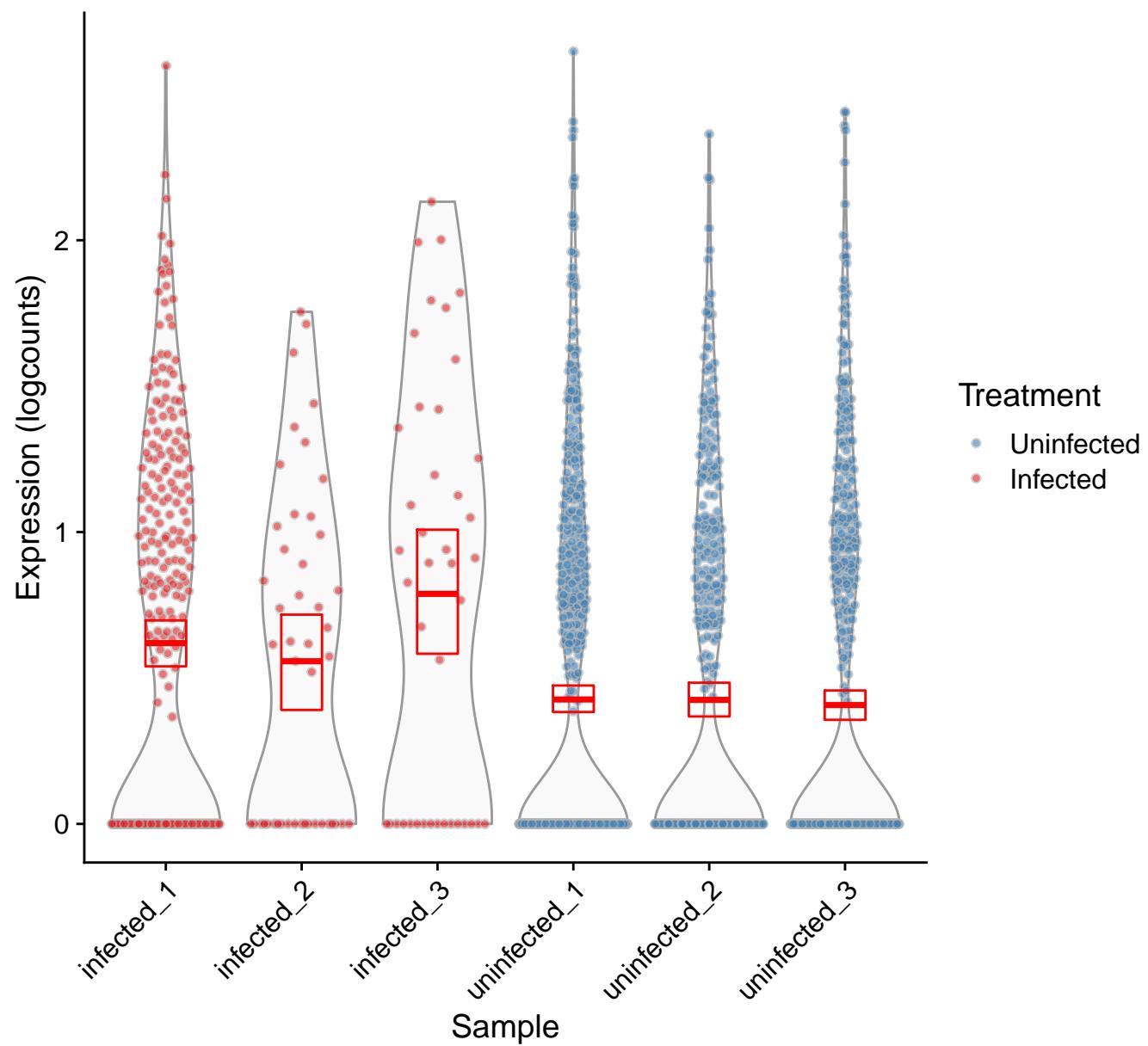
cluster\_12

Expression (logcounts)



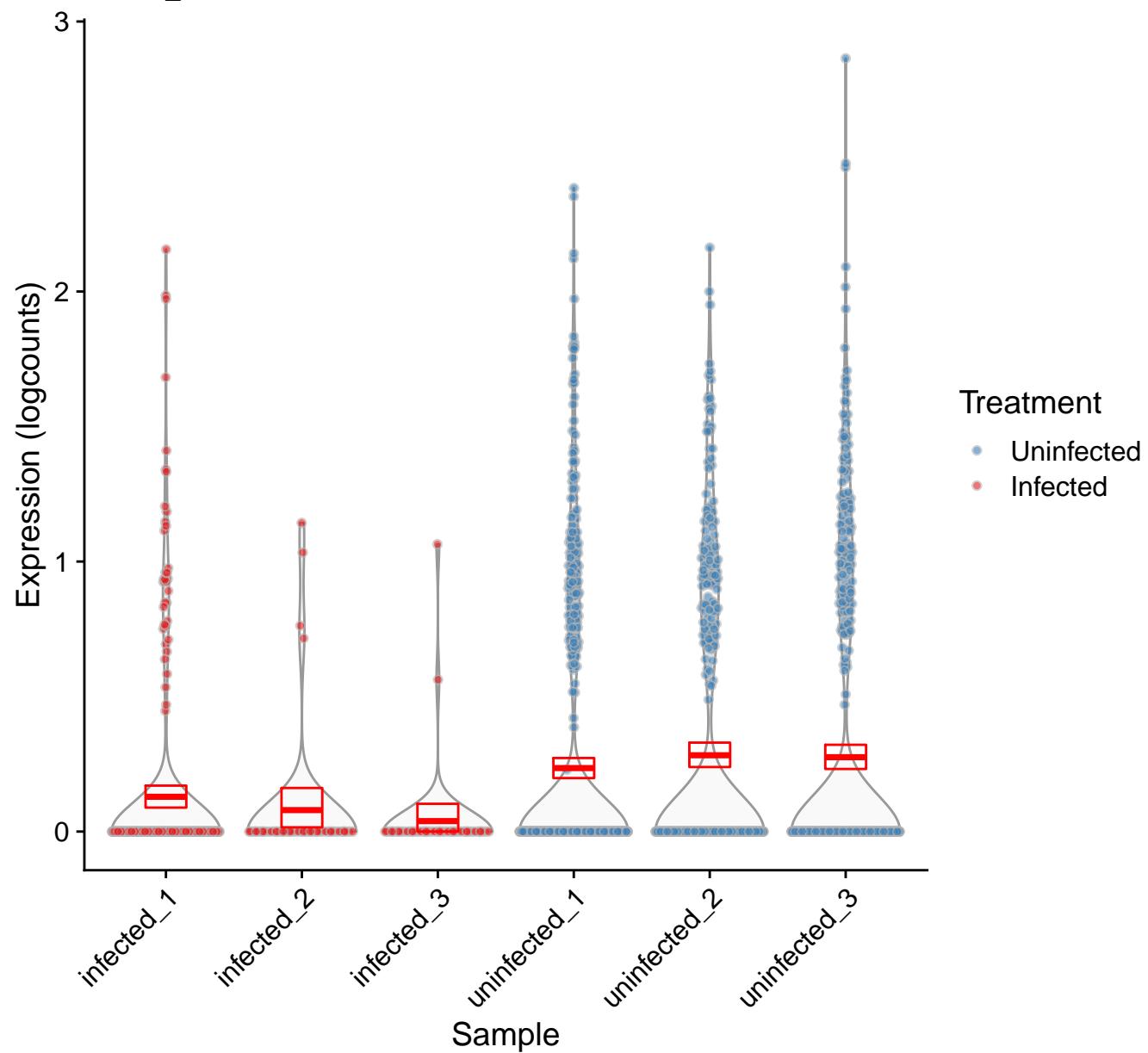
# SP140 (FDR = 0.02)

cluster\_12



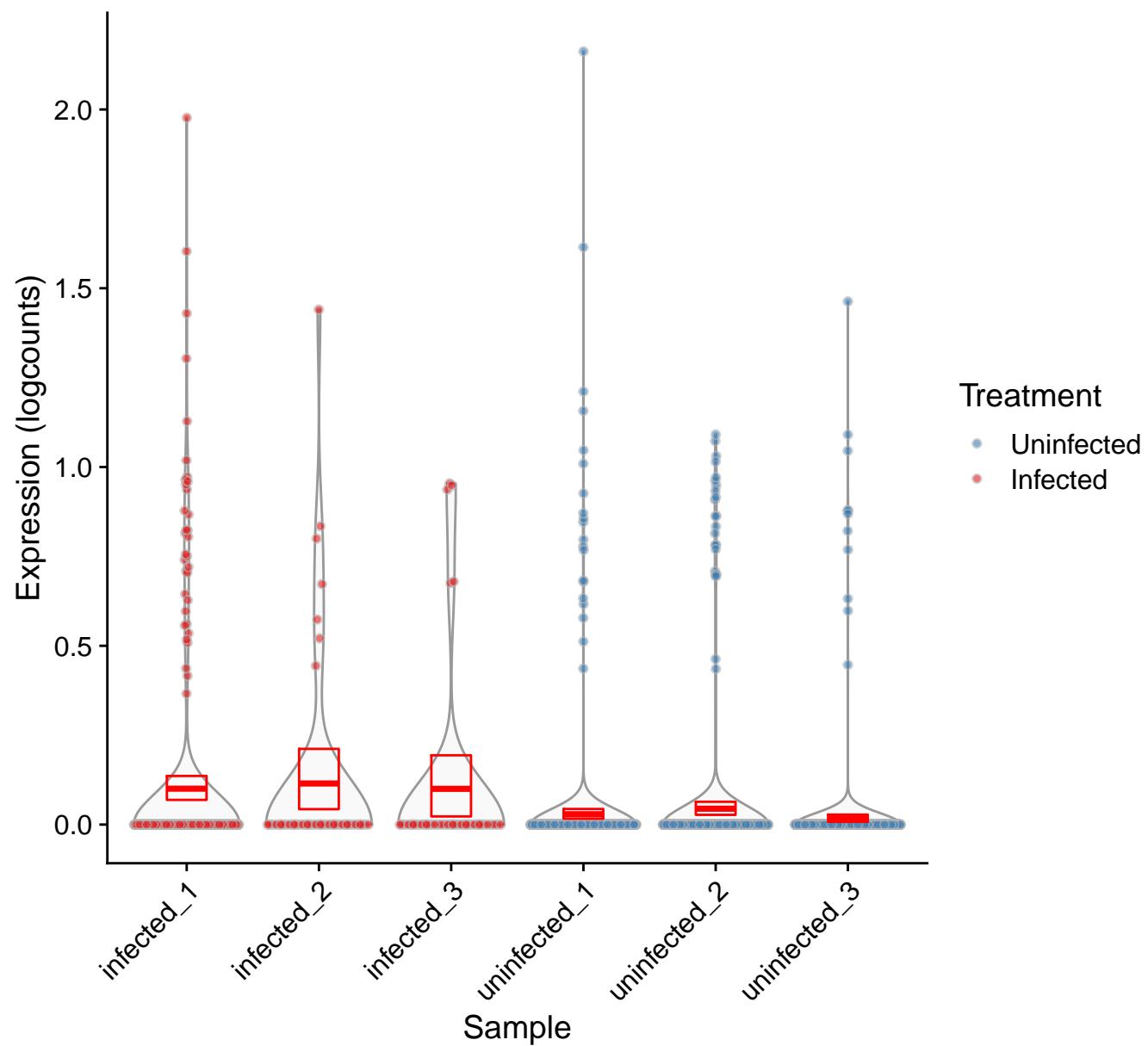
# TCEA3 (FDR = 0.03)

cluster\_12



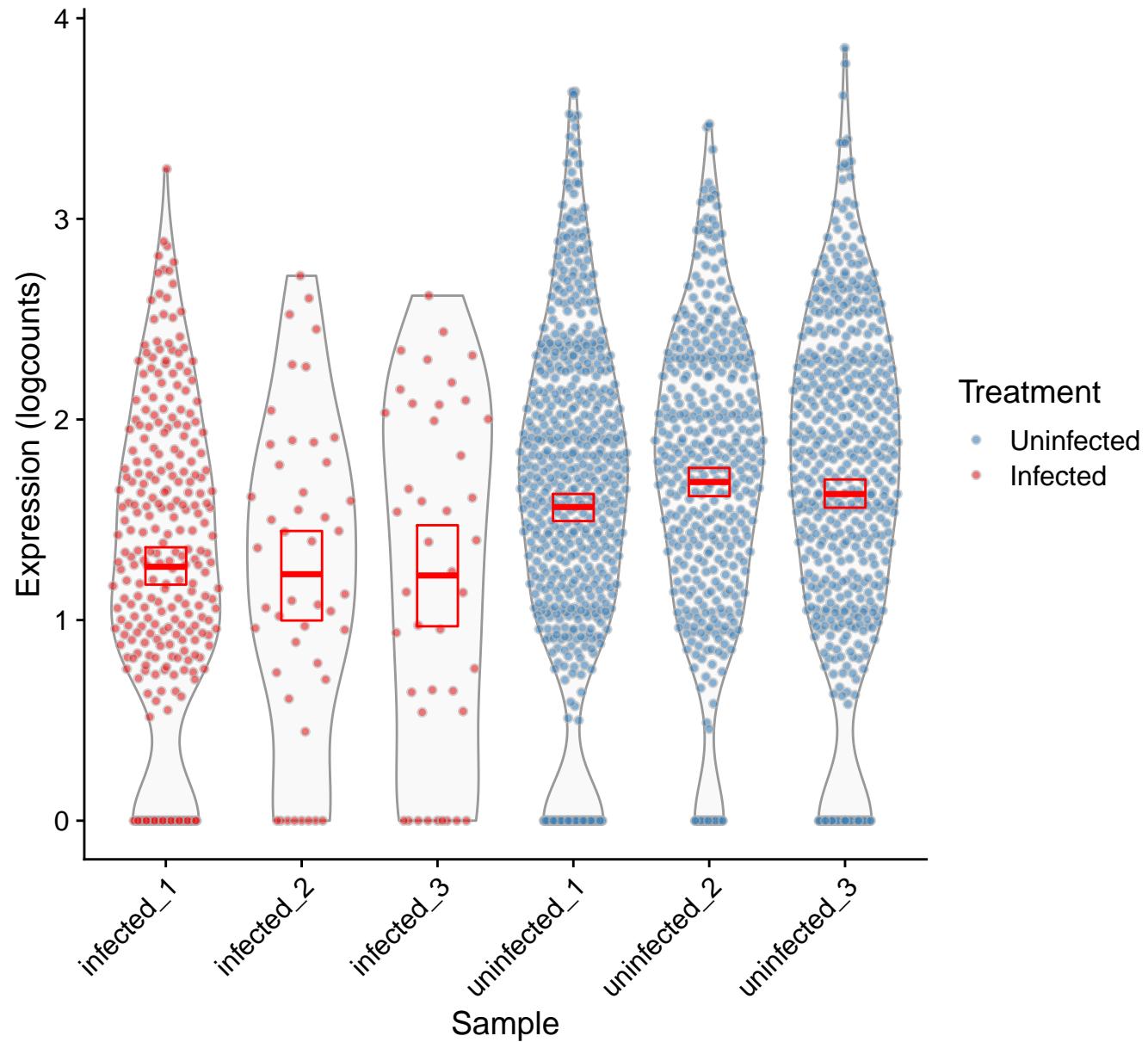
# TIAM2 (FDR = 0.03)

cluster\_12



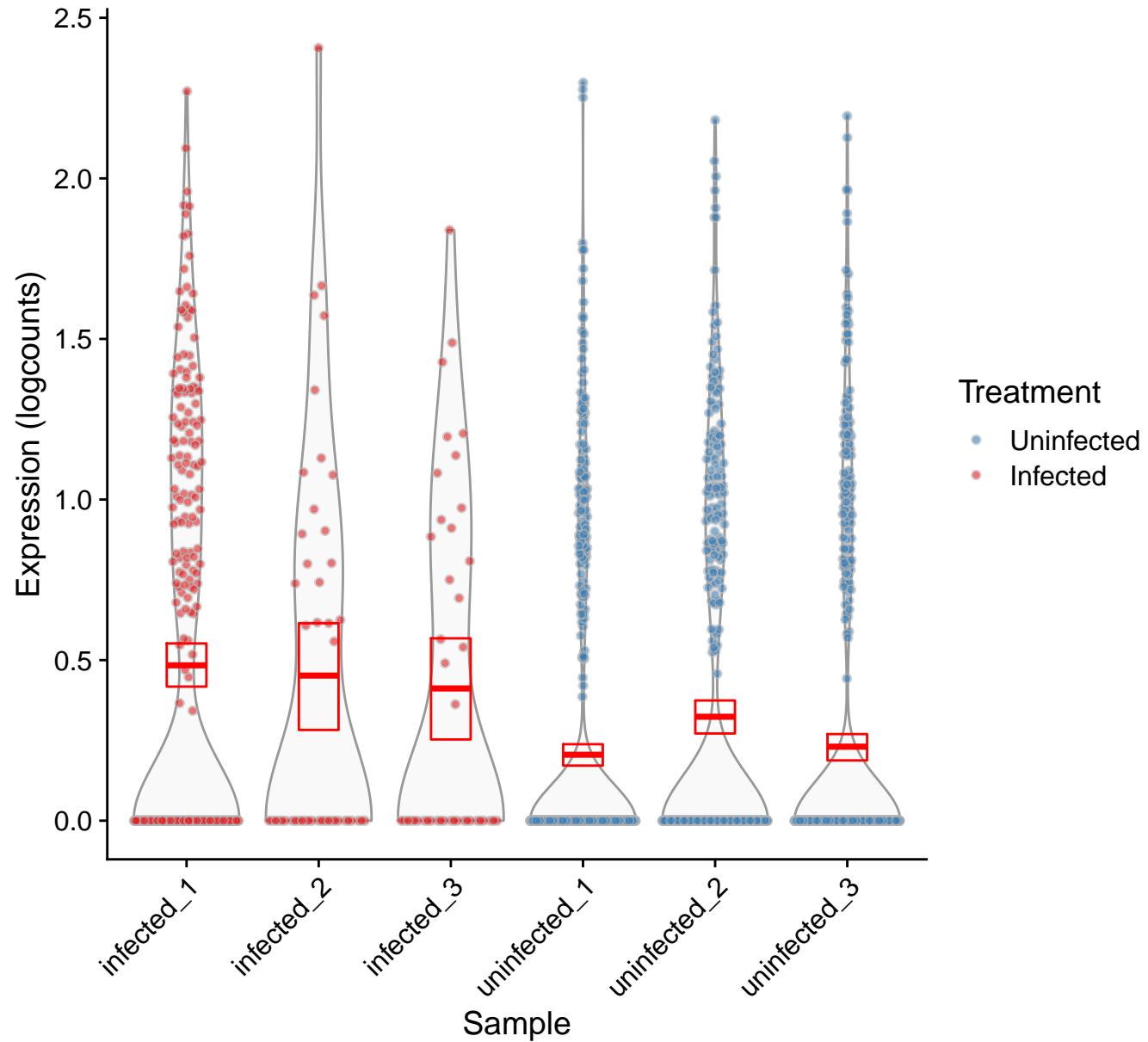
# STK17B (FDR = 0.03)

cluster\_12



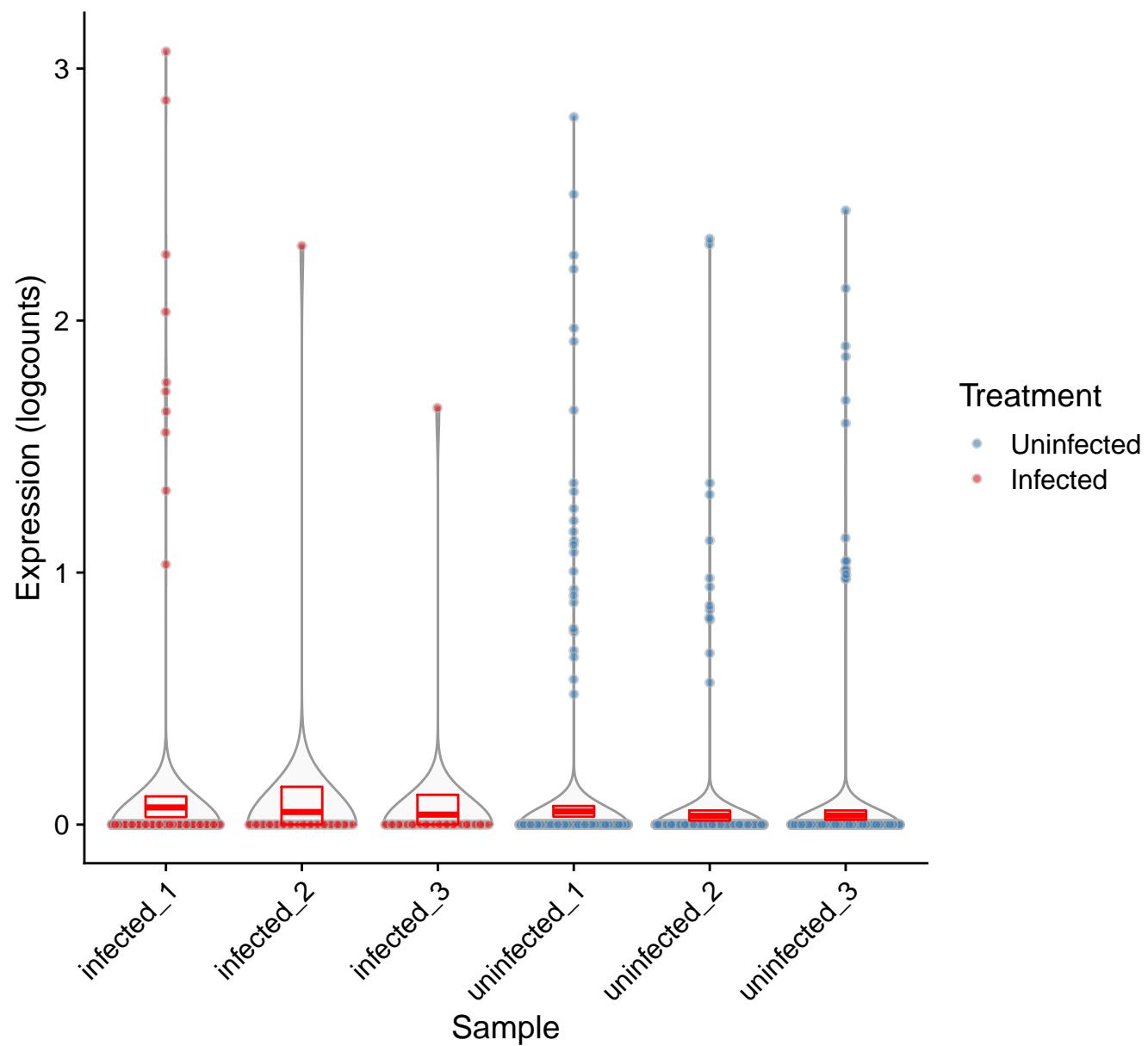
# ADAM8 (FDR = 0.03)

cluster\_12



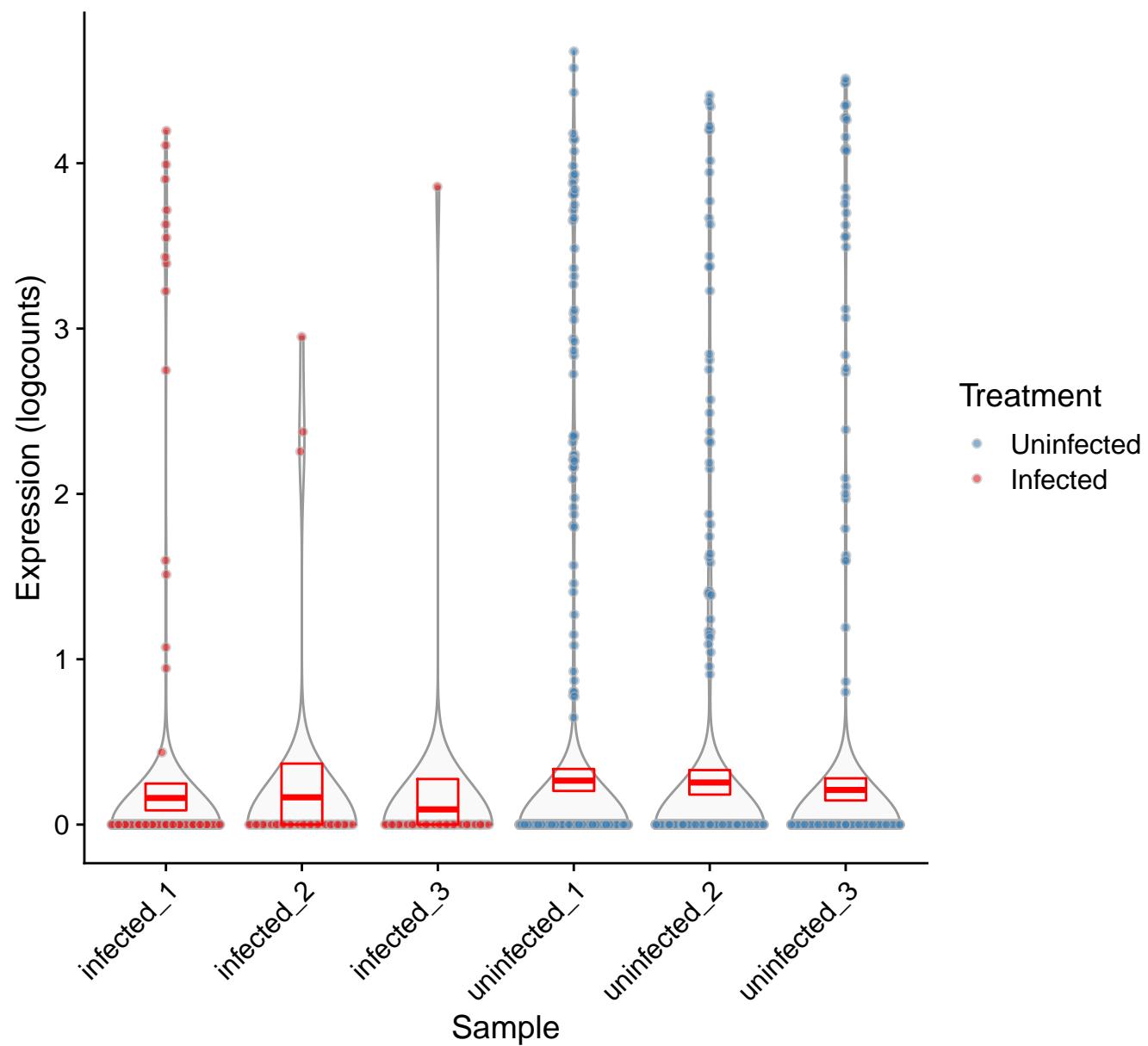
# FOXP3 (FDR = 0.03)

cluster\_12



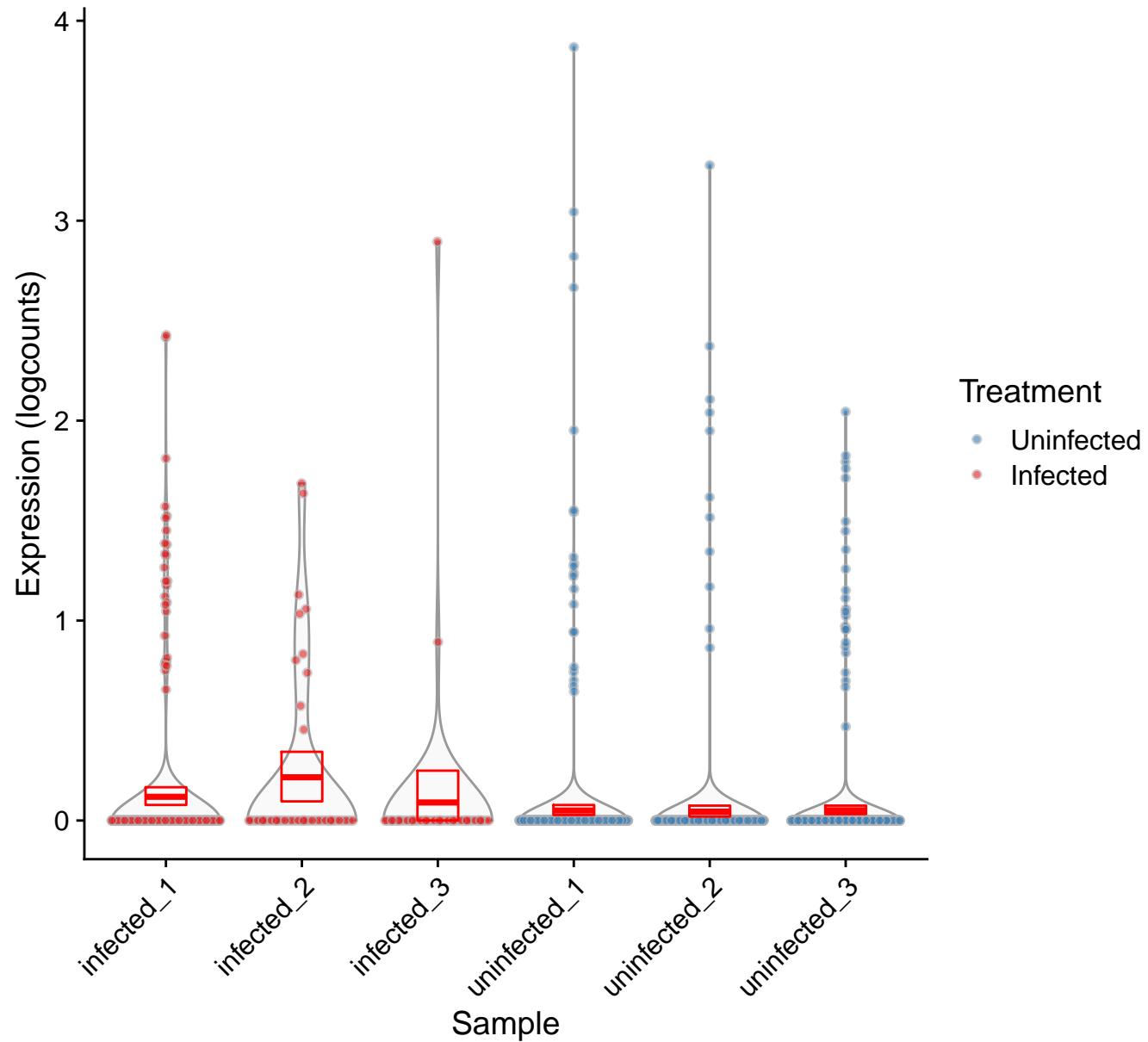
# TRAV29DV5 (FDR = 0.03)

cluster\_12



# MS4A6A (FDR = 0.03)

cluster\_12



# TBXAS1 (FDR = 0.03)

cluster\_12

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

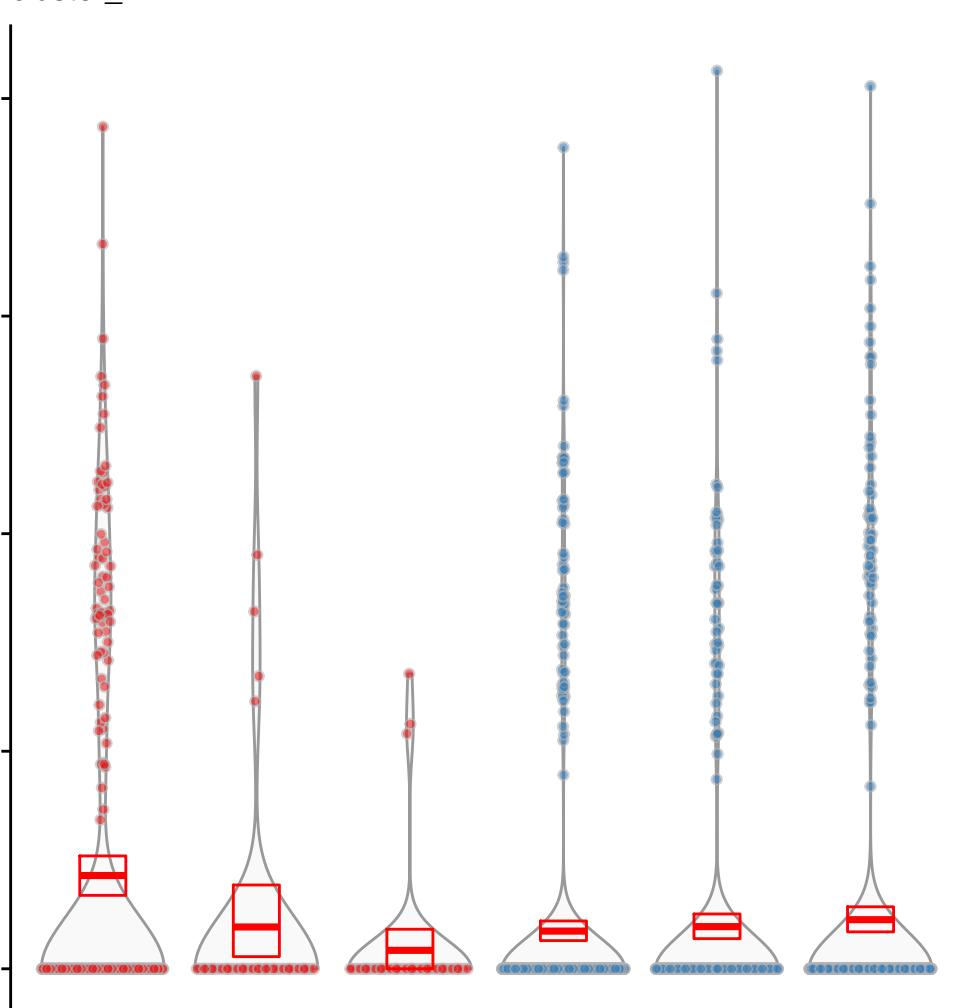
infected\_3

Sample

uninfected\_1

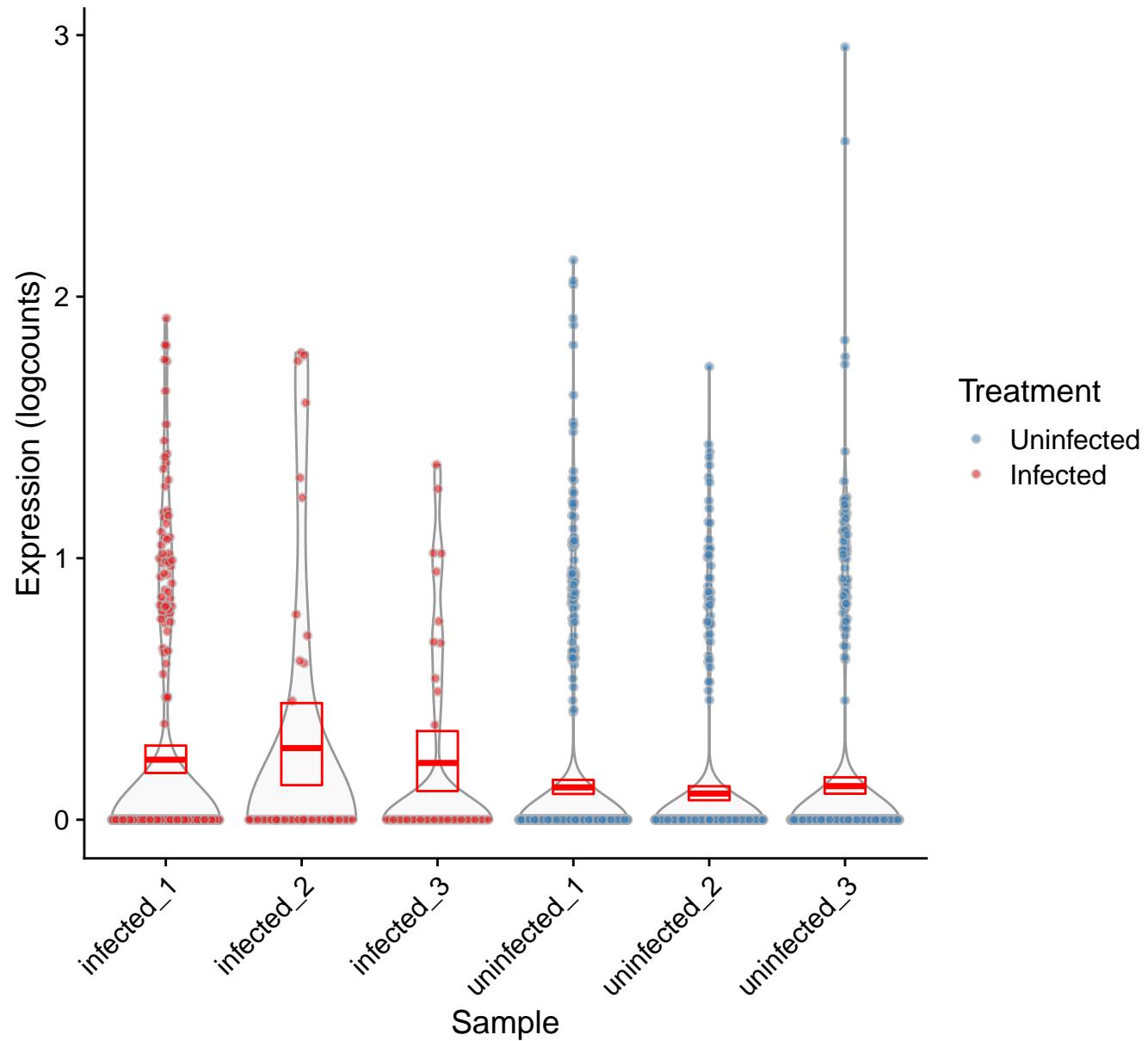
uninfected\_2

uninfected\_3



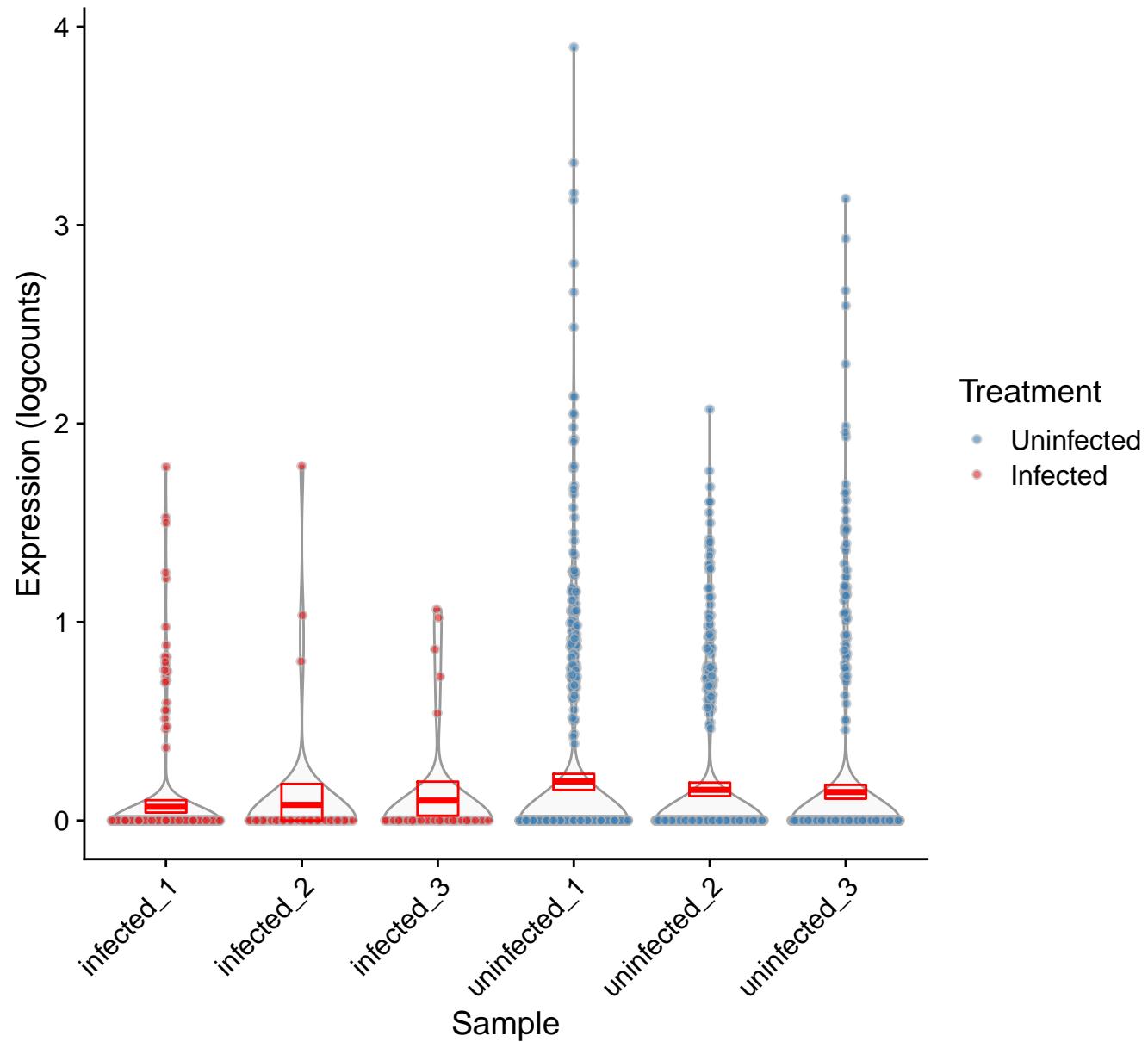
# MAP1LC3A (FDR = 0.03)

cluster\_12



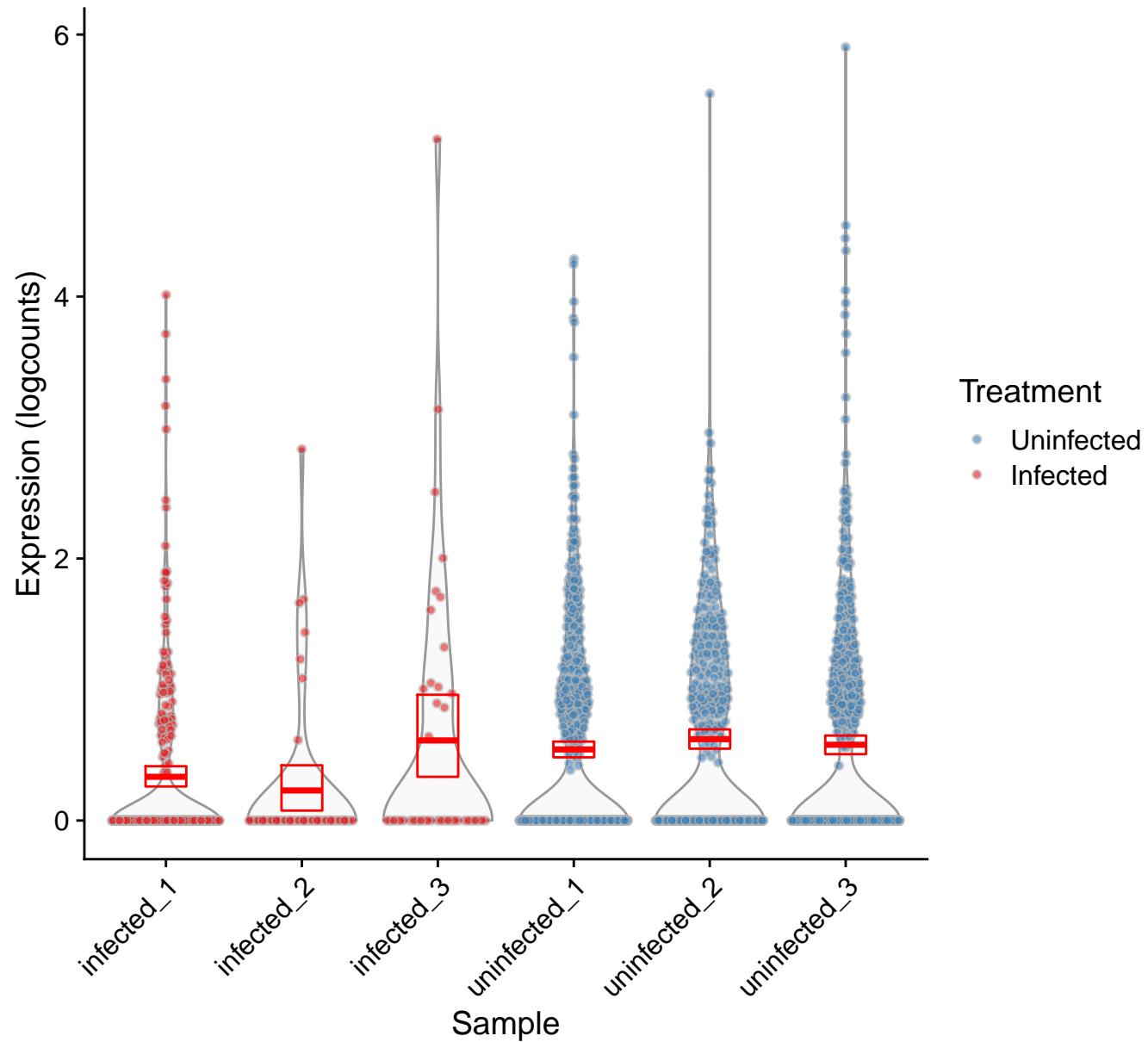
# **SESN1 (FDR = 0.03)**

cluster\_12



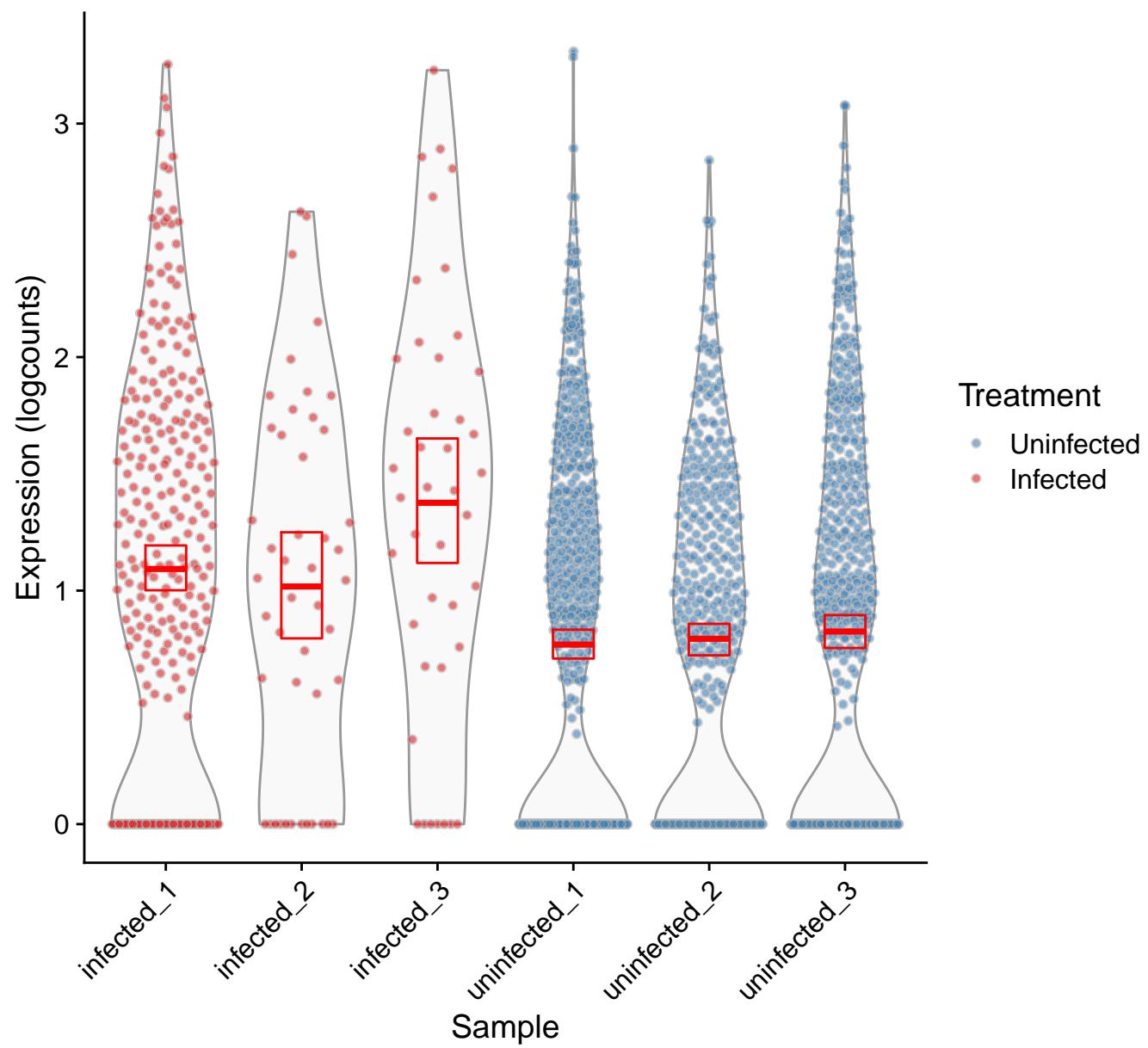
# TNF (FDR = 0.03)

cluster\_12



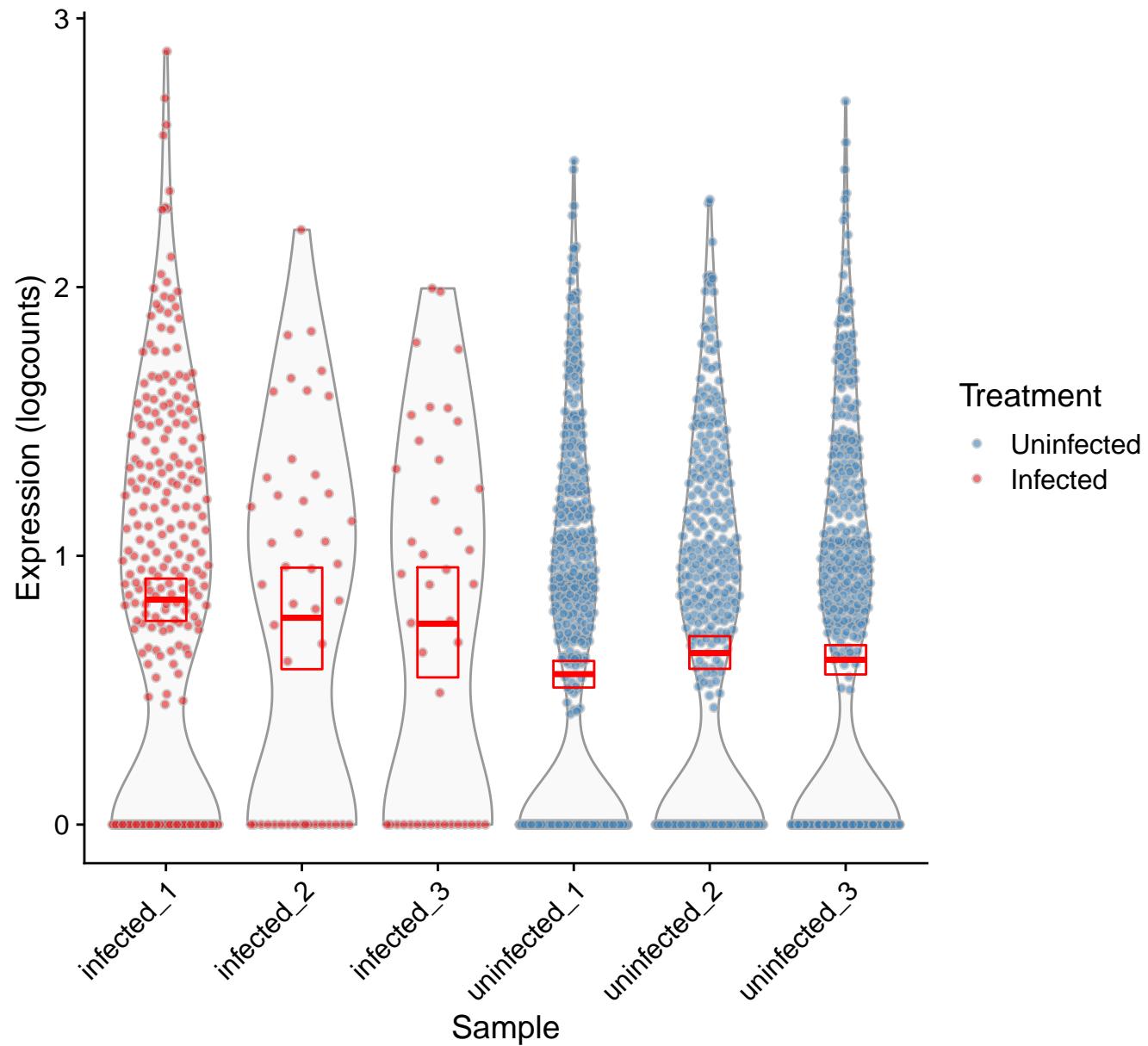
# TYMP (FDR = 0.03)

cluster\_12



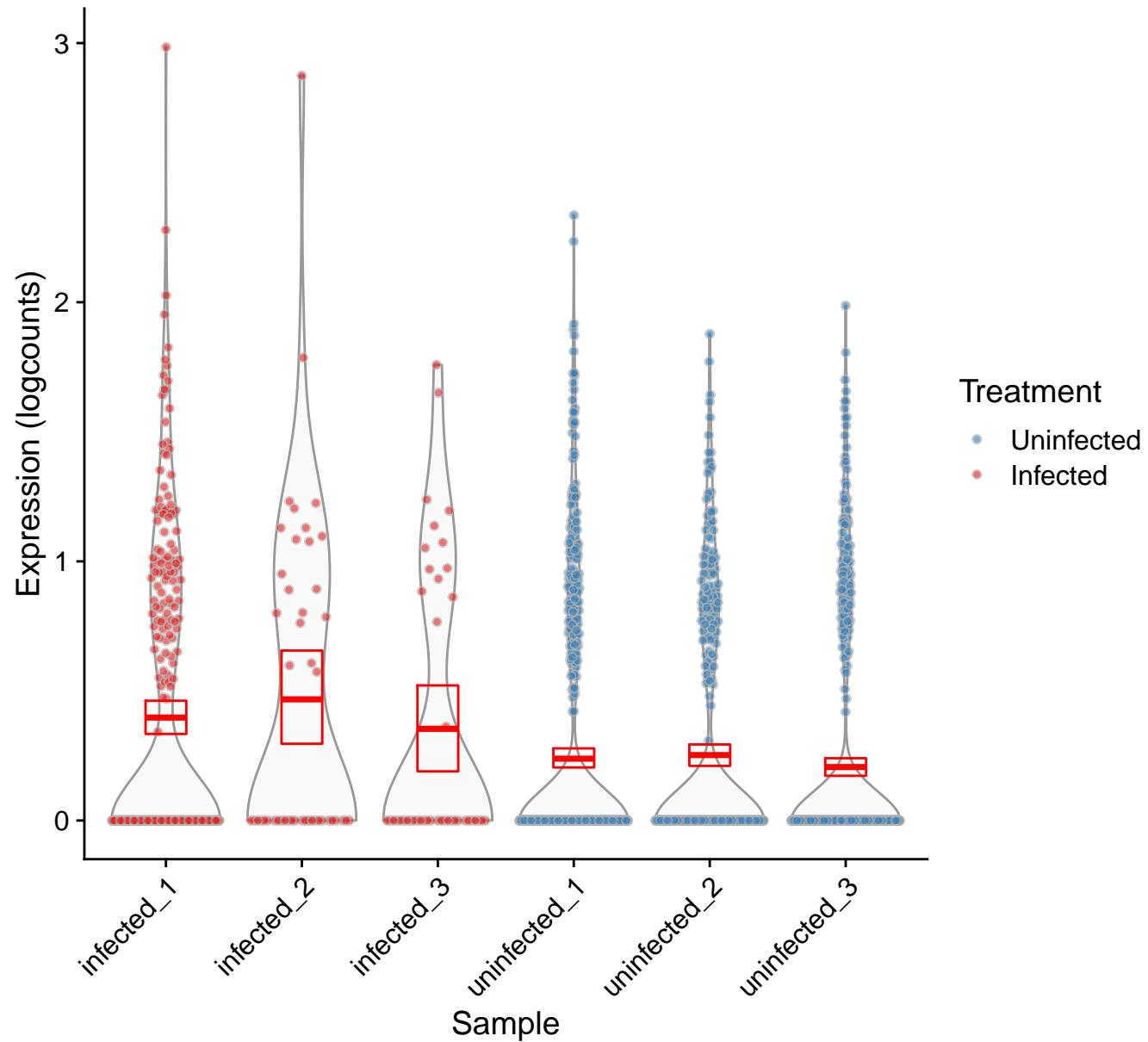
# MFSD10 (FDR = 0.04)

cluster\_12



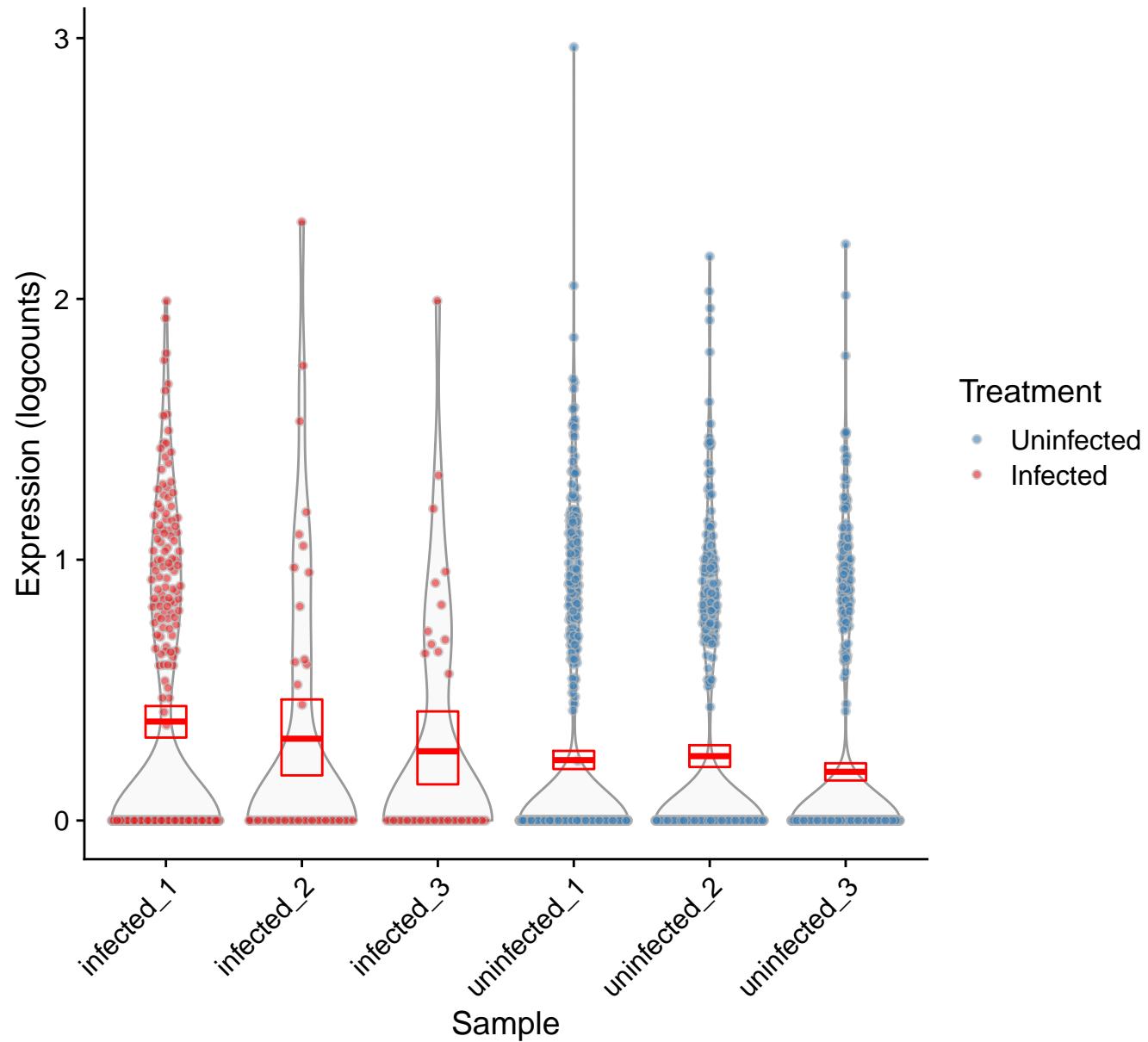
# COA1 (FDR = 0.04)

cluster\_12



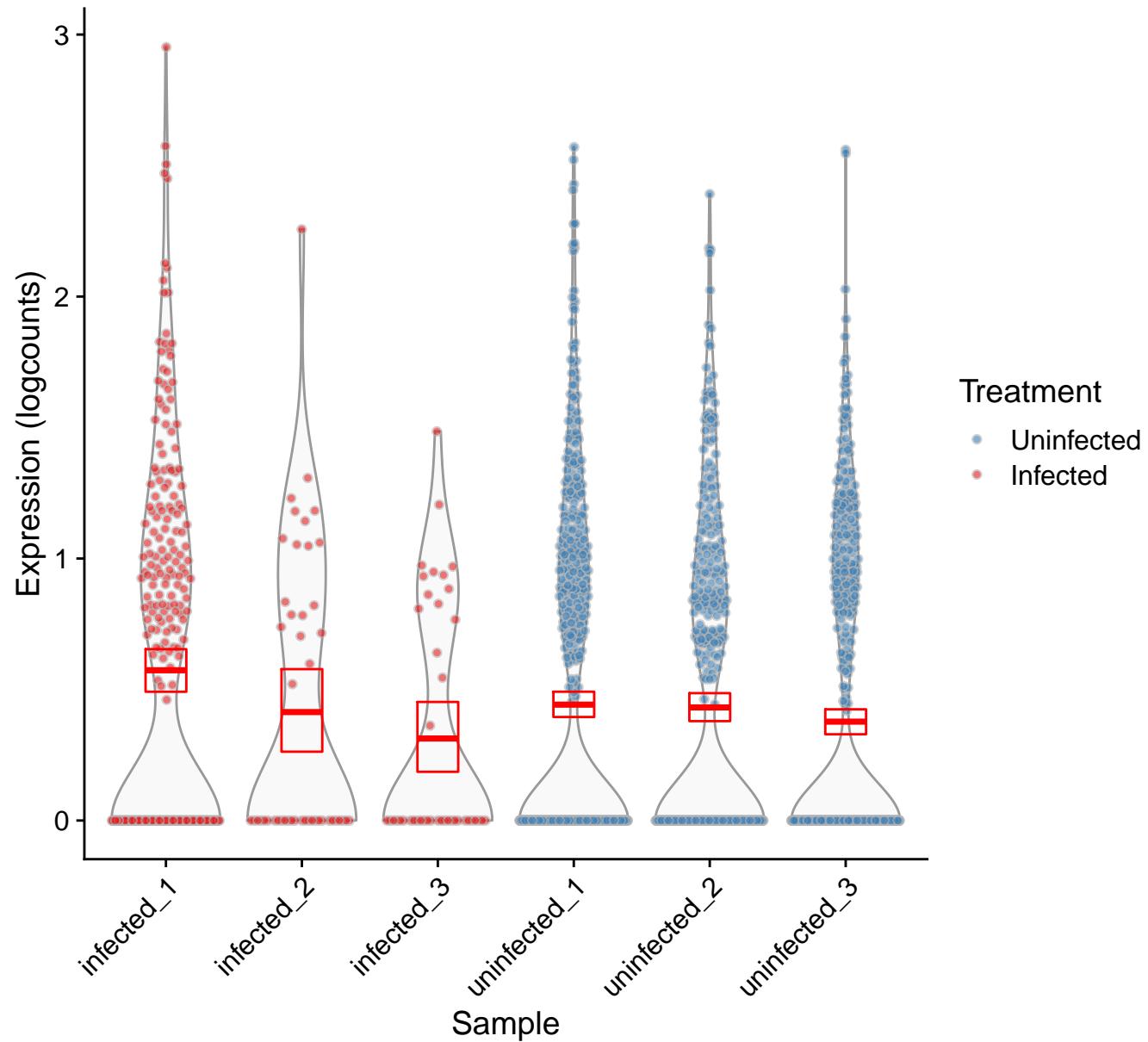
# RNF214 (FDR = 0.04)

cluster\_12



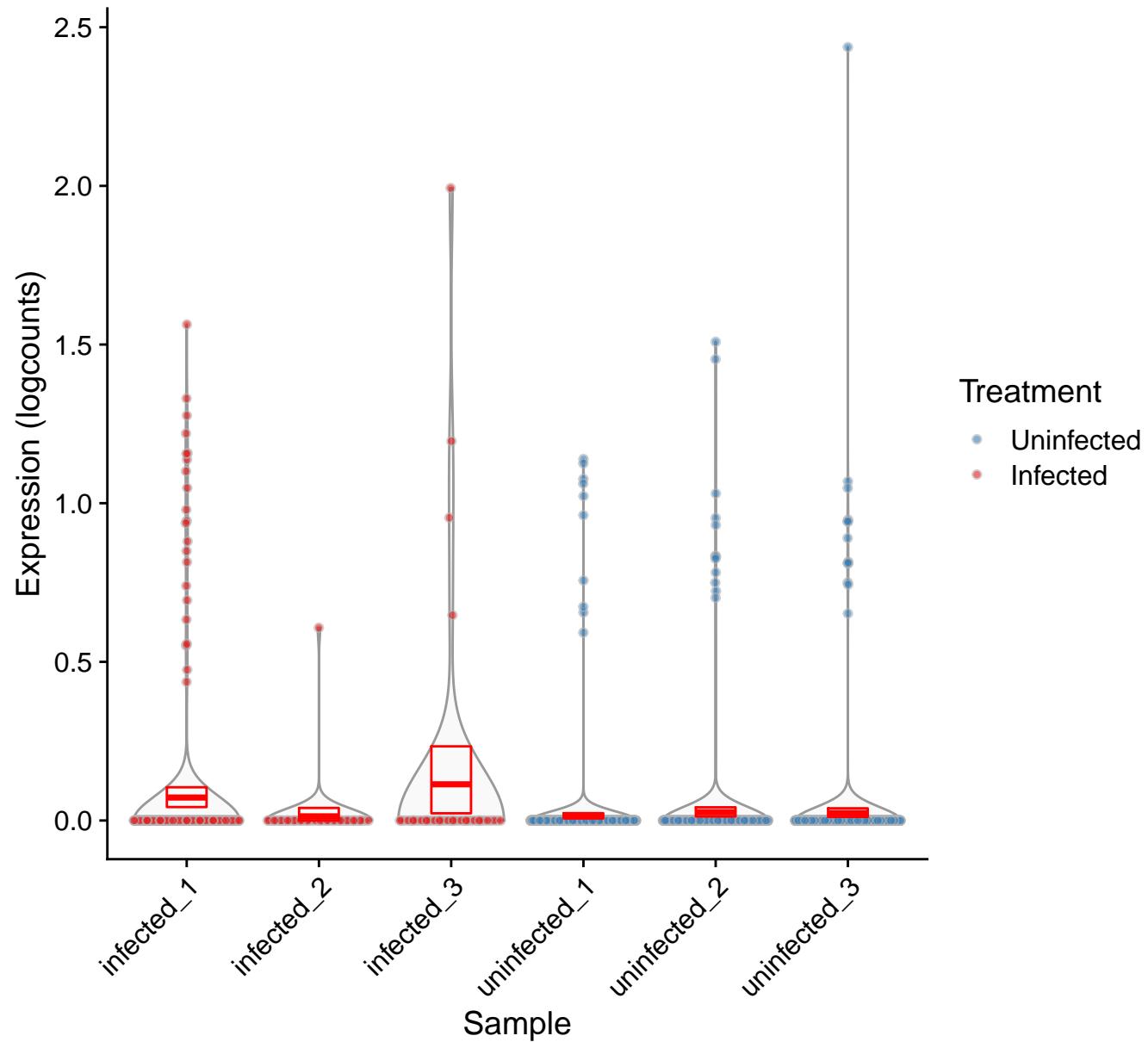
# CTSA (FDR = 0.04)

cluster\_12



# NUGGC (FDR = 0.04)

cluster\_12



# **SOX4 (FDR = 0.04)**

cluster\_12

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

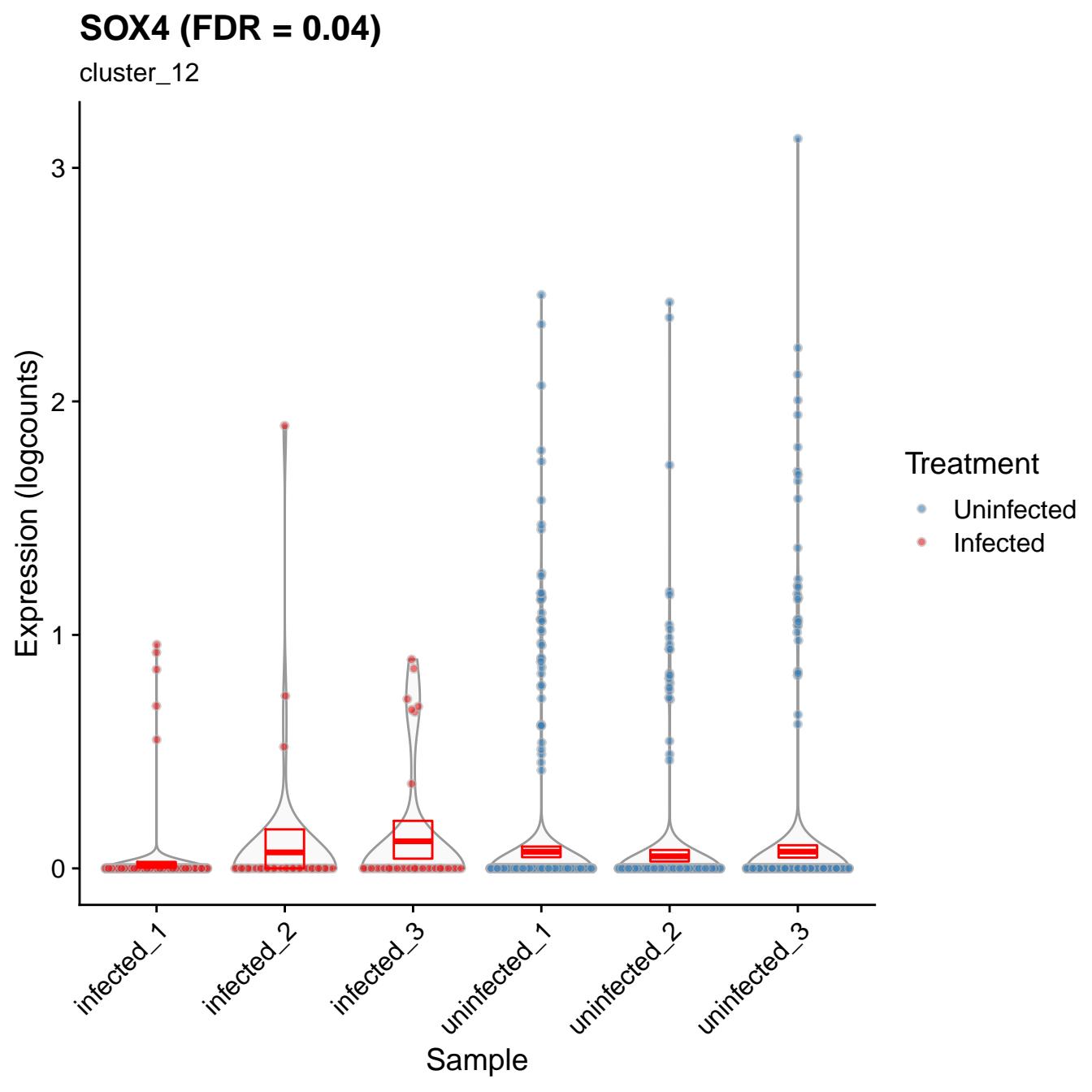
uninfected\_2

uninfected\_3

Sample

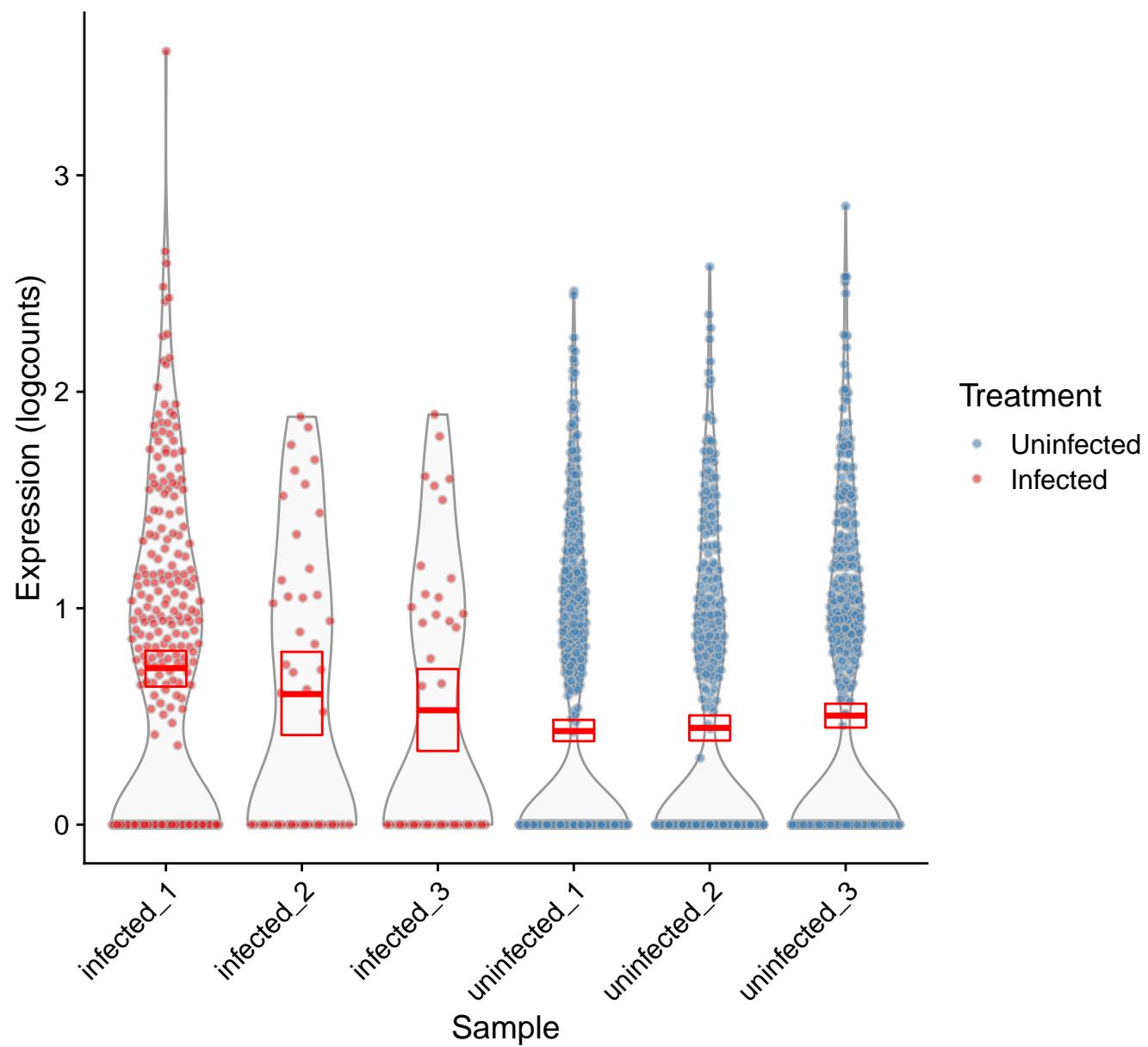
Treatment

- Uninfected
- Infected



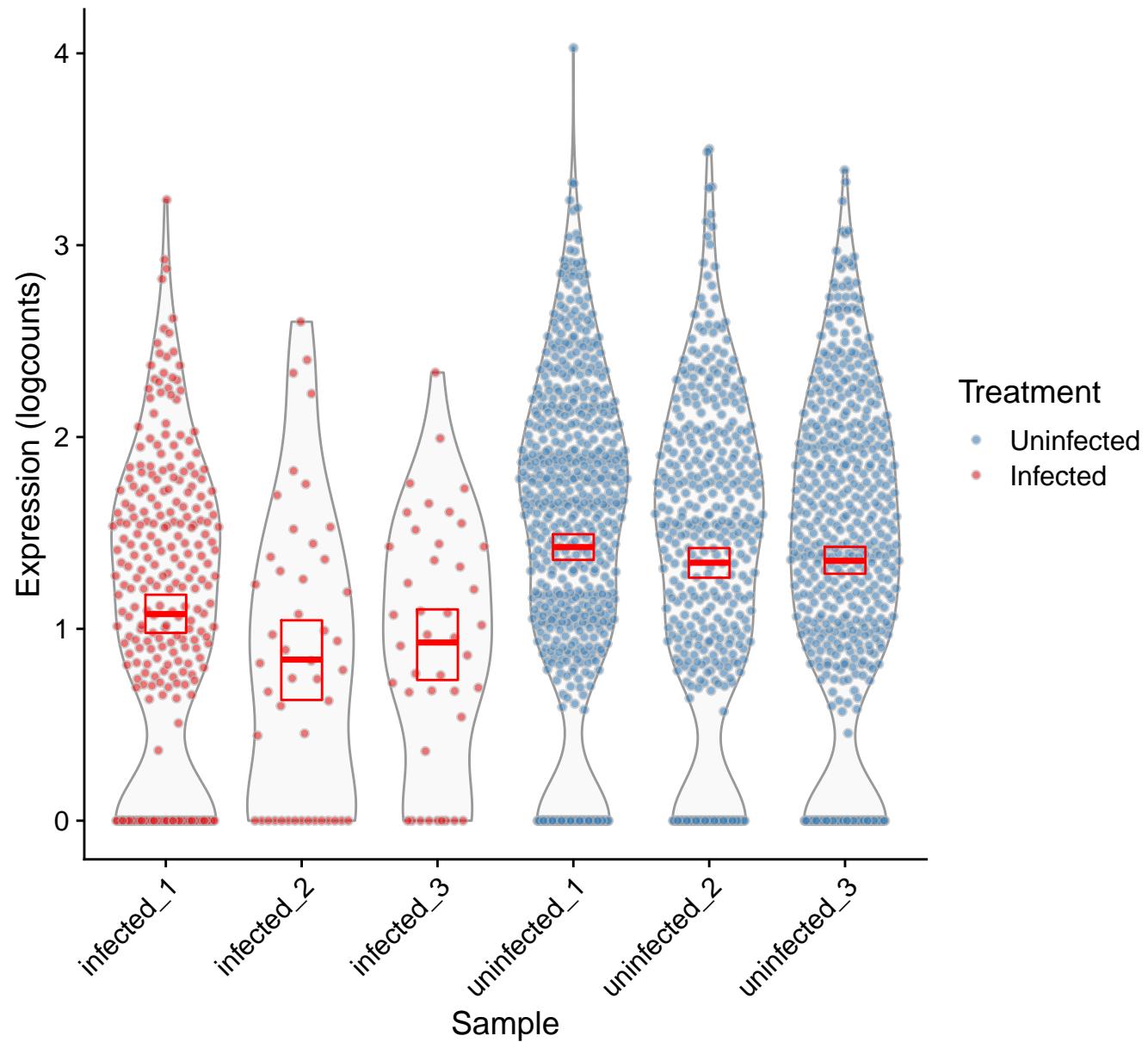
# OASL (FDR = 0.04)

cluster\_12



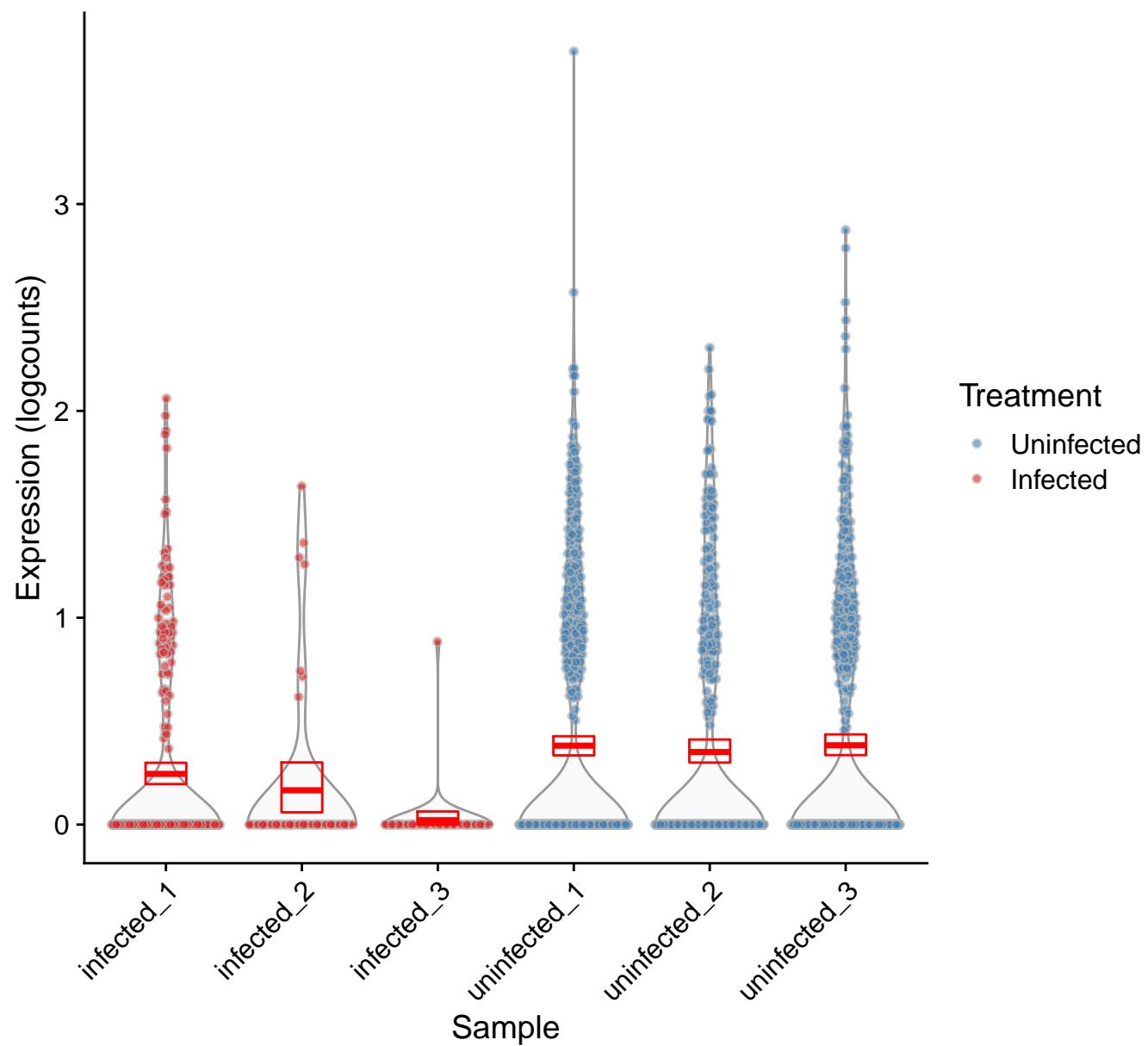
# DENND2D (FDR = 0.04)

cluster\_12



# SUSD4 (FDR = 0.05)

cluster\_12



# SLA (FDR = 0.05)

cluster\_12

Expression (logcounts)

3

2

1

0

infected\_1

infected\_2

infected\_3

uninfected\_1

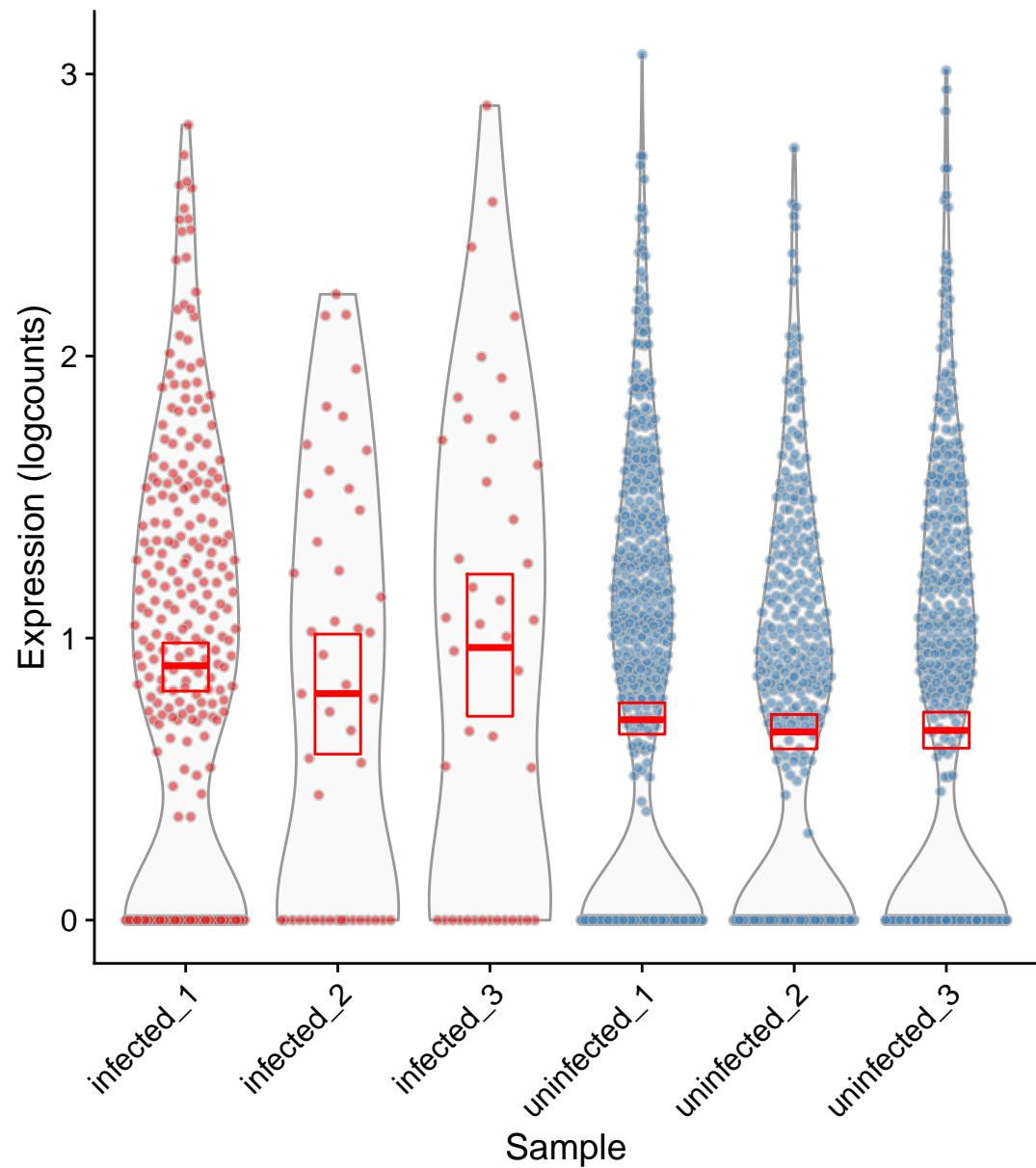
uninfected\_2

uninfected\_3

Sample

Treatment

- Uninfected
- Infected



# IL12RB2 (FDR = 0.05)

cluster\_12

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected\_1

infected\_2

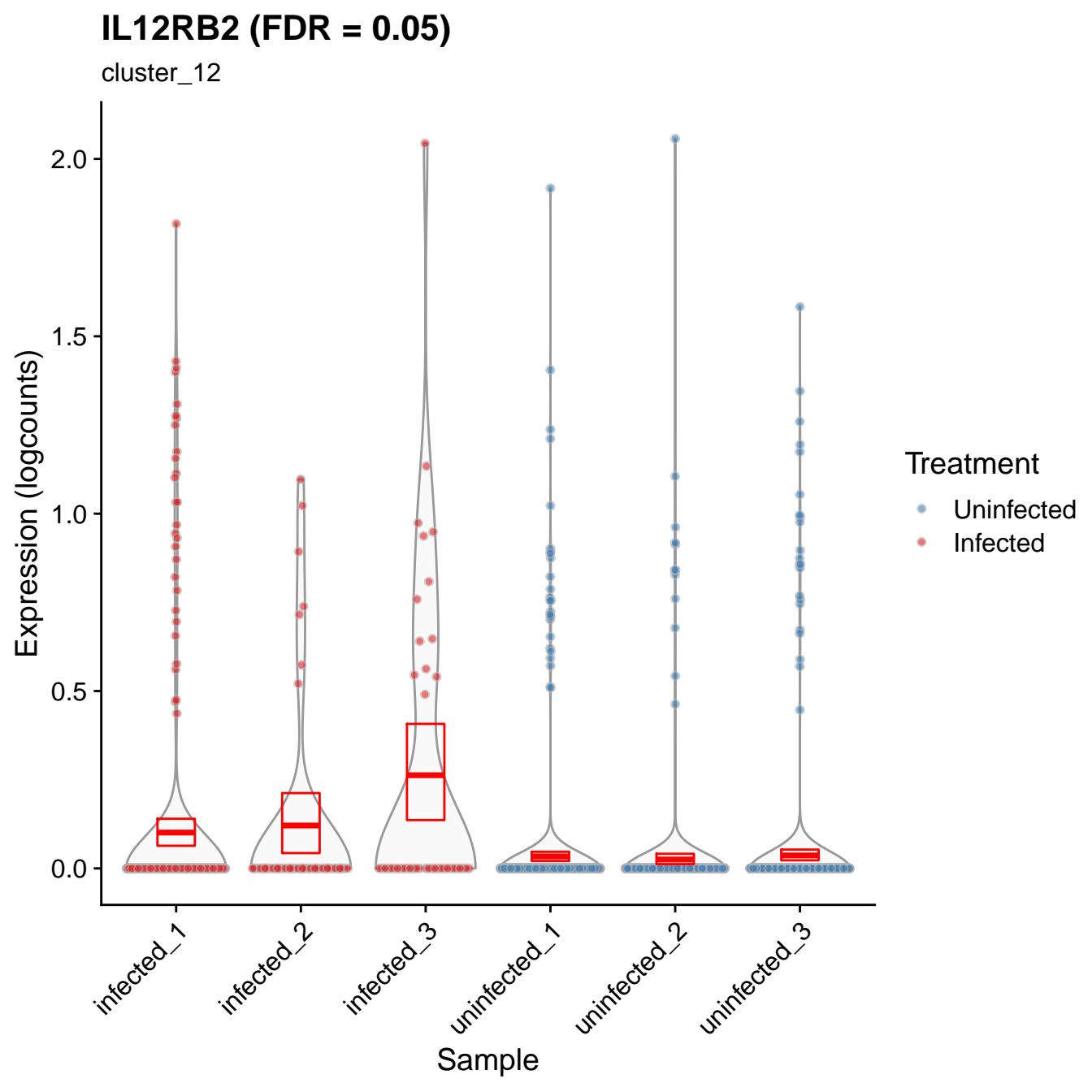
infected\_3

Sample

uninfected\_1

uninfected\_2

uninfected\_3



# BLVRA (FDR = 0.05)

cluster\_12

