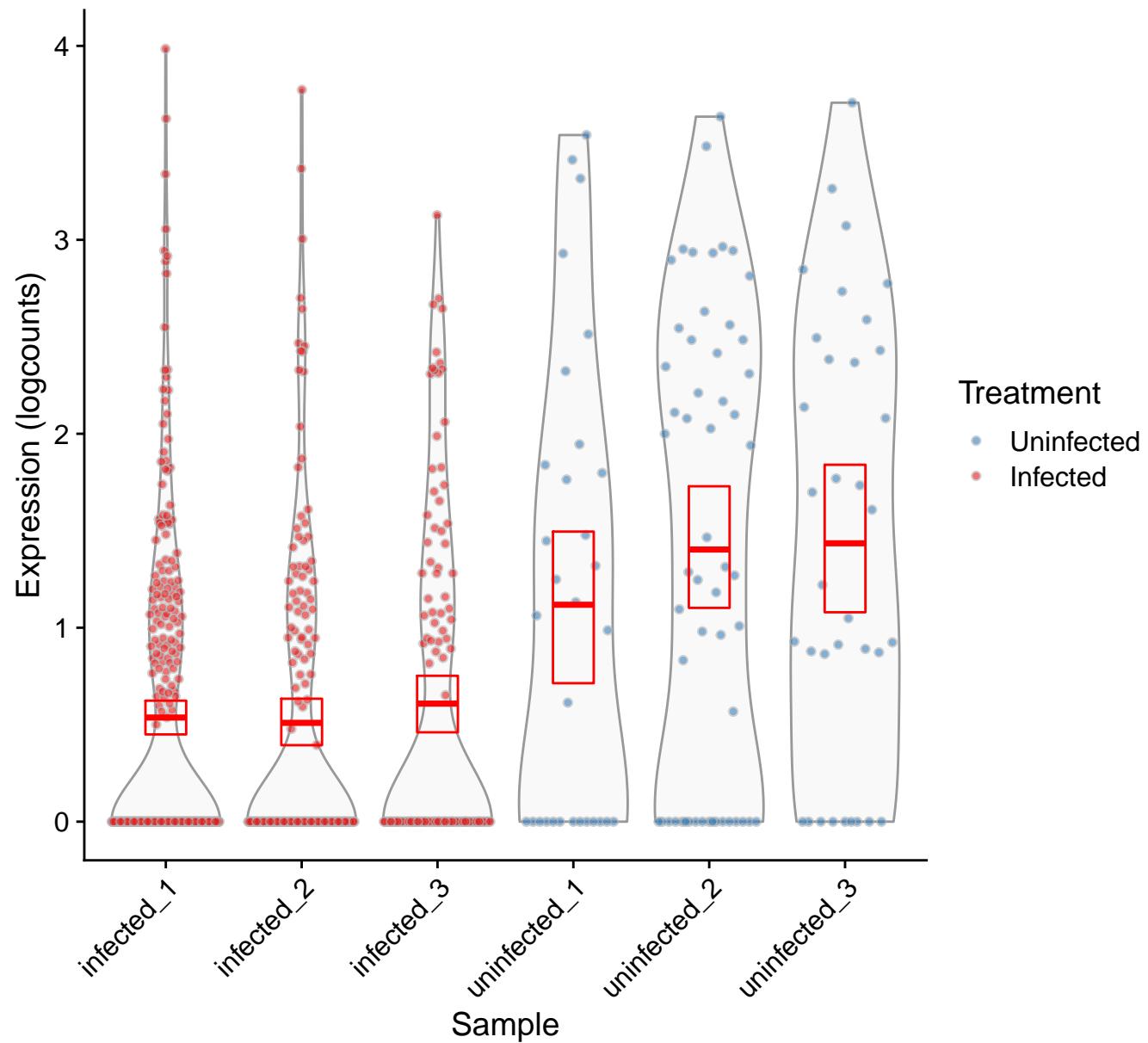


STMN1 (FDR = 4e-11)

cluster_1



HMGN2 (FDR = 9e-10)

cluster_1

Expression (logcounts)

4

1

0

infected_1

infected_2

infected_3

uninfected_1

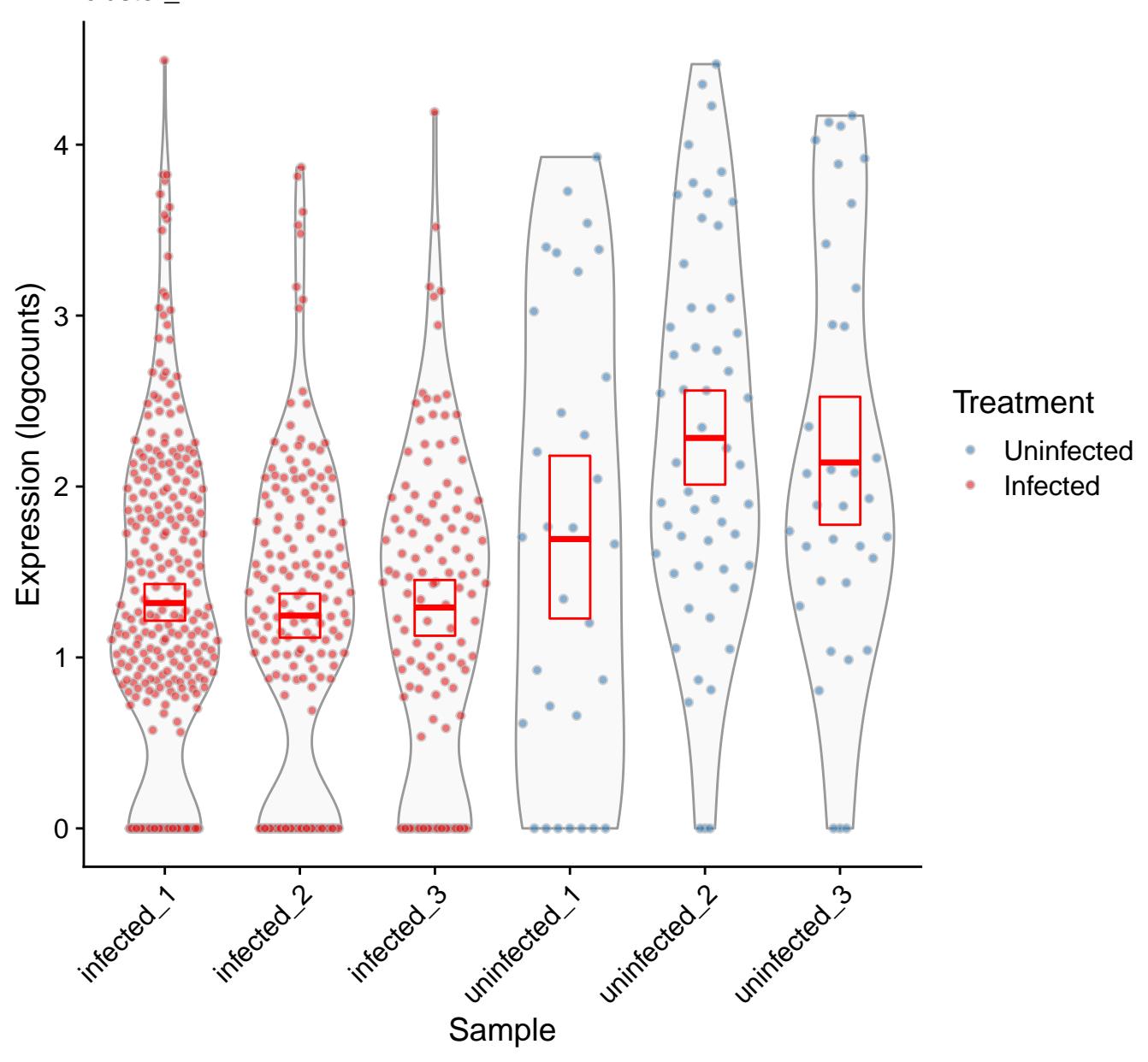
uninfected_2

uninfected_3

Sample

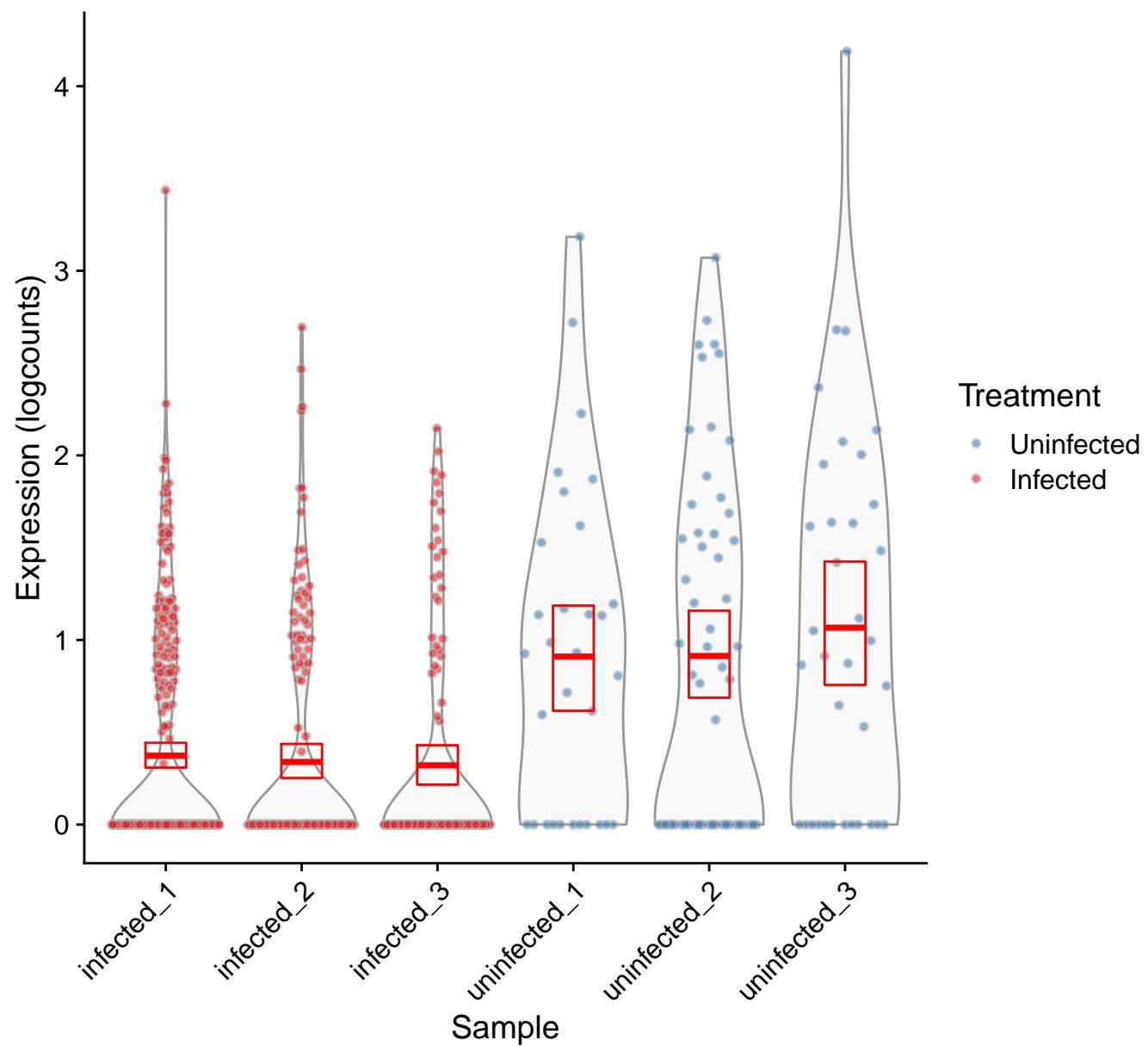
Treatment

- Uninfected
- Infected



PTTG1 (FDR = 9e-10)

cluster_1



CD74 (FDR = 7e-08)

cluster_1

Expression (logcounts)

6

4

2

0

infected_1

infected_2

infected_3

uninfected_1

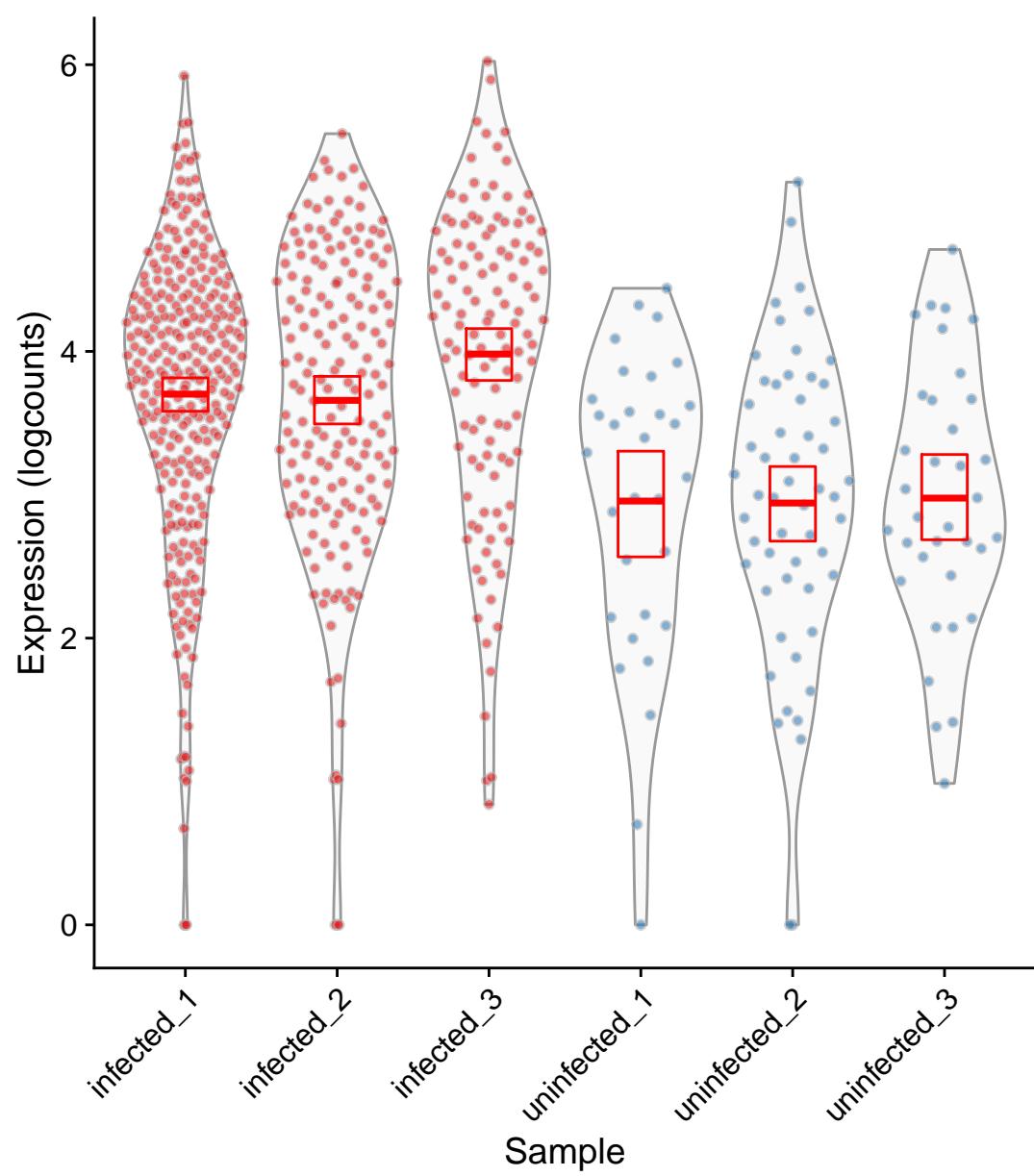
uninfected_2

uninfected_3

Sample

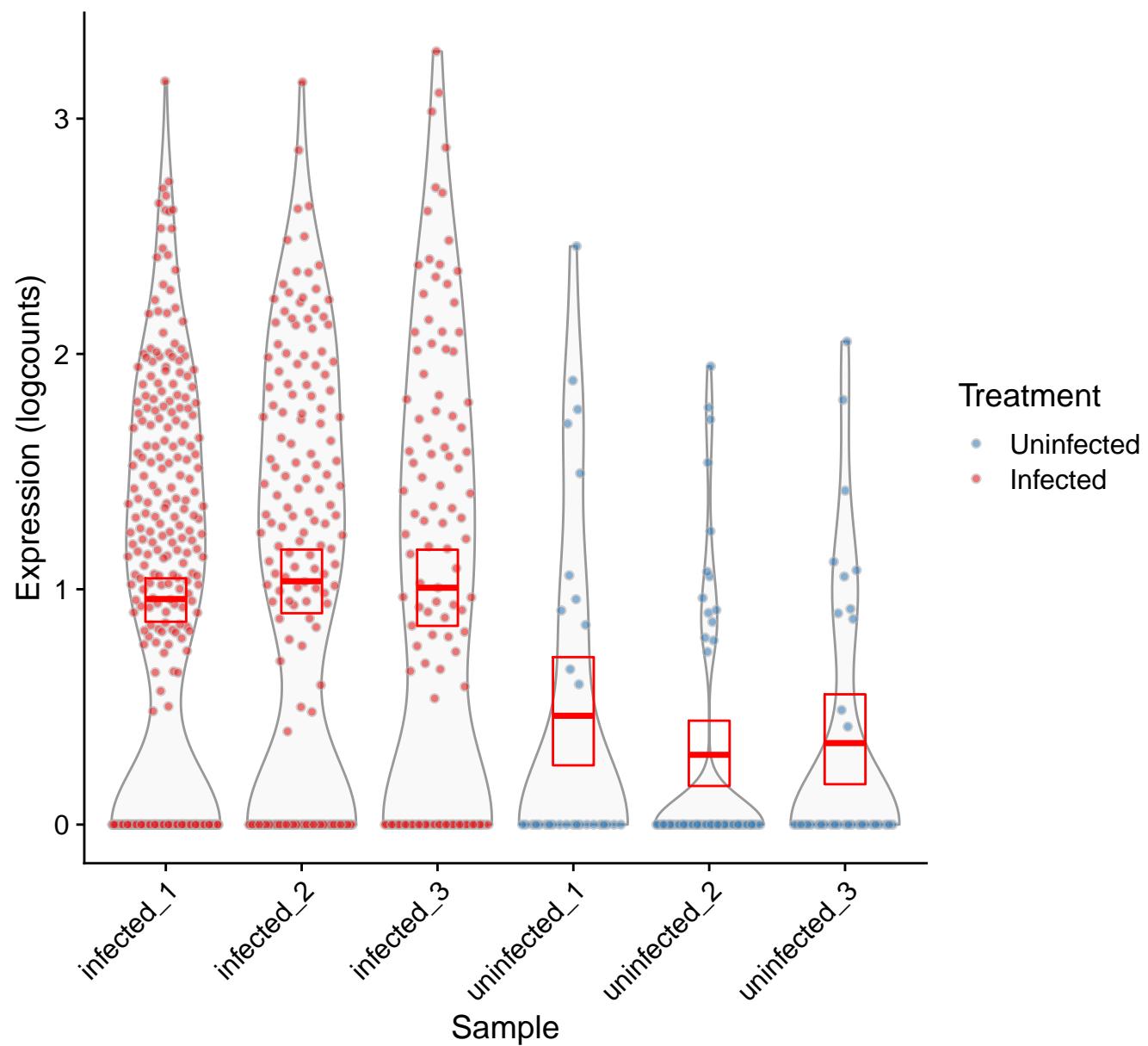
Treatment

- Uninfected
- Infected



GLUL (FDR = 2e-07)

cluster_1



IFI6 (FDR = 4e-07)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

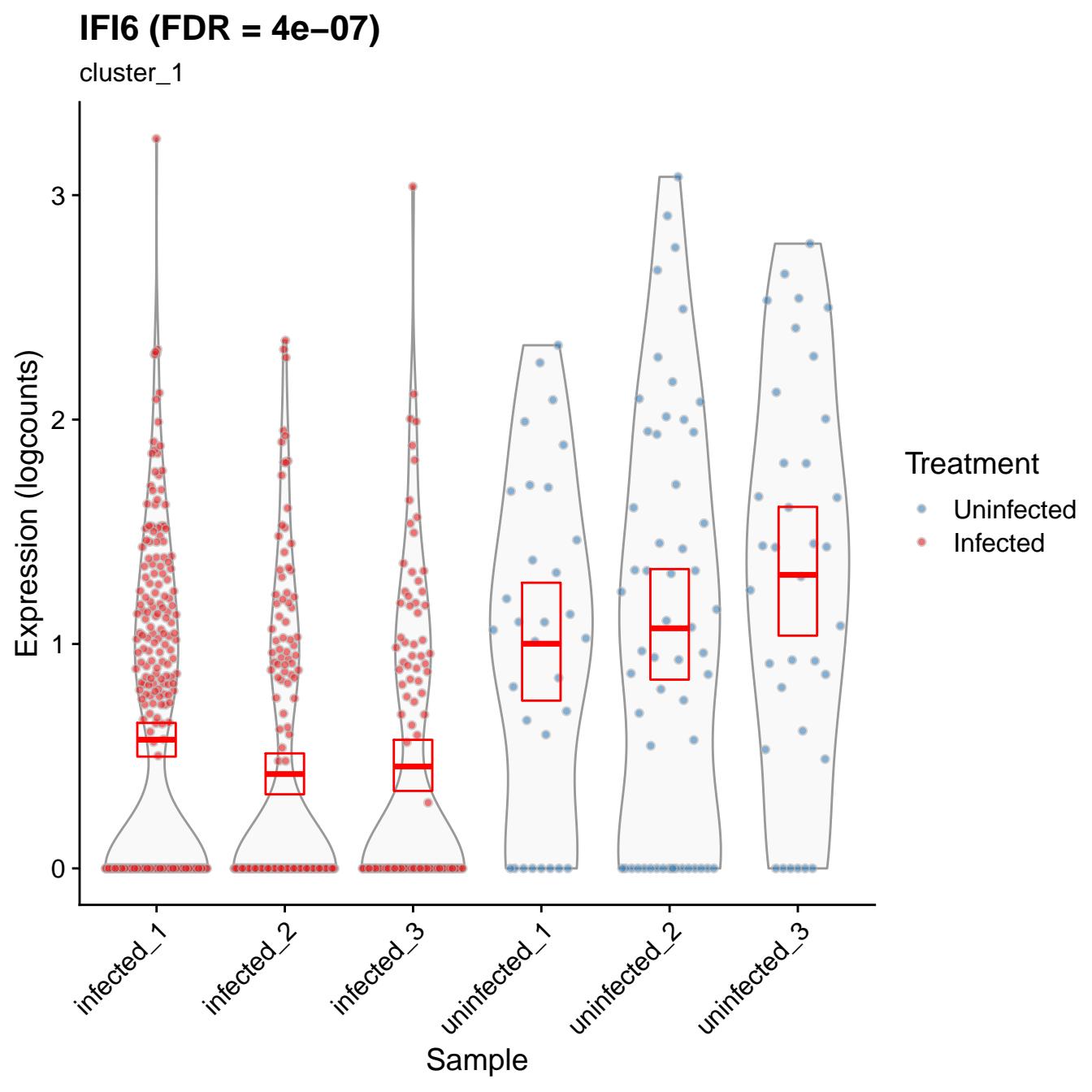
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



FABP5 (FDR = 9e-07)

cluster_1

Expression (logcounts)

2

1

0

infected_1

infected_2

infected_3

uninfected_1

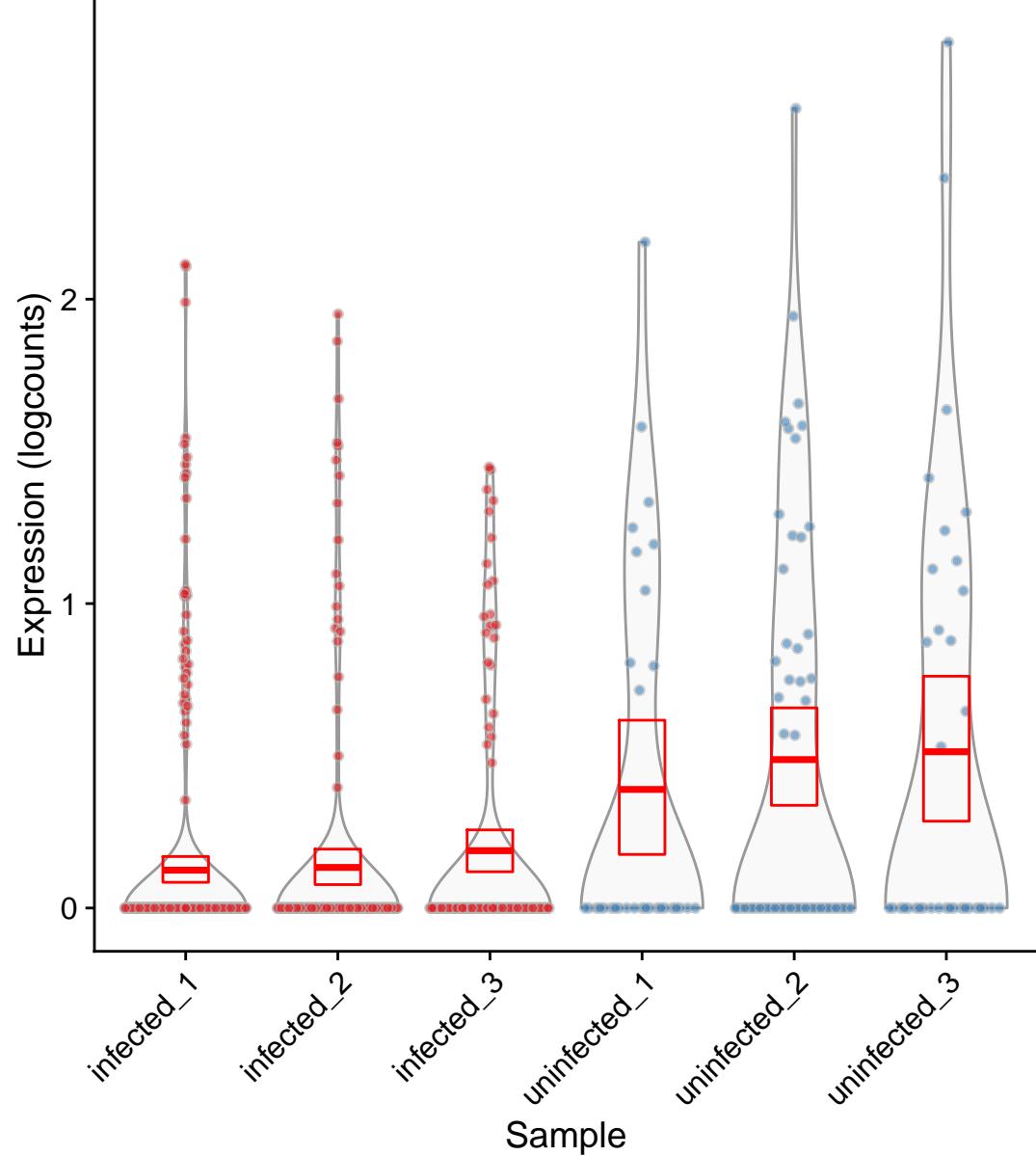
uninfected_2

uninfected_3

Sample

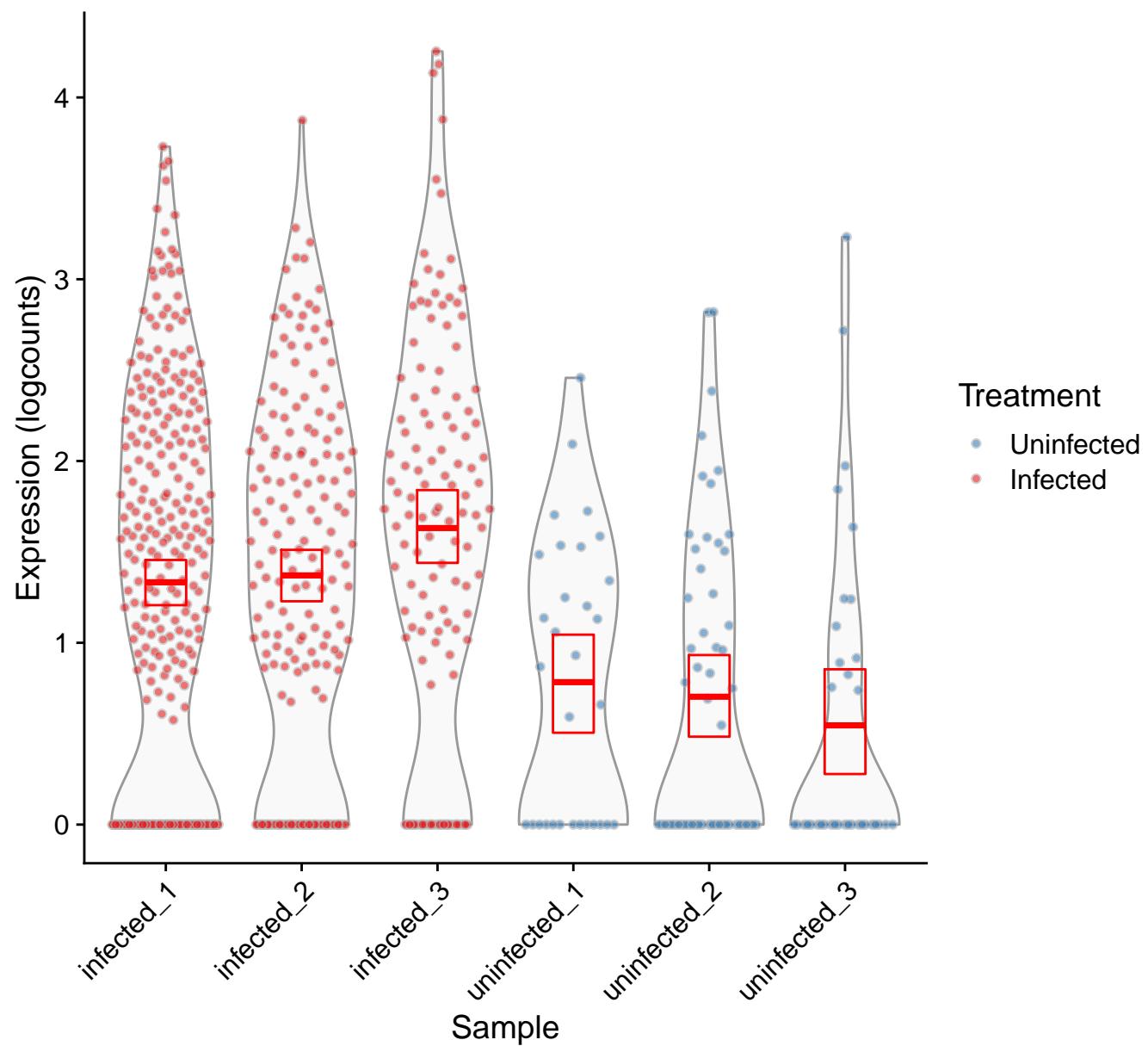
Treatment

- Uninfected
- Infected



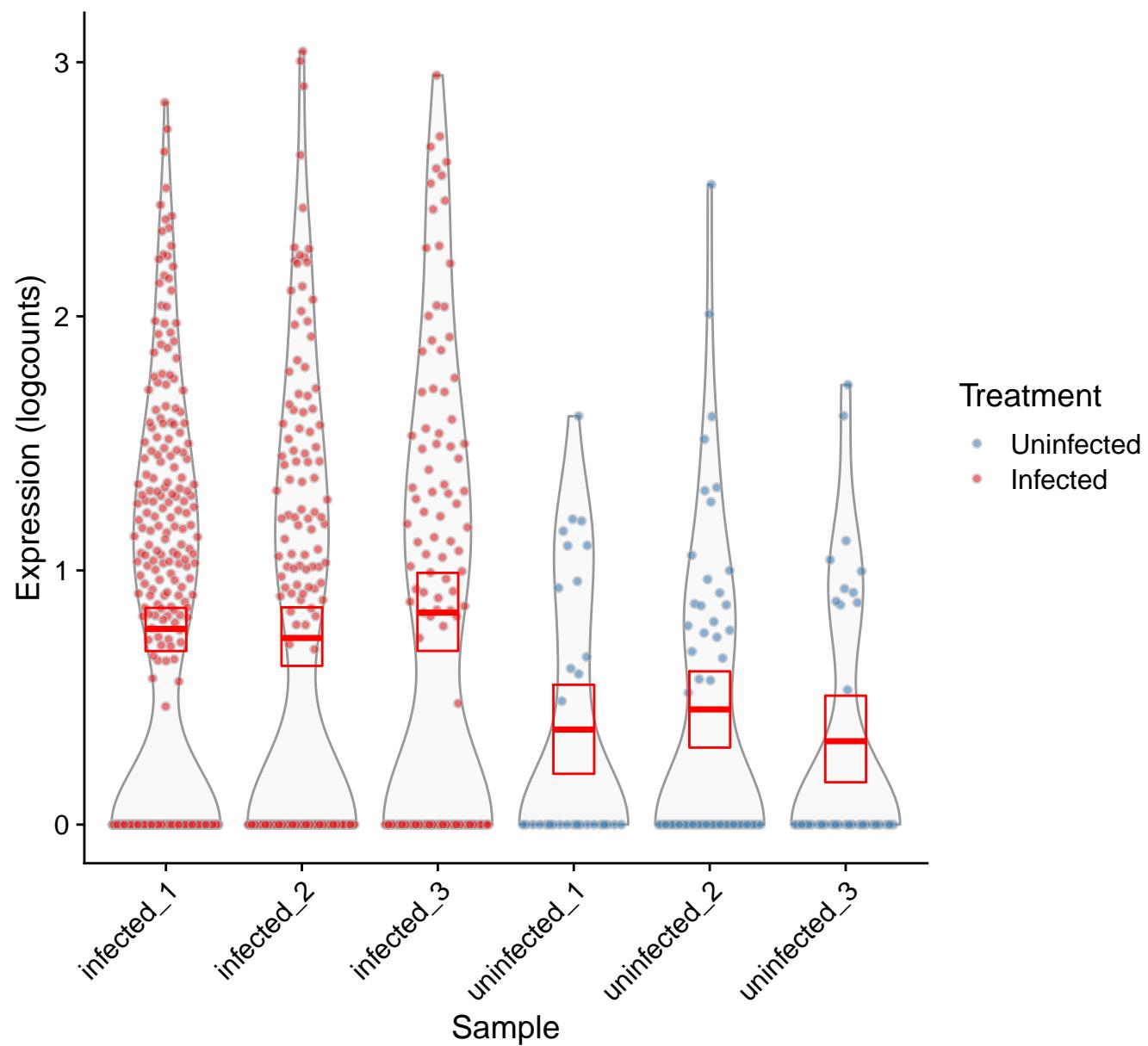
HLA-DRA (FDR = 4e-06)

cluster_1



CBLB (FDR = 1e-05)

cluster_1



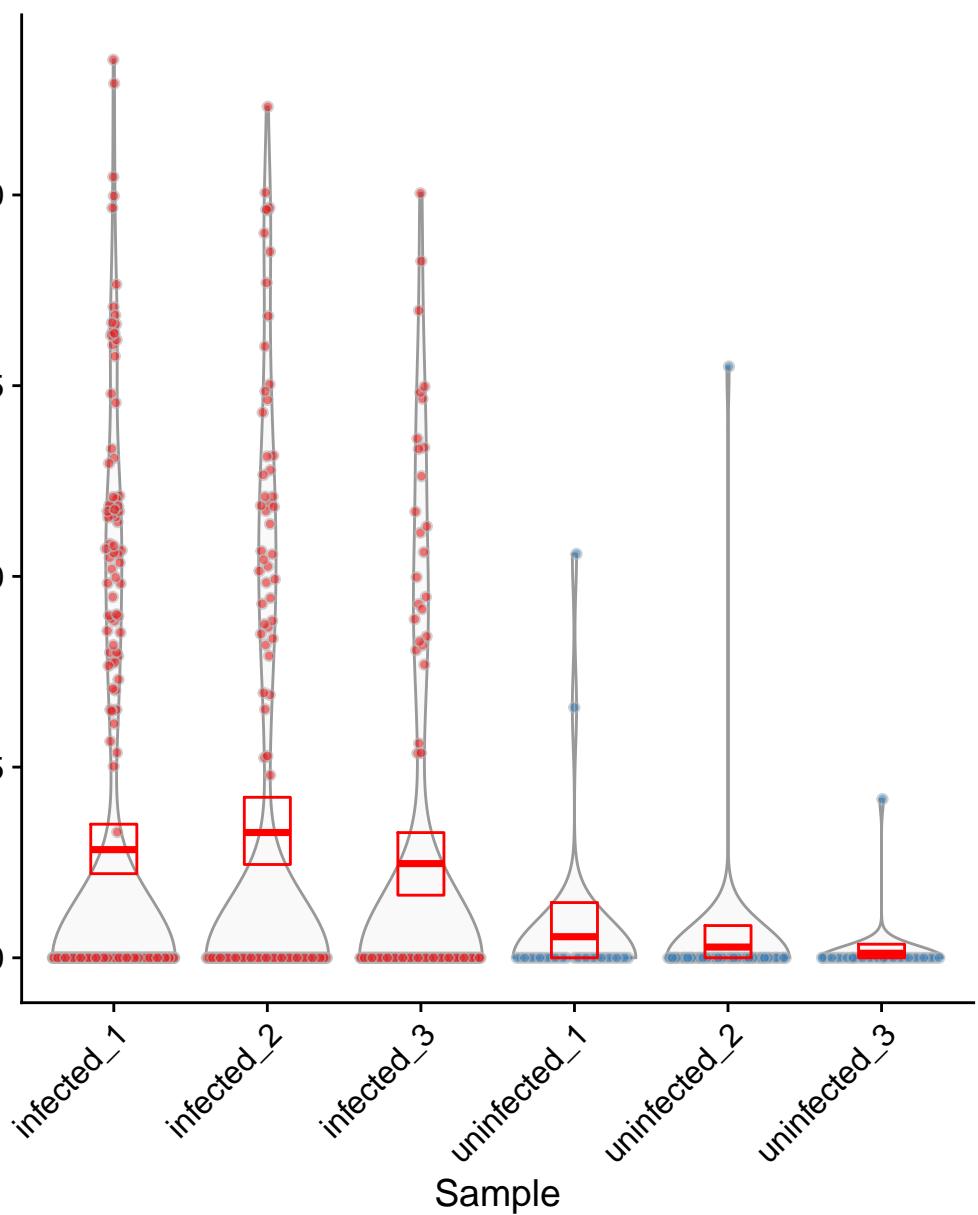
IL2RA (FDR = 1e-05)

cluster_1

Expression (logcounts)

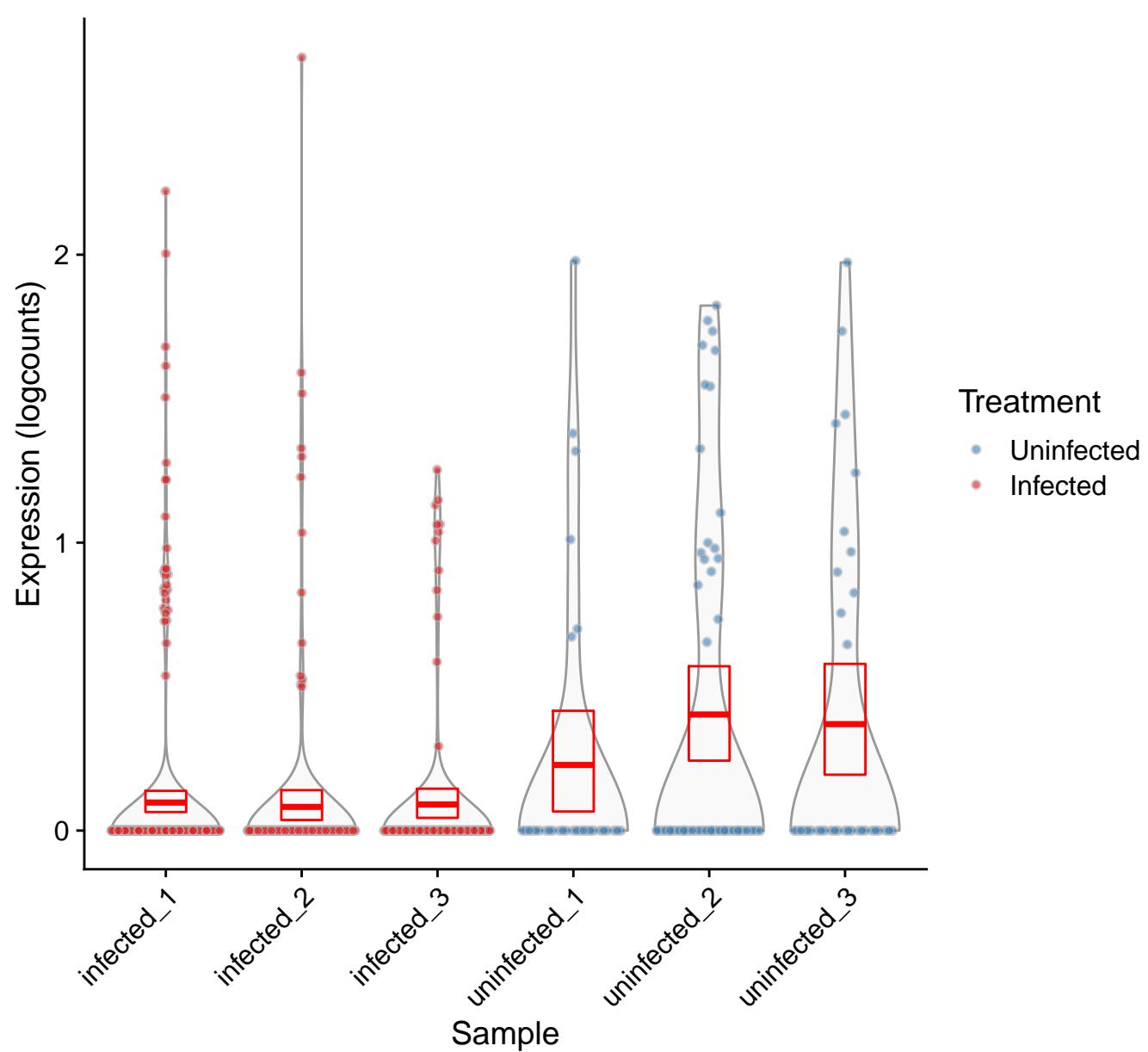
Treatment

- Uninfected
- Infected



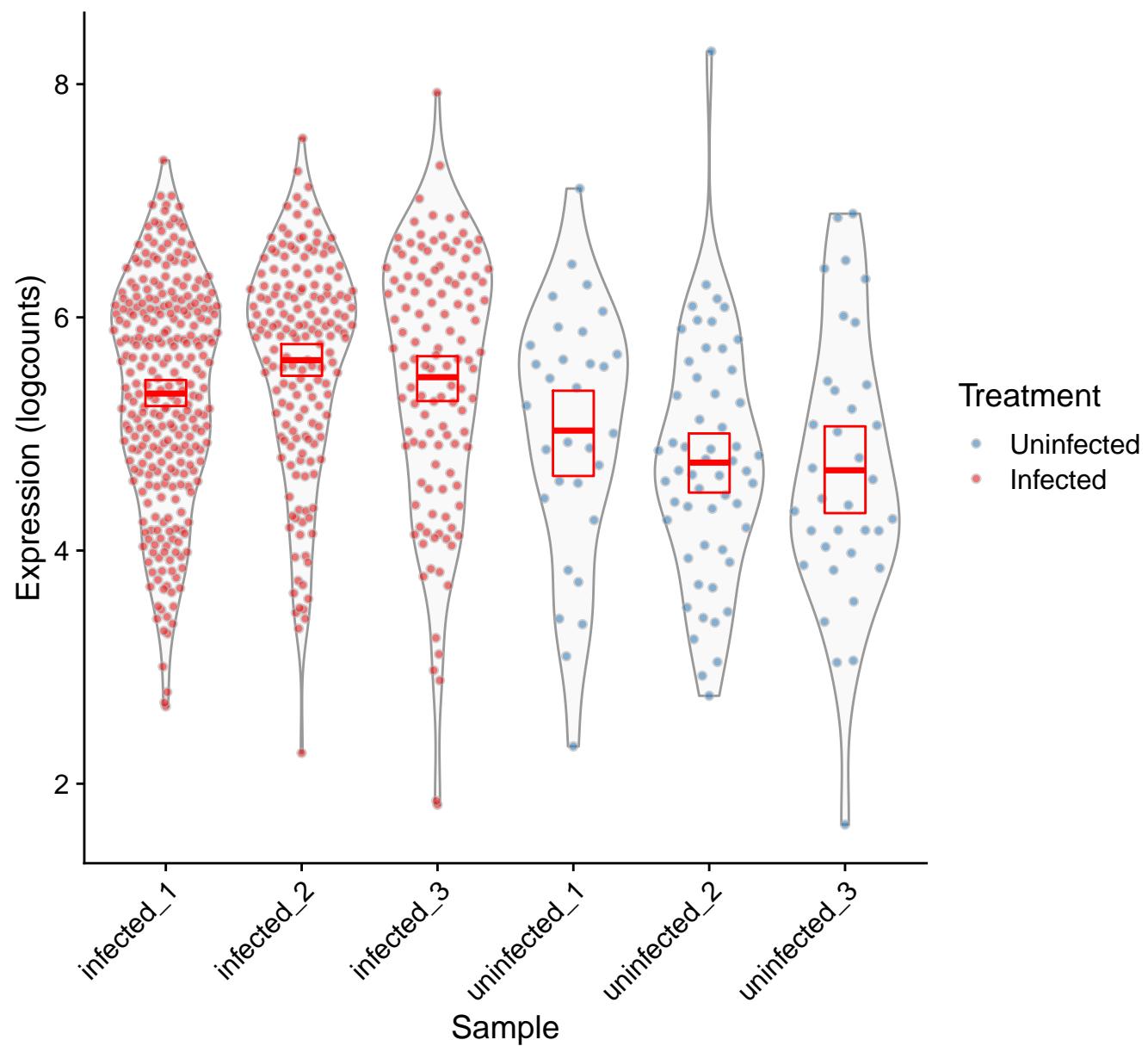
CENPF (FDR = 1e-05)

cluster_1



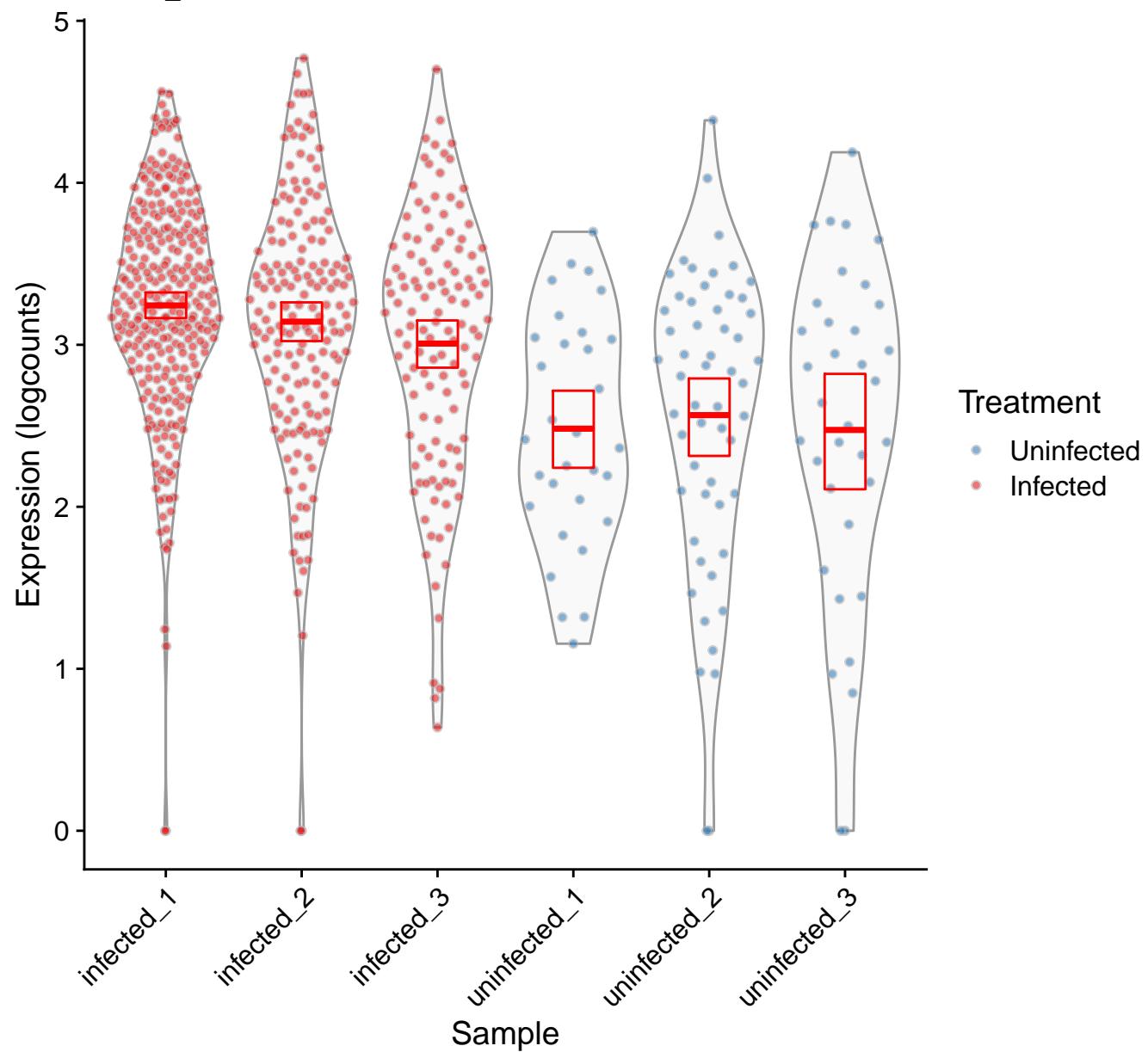
MALAT1 (FDR = 1e-05)

cluster_1



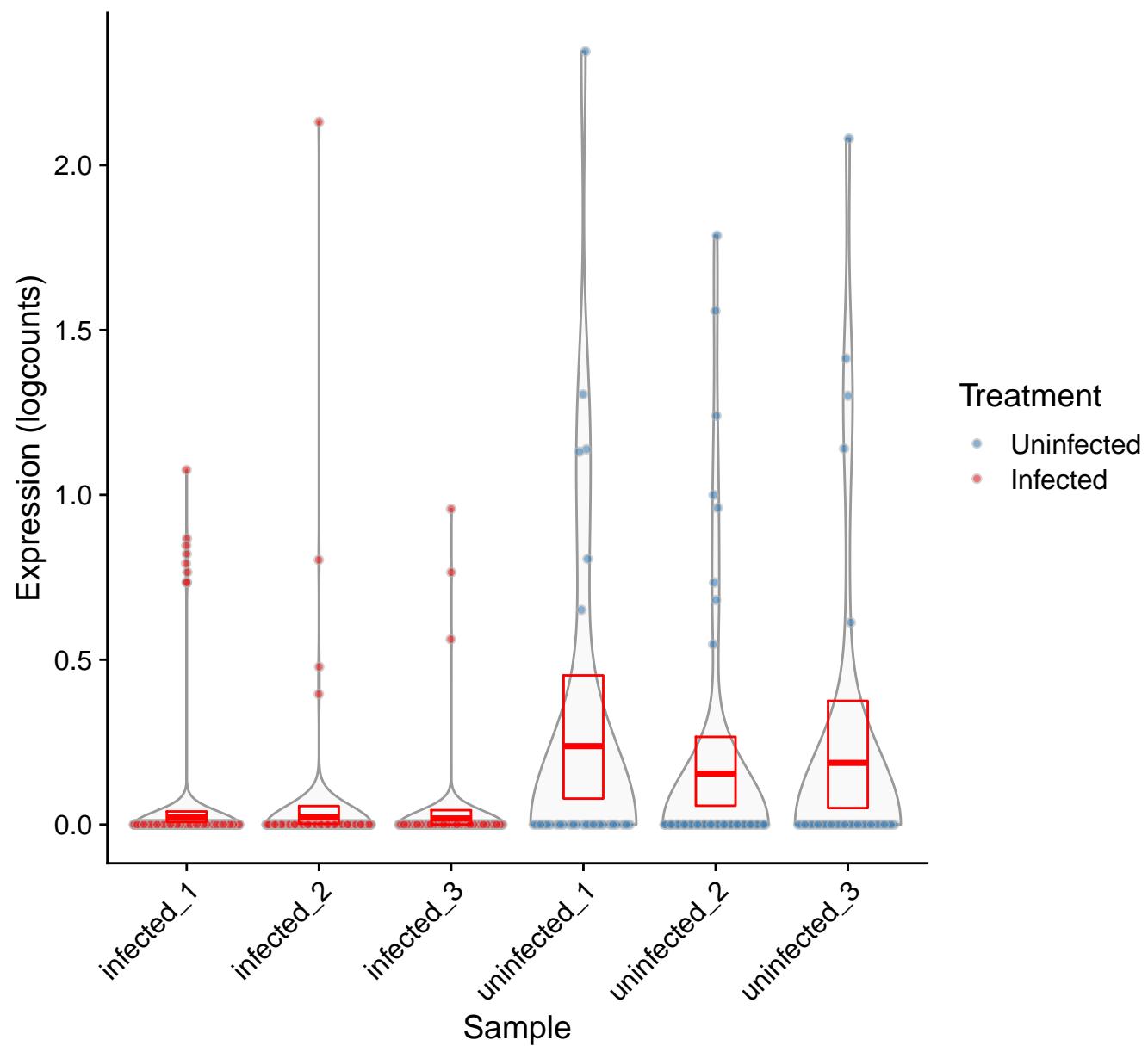
ITGB1 (FDR = 1e-05)

cluster_1



EMP1 (FDR = 2e-05)

cluster_1



MKI67 (FDR = 4e-05)

cluster_1

Expression (logcounts)

2

1

0

infected_1

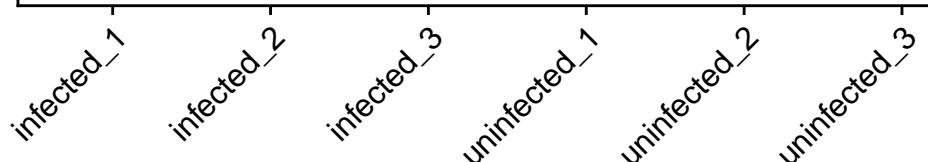
infected_2

infected_3

Sample

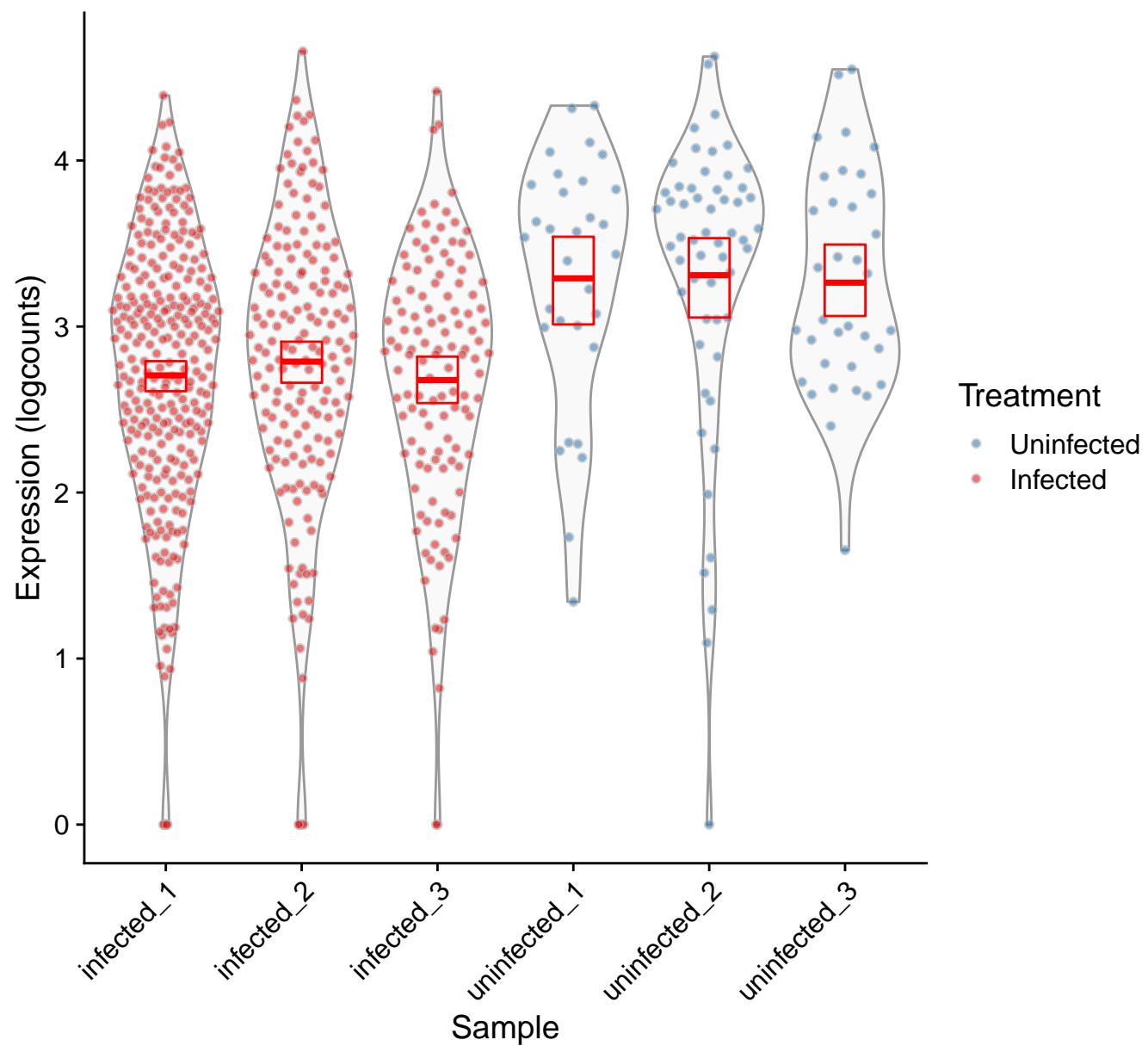
Treatment

- Uninfected
- Infected



ANXA2 (FDR = 6e-05)

cluster_1



HSPA1A (FDR = 7e-05)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

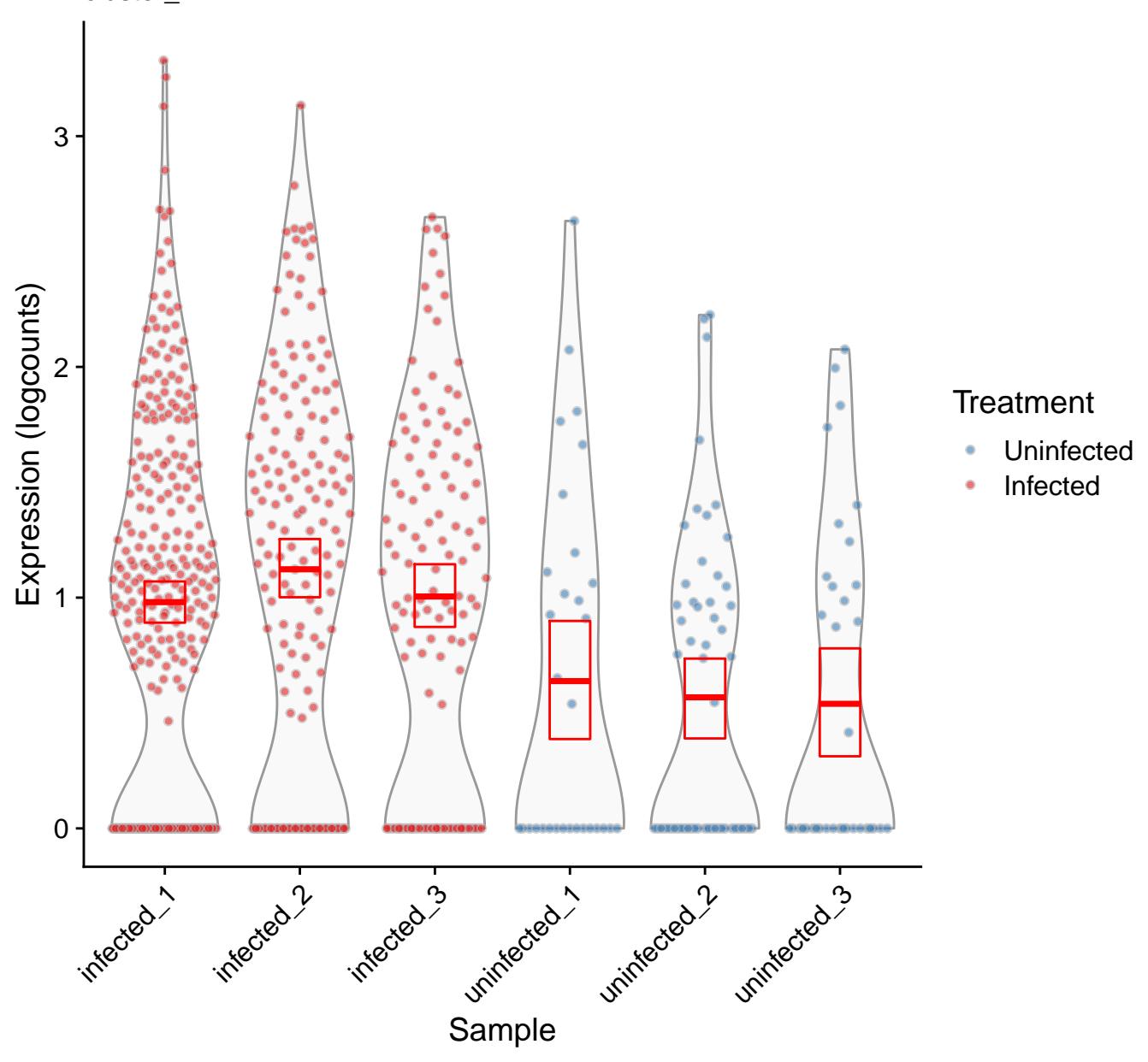
uninfected_2

uninfected_3

Sample

Treatment

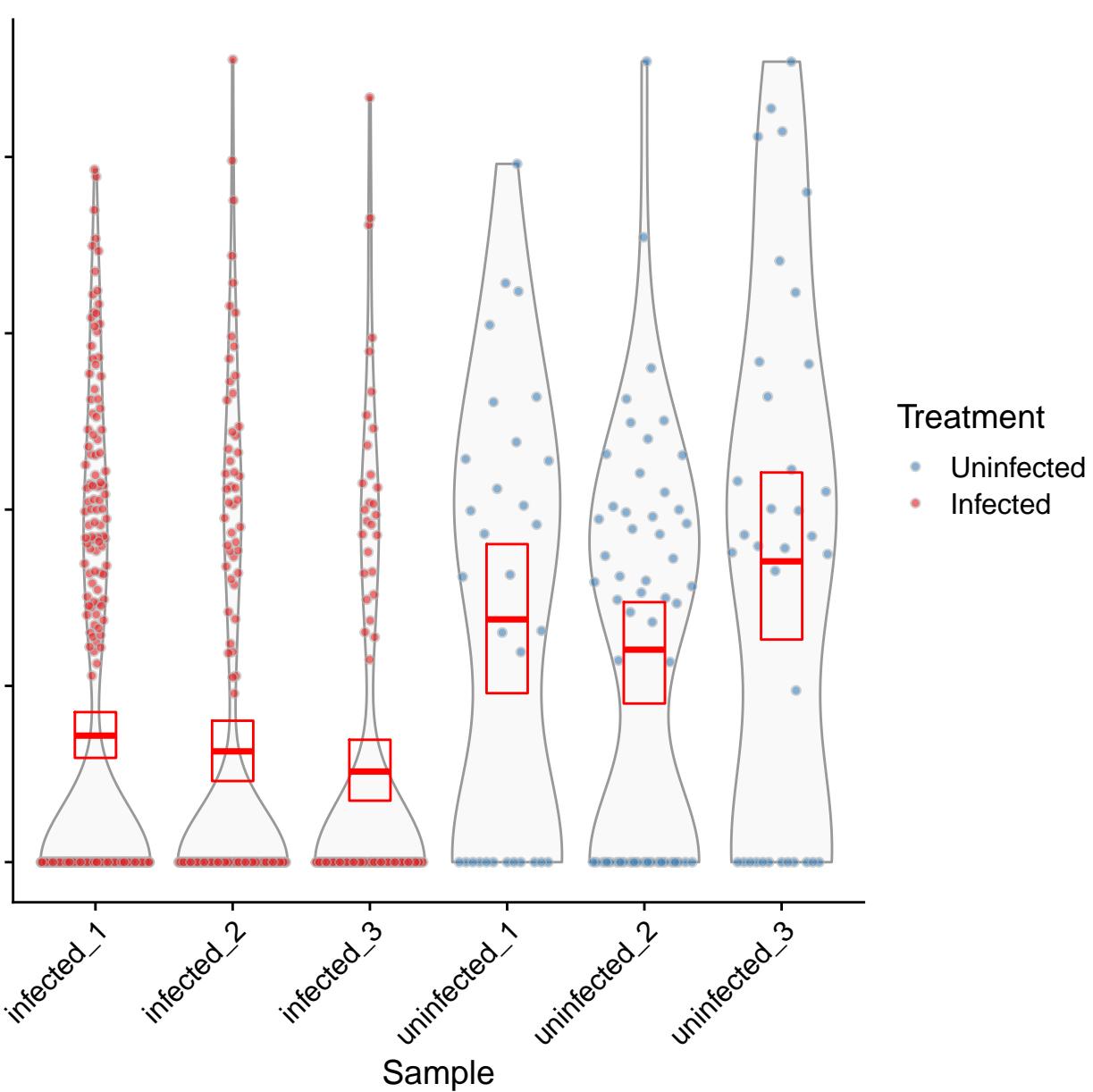
- Uninfected
- Infected



ANAPC15 (FDR = 9e-05)

cluster_1

Expression (logcounts)



TMSB10 (FDR = 9e-05)

cluster_1

Expression (logcounts)

7

6

5

4

infected_1

infected_2

infected_3

uninfected_1

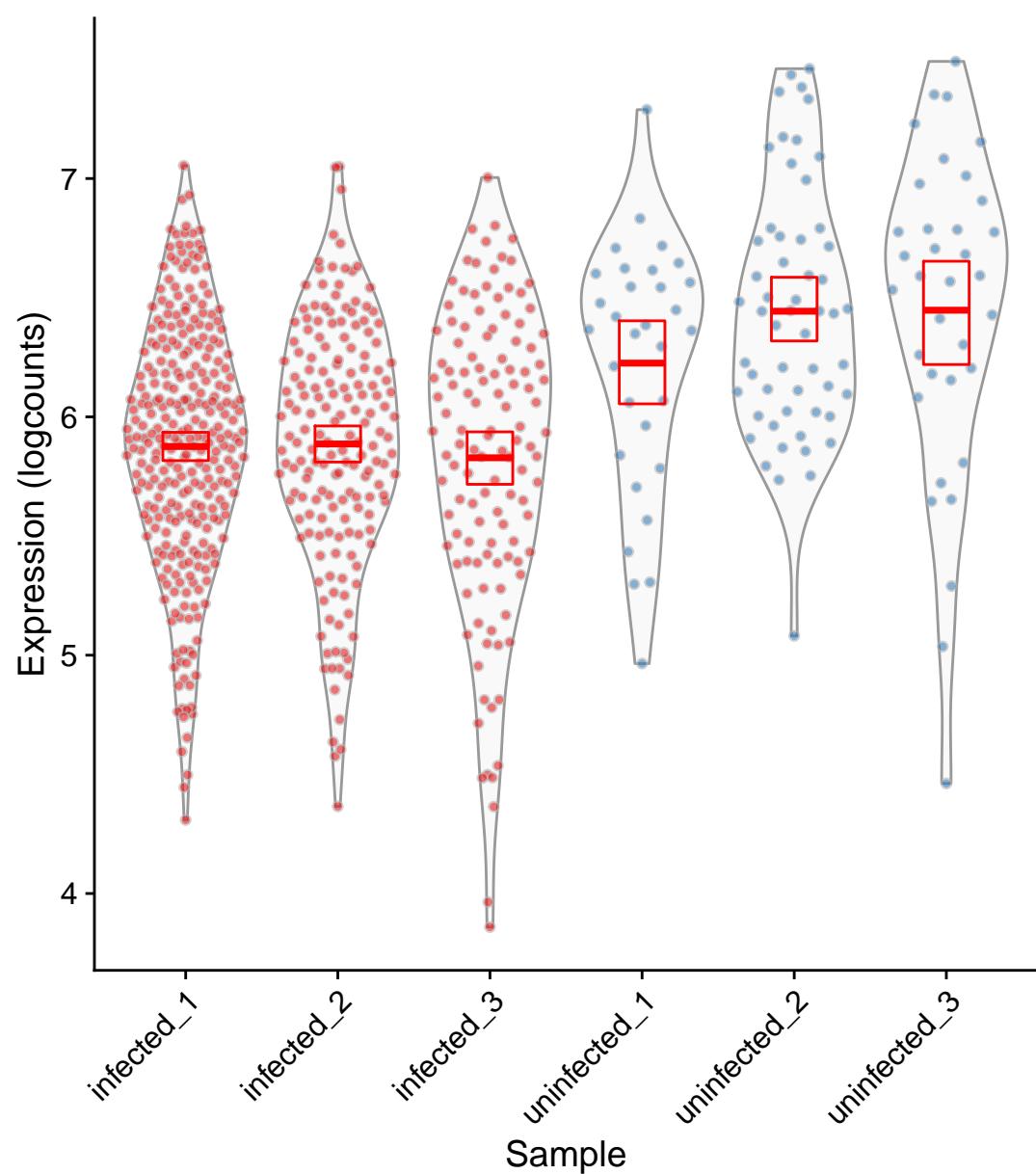
uninfected_2

uninfected_3

Sample

Treatment

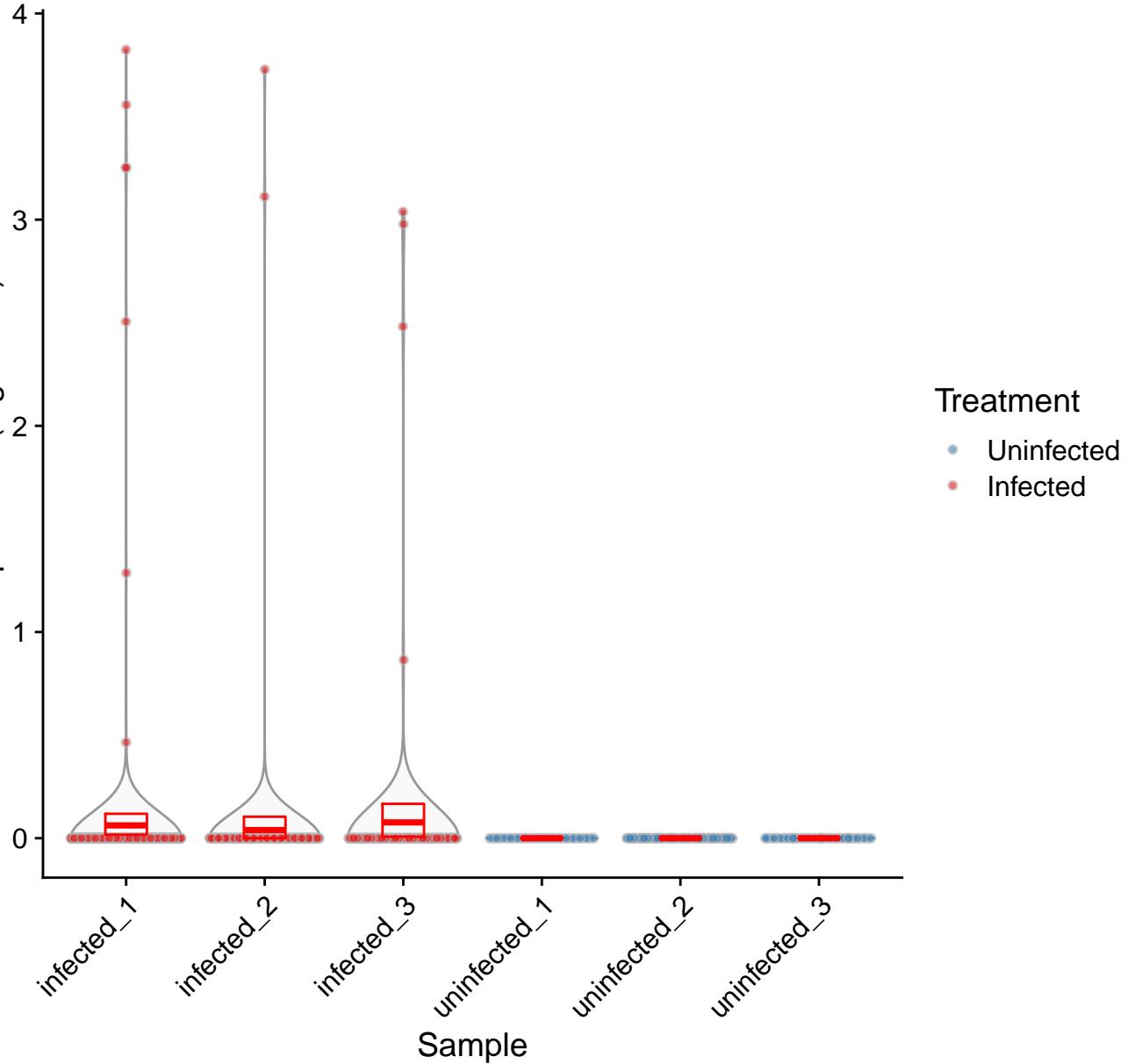
- Uninfected
- Infected



TRBV25-1 (FDR = 9e-05)

cluster_1

Expression (logcounts)



PDLIM1 (FDR = 1e-04)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

Sample

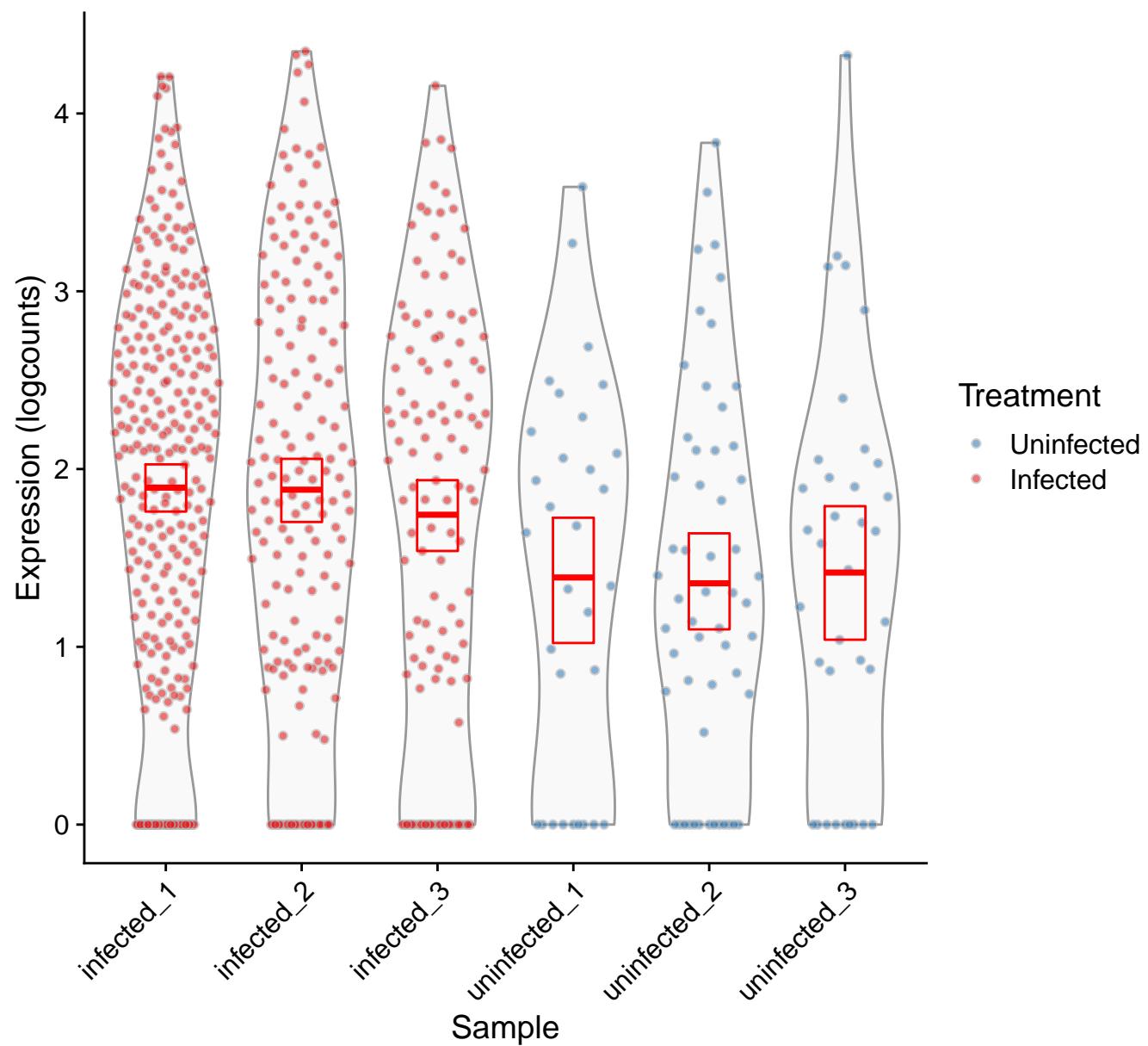
Treatment

- Uninfected
- Infected

Sample

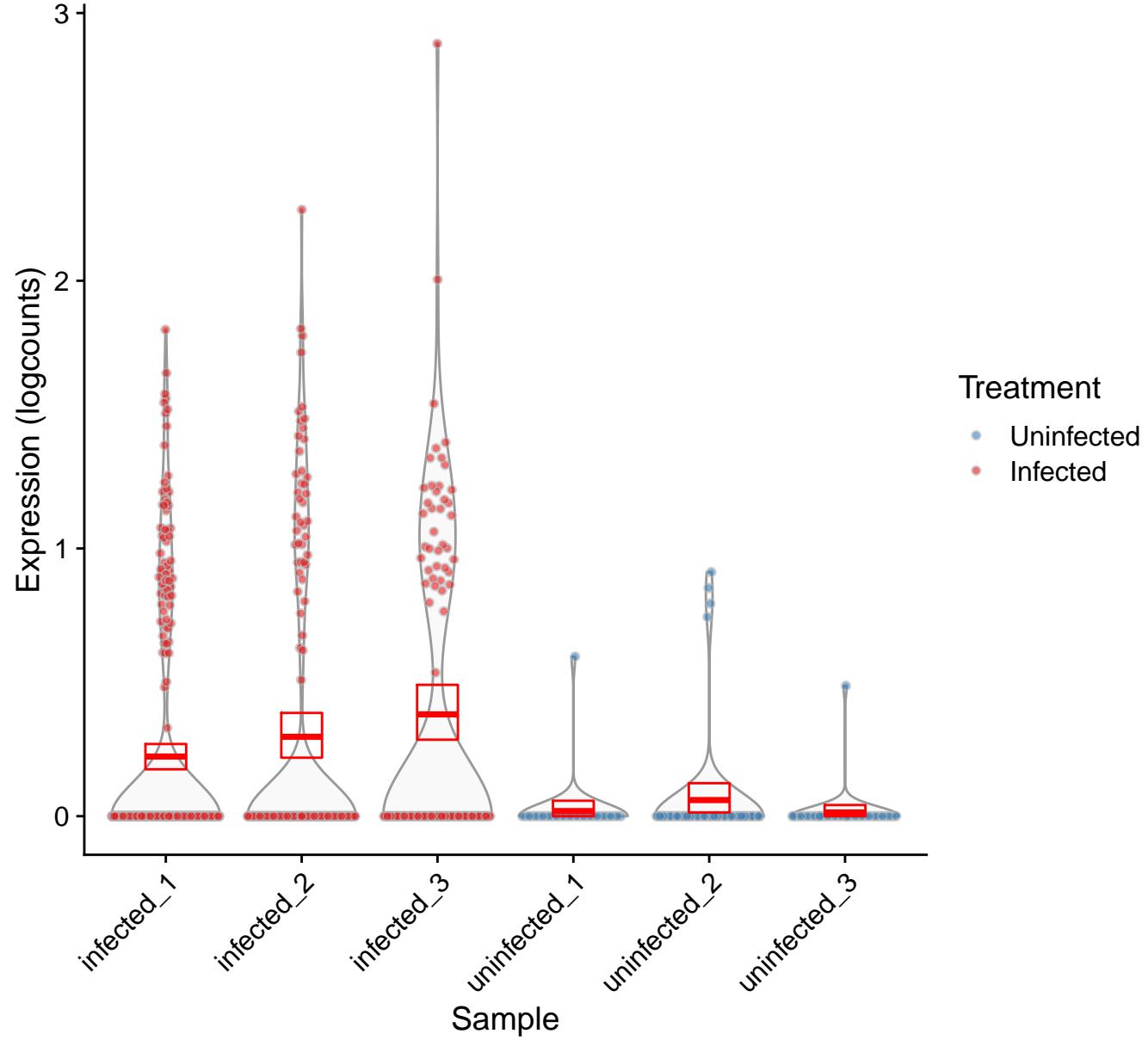
TXNIP (FDR = 1e-04)

cluster_1



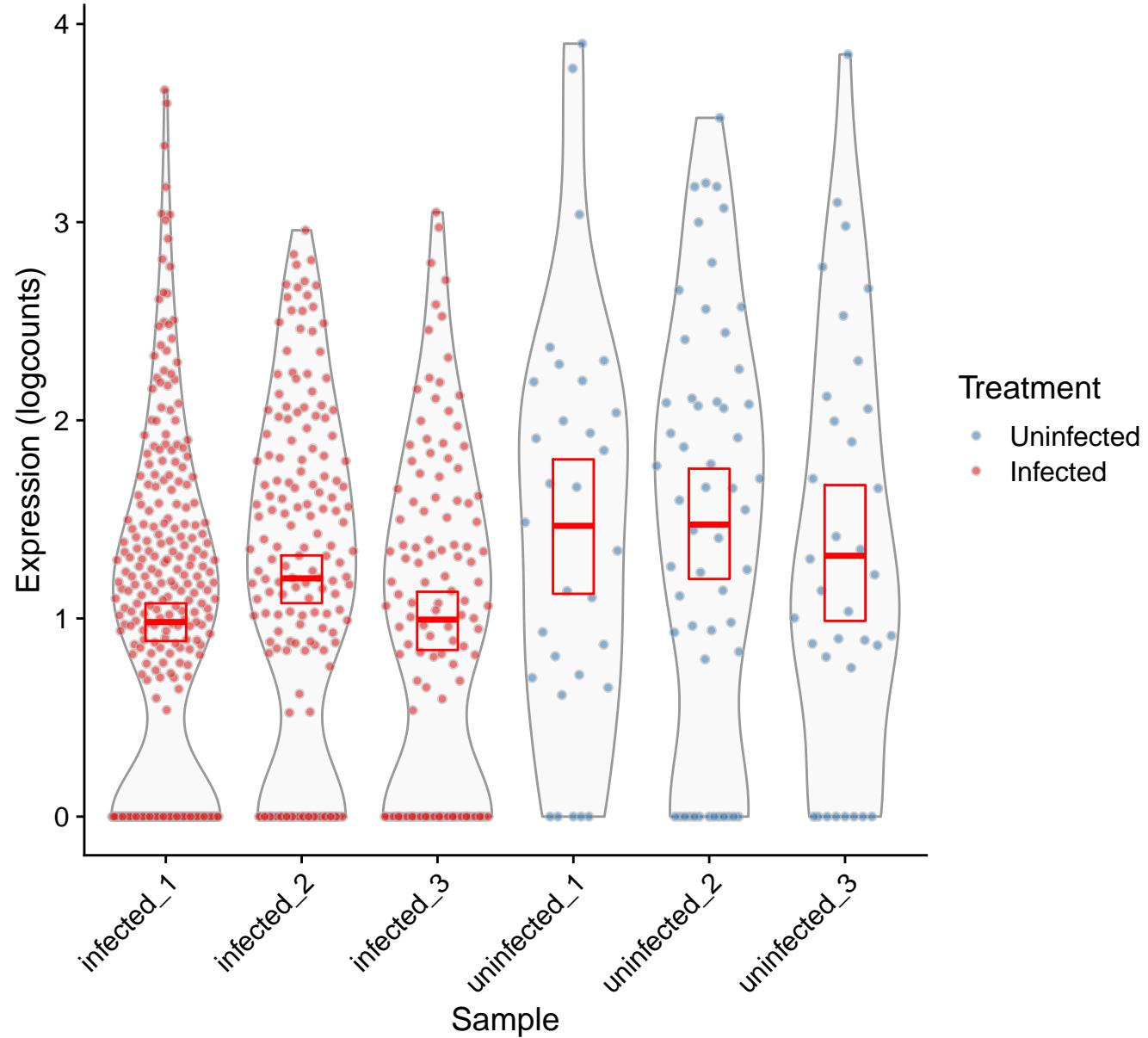
GAS7 (FDR = 1e-04)

cluster_1



TUBA1B (FDR = 1e-04)

cluster_1



BST2 (FDR = 1e-04)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

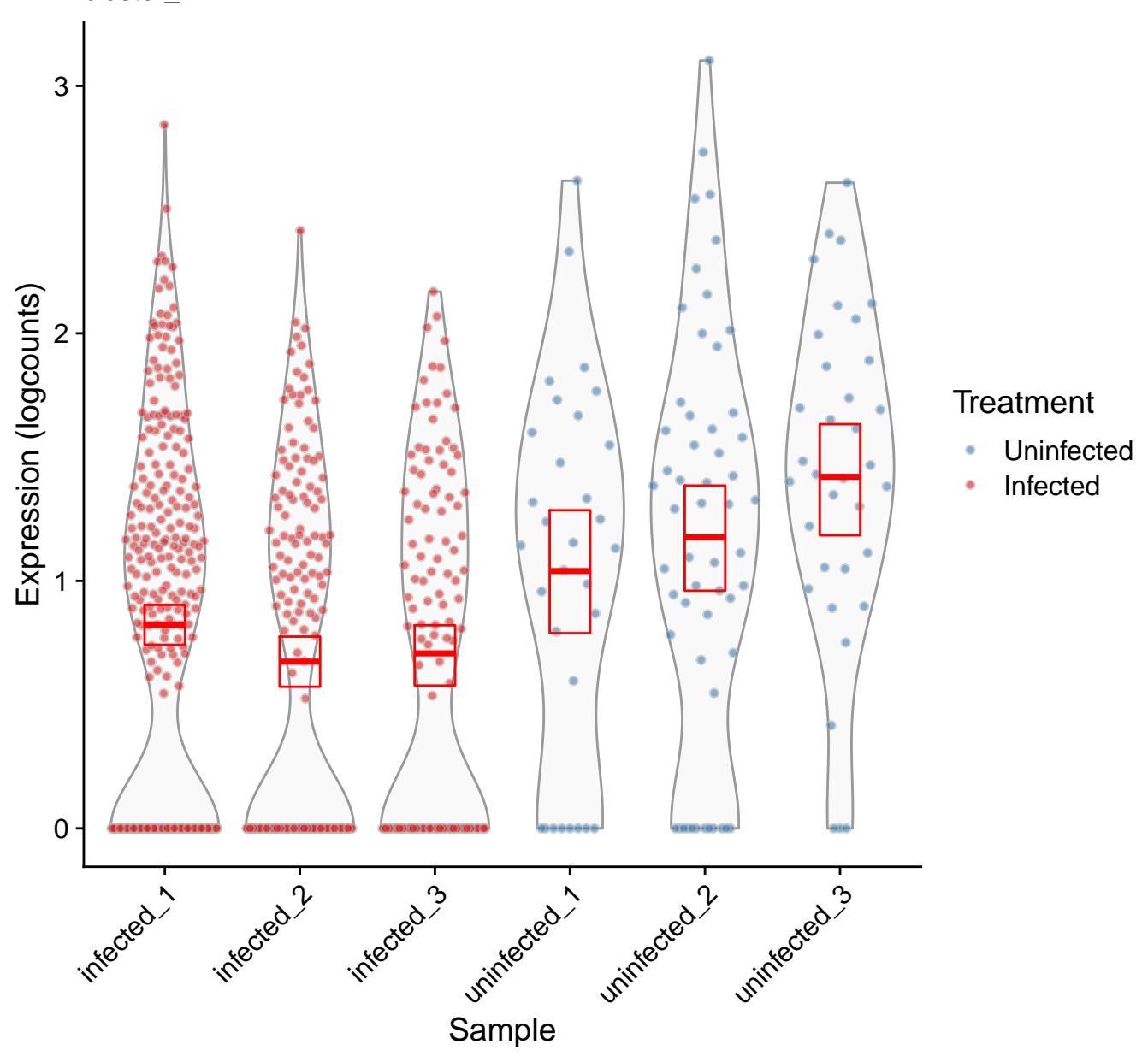
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



HMGB2 (FDR = 2e-04)

cluster_1

Expression (logcounts)

4

1

0

infected_1

infected_2

infected_3

uninfected_1

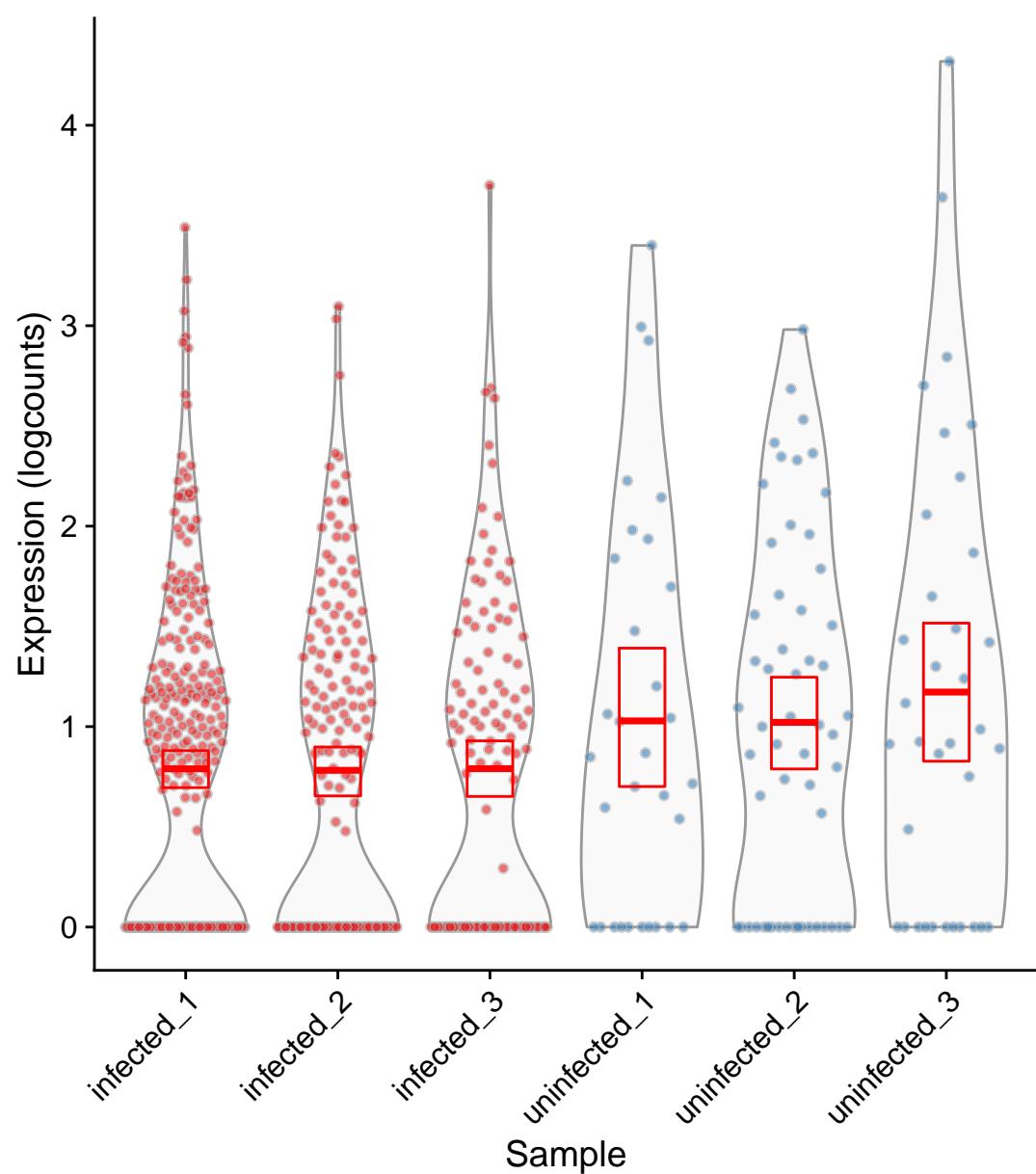
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



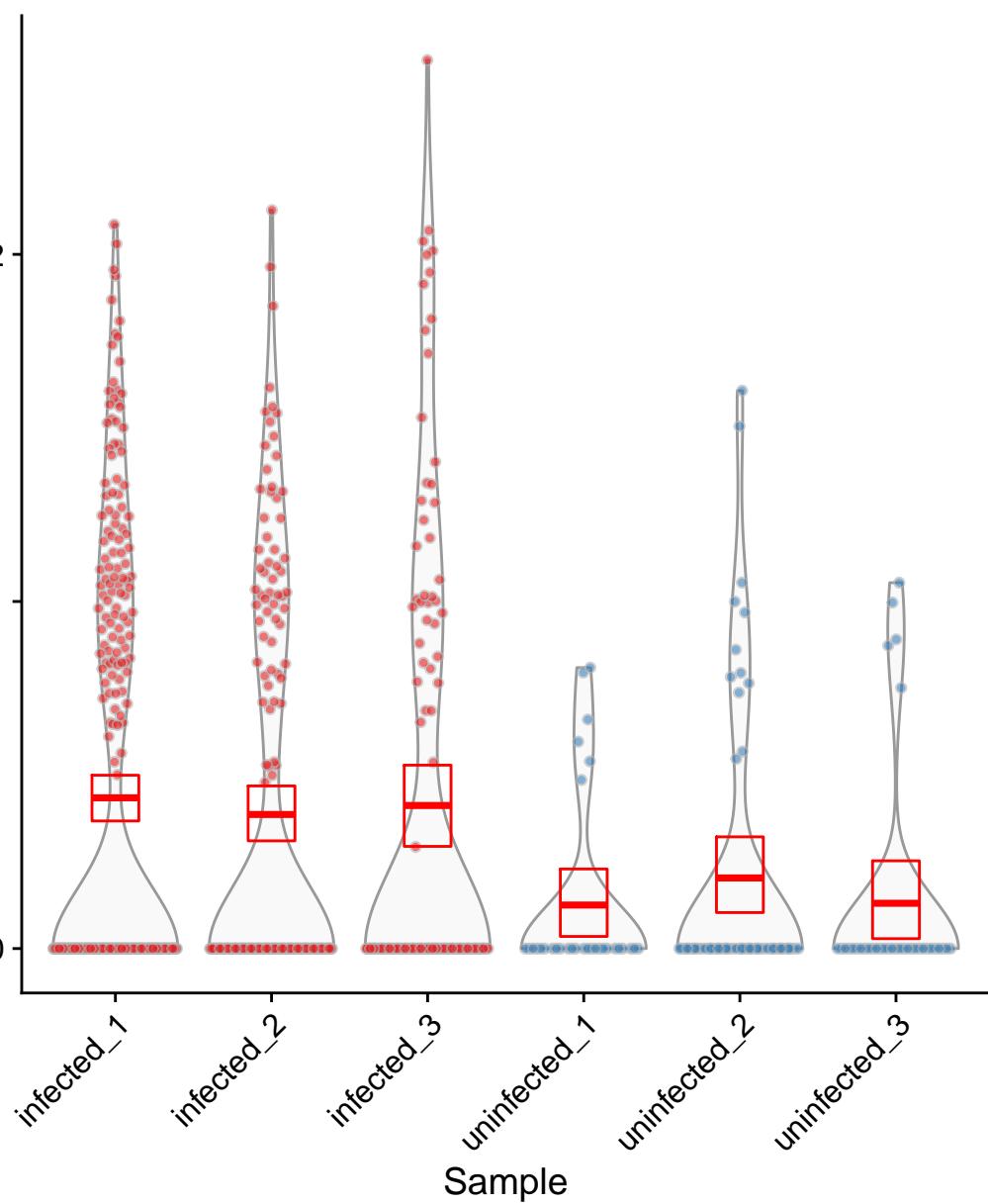
CHST7 (FDR = 2e-04)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



TROAP (FDR = 3e-04)

cluster_1

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

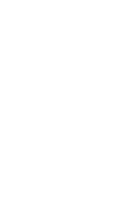
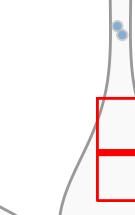
- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample



SELL (FDR = 5e-04)

cluster_1

Expression (logcounts)

4

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

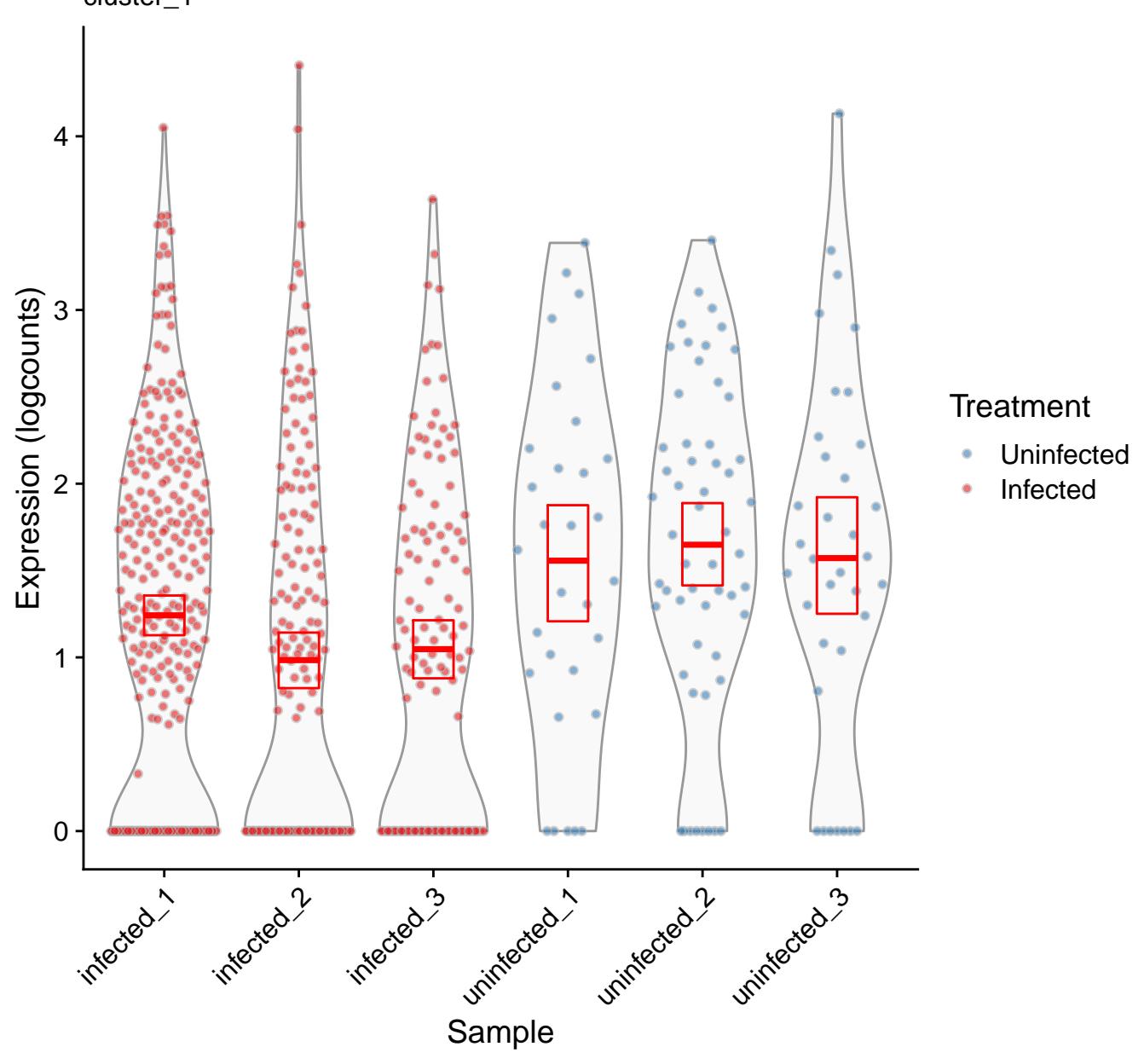
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



ARHGAP15 (FDR = 5e-04)

cluster_1

Expression (logcounts)

3

2

1

infected_1

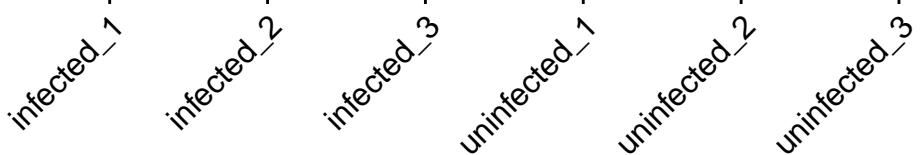
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



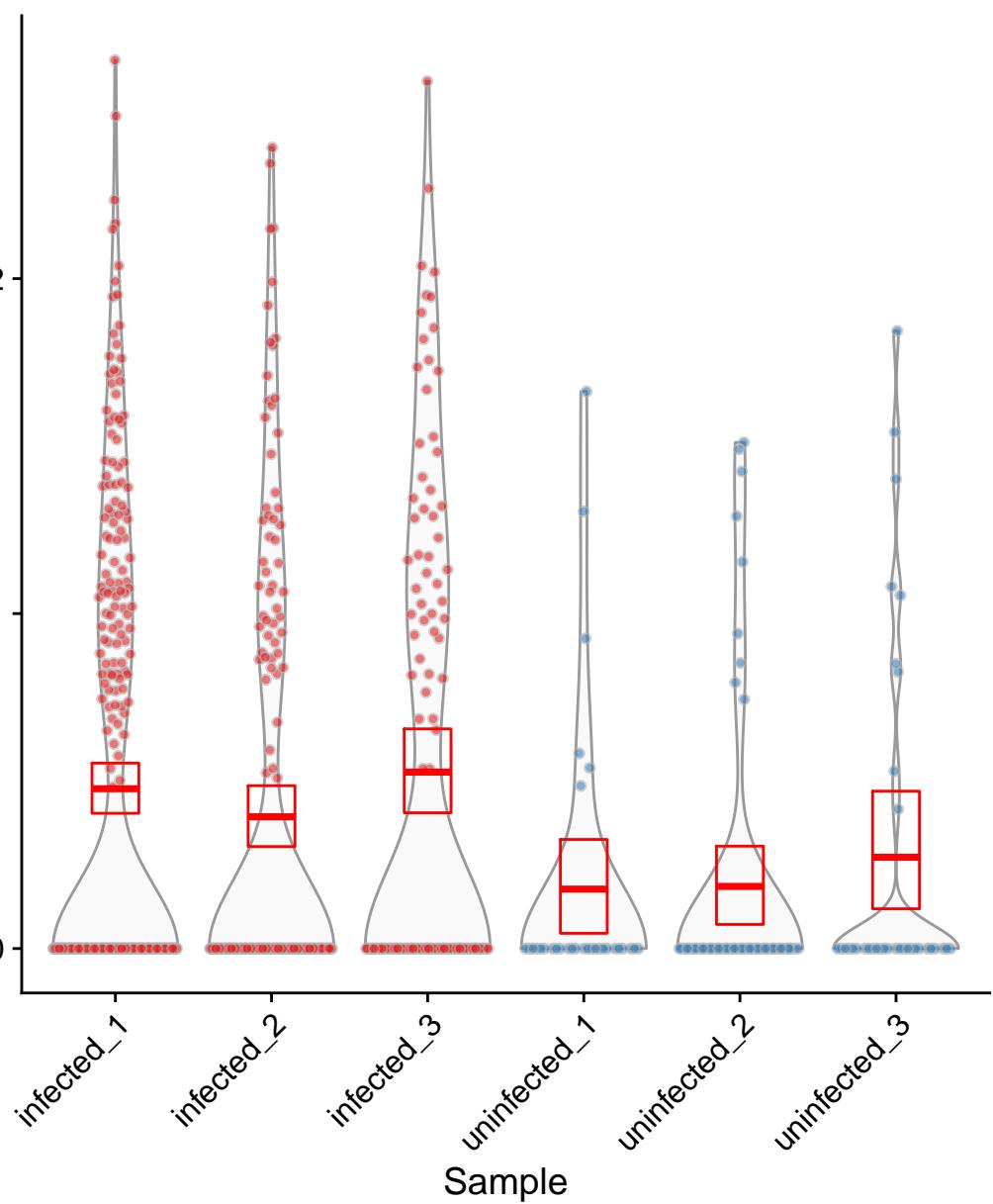
FLOT1 (FDR = 5e-04)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



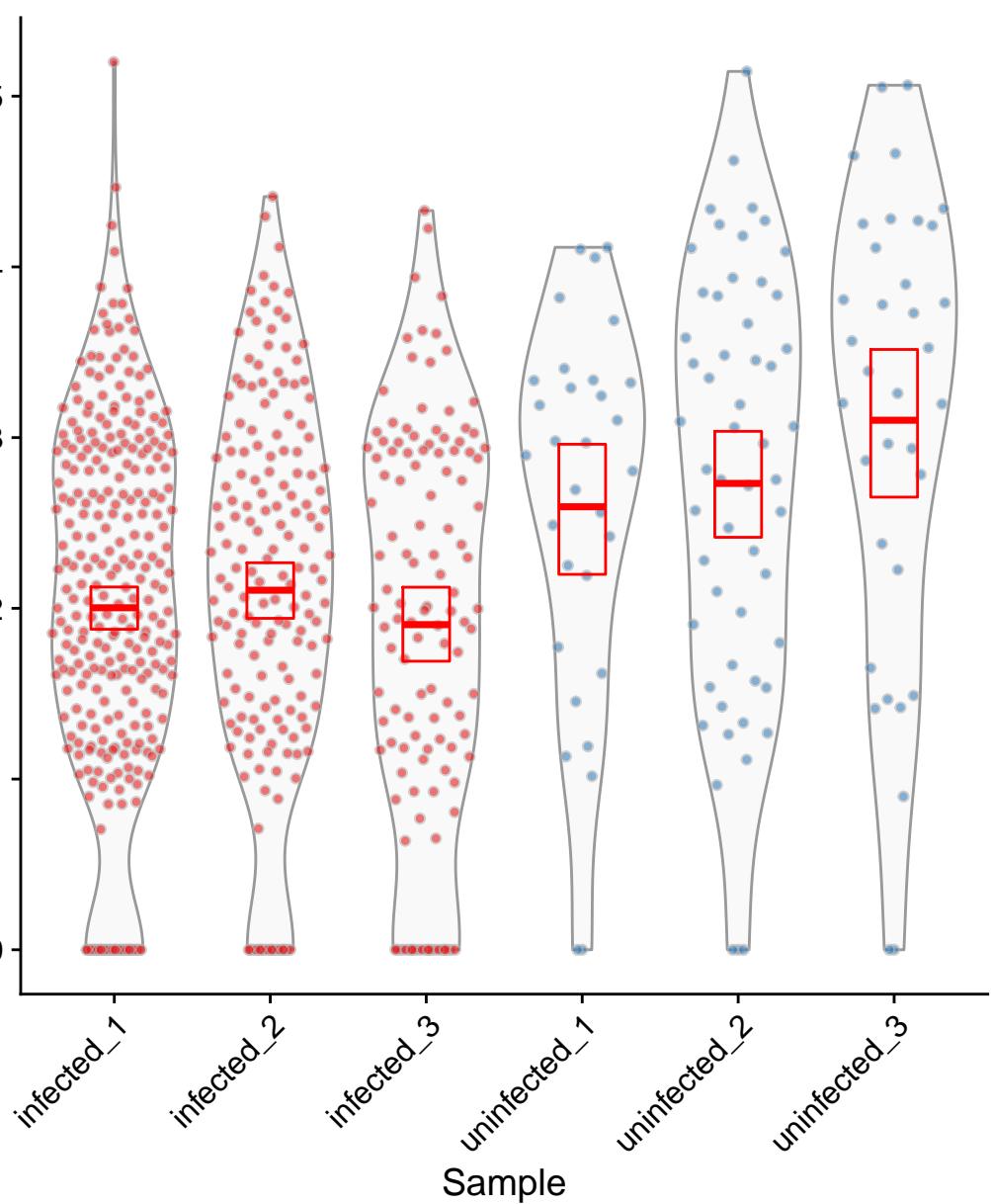
LMNA (FDR = 6e-04)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



ITGB7 (FDR = 6e-04)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

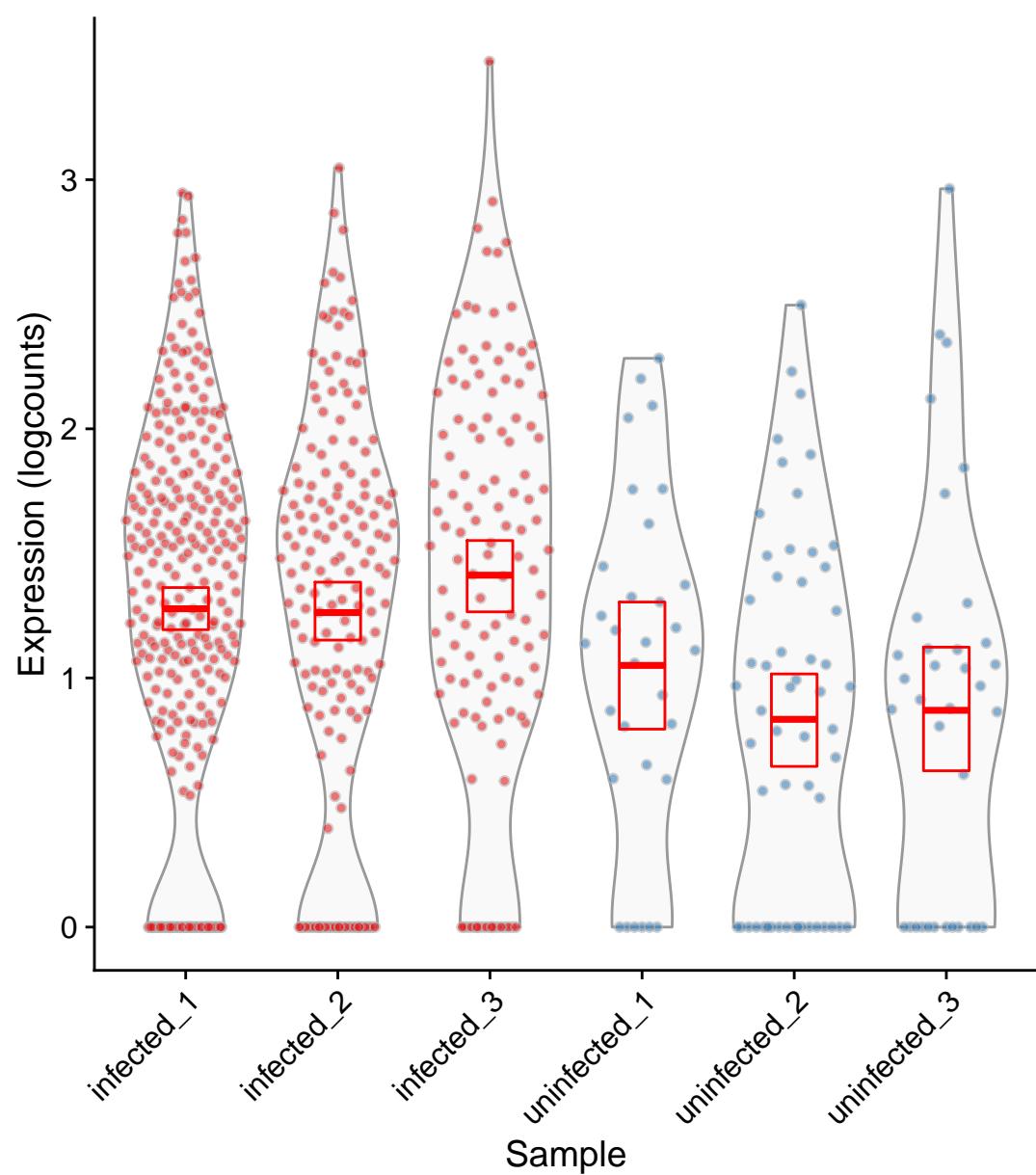
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



RARRES3 (FDR = 6e-04)

cluster_1

Expression (logcounts)

3

2

1

infected_1

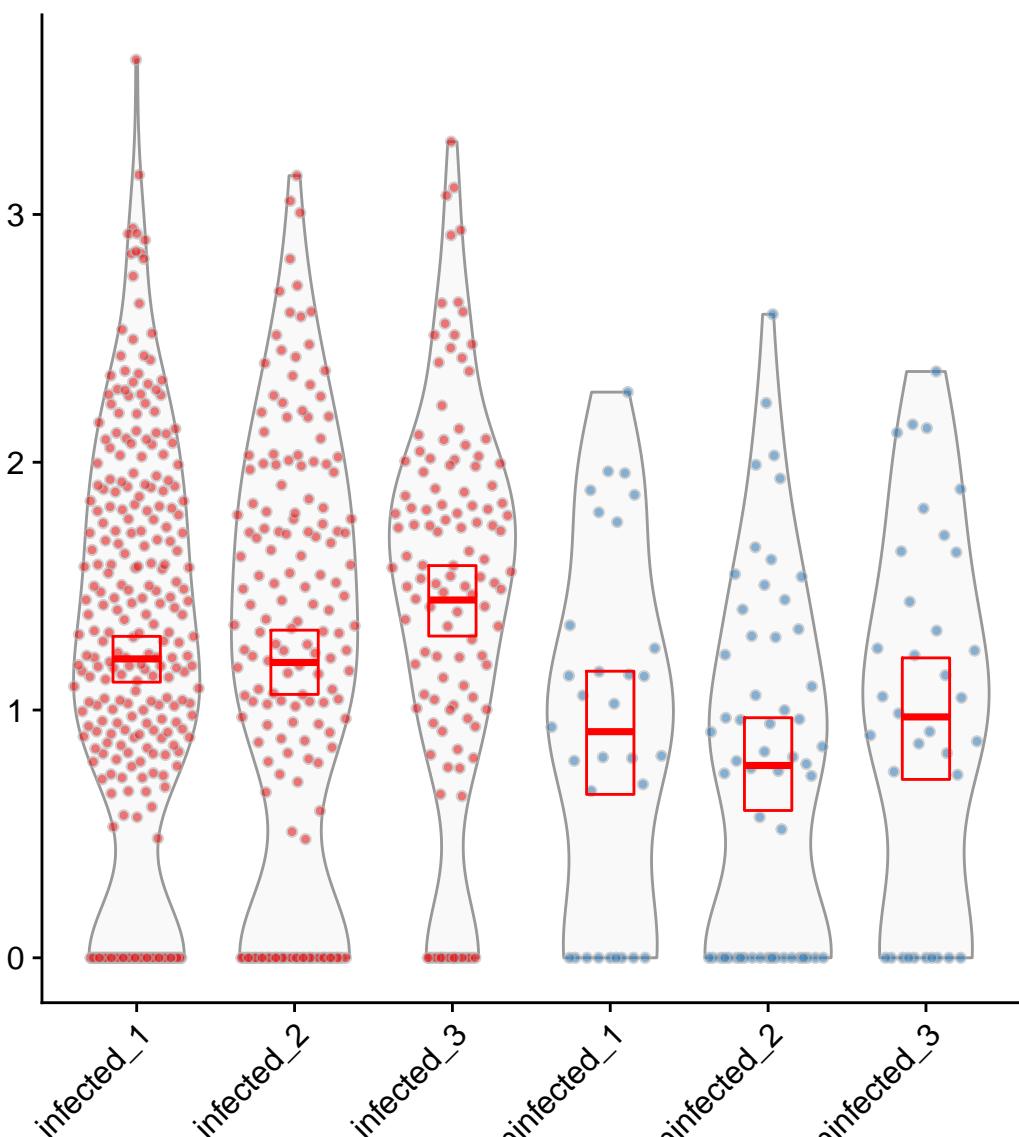
infected_2

infected_3

Sample

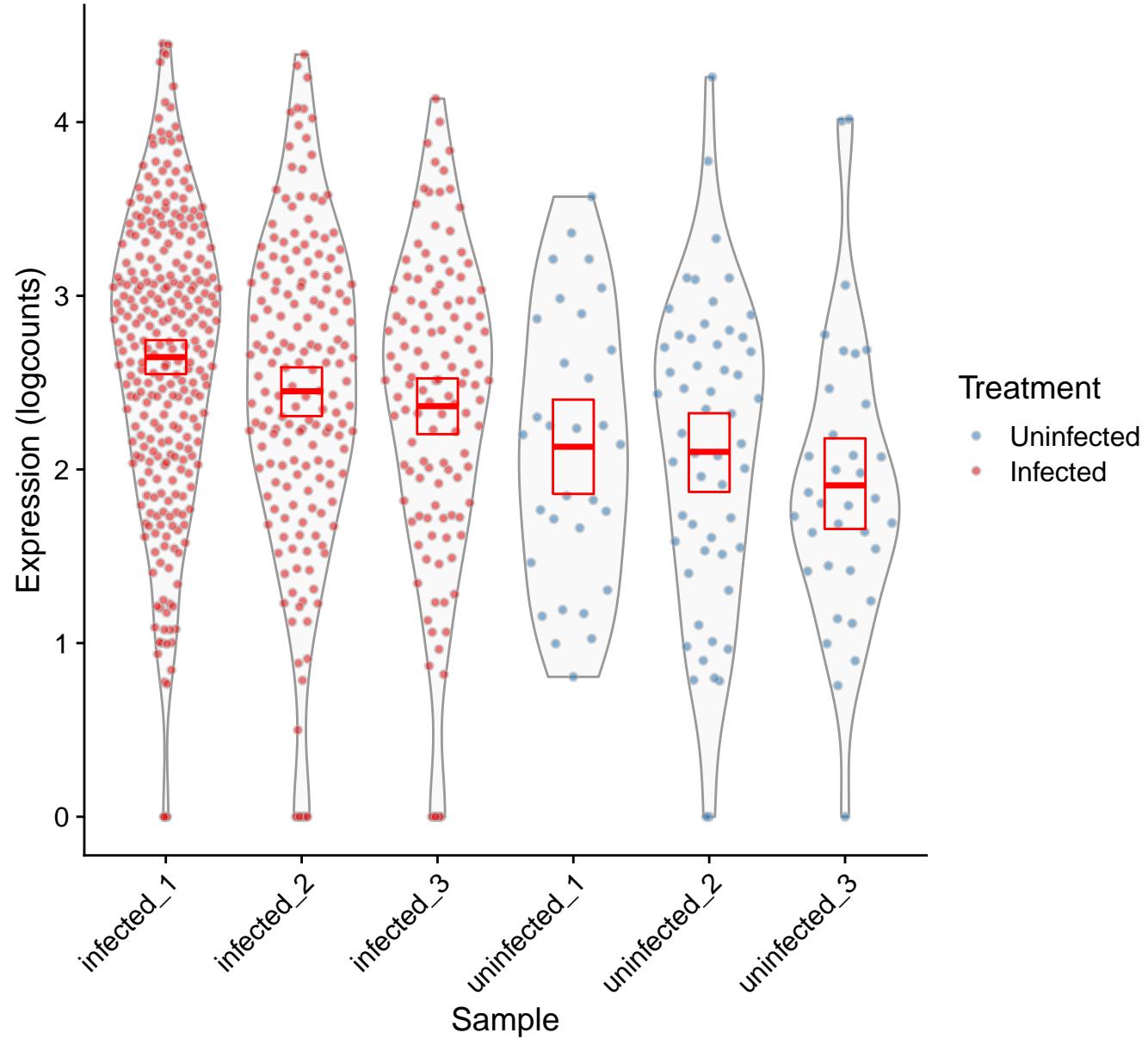
Treatment

- Uninfected
- Infected



FTL (FDR = 6e-04)

cluster_1



MAF (FDR = 7e-04)

cluster_1

Expression (logcounts)

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

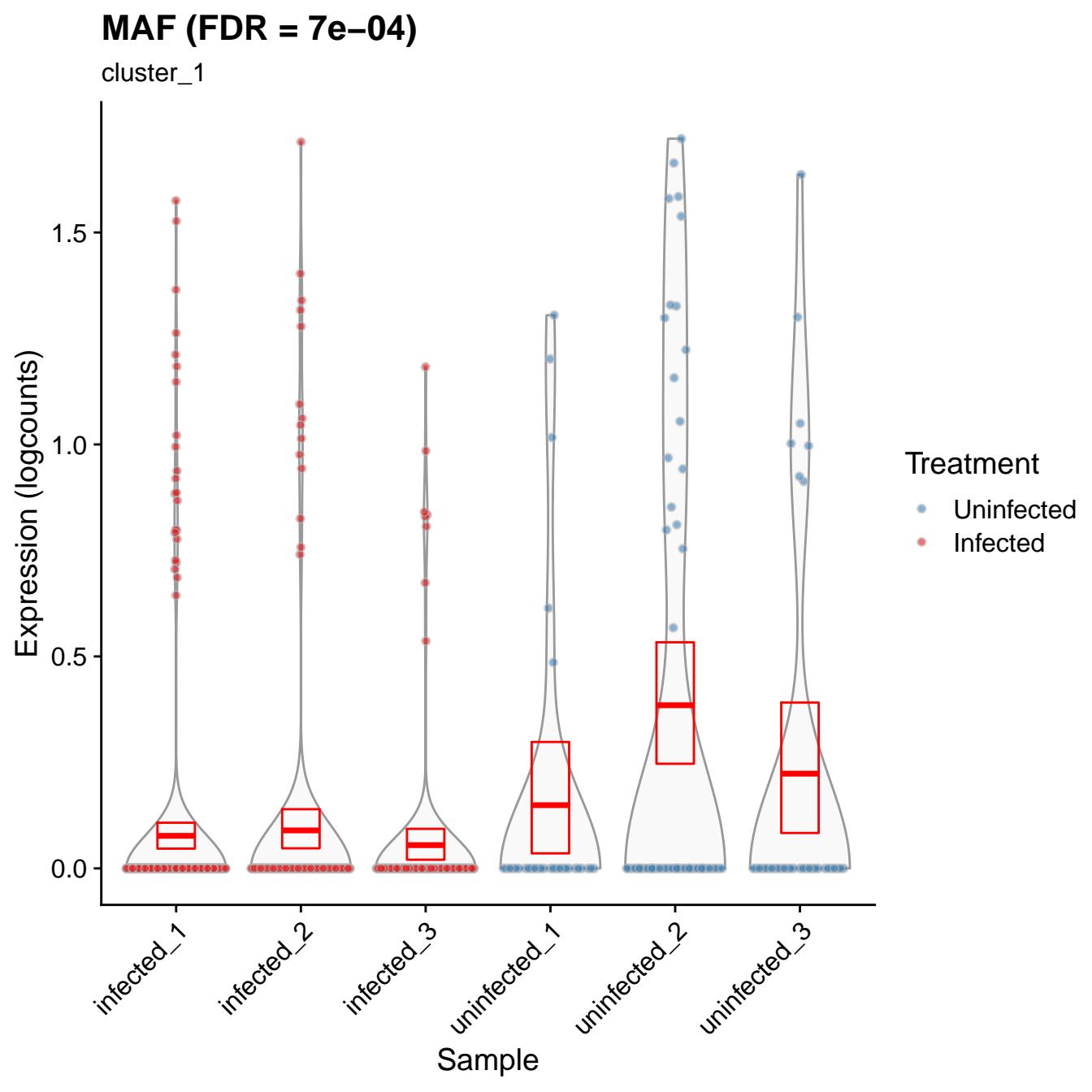
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



C12orf75 (FDR = 7e-04)

cluster_1

Expression (logcounts)

3

2

0

infected_1

infected_2

infected_3

uninfected_1

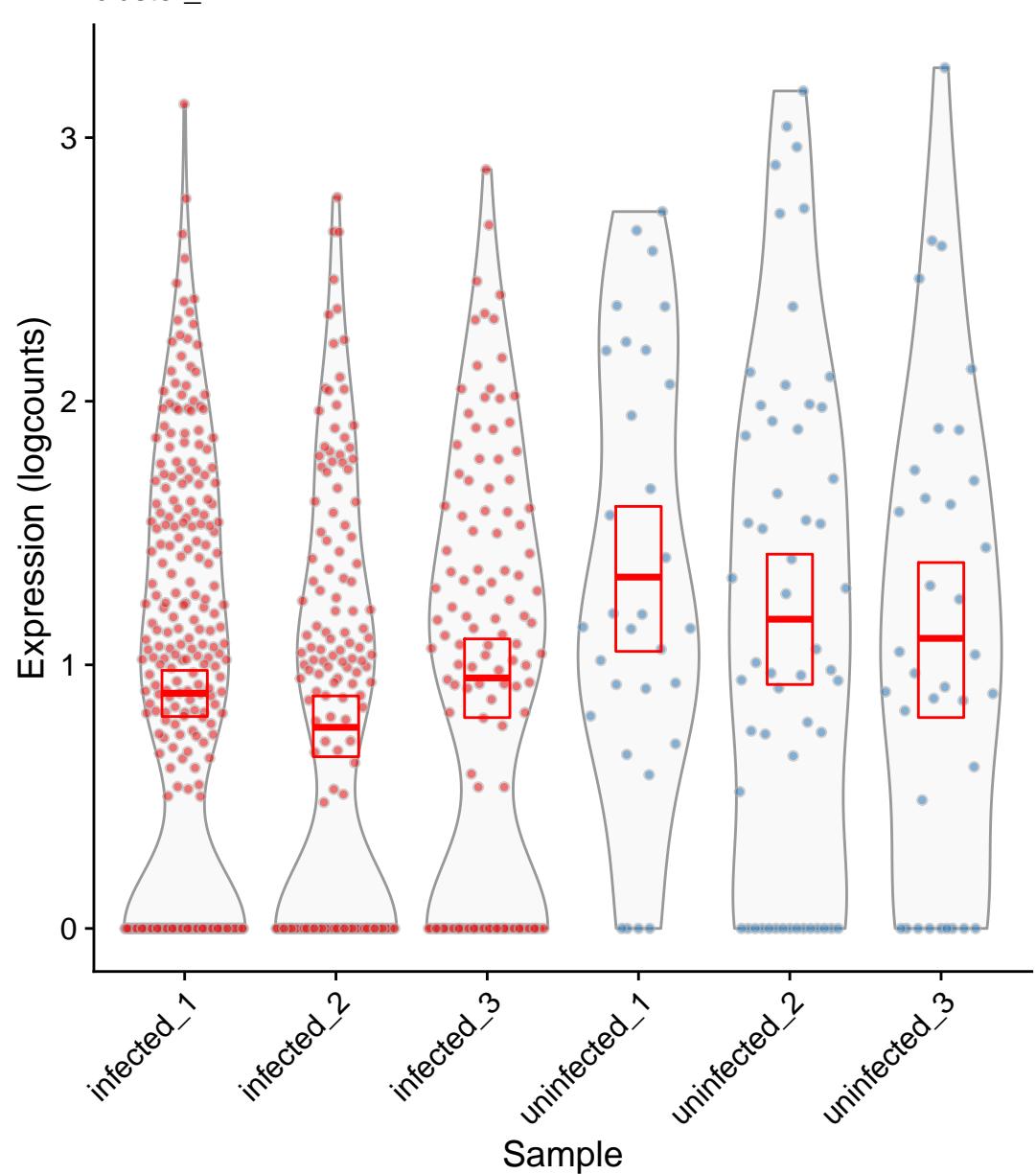
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



RASGRP4 (FDR = 8e-04)

cluster_1

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

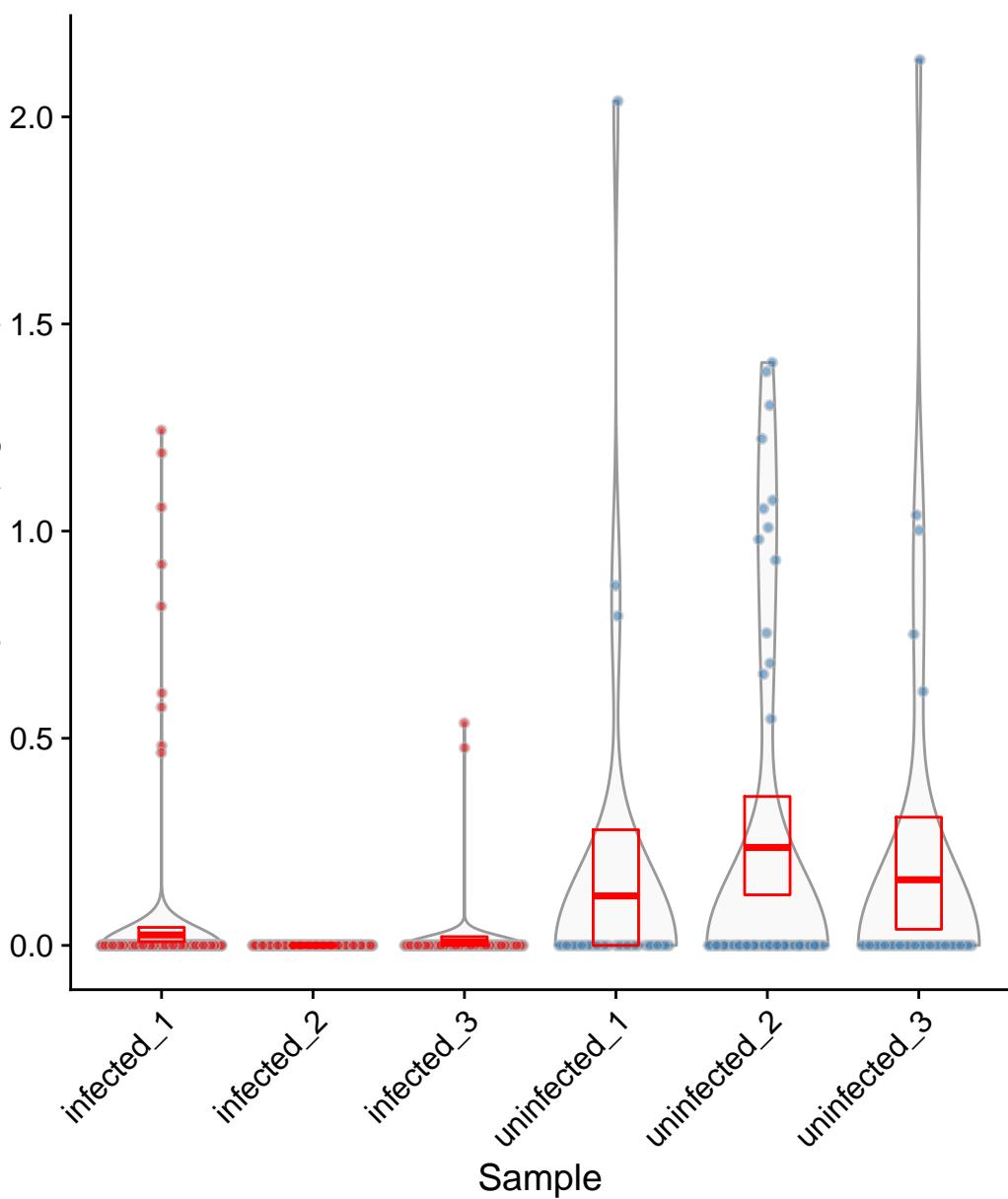
- Uninfected
- Infected

infected_1

infected_2

infected_3

Sample



AHNAK (FDR = 8e-04)

cluster_1

Expression (logcounts)

6

4

2

0

infected_1

infected_2

infected_3

uninfected_1

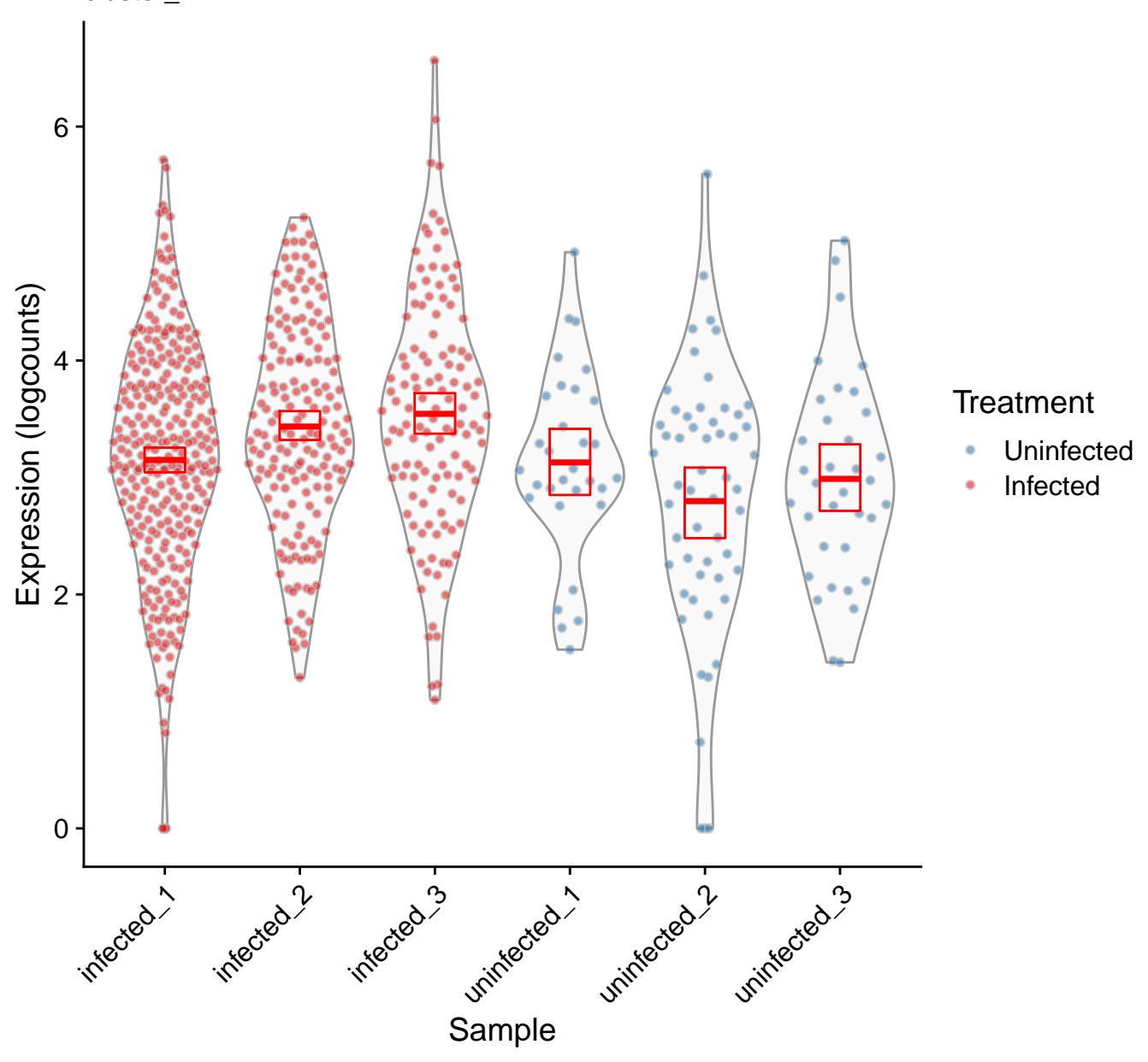
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



LIMS1 (FDR = 9e-04)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

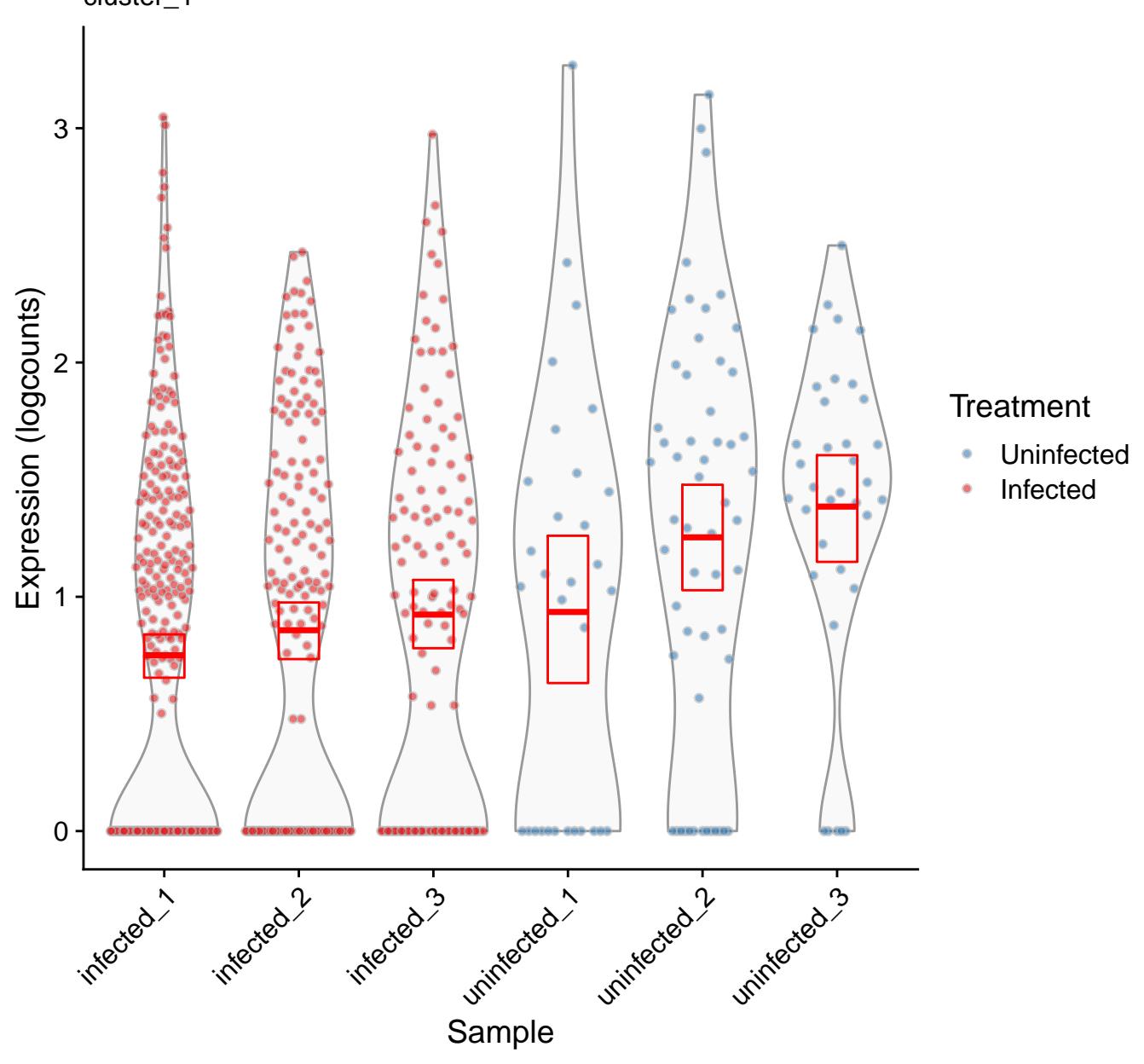
uninfected_2

uninfected_3

Sample

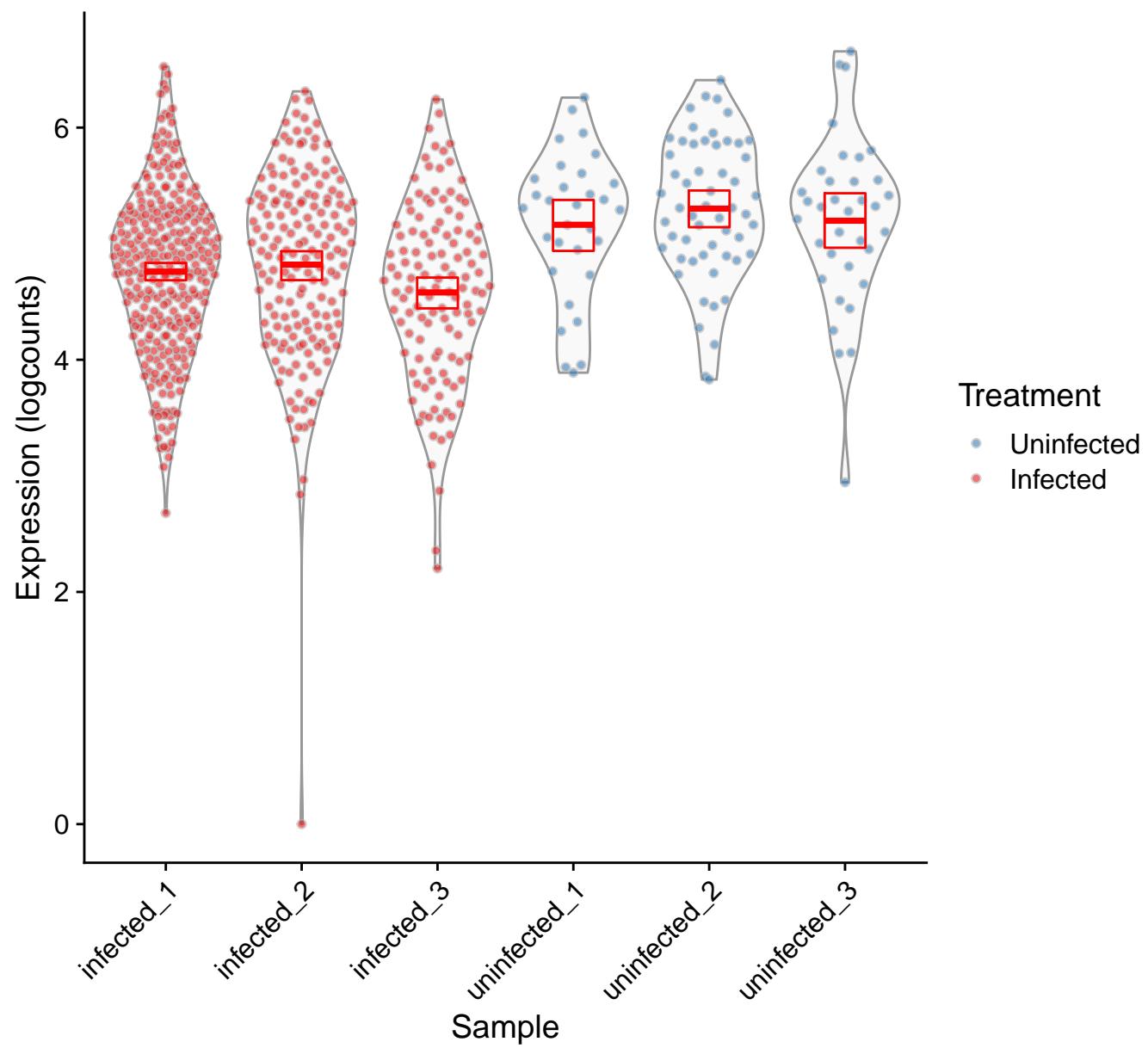
Treatment

- Uninfected
- Infected



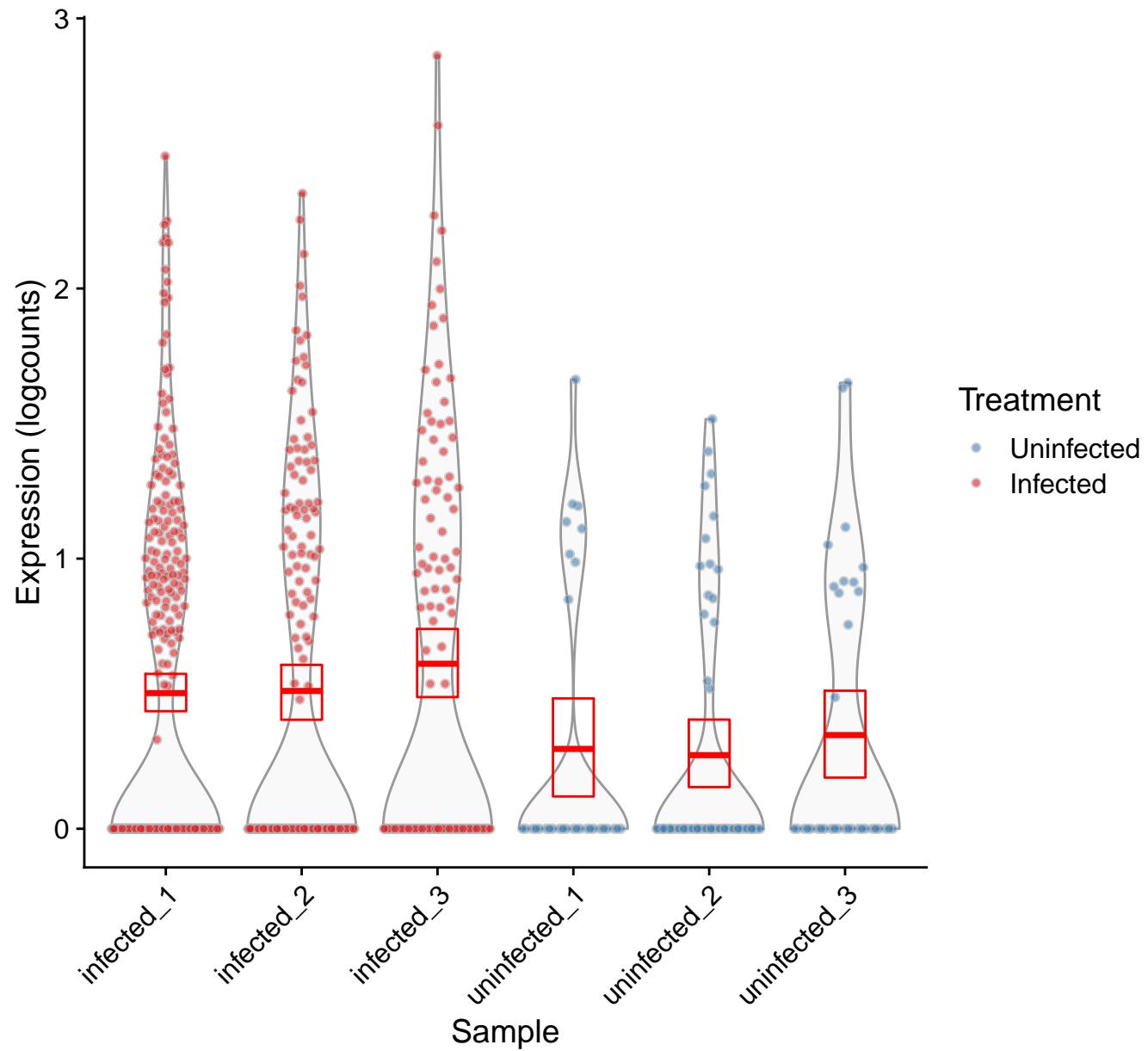
VIM (FDR = 9e-04)

cluster_1



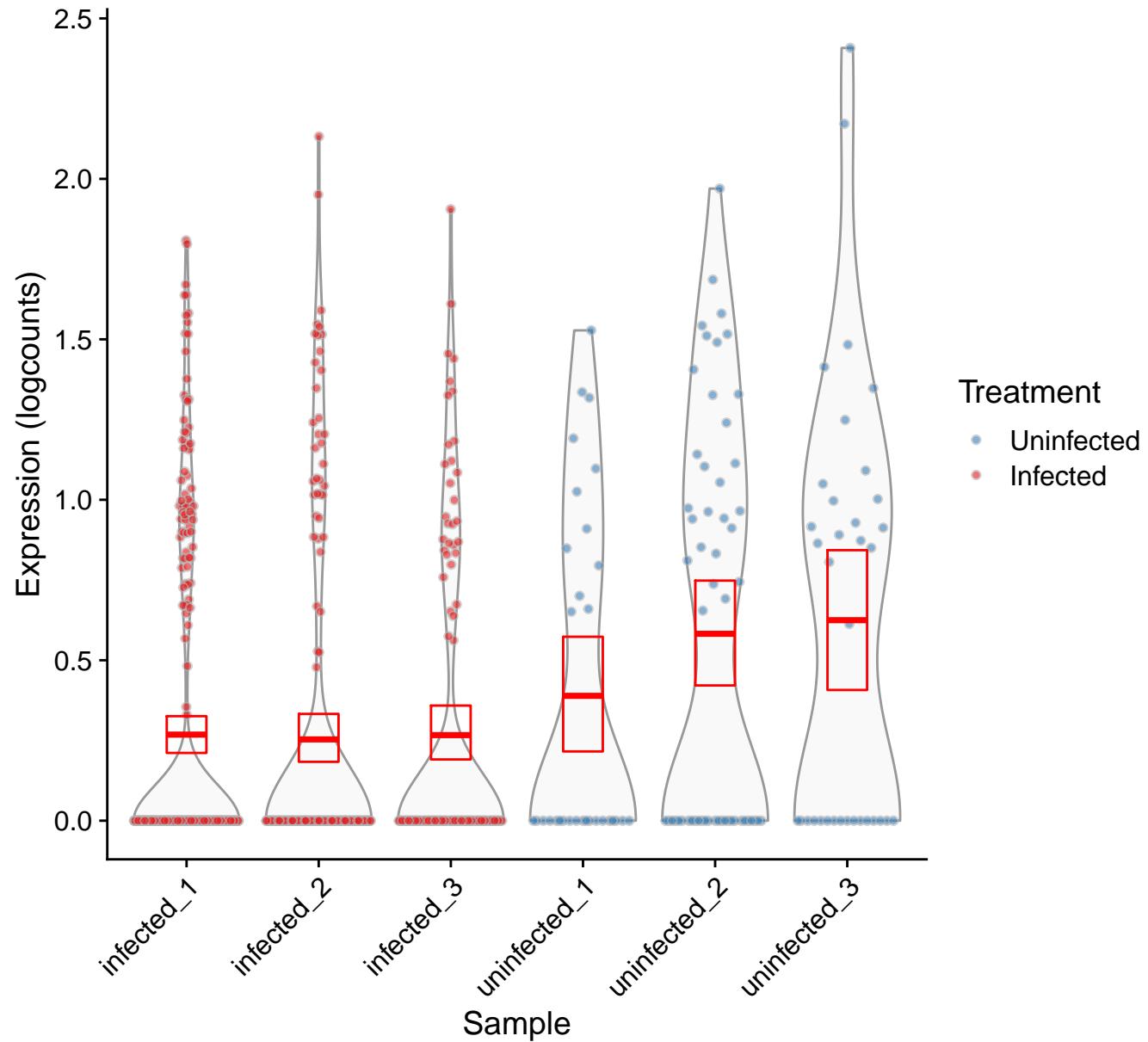
DDHD1 (FDR = 0.001)

cluster_1



PHF19 (FDR = 0.001)

cluster_1



NSMCE1 (FDR = 0.001)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

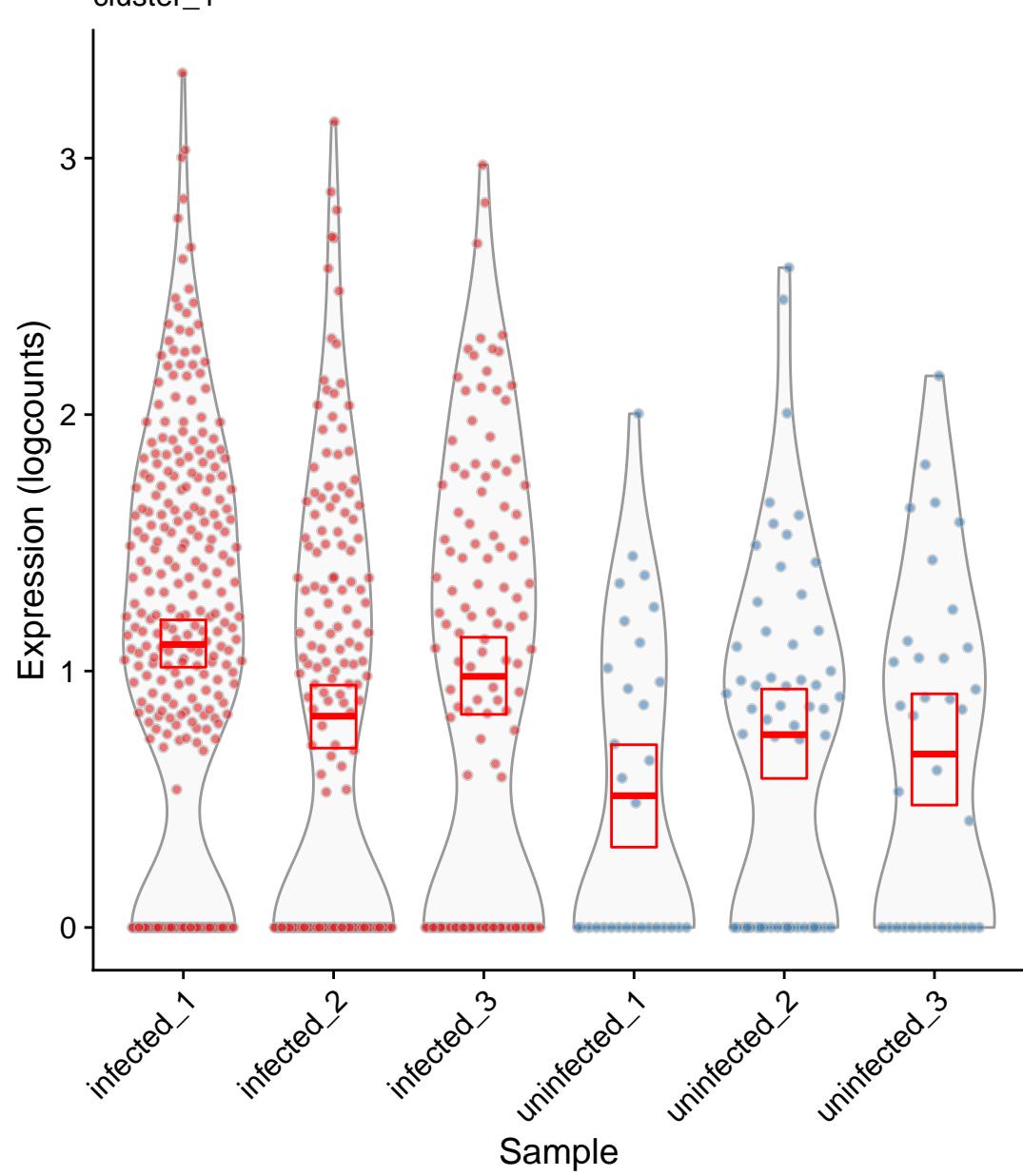
uninfected_2

uninfected_3

Sample

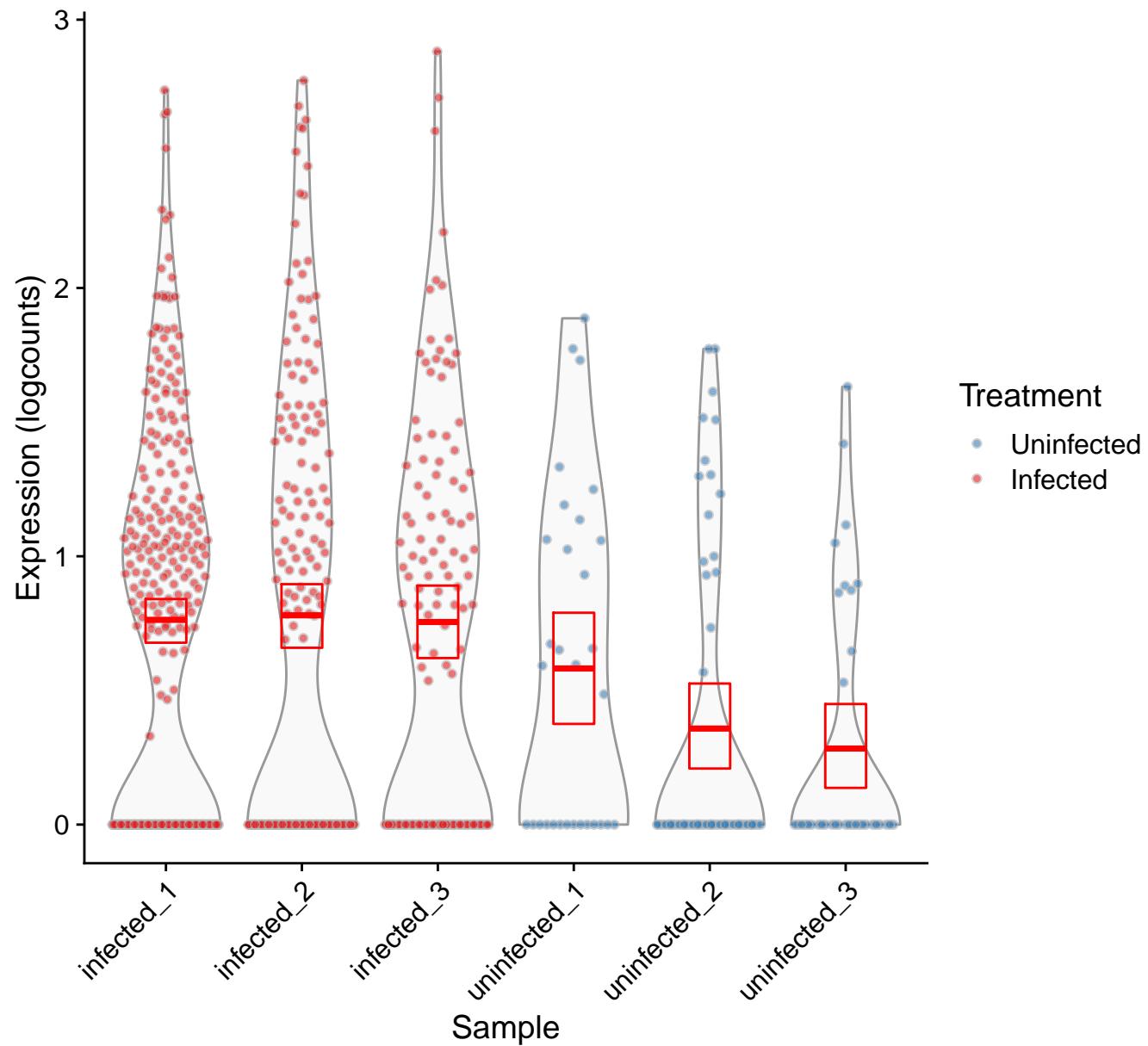
Treatment

- Uninfected
- Infected



ADAM8 (FDR = 0.001)

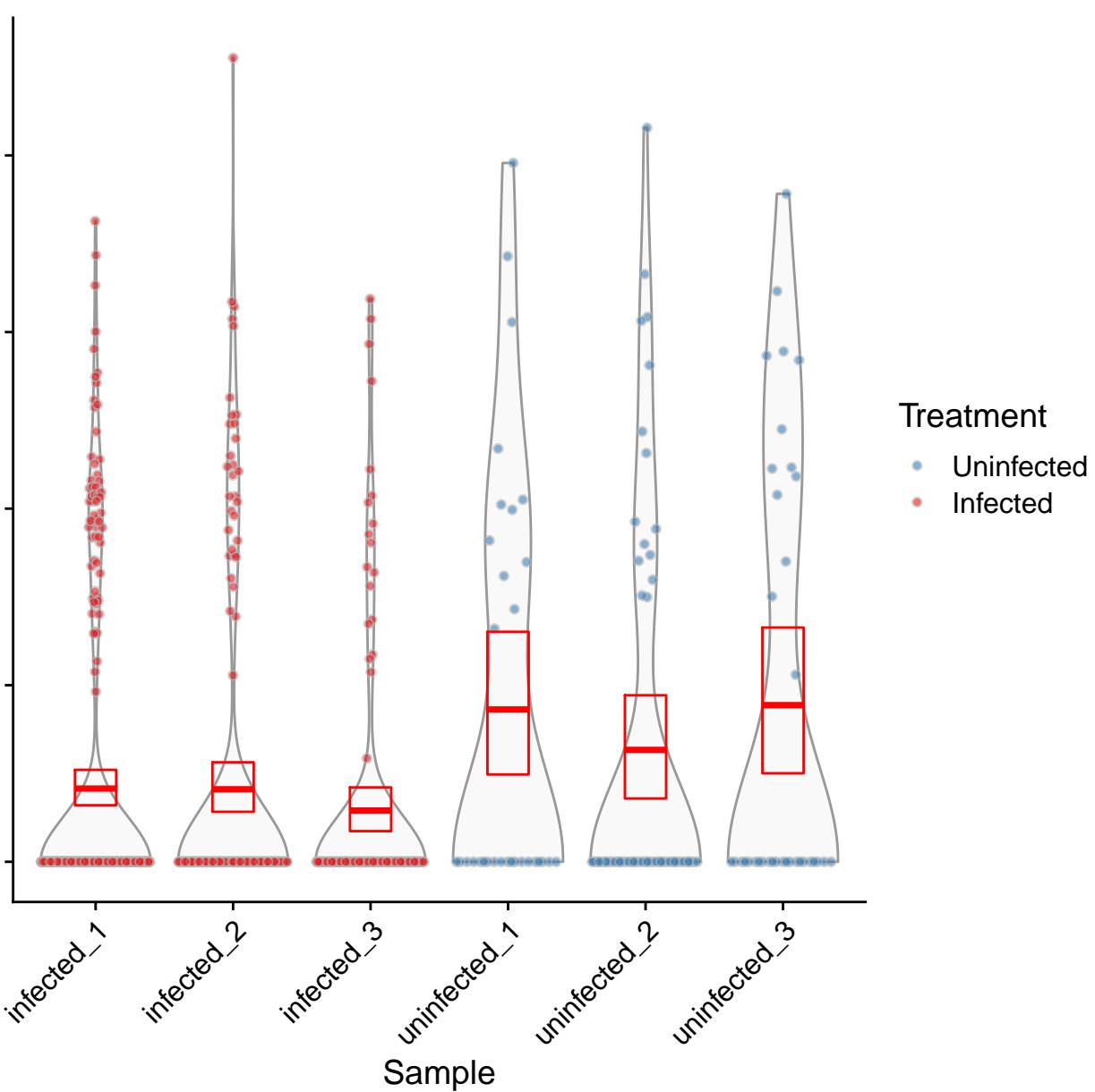
cluster_1



NUDT1 (FDR = 0.001)

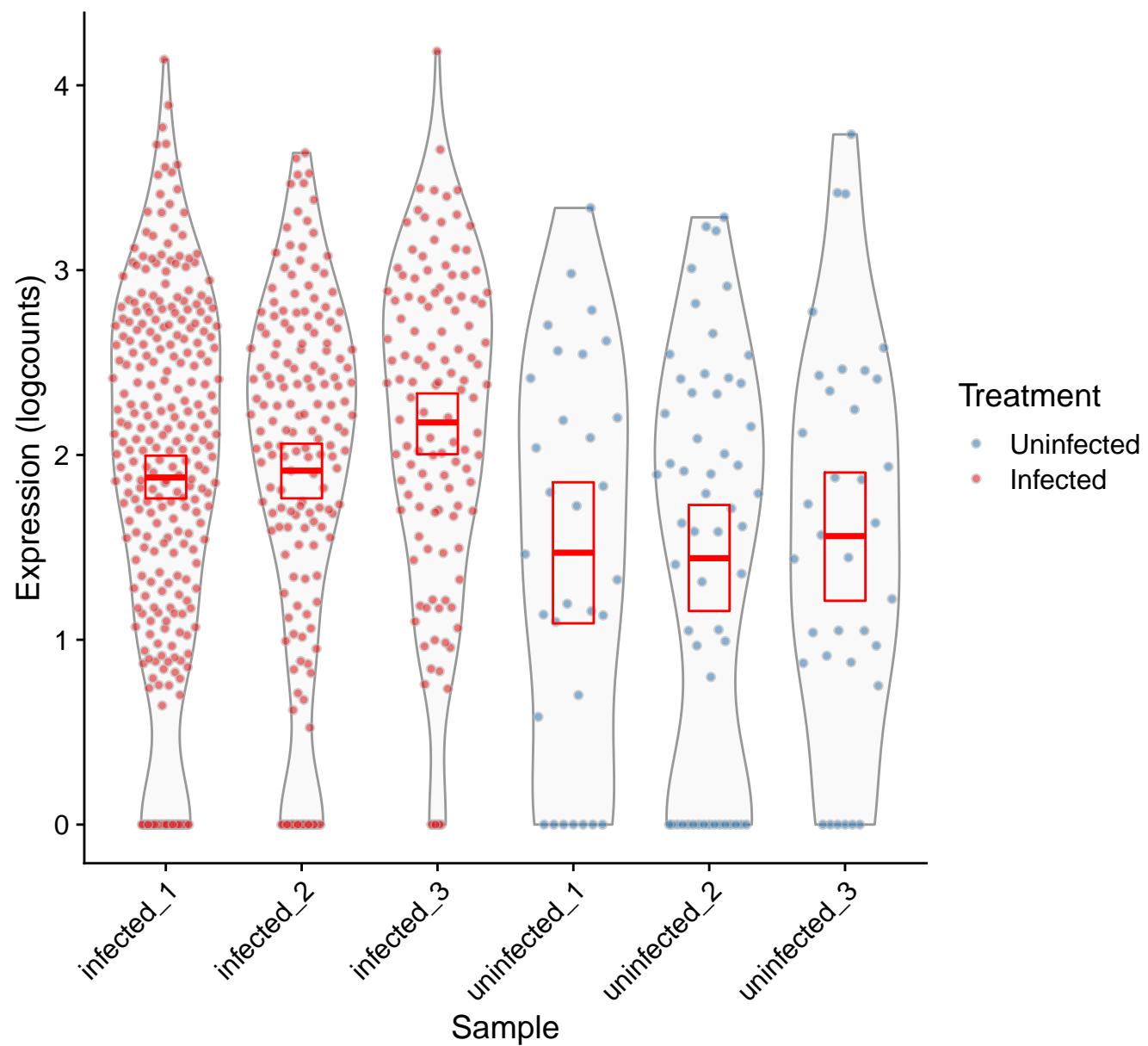
cluster_1

Expression (logcounts)



CXCR3 (FDR = 0.002)

cluster_1



TOX (FDR = 0.002)

cluster_1

Expression (logcounts)

2

1

0

infected_1

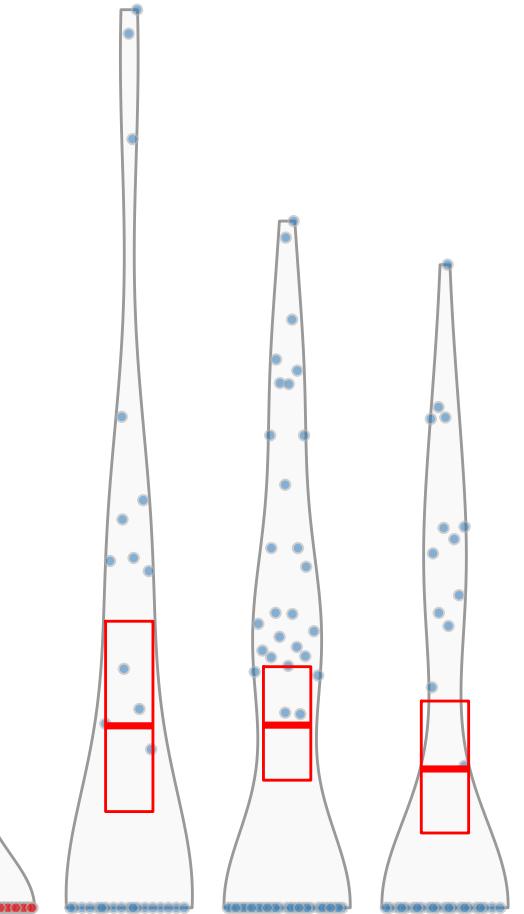
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



INPP4B (FDR = 0.002)

cluster_1

Expression (logcounts)

2

1

0

infected_1

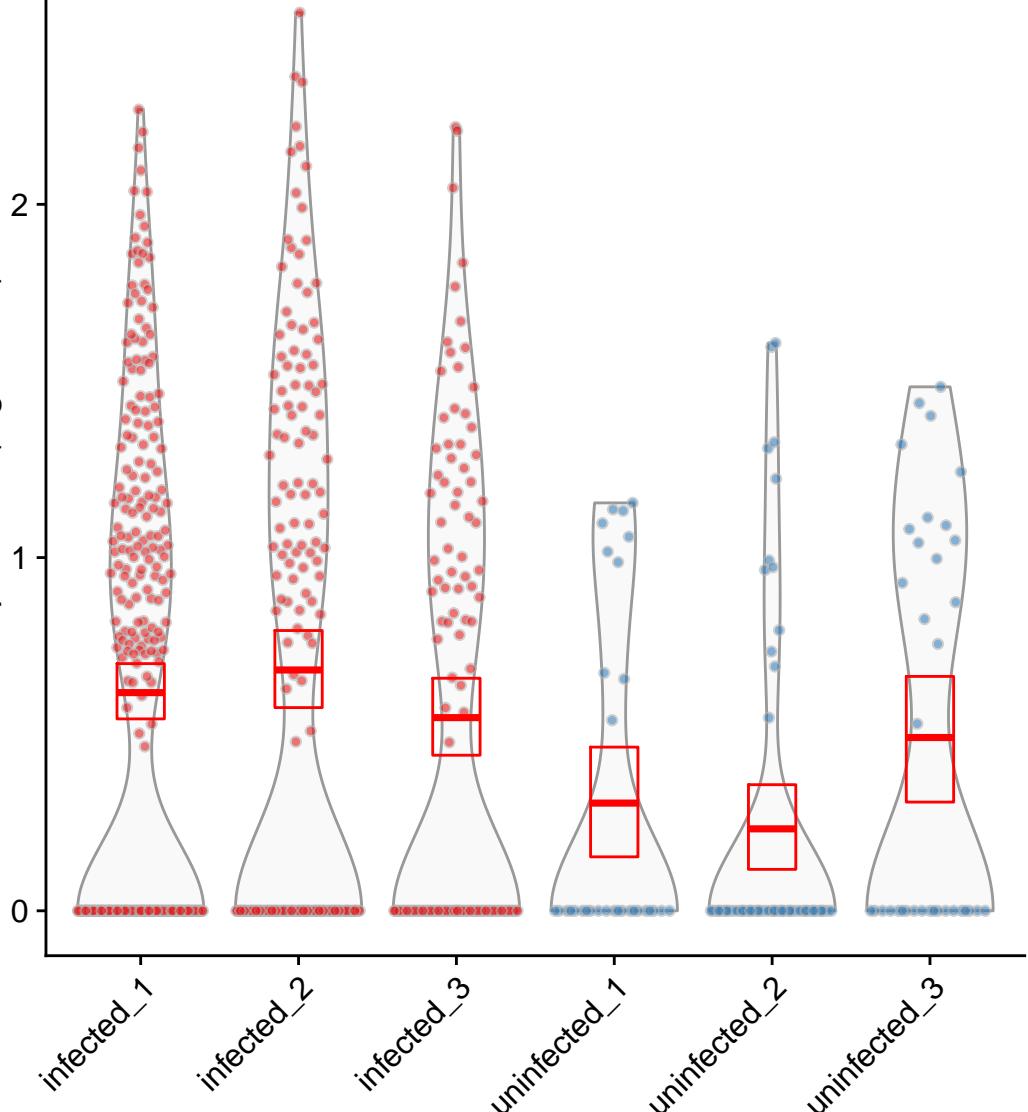
infected_2

infected_3

Sample

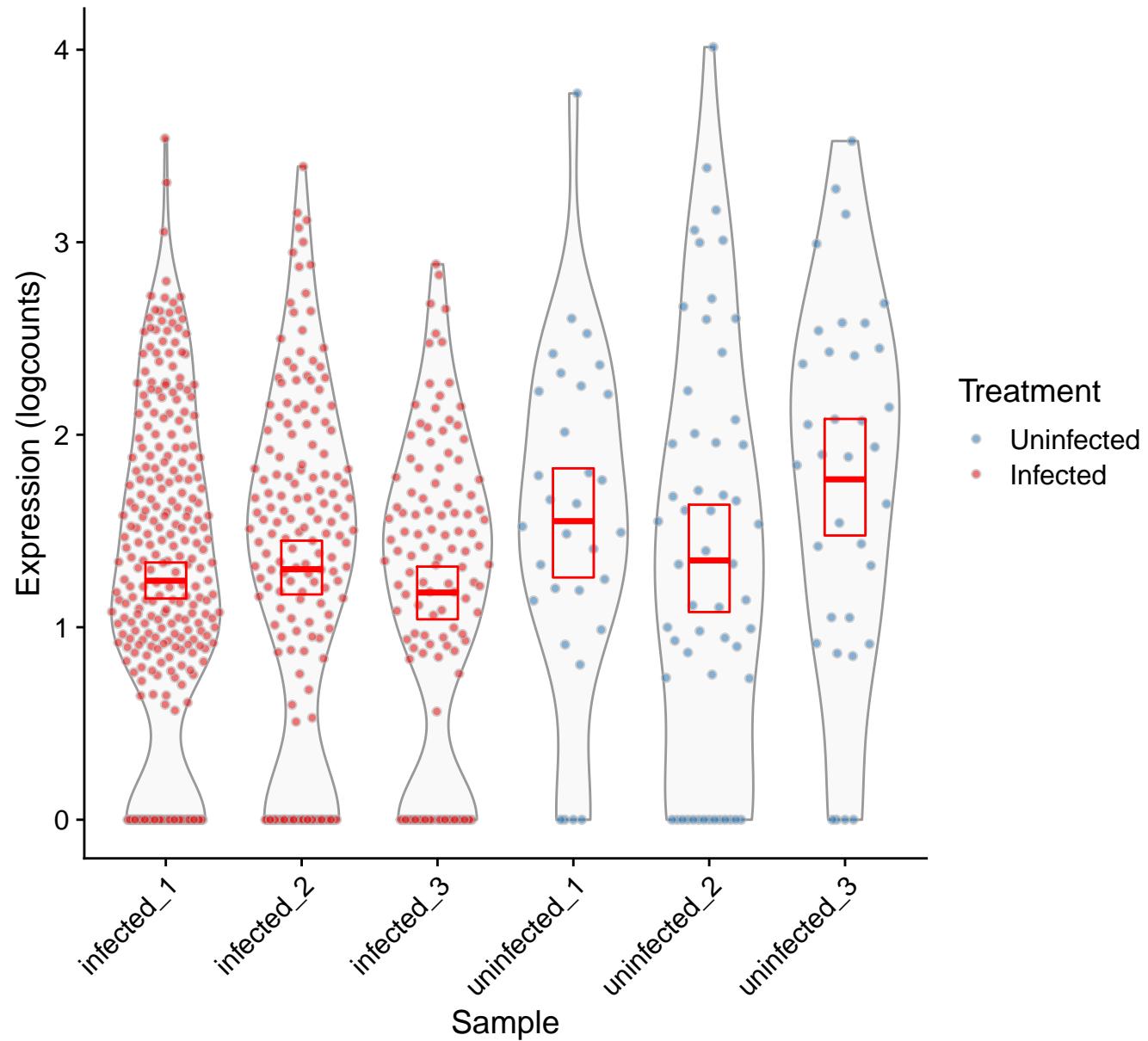
Treatment

- Uninfected
- Infected



ISG15 (FDR = 0.002)

cluster_1



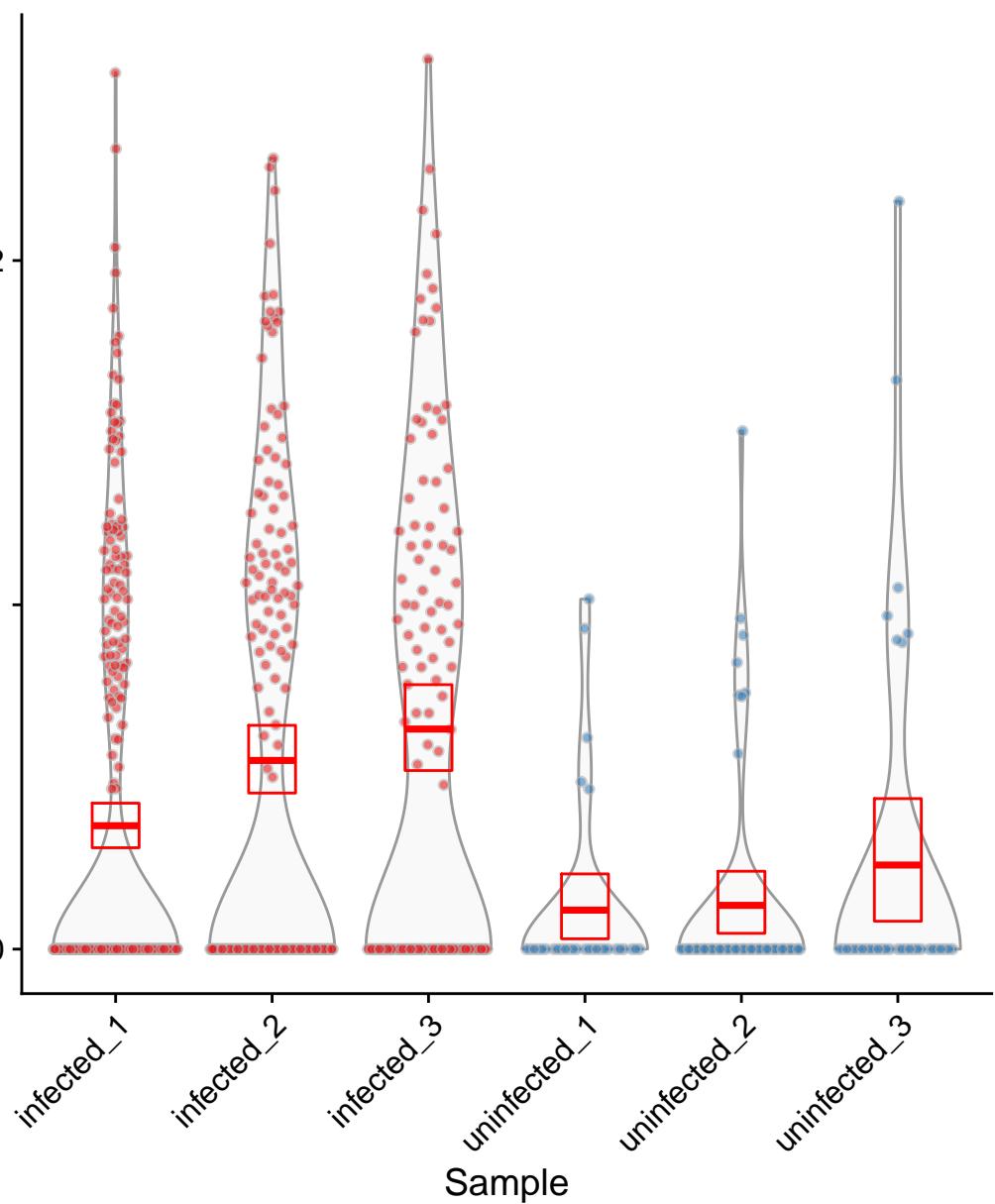
CYB561 (FDR = 0.002)

cluster_1

Expression (logcounts)

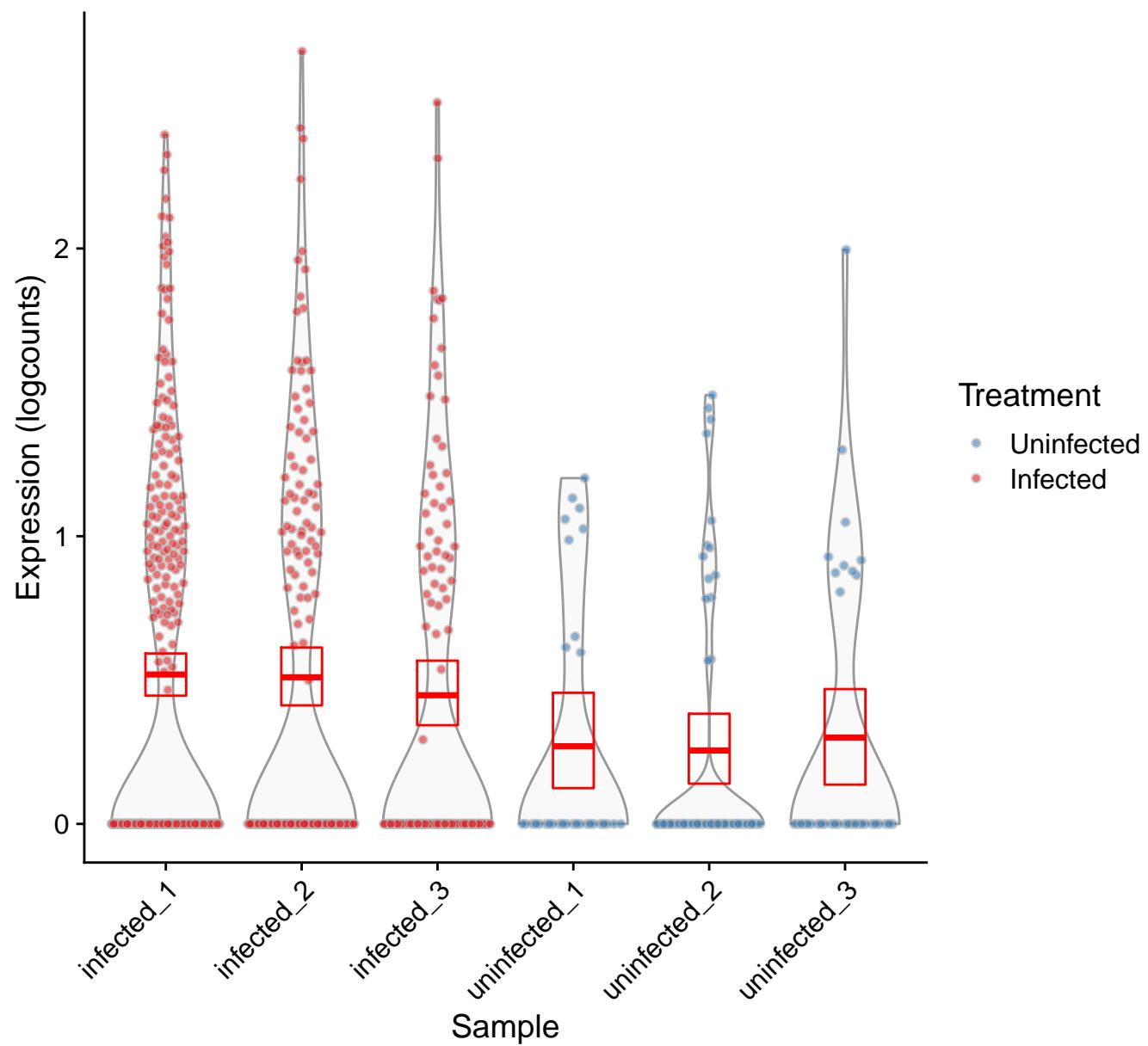
Treatment

- Uninfected
- Infected



XBP1 (FDR = 0.002)

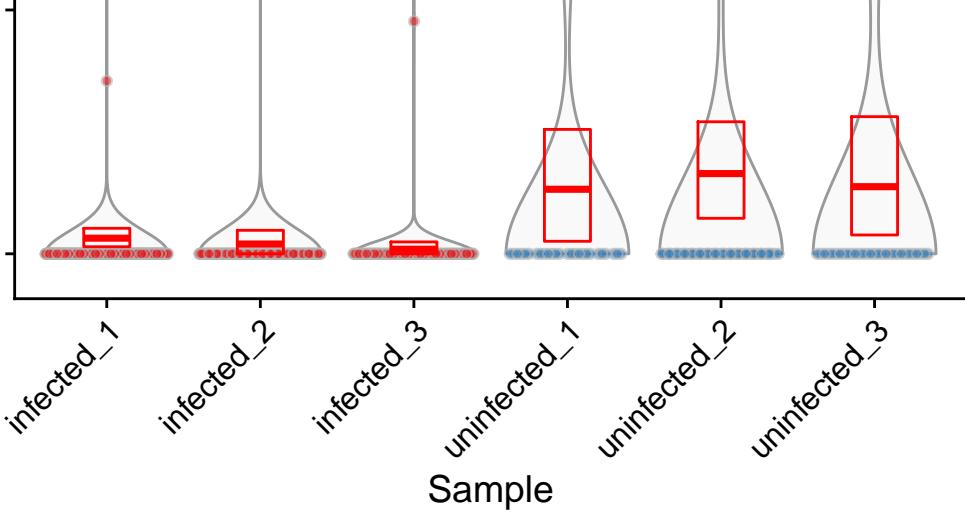
cluster_1



CENPW (FDR = 0.003)

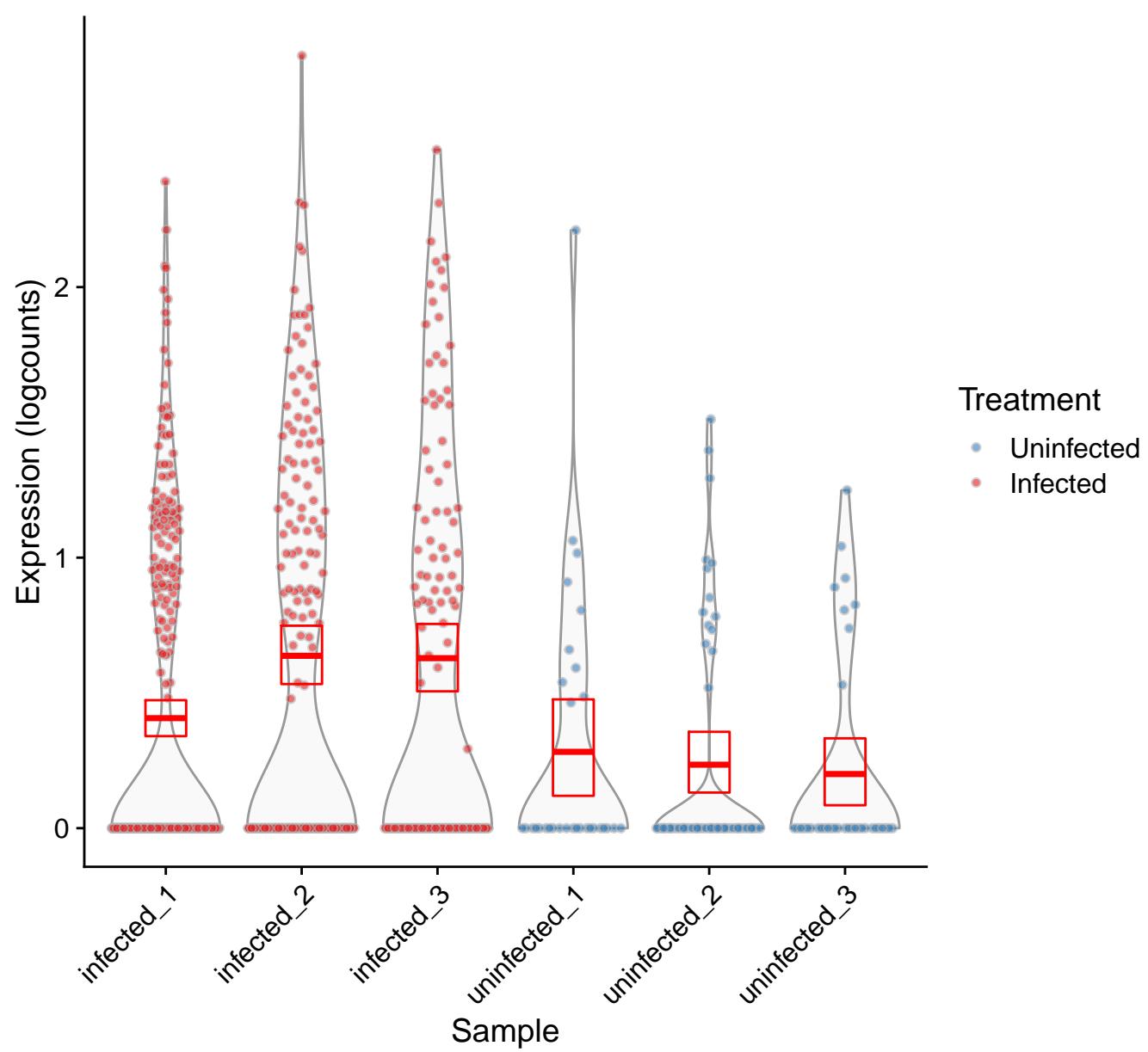
cluster_1

Expression (logcounts)



EEP1 (FDR = 0.003)

cluster_1



ACSL6 (FDR = 0.003)

cluster_1

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

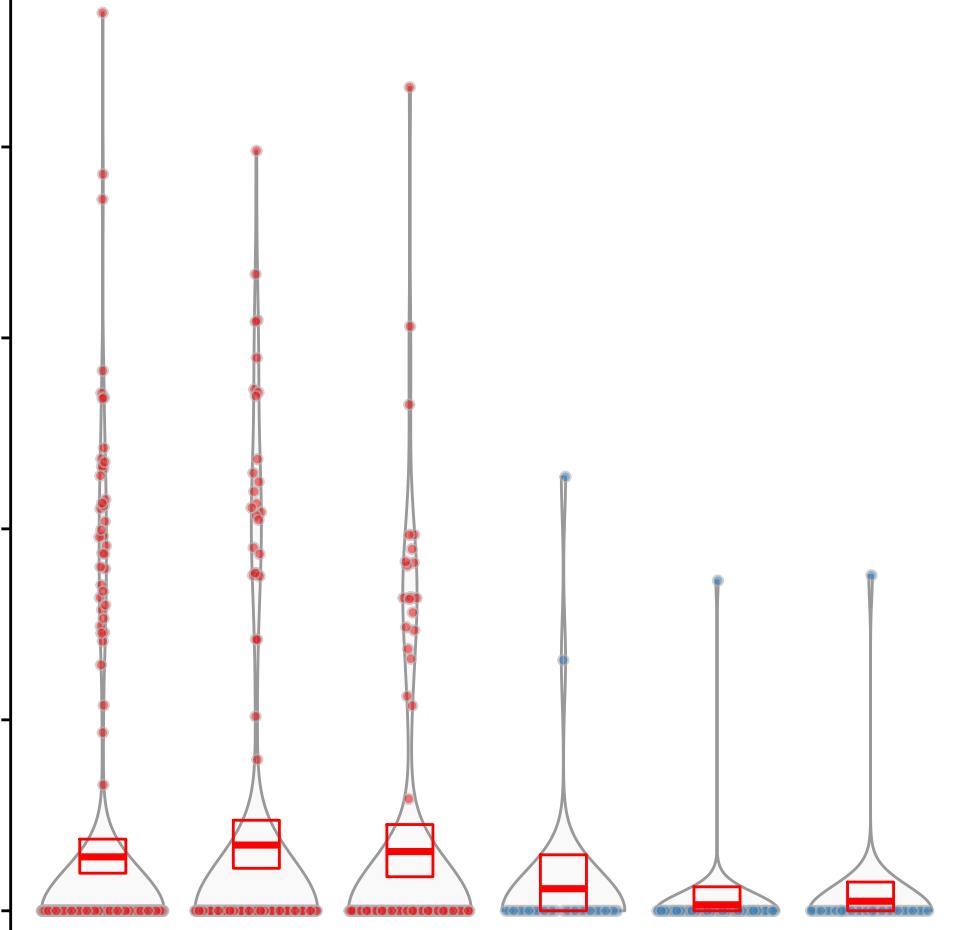
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



LSM5 (FDR = 0.003)

cluster_1

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

infected_1

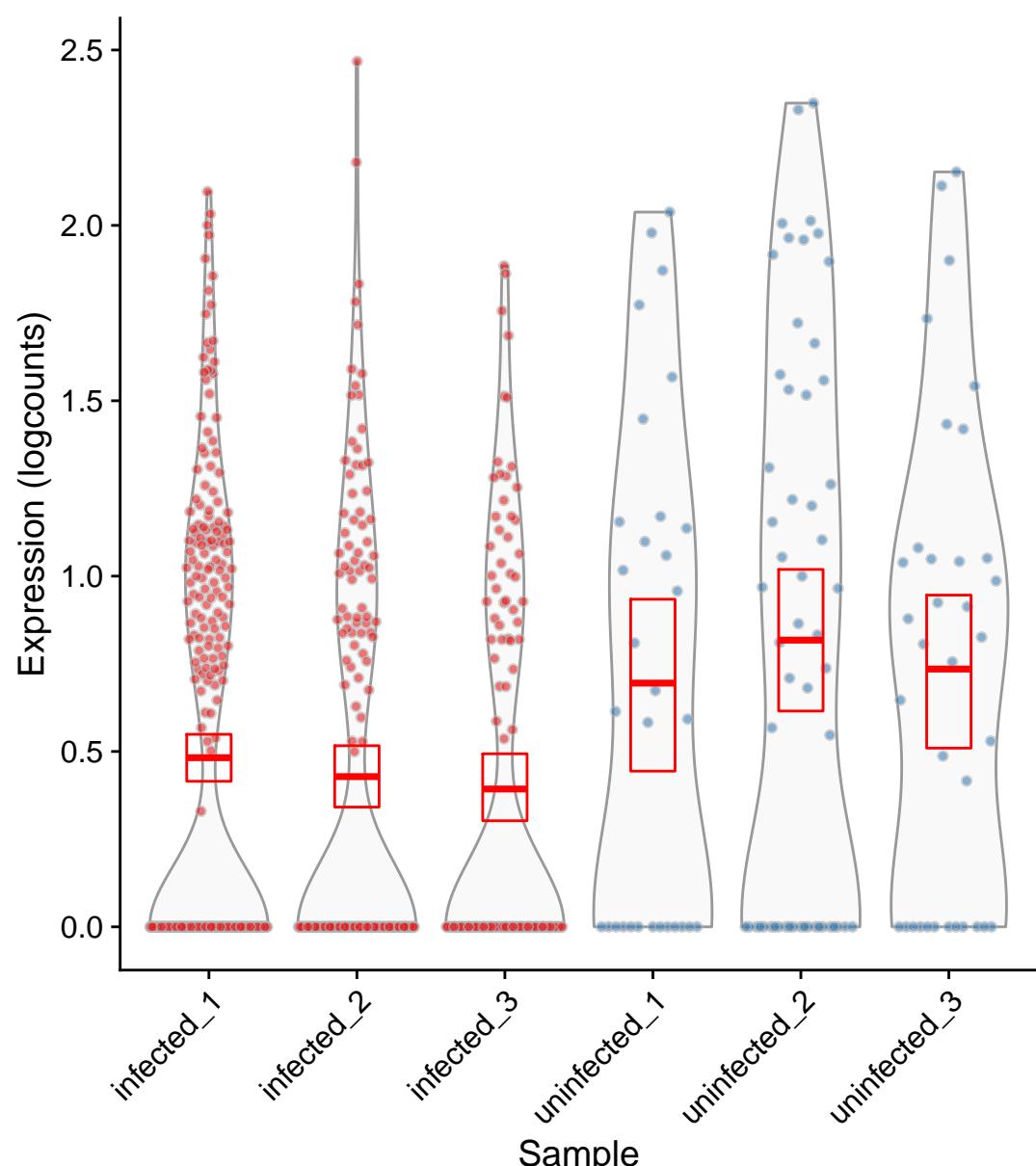
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



COX8A (FDR = 0.003)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

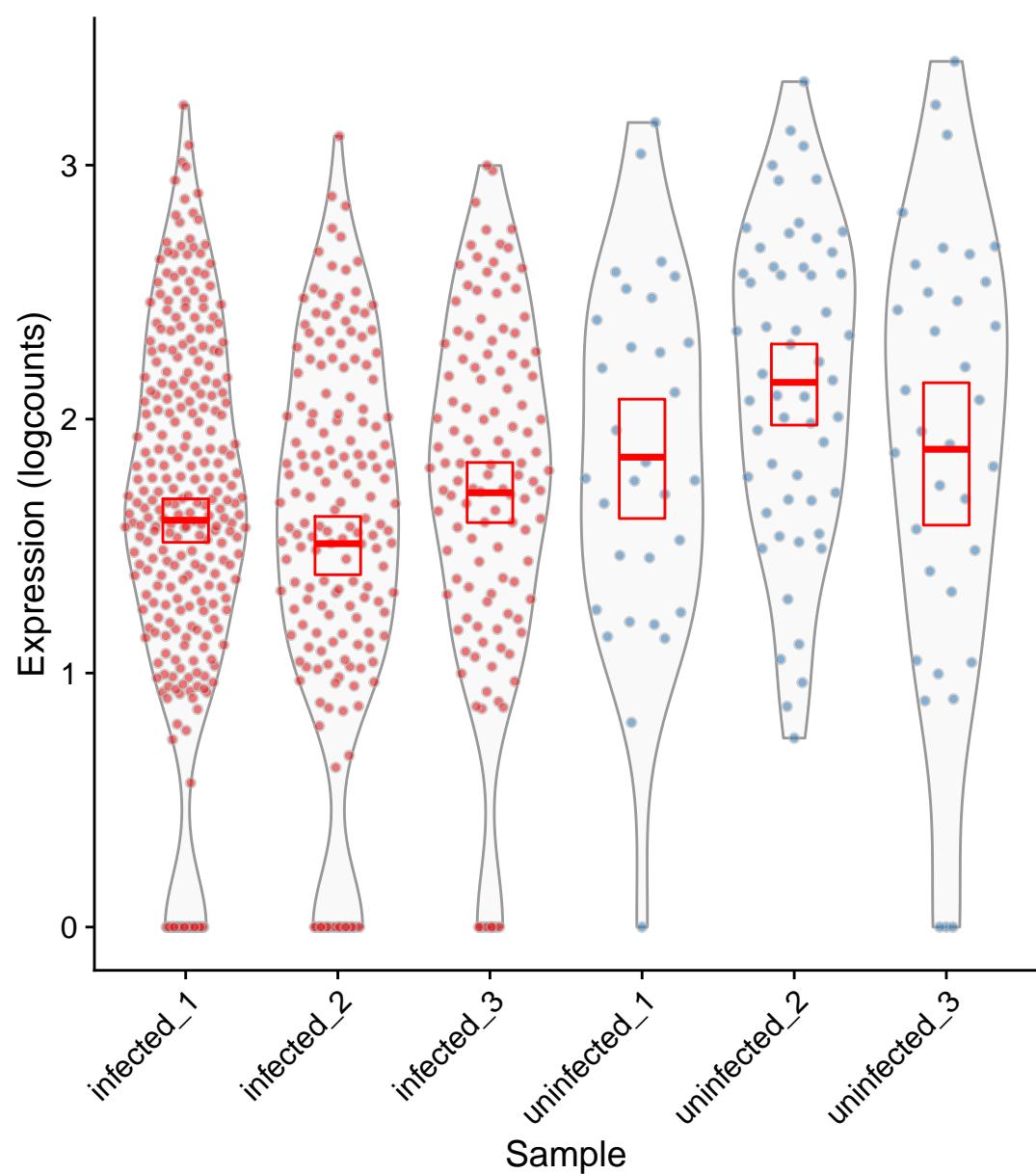
uninfected_2

uninfected_3

Sample

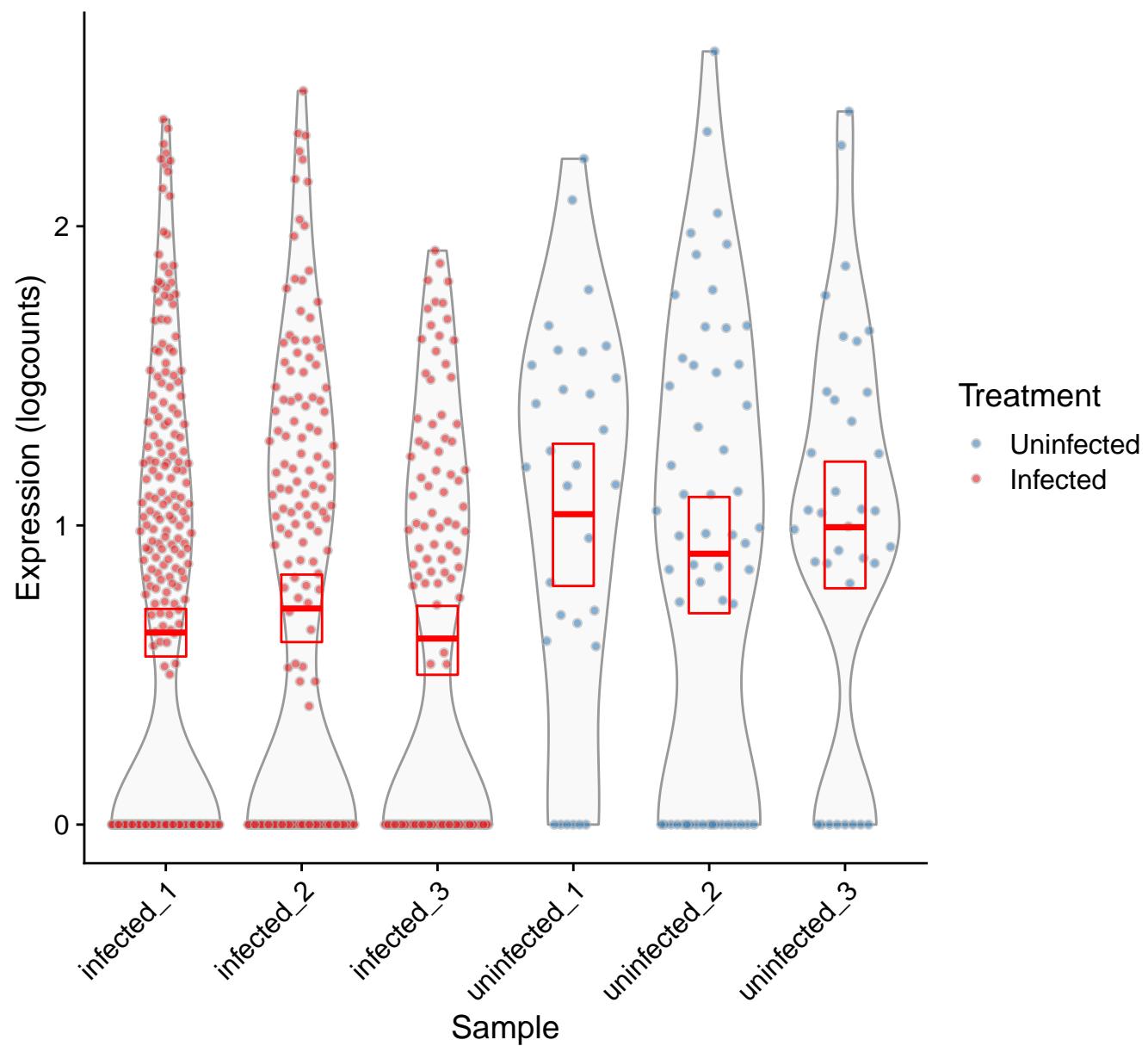
Treatment

- Uninfected
- Infected



NUCKS1 (FDR = 0.004)

cluster_1



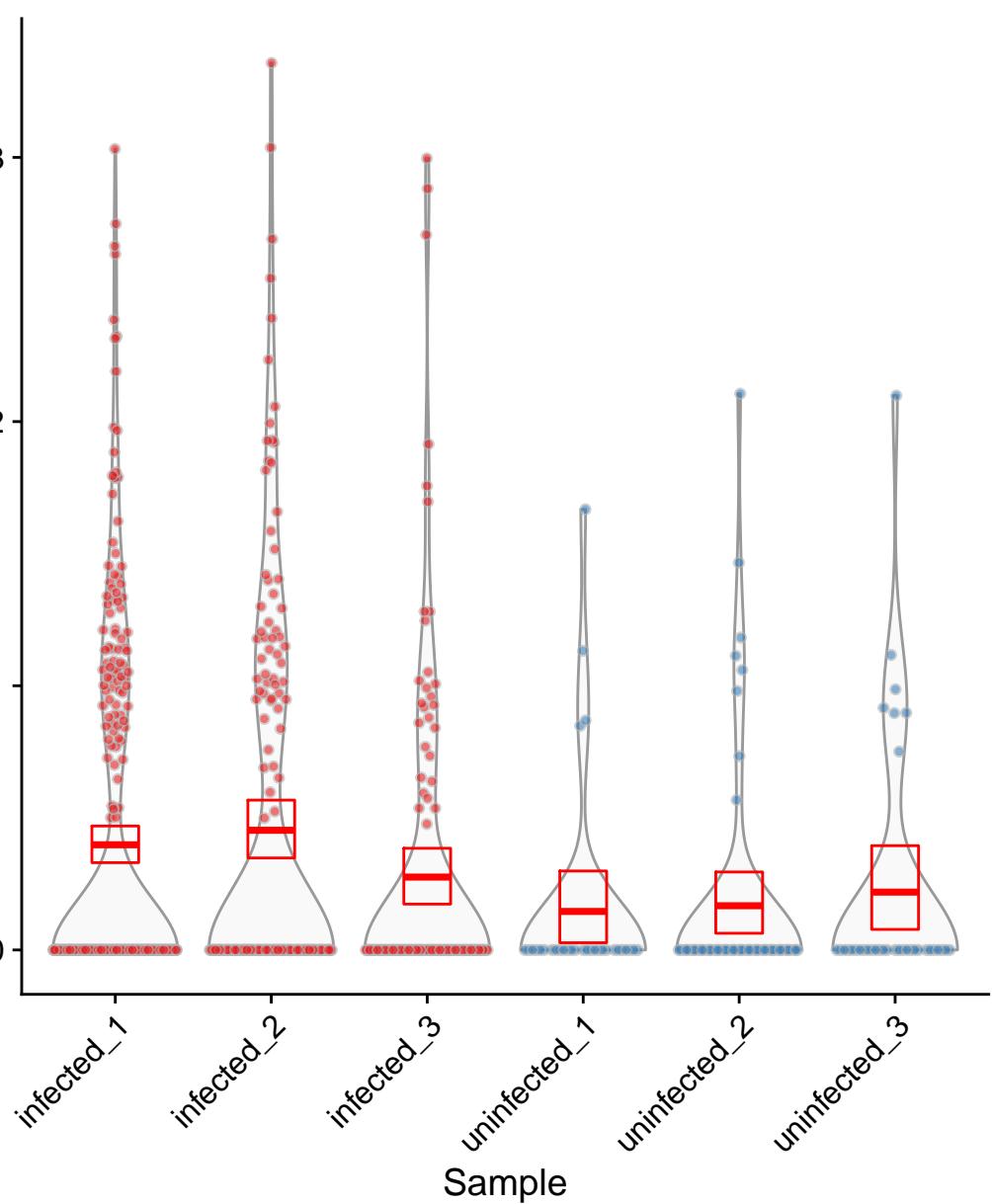
RHOB (FDR = 0.004)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



MVP (FDR = 0.004)

cluster_1

Expression (logcounts)

3

2

1

infected_1

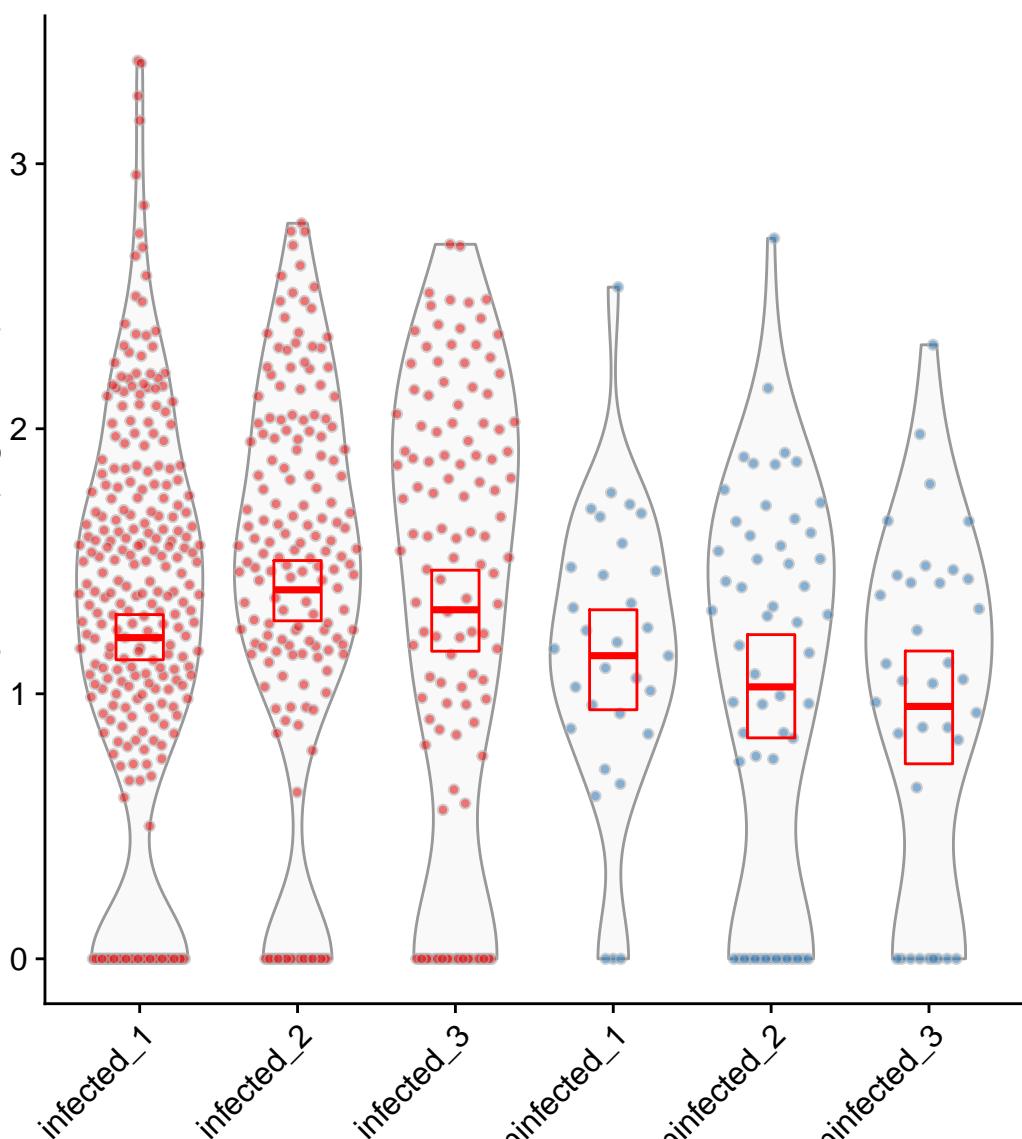
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



PKM (FDR = 0.005)

cluster_1

Expression (logcounts)

4

3

2

1

0

infected_1

infected_2

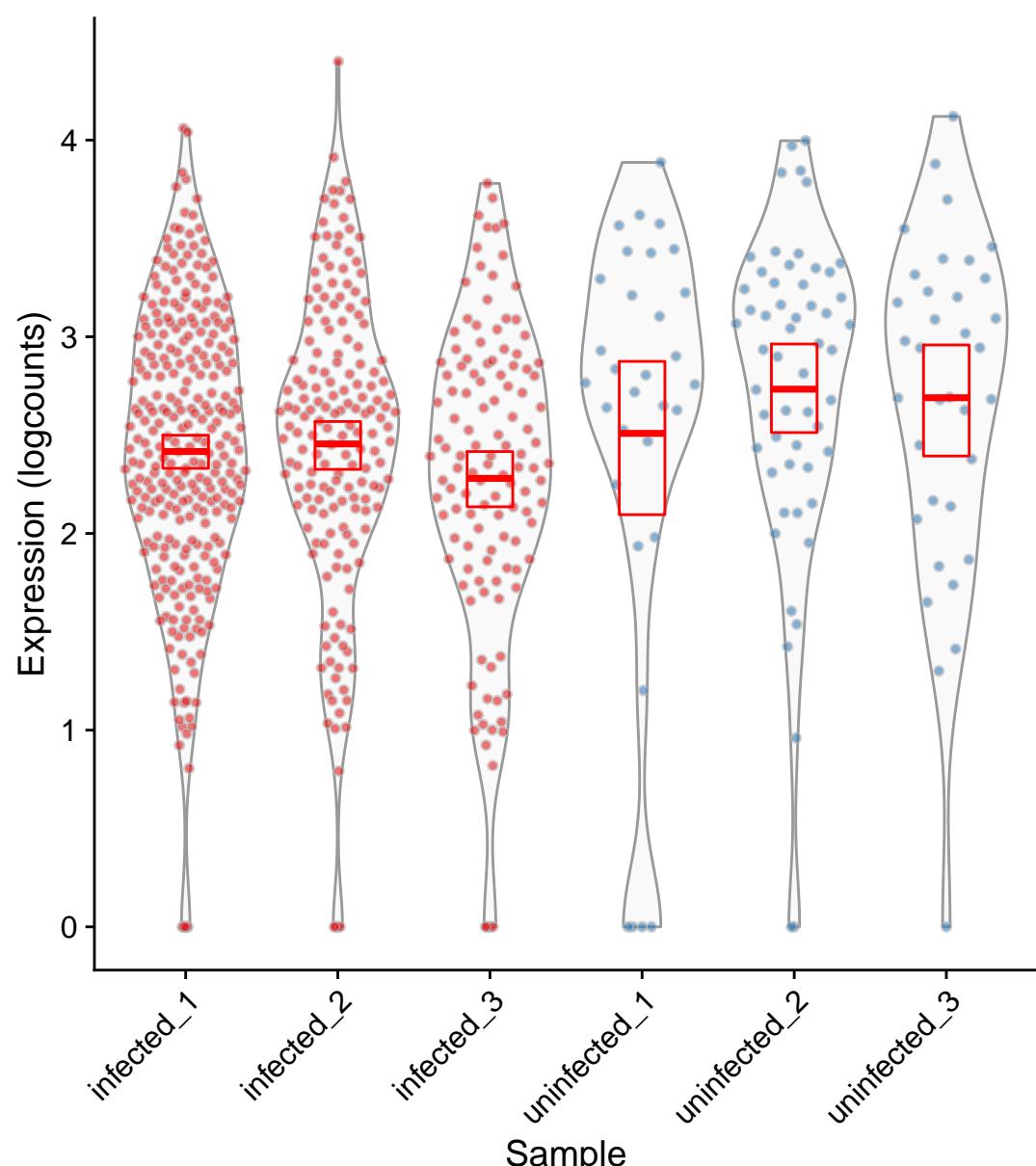
infected_3

Sample

uninfected_1 uninfected_2 uninfected_3

Treatment

- Uninfected
- Infected



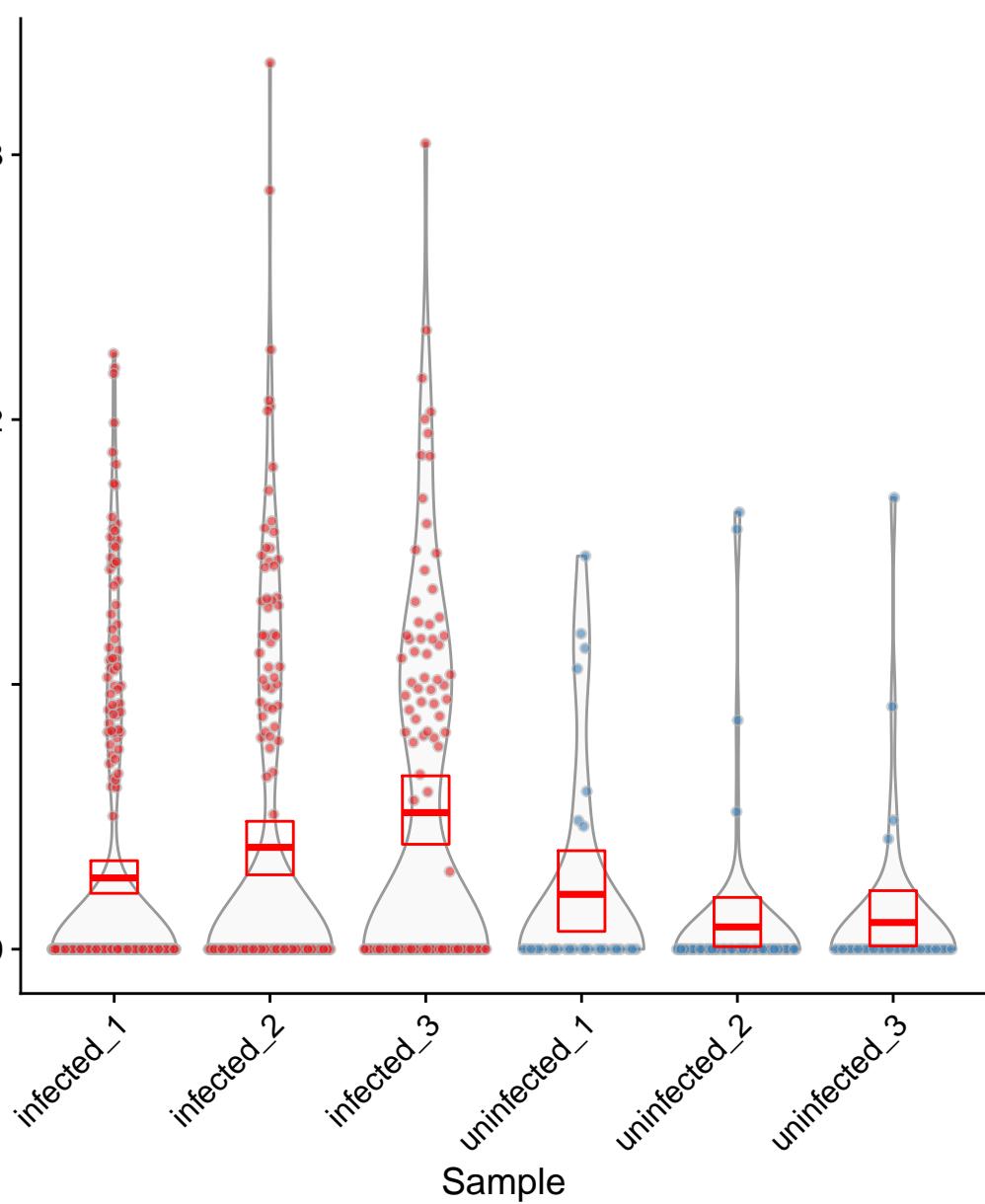
CLU (FDR = 0.005)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



TUBA4A (FDR = 0.005)

cluster_1

Expression (logcounts)

3

1

0

infected_1

infected_2

infected_3

Sample

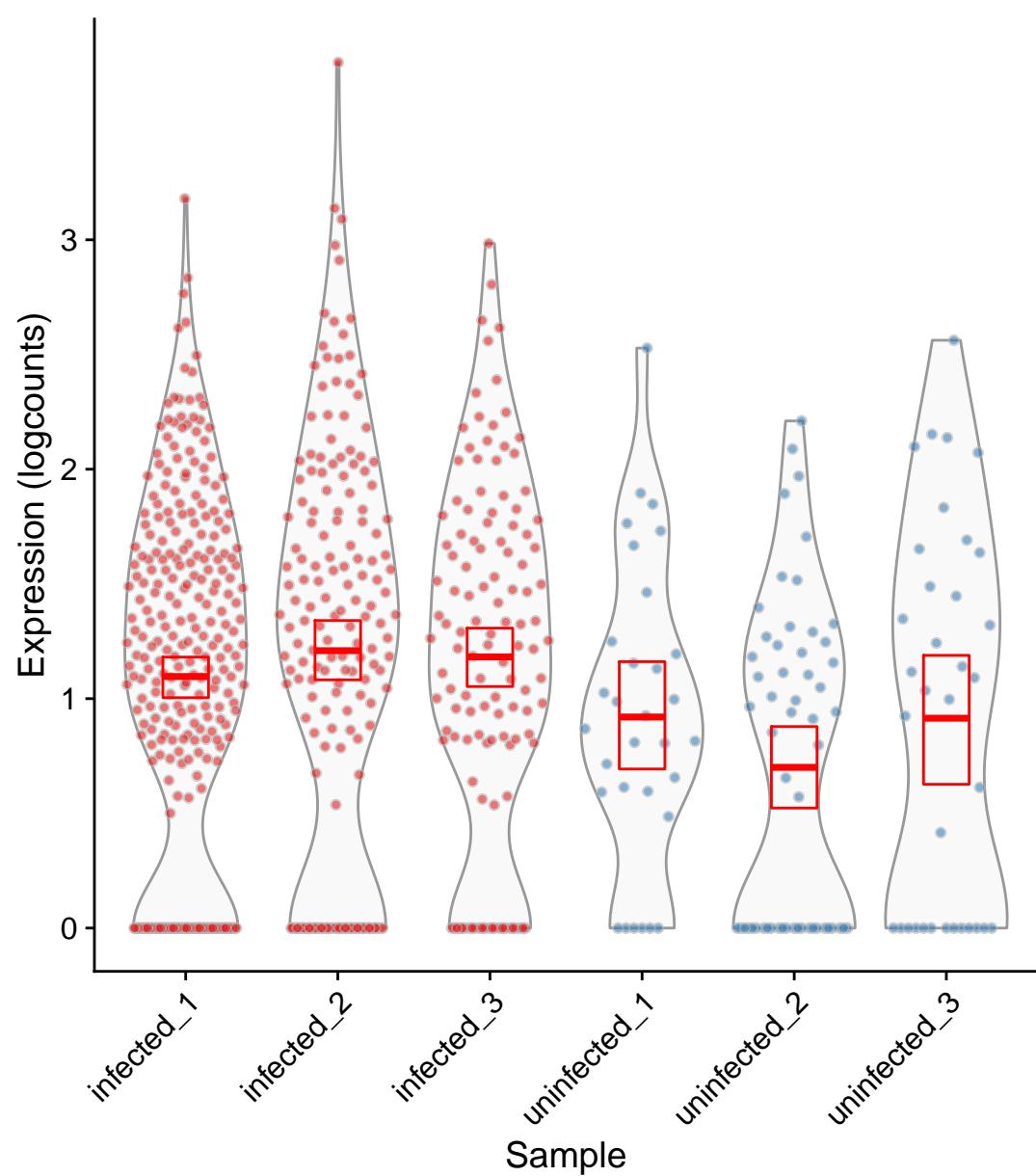
uninfected_1

uninfected_2

uninfected_3

Treatment

- Uninfected
- Infected



GPR25 (FDR = 0.005)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

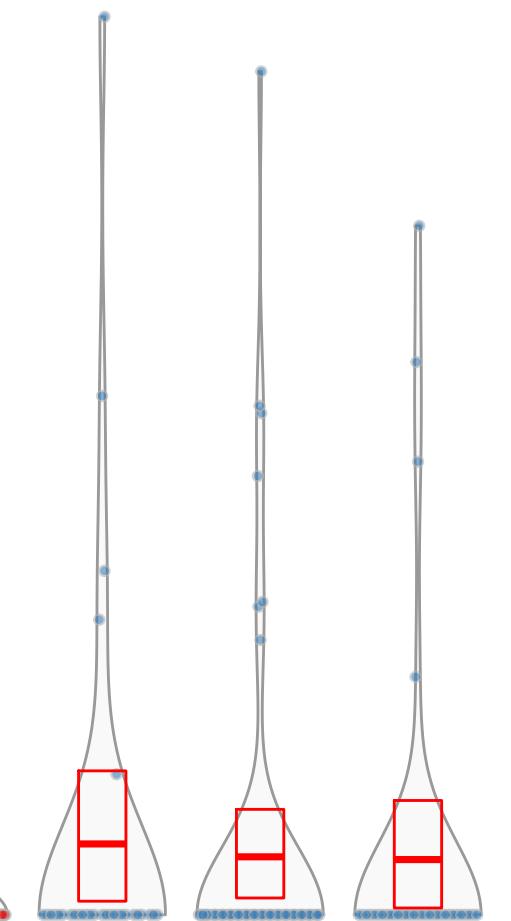
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



RGS2 (FDR = 0.005)

cluster_1

Expression (logcounts)

2

1

0

Treatment

- Uninfected
- Infected

infected_1

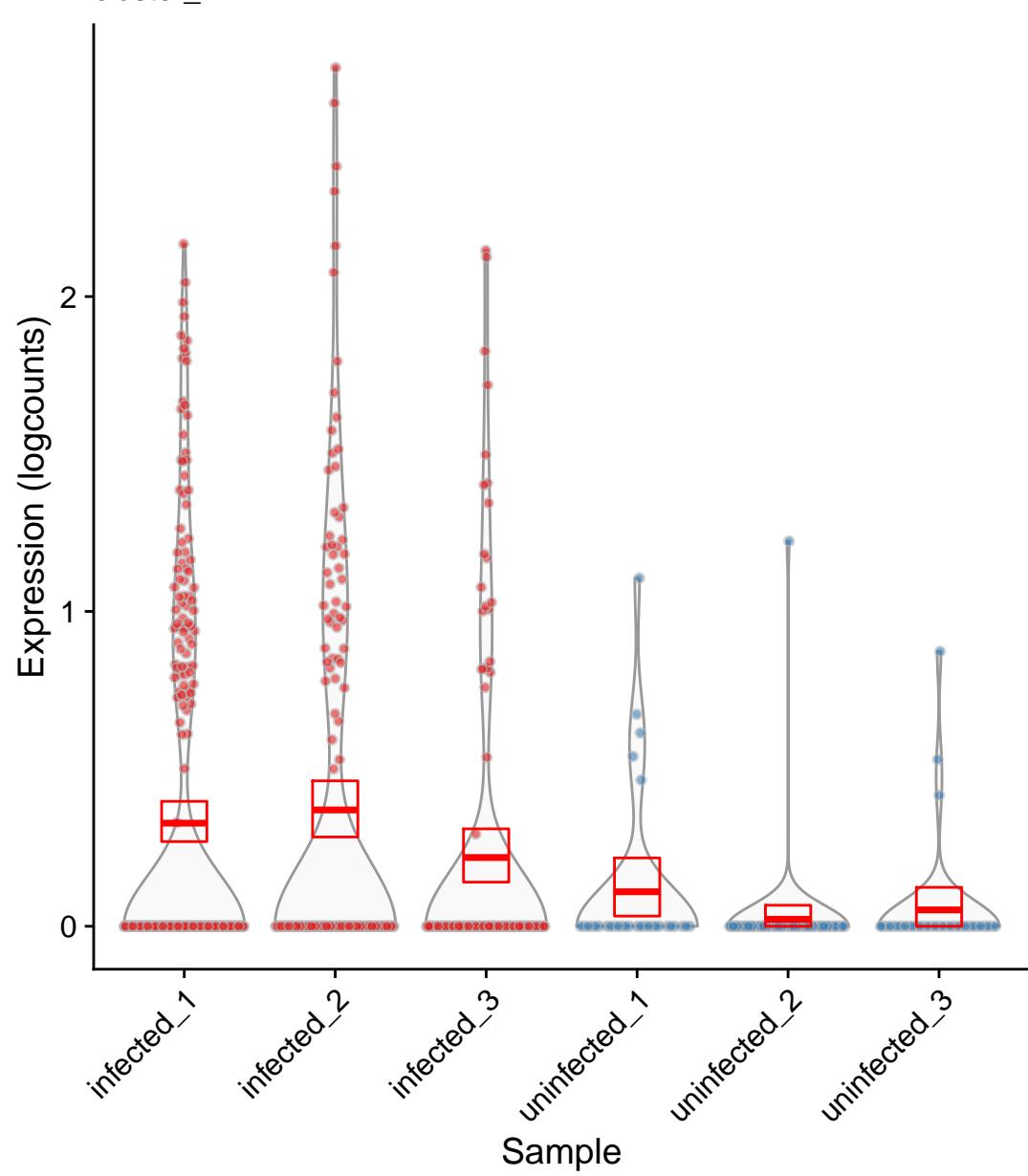
infected_2

infected_3

Sample

uninfected_1
uninfected_2

uninfected_3



HPGDS (FDR = 0.005)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

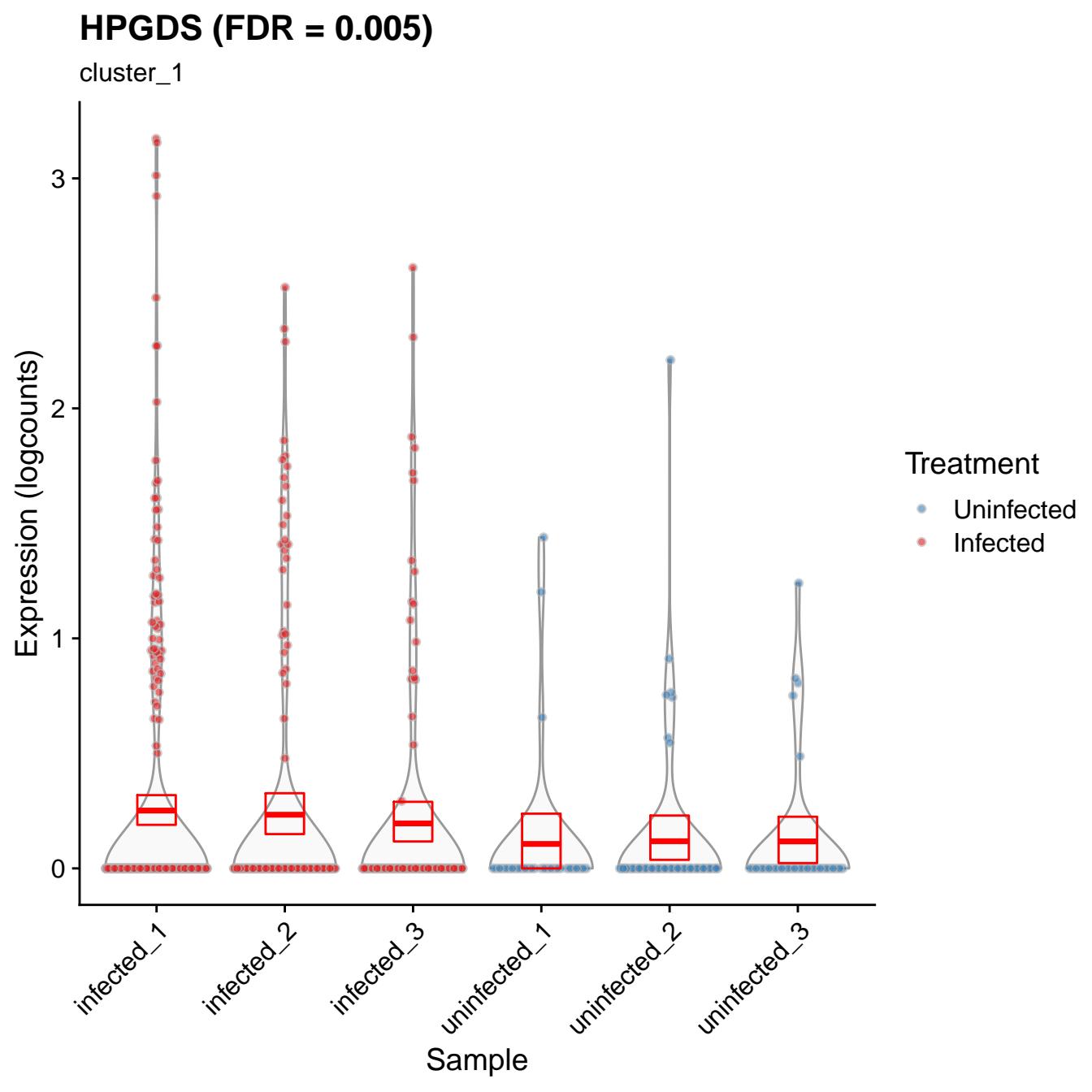
uninfected_2

uninfected_3

Sample

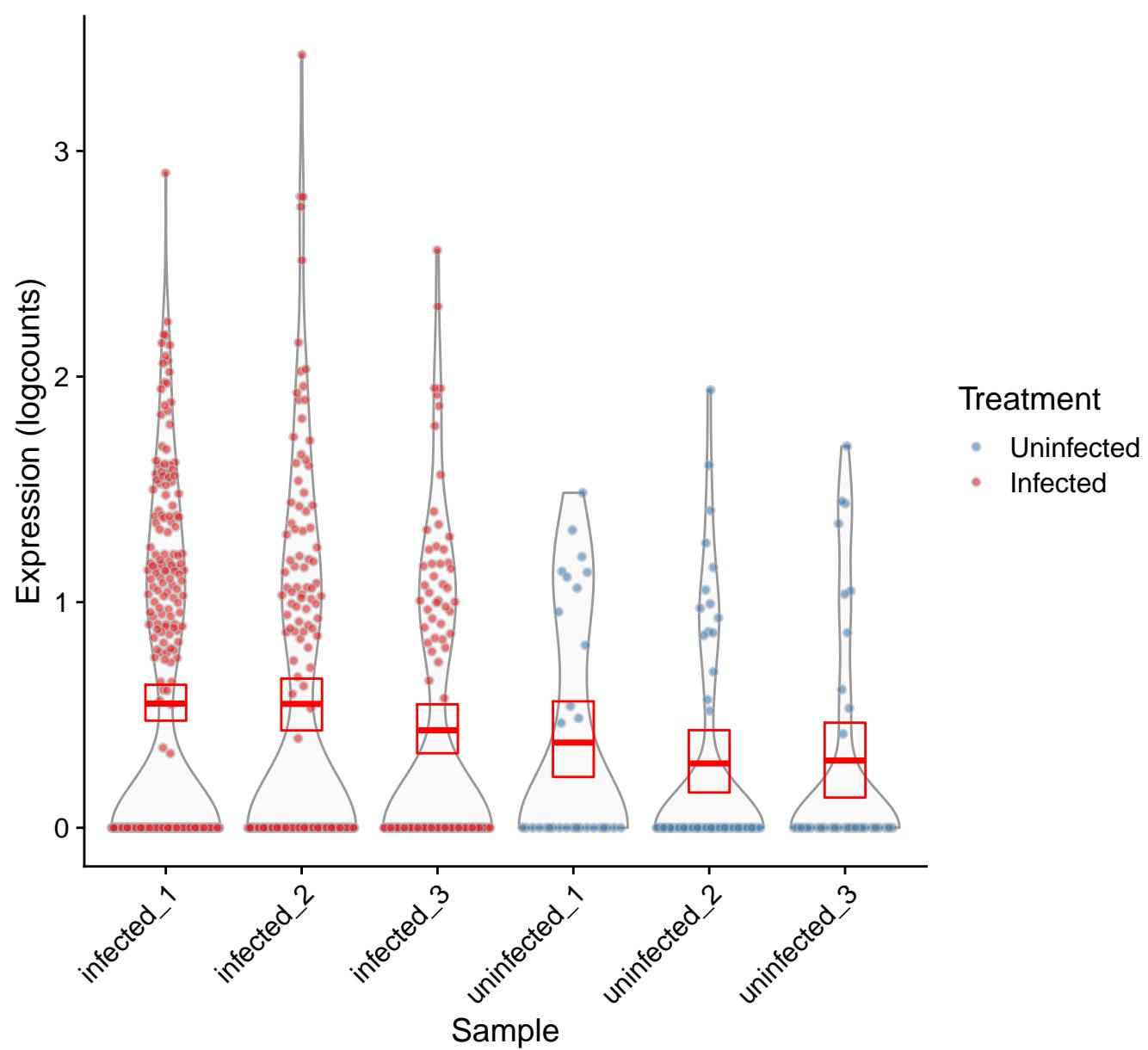
Treatment

- Uninfected
- Infected



SORL1 (FDR = 0.005)

cluster_1



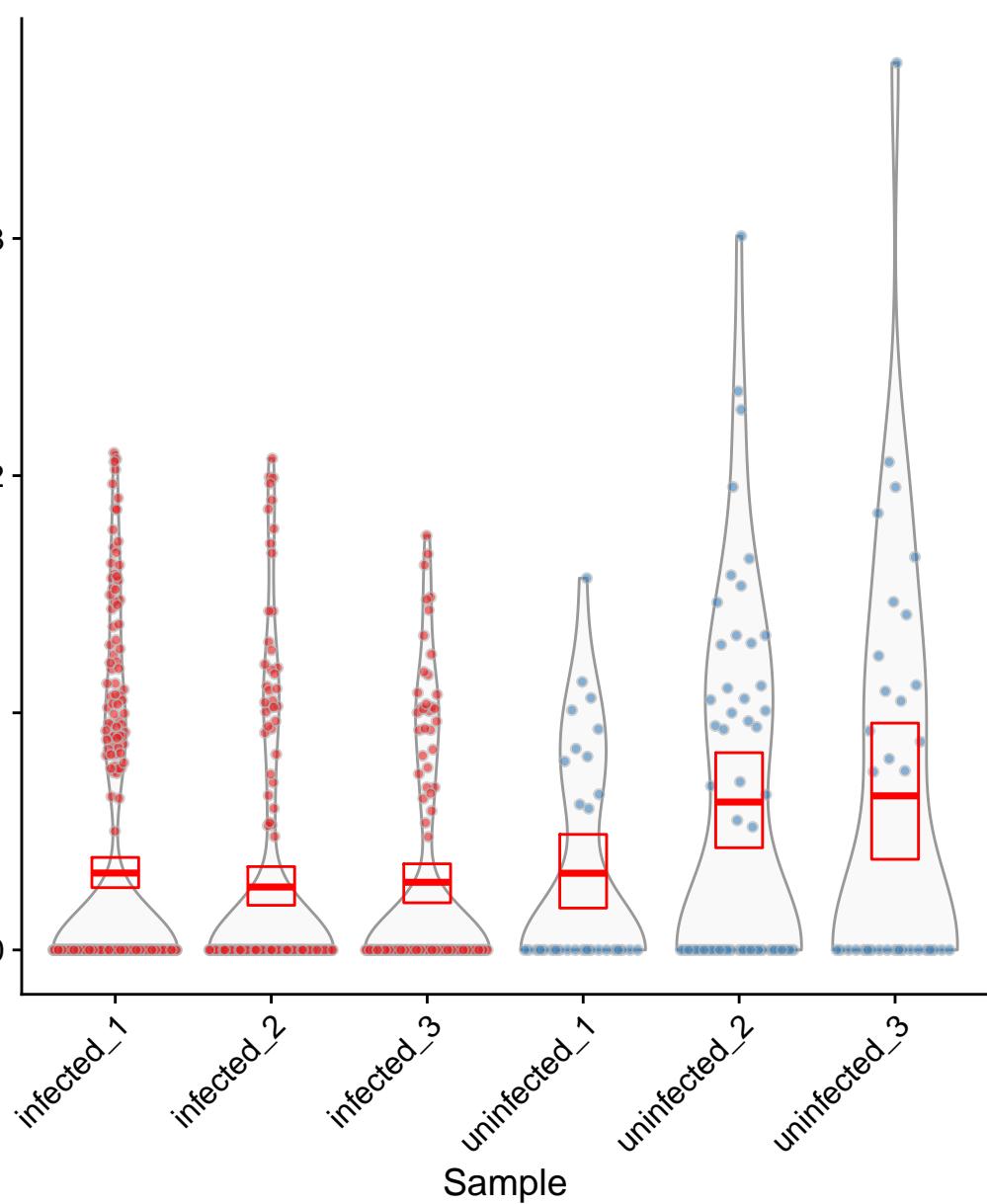
HIST1H2AC (FDR = 0.006)

cluster_1

Expression (logcounts)

Treatment

- Uninfected
- Infected



ATP2B1 (FDR = 0.007)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

Sample

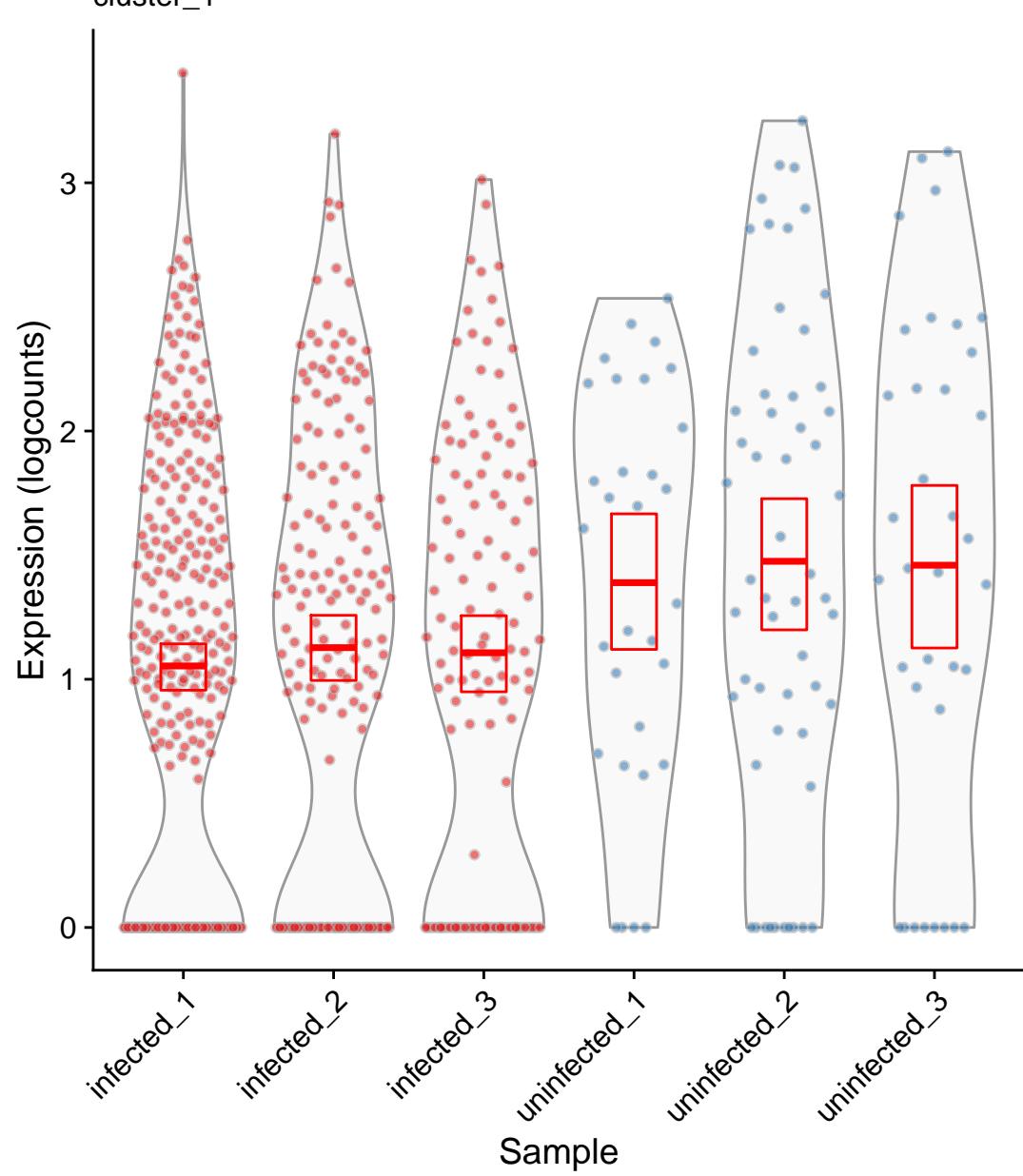
uninfected_1

uninfected_2

uninfected_3

Treatment

- Uninfected
- Infected



TNFSF10 (FDR = 0.007)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected

3.2

3.1

3.0

2.9

2.8

2.7

2.6

2.5

2.4

2.3

2.2

2.1

2.0

1.9

1.8

1.7

1.6

1.5

1.4

1.3

1.2

1.1

1.0

0.9

0.8

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0.0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

1.1

1.2

1.3

1.4

1.5

1.6

1.7

1.8

1.9

2.0

2.1

2.2

2.3

2.4

2.5

2.6

2.7

2.8

2.9

3.0

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

4.0

4.1

4.2

4.3

4.4

4.5

4.6

4.7

4.8

4.9

5.0

5.1

5.2

5.3

5.4

5.5

5.6

5.7

5.8

5.9

6.0

6.1

6.2

6.3

6.4

6.5

6.6

6.7

6.8

6.9

7.0

7.1

7.2

7.3

7.4

7.5

7.6

7.7

7.8

7.9

8.0

8.1

8.2

8.3

8.4

8.5

8.6

8.7

8.8

8.9

9.0

9.1

9.2

9.3

9.4

9.5

9.6

9.7

9.8

9.9

10.0

10.1

10.2

10.3

10.4

10.5

10.6

10.7

10.8

10.9

11.0

11.1

11.2

11.3

11.4

11.5

11.6

11.7

11.8

11.9

12.0

12.1

12.2

12.3

12.4

12.5

12.6

12.7

12.8

12.9

13.0

13.1

13.2

13.3

13.4

13.5

13.6

13.7

13.8

13.9

14.0

14.1

14.2

14.3

14.4

14.5

14.6

14.7

14.8

14.9

15.0

15.1

15.2

15.3

15.4

15.5

15.6

15.7

15.8

15.9

16.0

16.1

16.2

16.3

16.4

16.5

16.6

16.7

16.8

16.9

17.0

17.1

17.2

17.3

17.4

17.5

17.6

17.7

17.8

17.9

18.0

18.1

18.2

18.3

18.4

18.5

18.6

18.7

18.8

18.9

19.0

19.1

19.2

19.3

19.4

19.5

19.6

19.7

19.8

19.9

20.0

20.1

20.2

20.3

20.4

20.5

20.6

20.7

20.8

20.9

21.0

21.1

21.2

21.3

21.4

21.5

21.6

21.7

21.8

21.9

22.0

22.1

22.2

22.3

22.4

22.5

22.6

22.7

22.8

22.9

23.0

23.1

23.2

23.3

23.4

23.5

23.6

23.7

23.8

23.9

24.0

24.1

24.2

24.3

24.4

24.5

24.6

24.7

24.8

24.9

25.0

25.1

25.2

25.3

25.4

25.5

25.6

25.7

25.8

25.9

26.0

26.1

26.2

26.3

26.4

26.5

26.6

26.7

26.8

26.9

27.0

27.1

27.2

27.3

27.4

27.5

27.6

27.7

27.8

27.9

28.0

28.1

28.2

28.3

28.4

28.5

28.6

28.7

28.8

28.9

29.0

29.1

29.2

29.3

PPM1M (FDR = 0.007)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

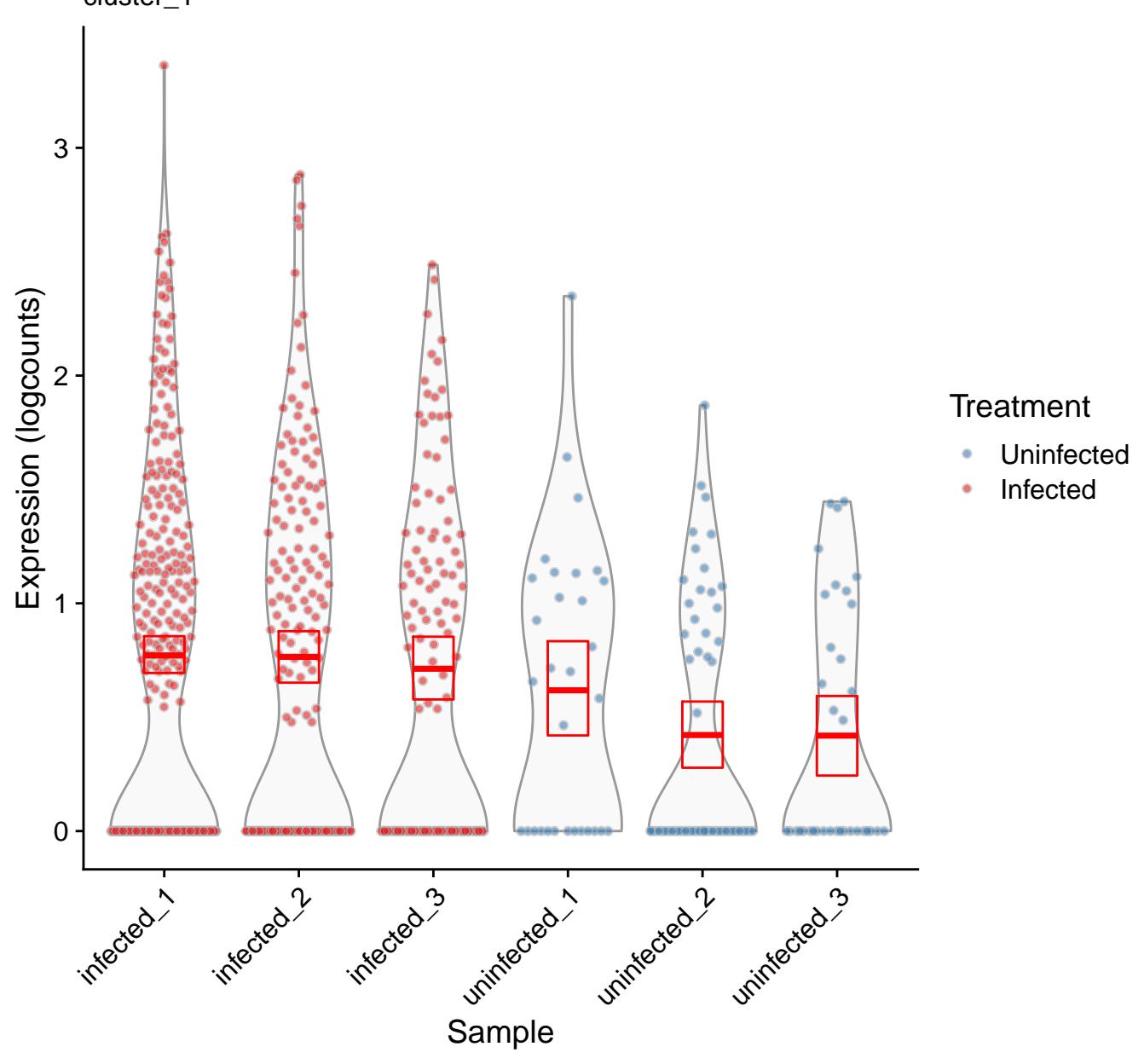
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



SYNE2 (FDR = 0.008)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

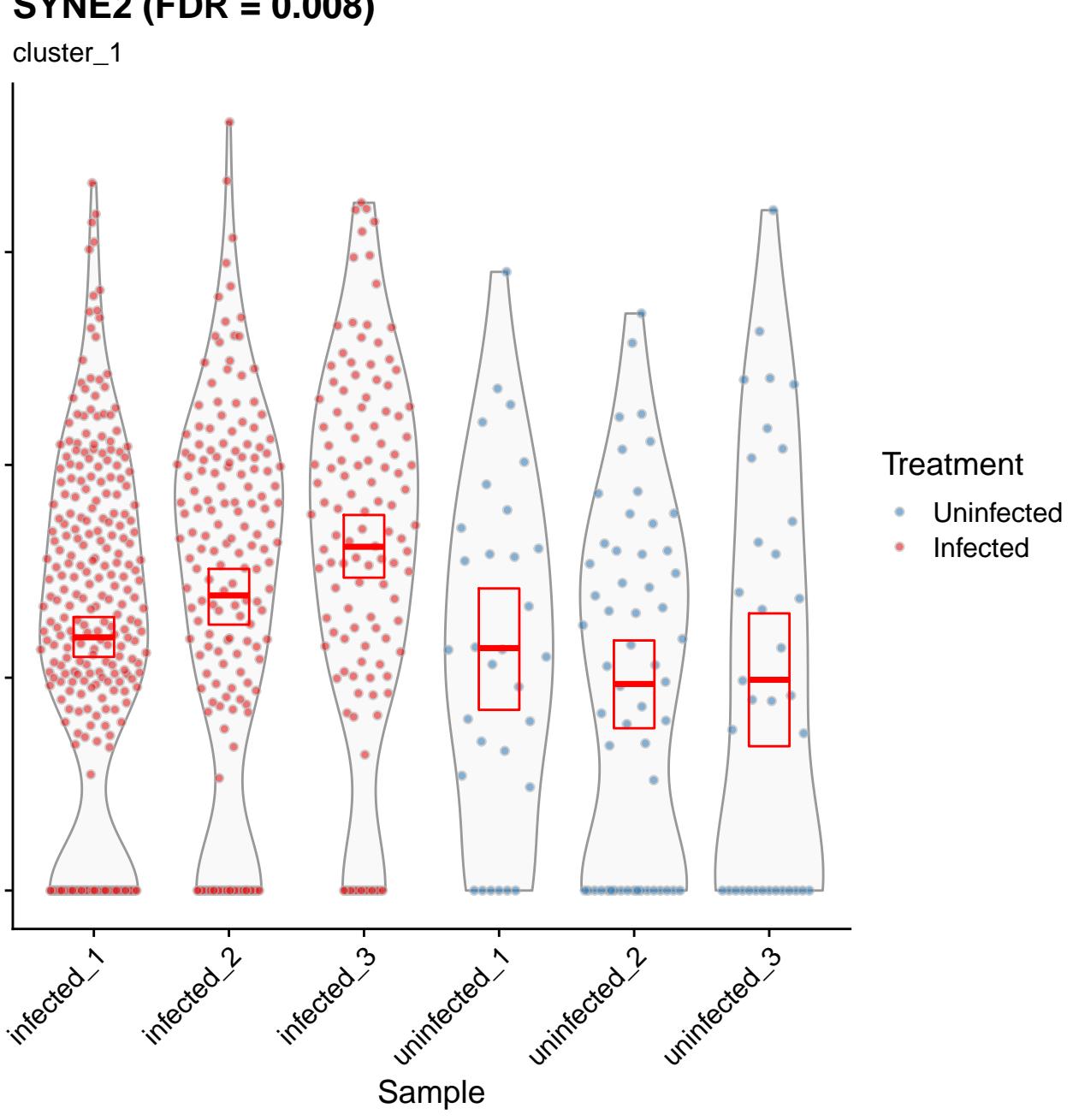
infected_3

Sample

Treatment

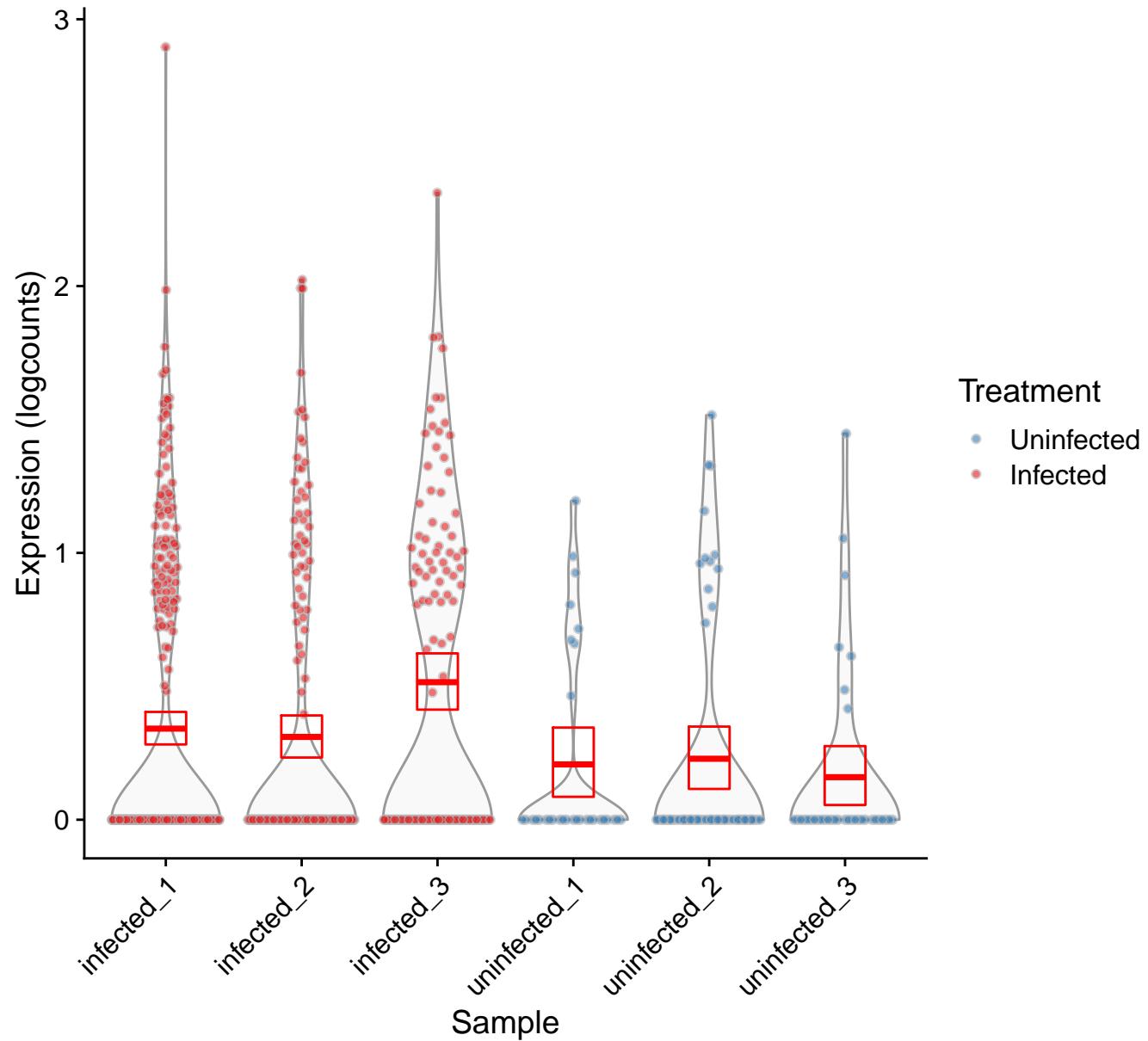
- Uninfected
- Infected

0



VPS13C (FDR = 0.008)

cluster_1



TUBB (FDR = 0.008)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

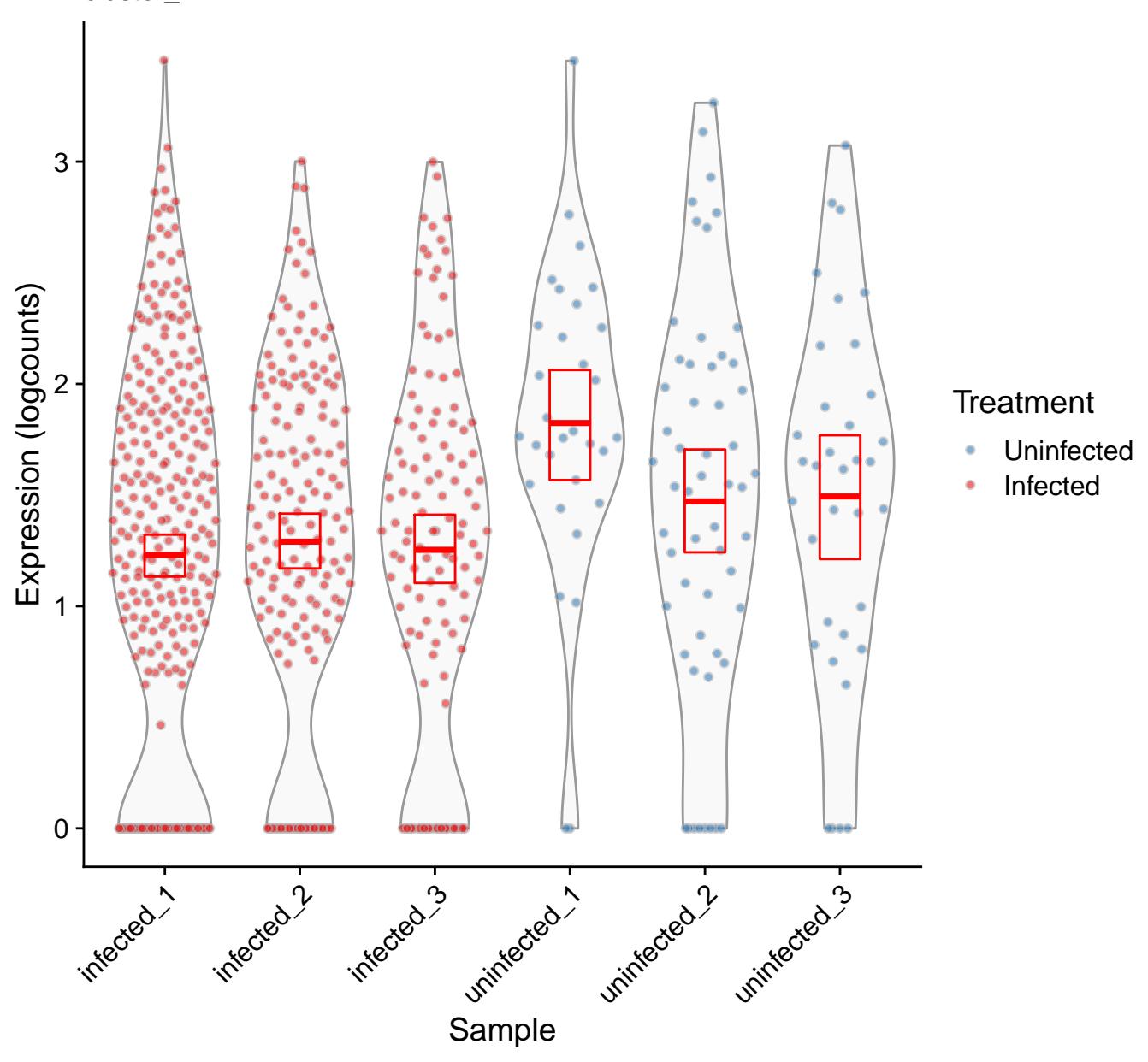
infected_3

Sample

uninfected_1
uninfected_2
uninfected_3

Treatment

- Uninfected
- Infected



SLC2A3 (FDR = 0.008)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

Sample

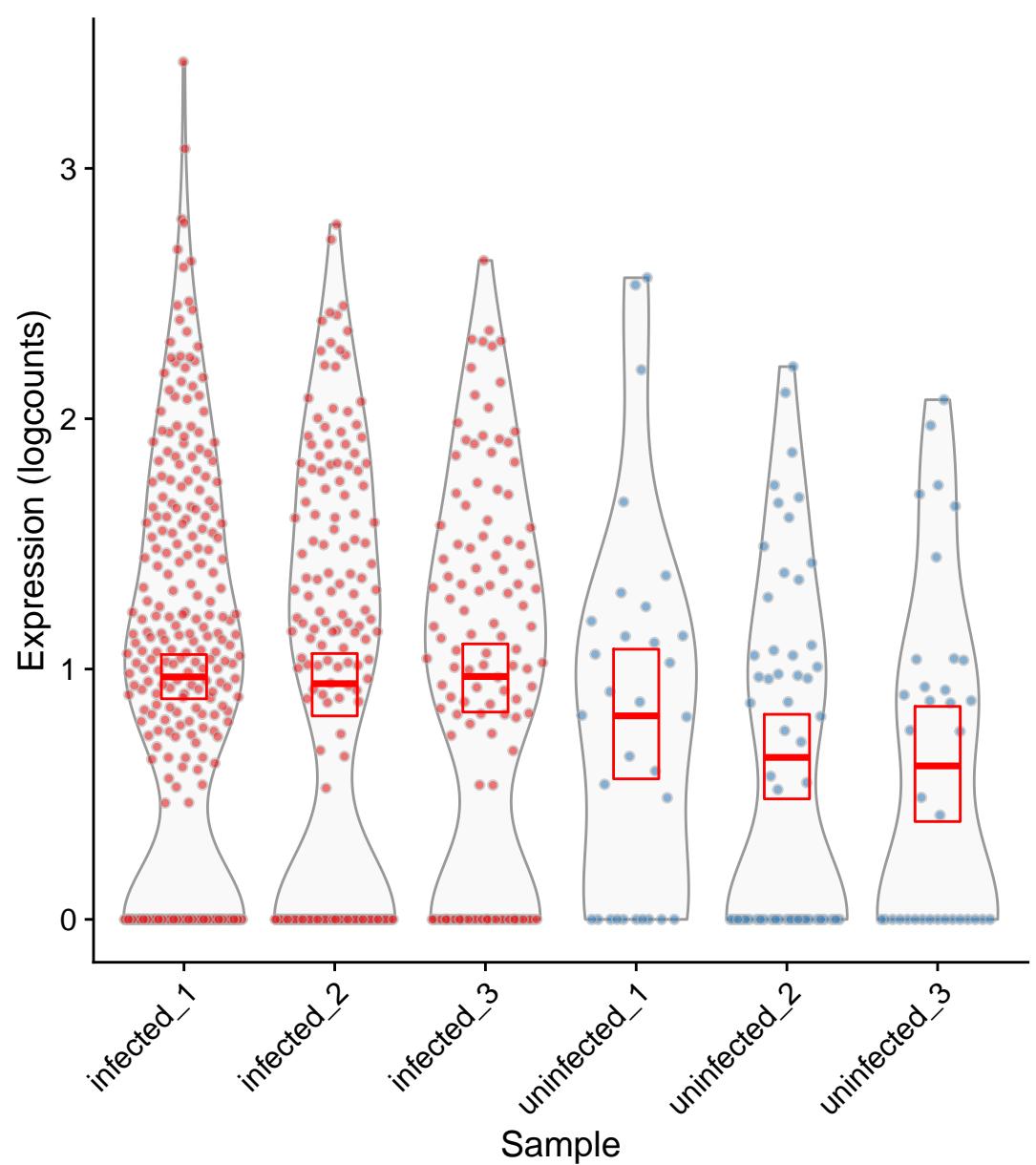
uninfected_1

uninfected_2

uninfected_3

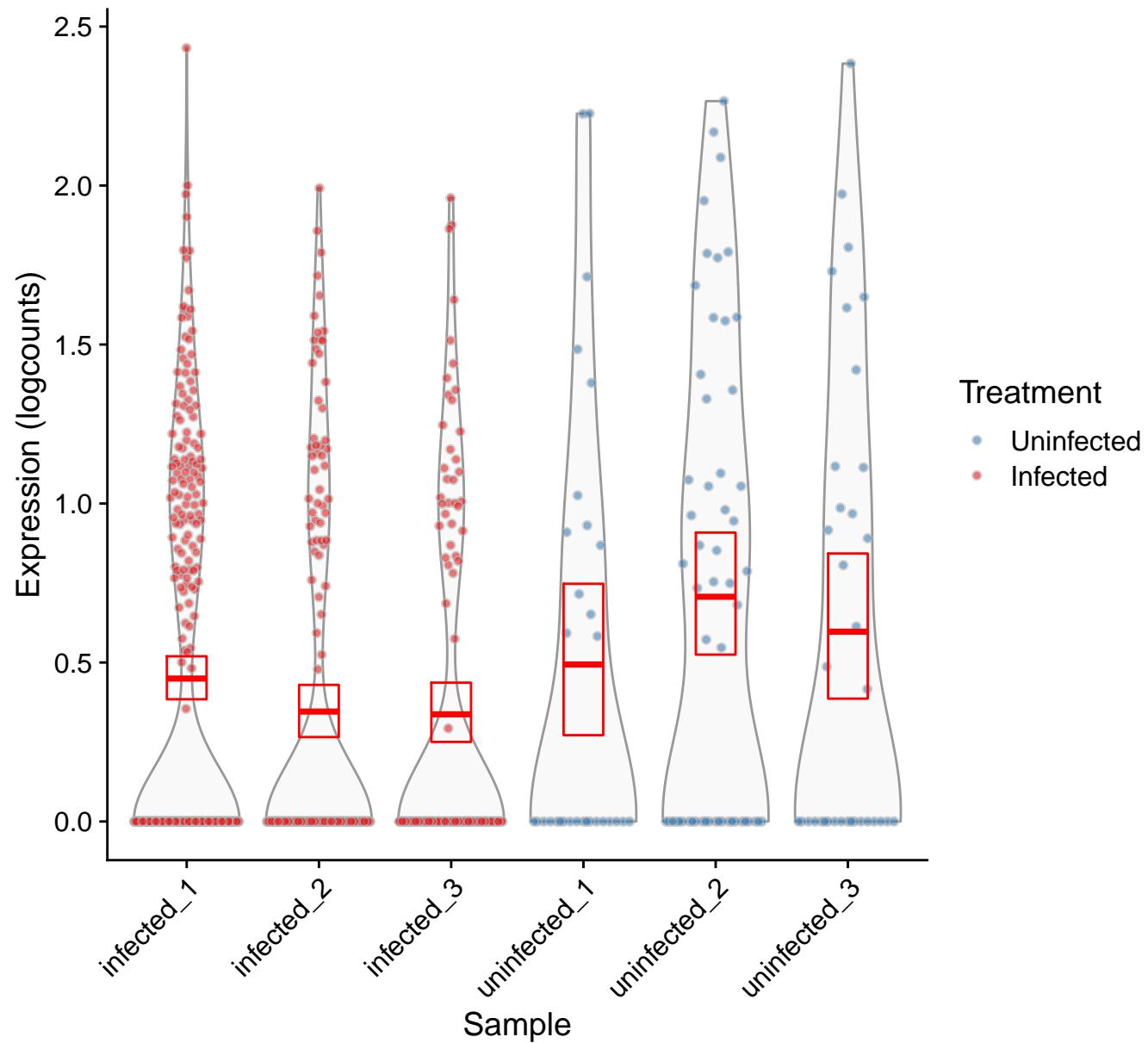
Treatment

- Uninfected
- Infected



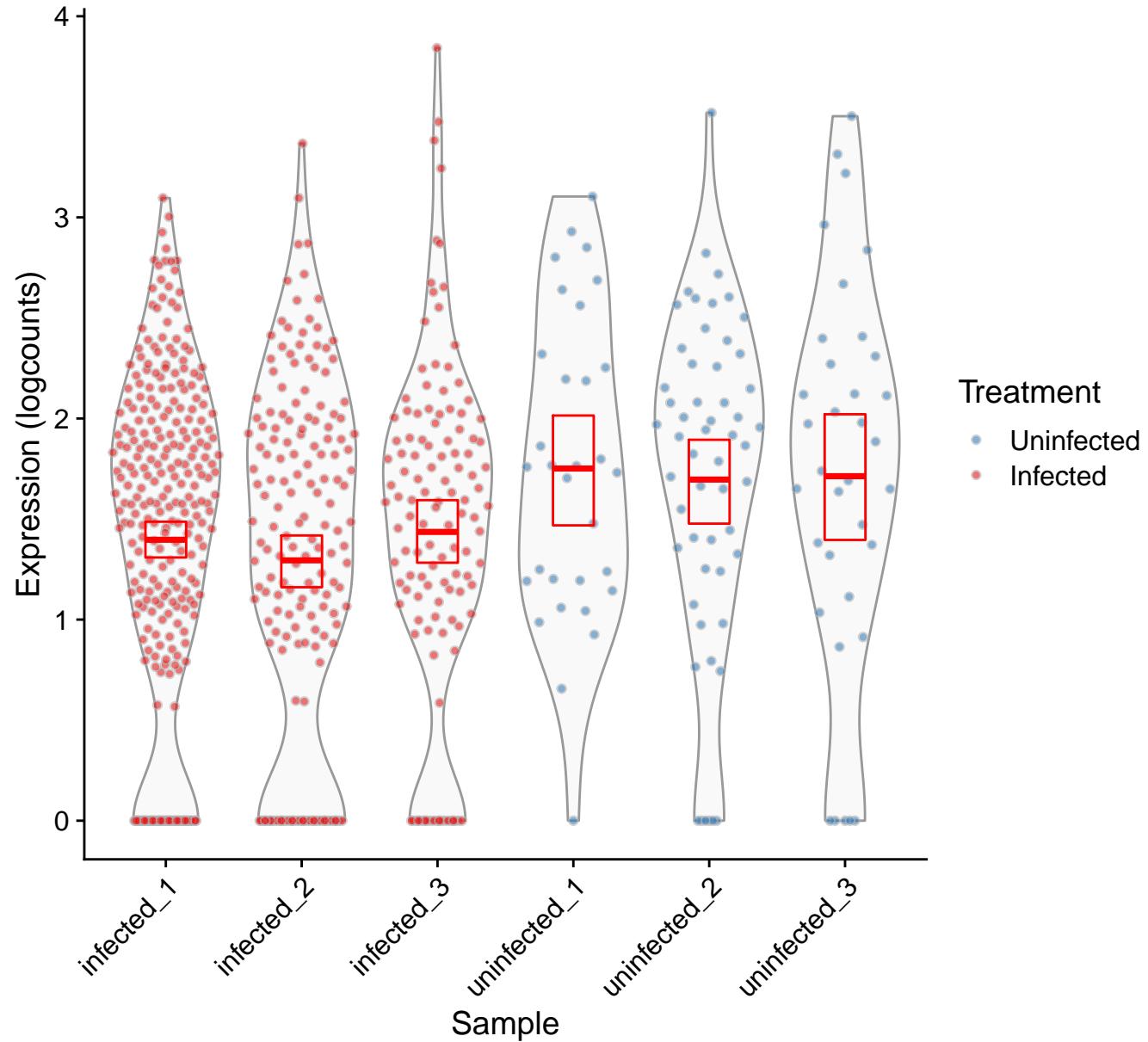
SMS (FDR = 0.008)

cluster_1



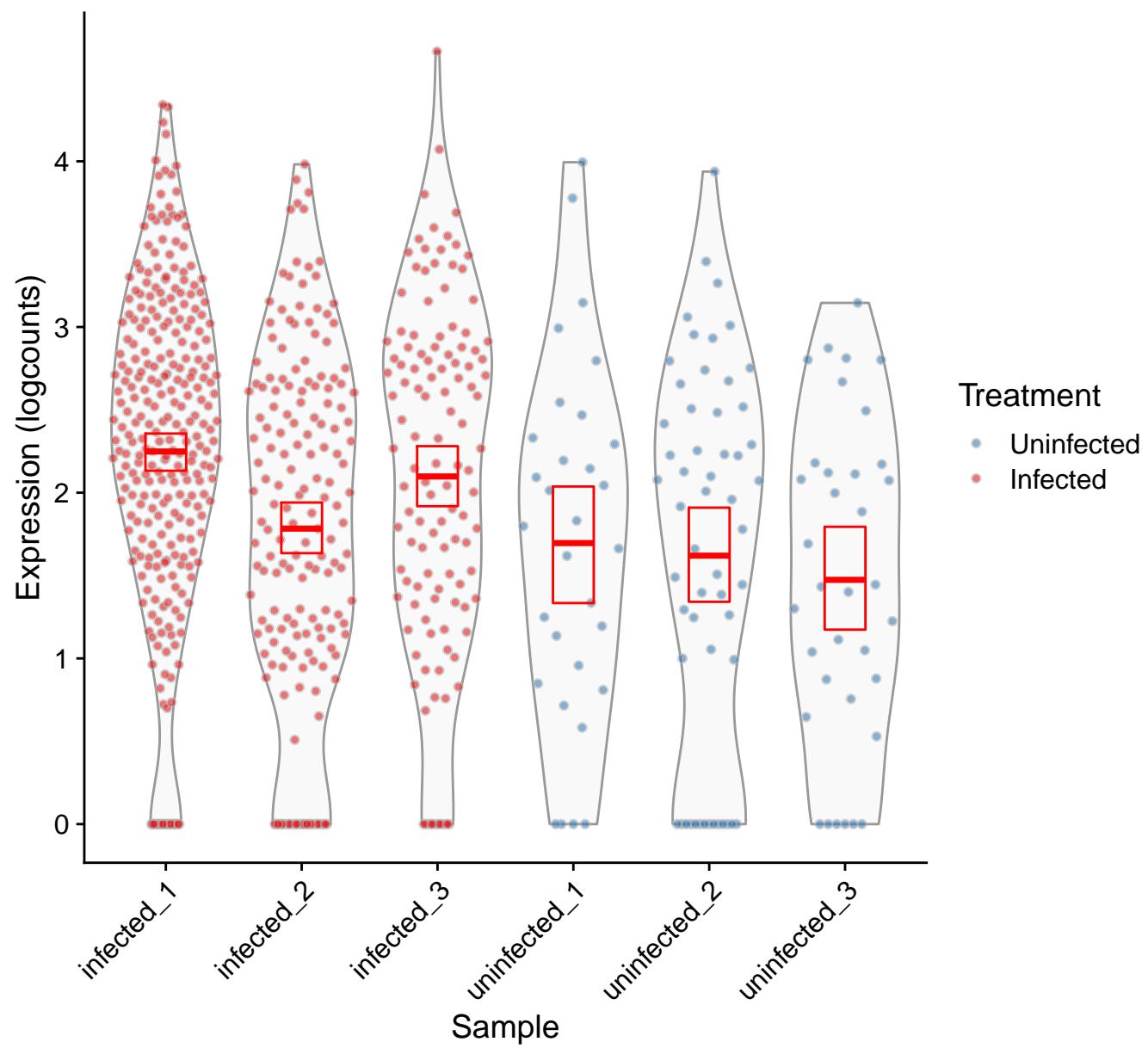
CALM3 (FDR = 0.008)

cluster_1



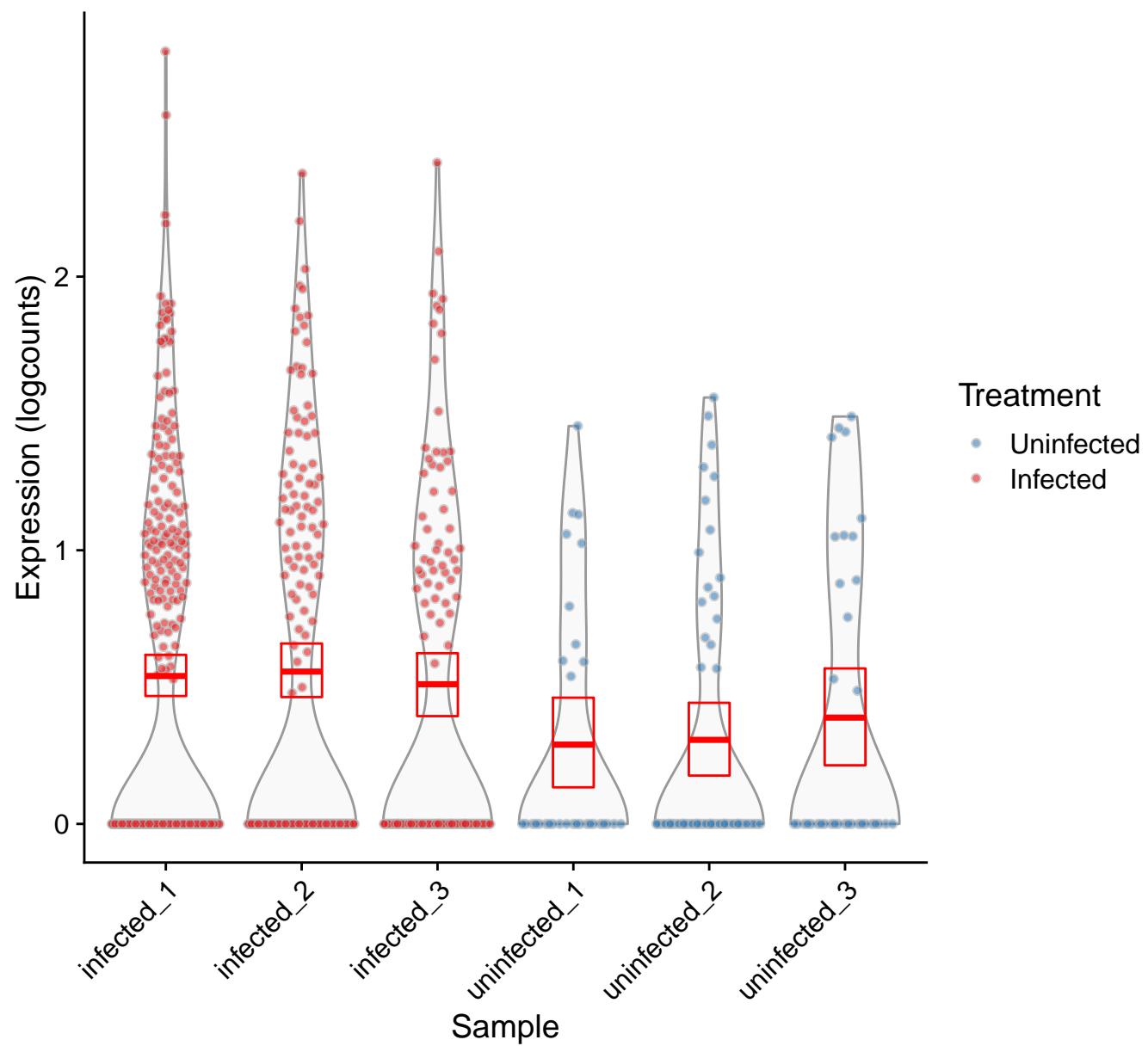
NOSIP (FDR = 0.008)

cluster_1



RASA3 (FDR = 0.008)

cluster_1



CTSA (FDR = 0.009)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

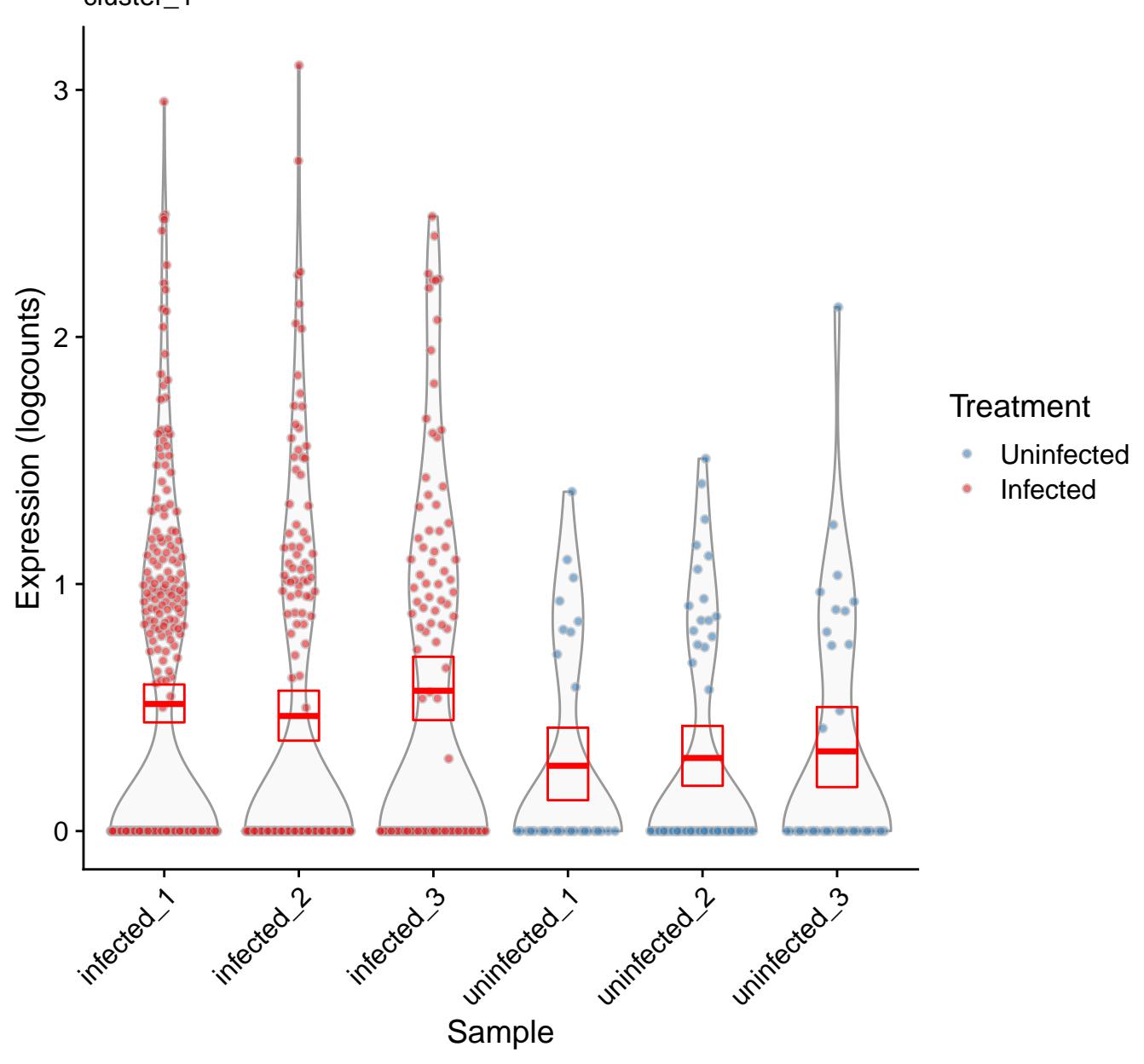
uninfected_2

uninfected_3

Sample

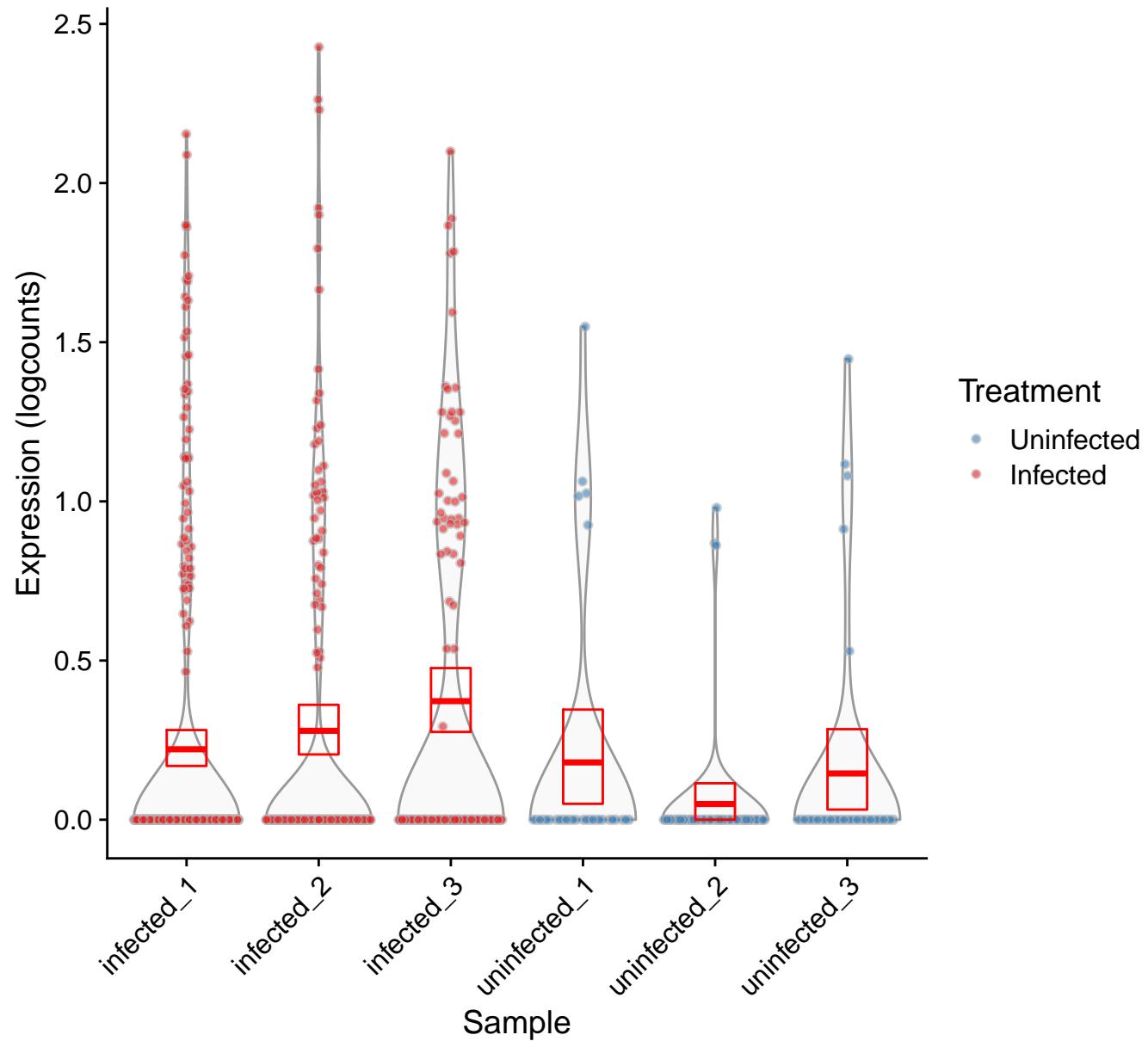
Treatment

- Uninfected
- Infected



HLA-DQA2 (FDR = 0.009)

cluster_1



IRF7 (FDR = 0.009)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

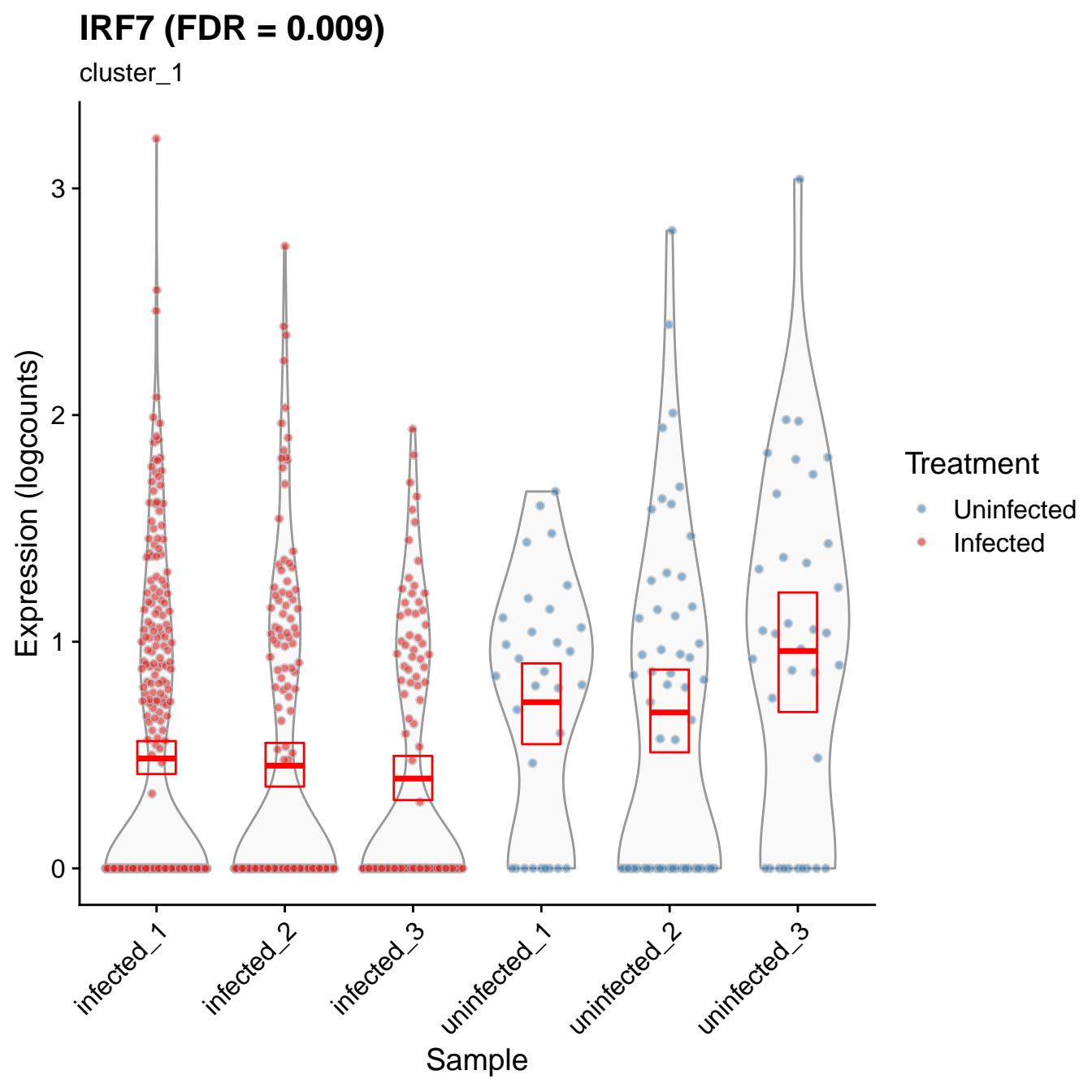
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



BIRC5 (FDR = 0.009)

cluster_1

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

1.3

0.9

0.8

0.7

0.6

0.5

1.4

1.0

0.9

0.8

0.7

0.6

1.5

1.4

1.3

1.2

1.1

1.0

1.6

1.5

1.4

1.3

1.2

1.1

1.7

1.6

1.5

1.4

1.3

1.2

1.8

1.7

1.6

1.5

1.4

1.3

1.9

1.8

1.7

1.6

1.5

1.4

2.0

1.9

1.8

1.7

1.6

1.5

2.1

2.0

1.9

1.8

1.7

1.6

2.2

2.1

2.0

1.9

1.8

1.7

2.3

2.2

2.1

2.0

1.9

1.8

2.4

2.3

2.2

2.1

2.0

1.9

2.5

2.4

2.3

2.2

2.1

2.0

2.6

2.5

2.4

2.3

2.2

2.1

2.7

2.6

2.5

2.4

2.3

2.2

2.8

2.7

2.6

2.5

2.4

2.3

2.9

2.8

2.7

2.6

2.5

2.4

3.0

2.9

2.8

2.7

2.6

2.5

3.1

3.0

2.9

2.8

2.7

2.6

3.2

3.1

3.0

2.9

2.8

2.7

3.3

3.2

3.1

3.0

2.9

2.8

3.4

3.3

3.2

3.1

3.0

2.9

3.5

3.4

3.3

3.2

3.1

3.0

3.6

3.5

3.4

3.3

3.2

3.1

3.7

3.6

3.5

3.4

3.3

3.2

RRN3 (FDR = 0.01)

cluster_1

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

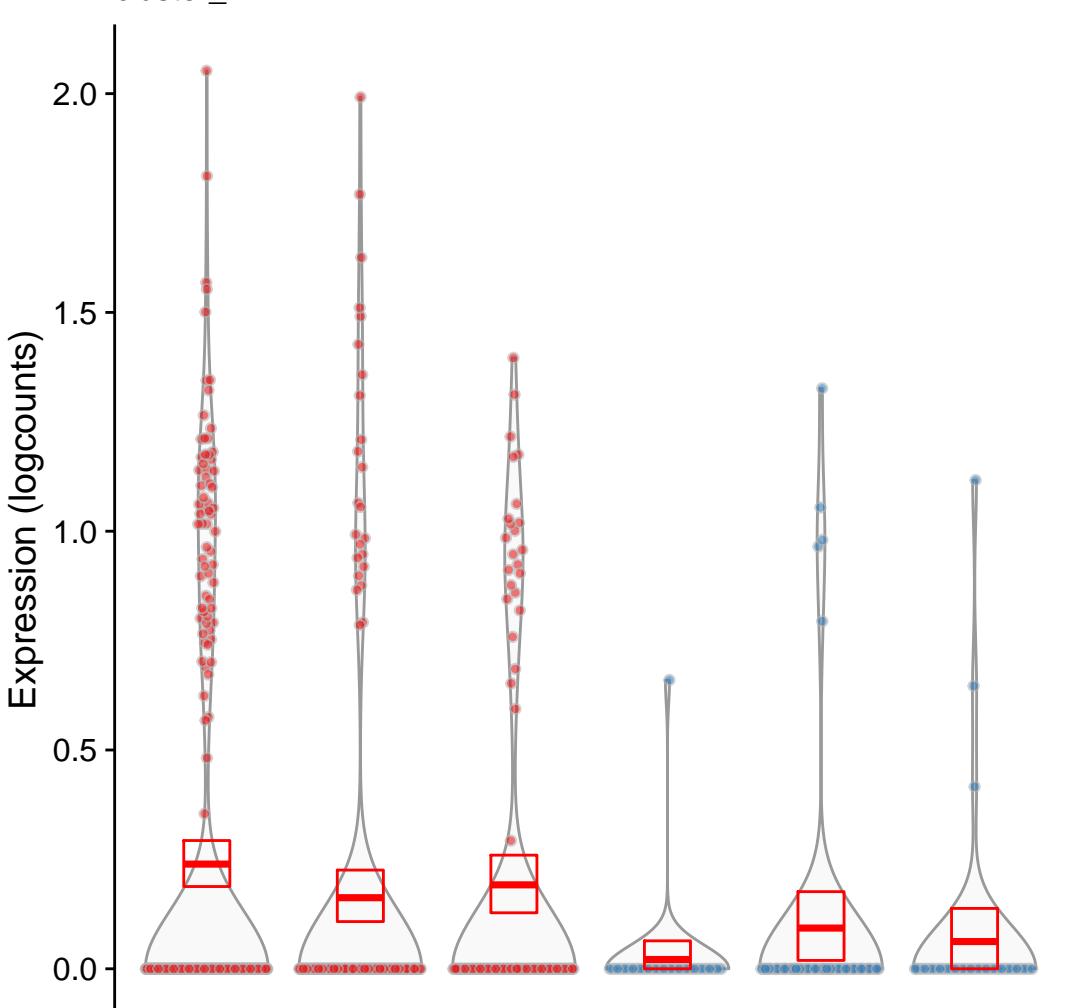
infected_3

Sample

uninfected_1

uninfected_2

uninfected_3



C4orf48 (FDR = 0.01)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

Sample

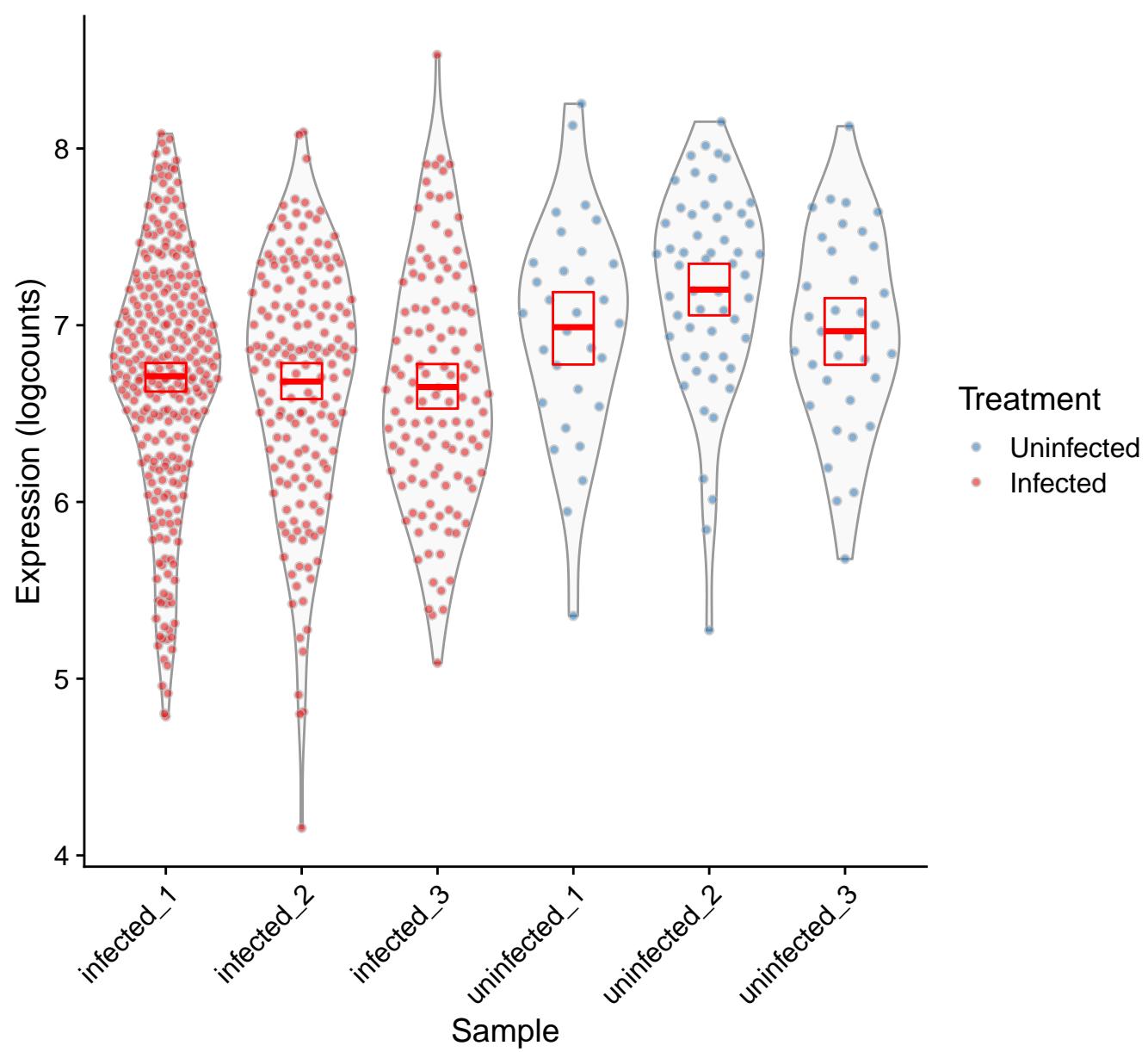
Treatment

- Uninfected
- Infected

Sample

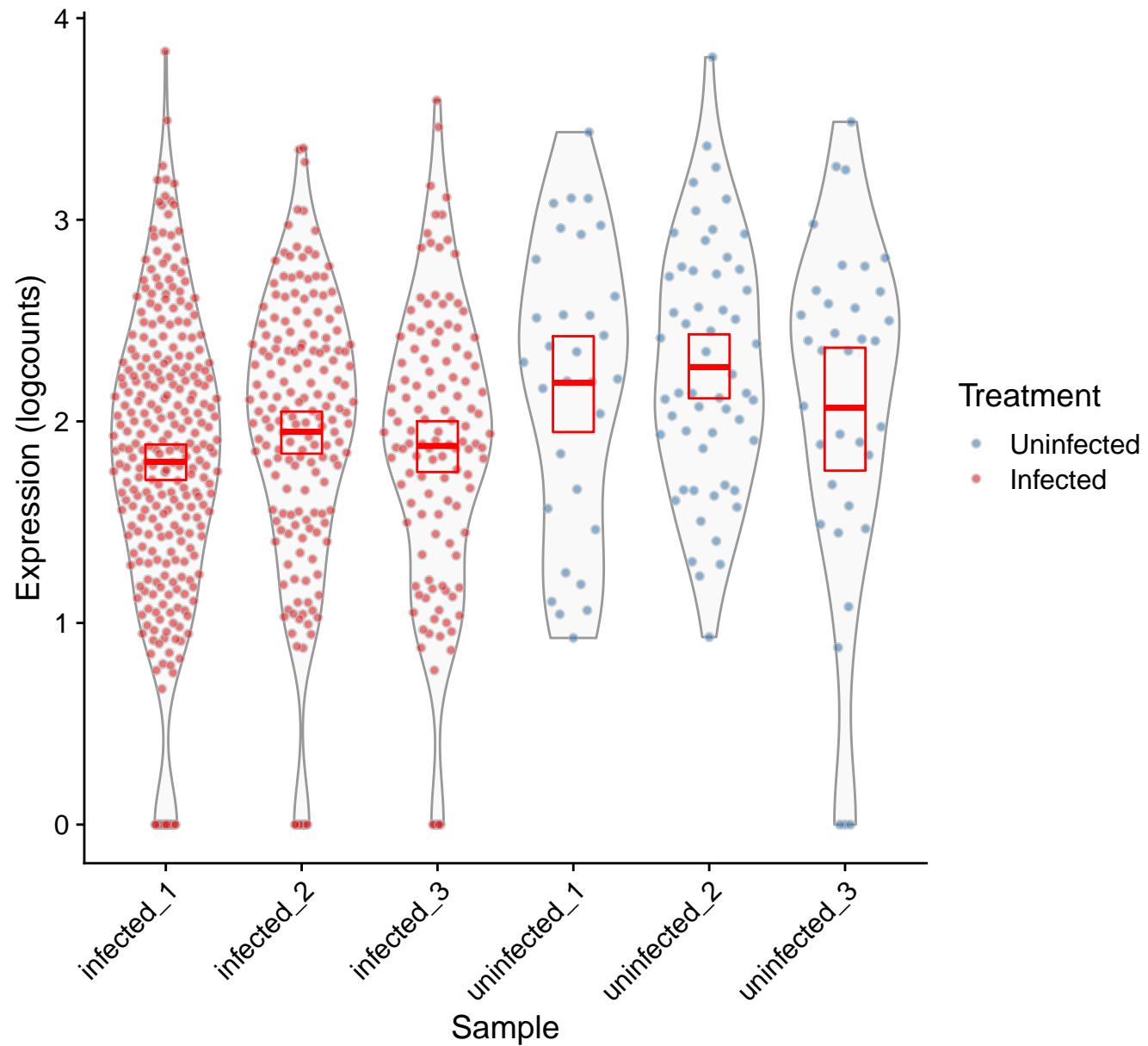
ACTB (FDR = 0.01)

cluster_1



RAN (FDR = 0.01)

cluster_1



PPP2R5C (FDR = 0.01)

cluster_1

Expression (logcounts)

3

2

1

infected_1

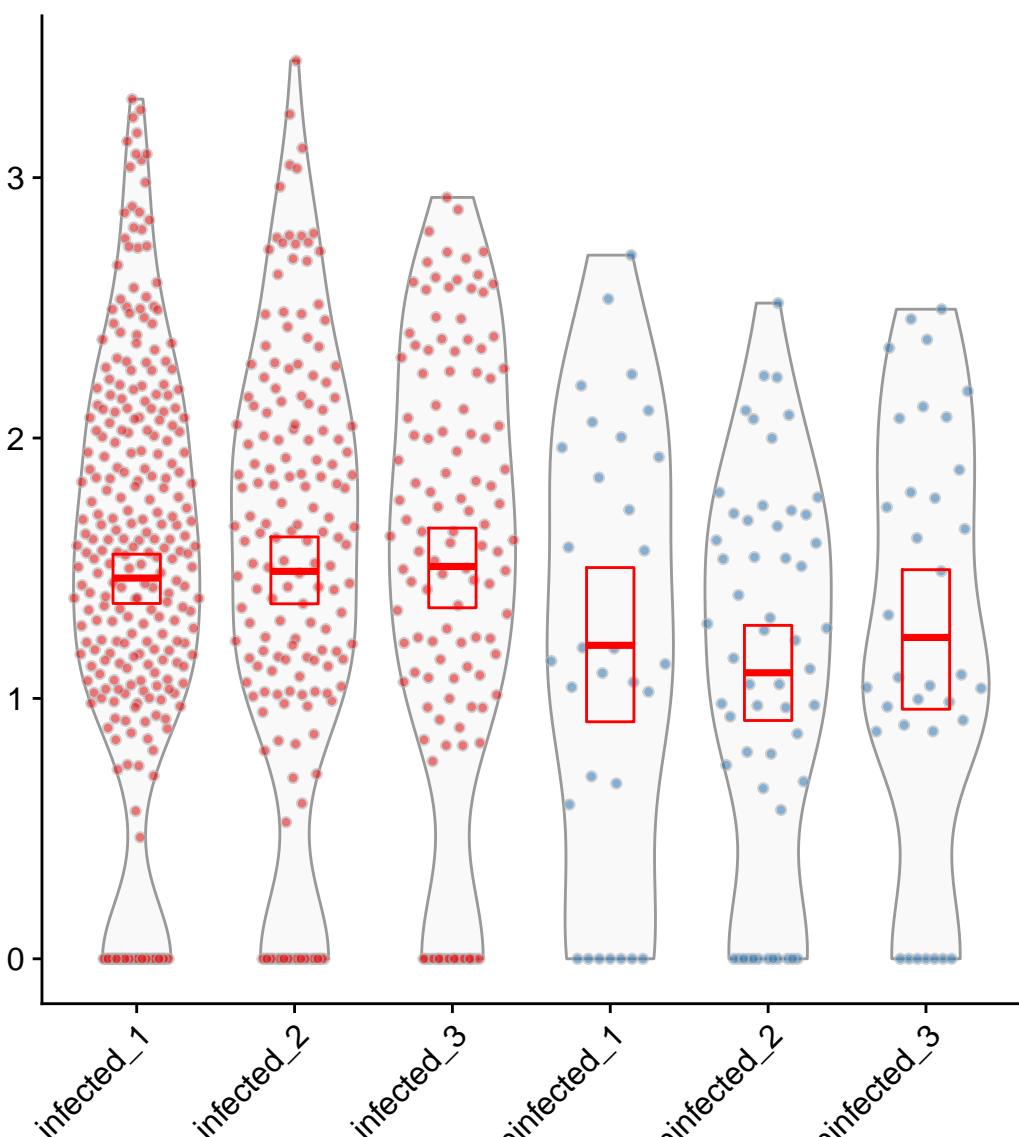
infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected



MAD1L1 (FDR = 0.02)

cluster_1

Expression (logcounts)

2.5

2.0

1.5

1.0

0.5

0.0

infected_1

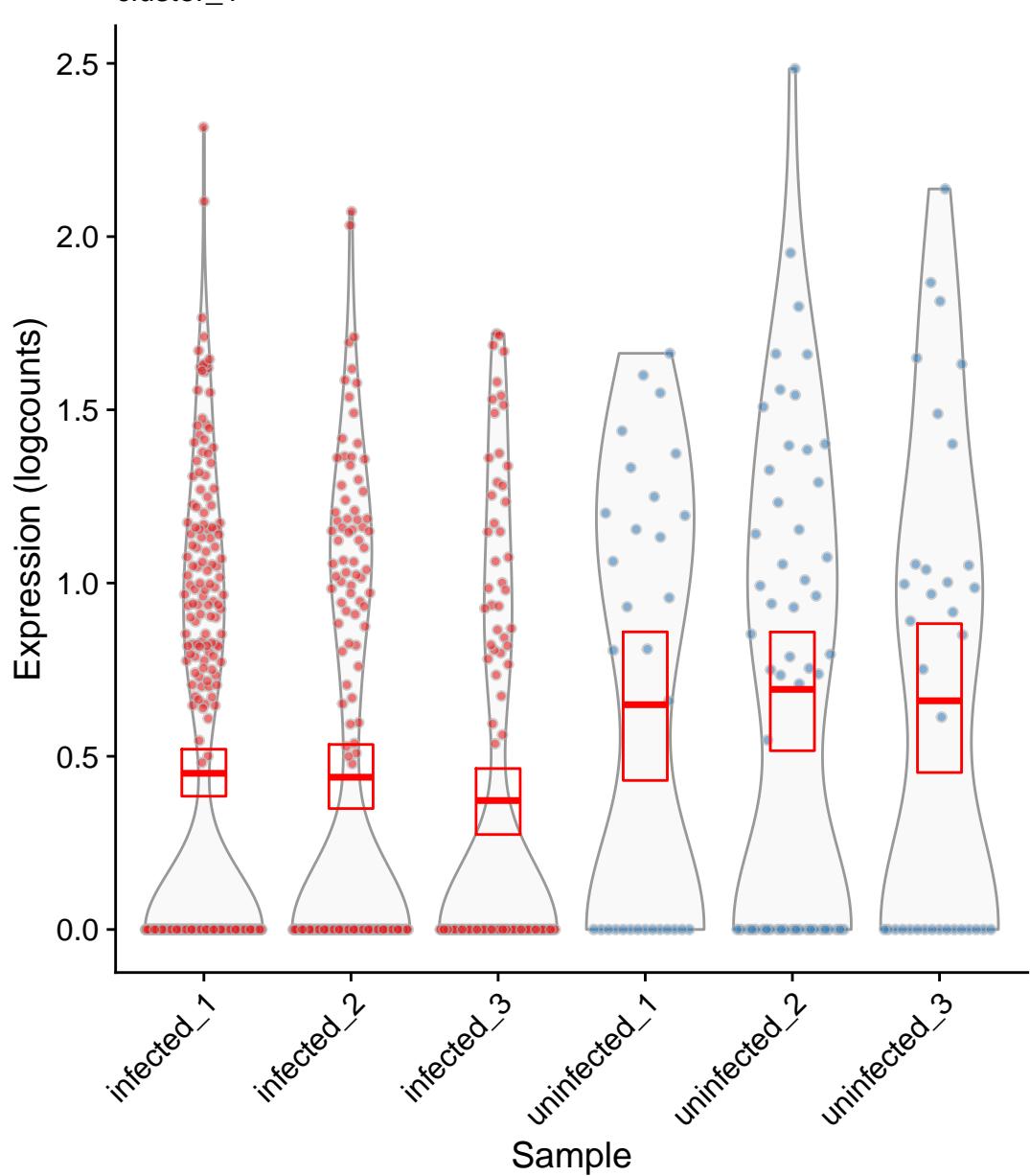
infected_2

infected_3

Sample

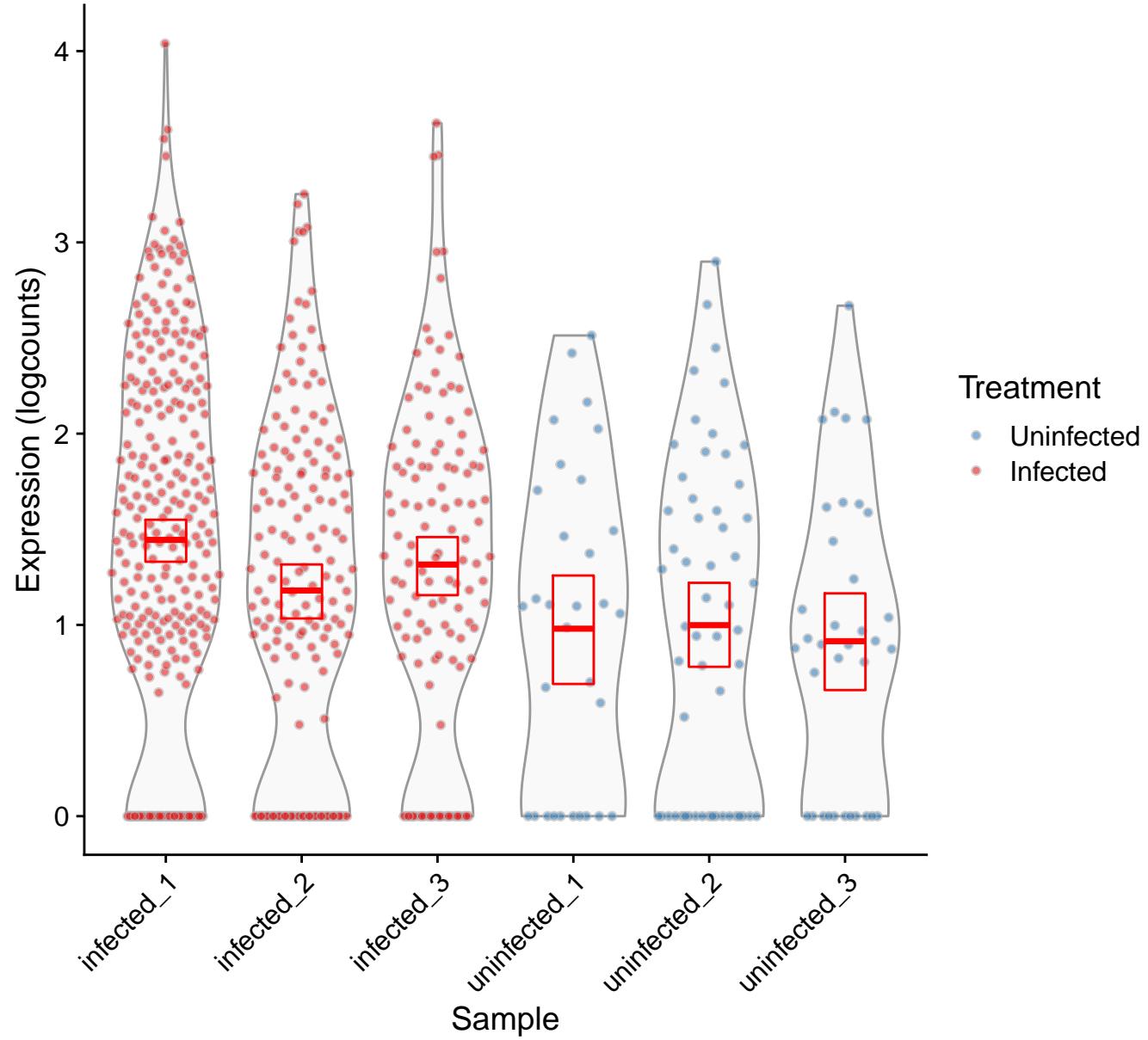
Treatment

- Uninfected
- Infected



TPR (FDR = 0.02)

cluster_1



RPS27 (FDR = 0.02)

cluster_1

Expression (logcounts)

6

5

4

3

infected_1

infected_2

infected_3

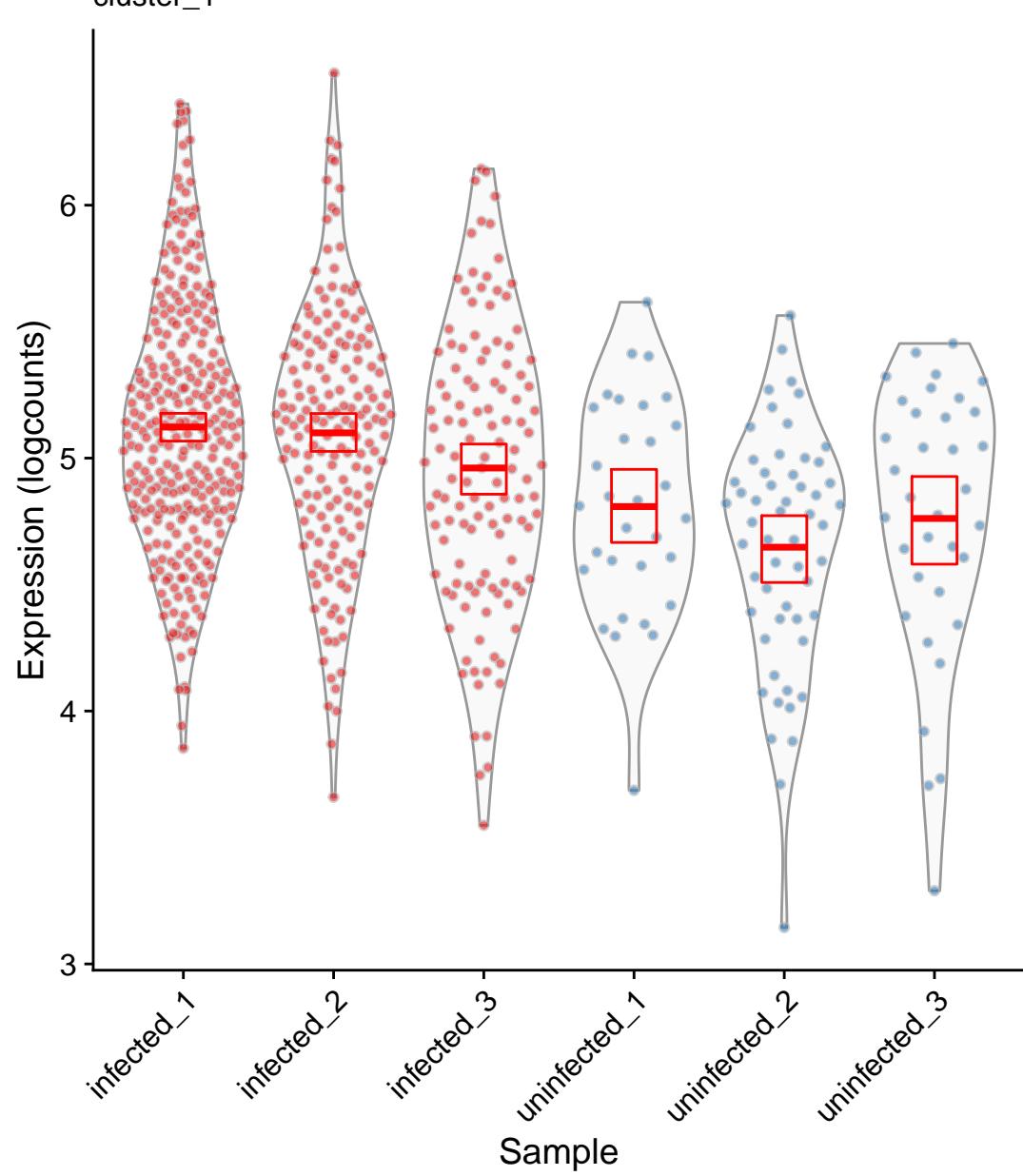
Sample

uninfected_1
uninfected_2

uninfected_3

Treatment

- Uninfected
- Infected



FAM102A (FDR = 0.02)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

Sample

Treatment

- Uninfected
- Infected

Sample

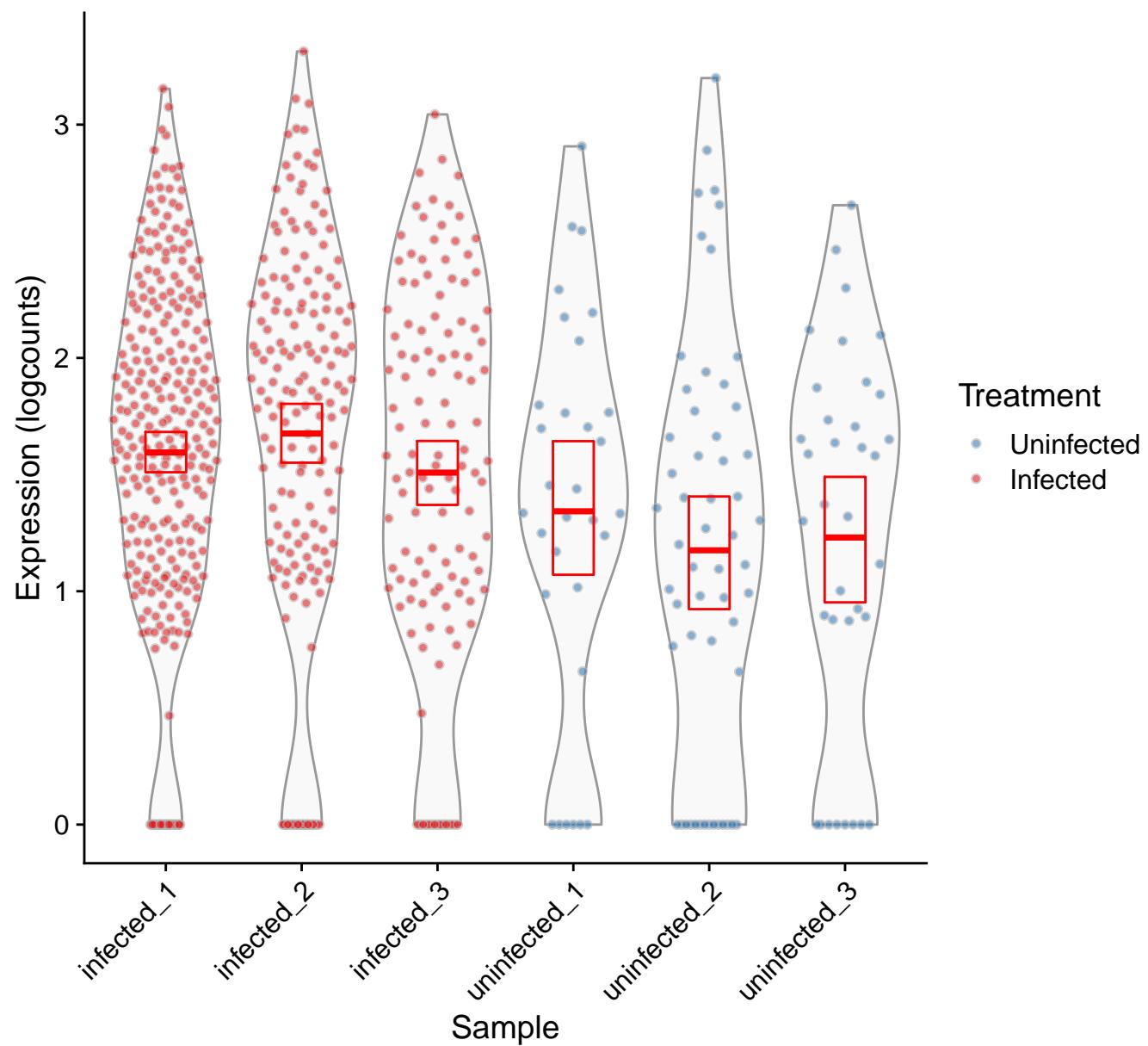
uninfected_1

uninfected_2

uninfected_3

APRT (FDR = 0.02)

cluster_1



PFKL (FDR = 0.02)

cluster_1

Expression (logcounts)

3

2

1

infected_1

infected_2

infected_3

uninfected_1

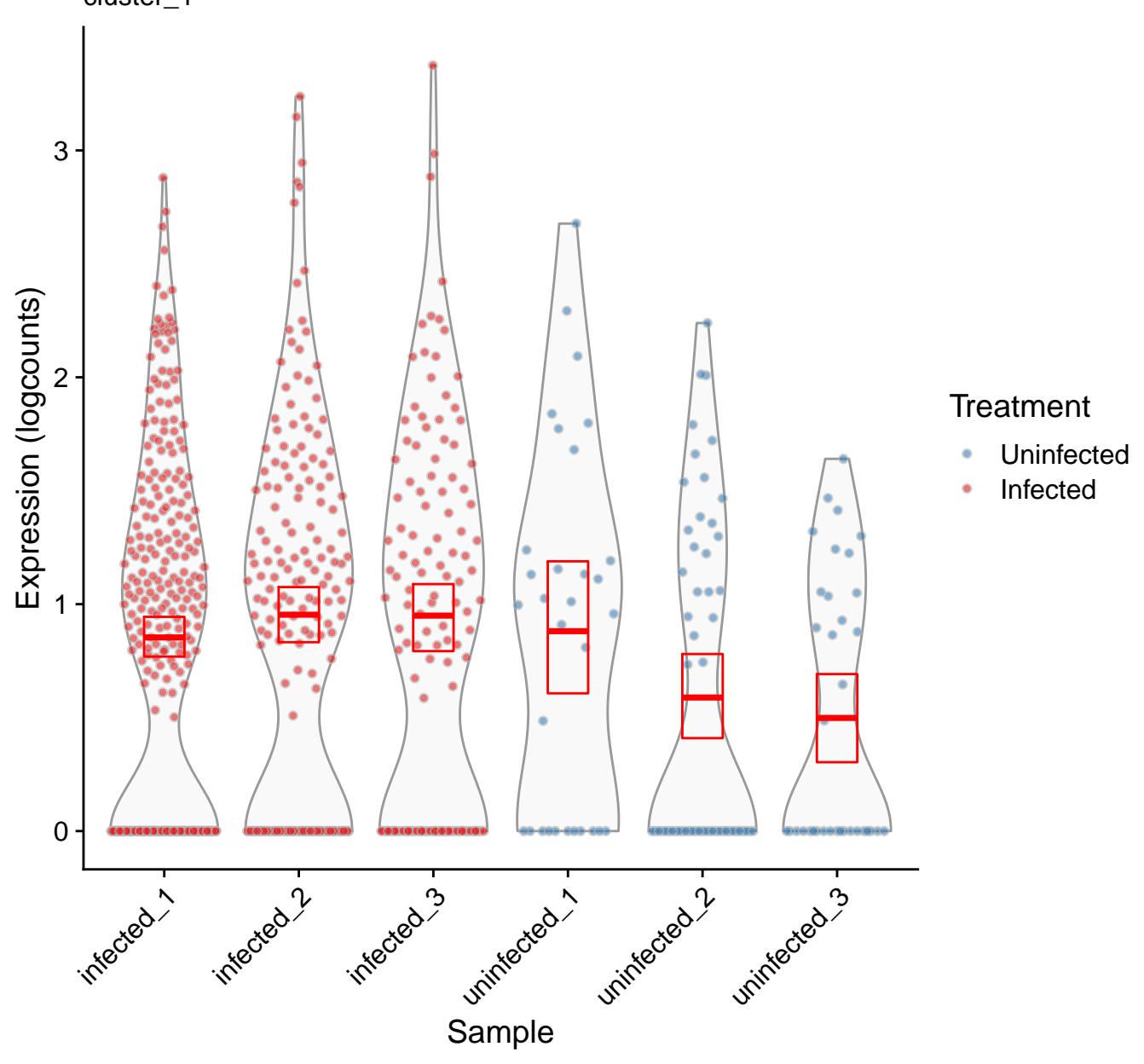
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



MUC20-OT1 (FDR = 0.02)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

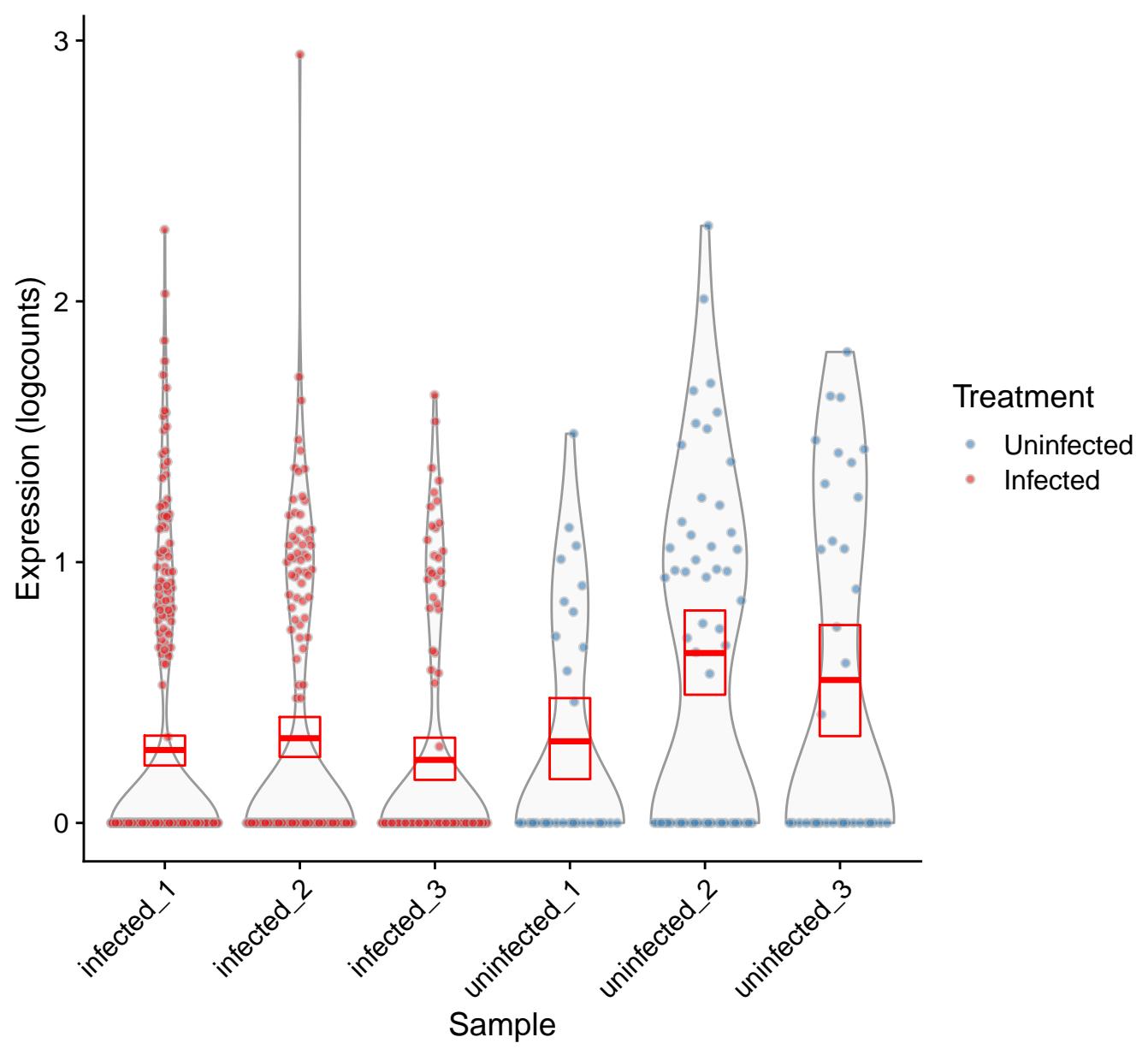
uninfected_2

uninfected_3

Sample

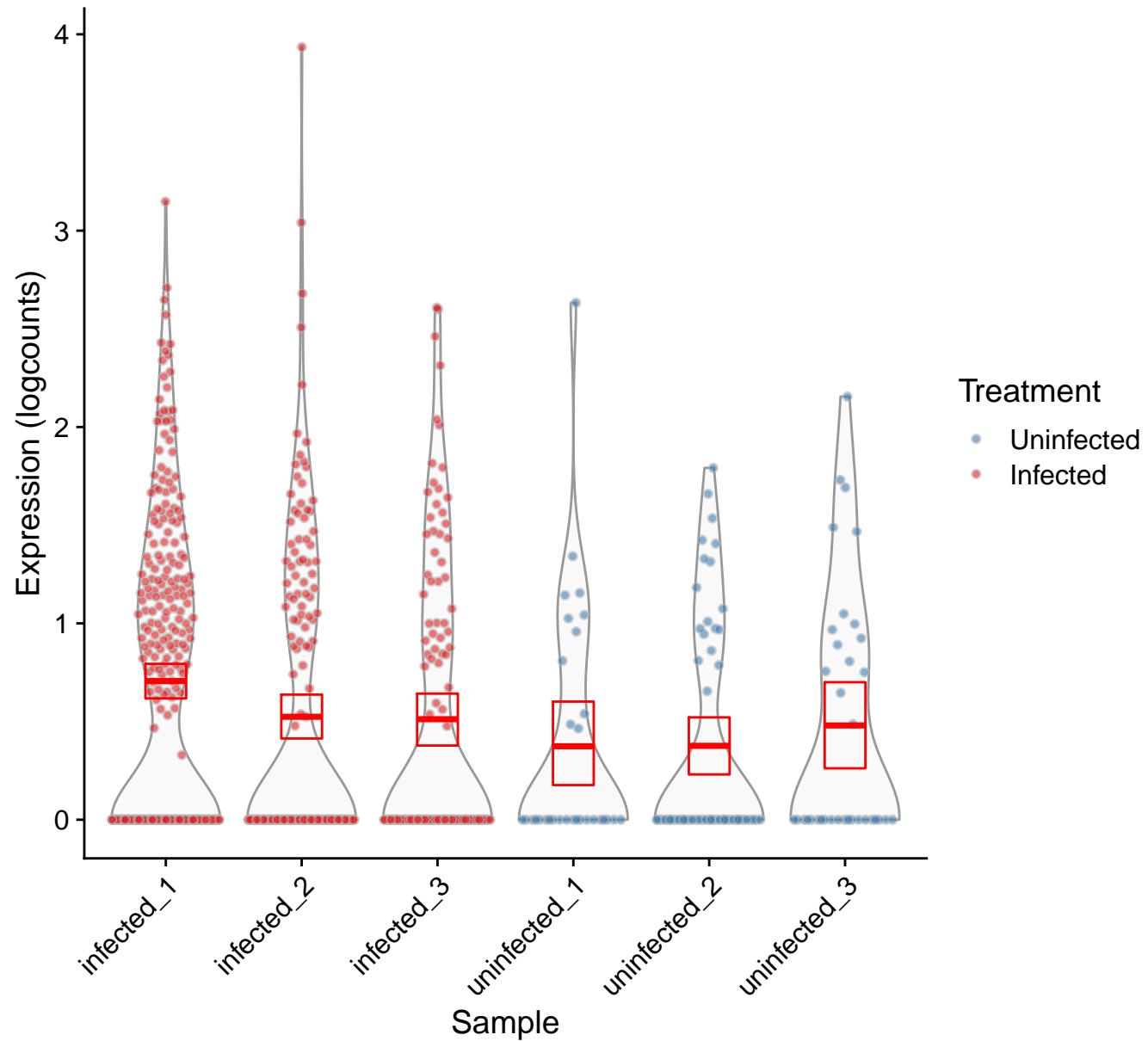
Treatment

- Uninfected
- Infected



BIRC3 (FDR = 0.02)

cluster_1



HMGB3 (FDR = 0.02)

cluster_1

Expression (logcounts)

2.0

1.5

1.0

0.5

0.0

Treatment

- Uninfected
- Infected

infected_1

infected_2

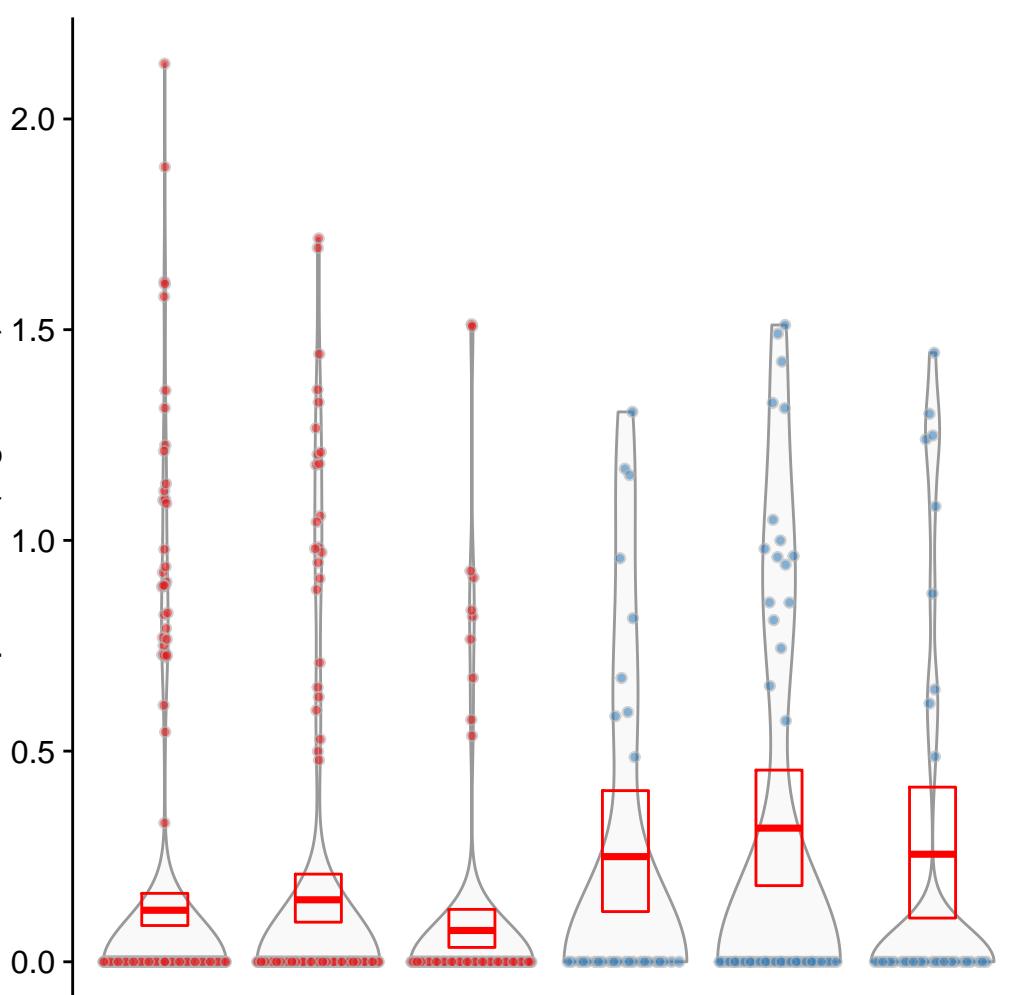
infected_3

Sample

uninfected_1

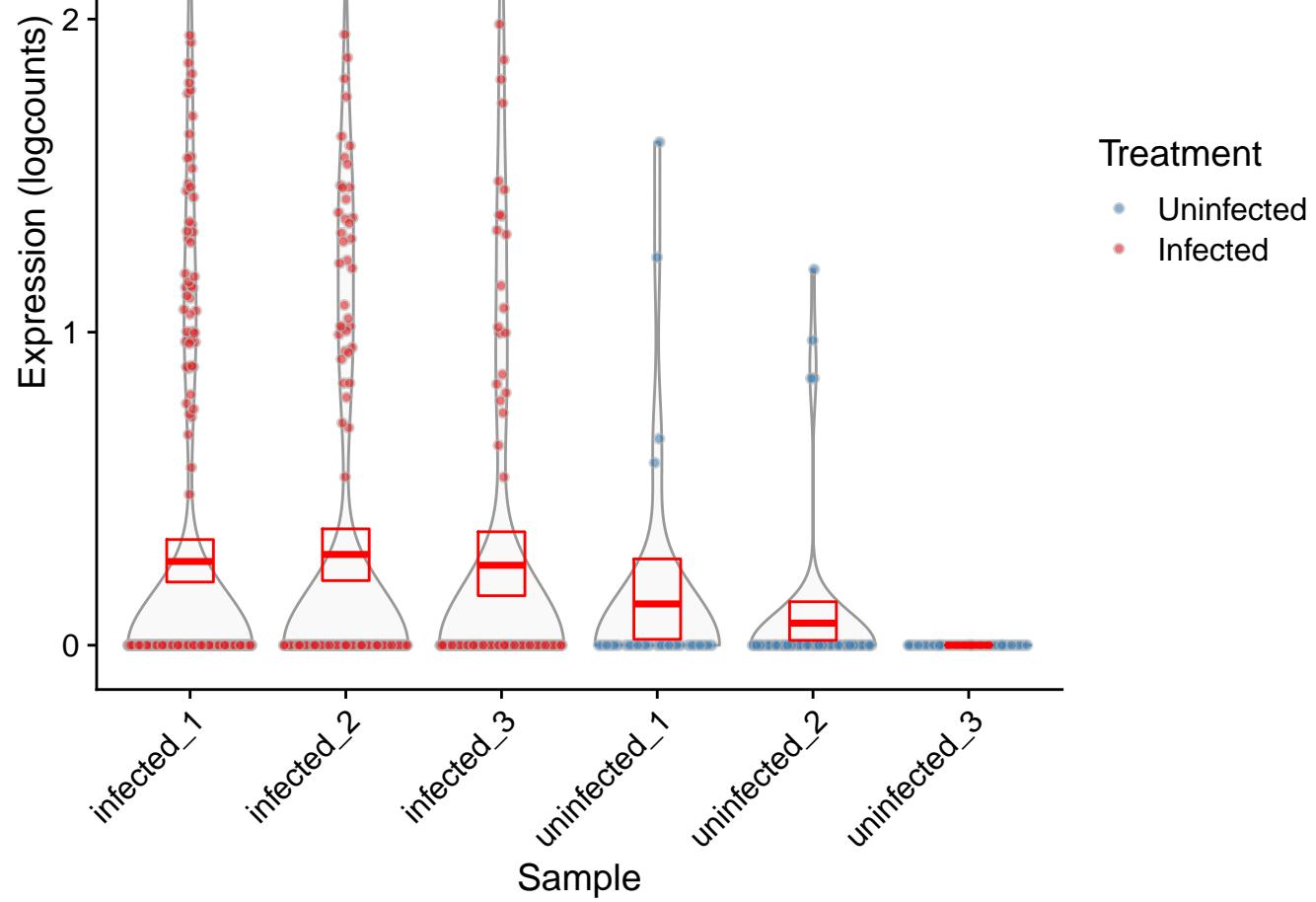
uninfected_2

uninfected_3



KLRD1 (FDR = 0.02)

cluster_1



H2AFV (FDR = 0.02)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

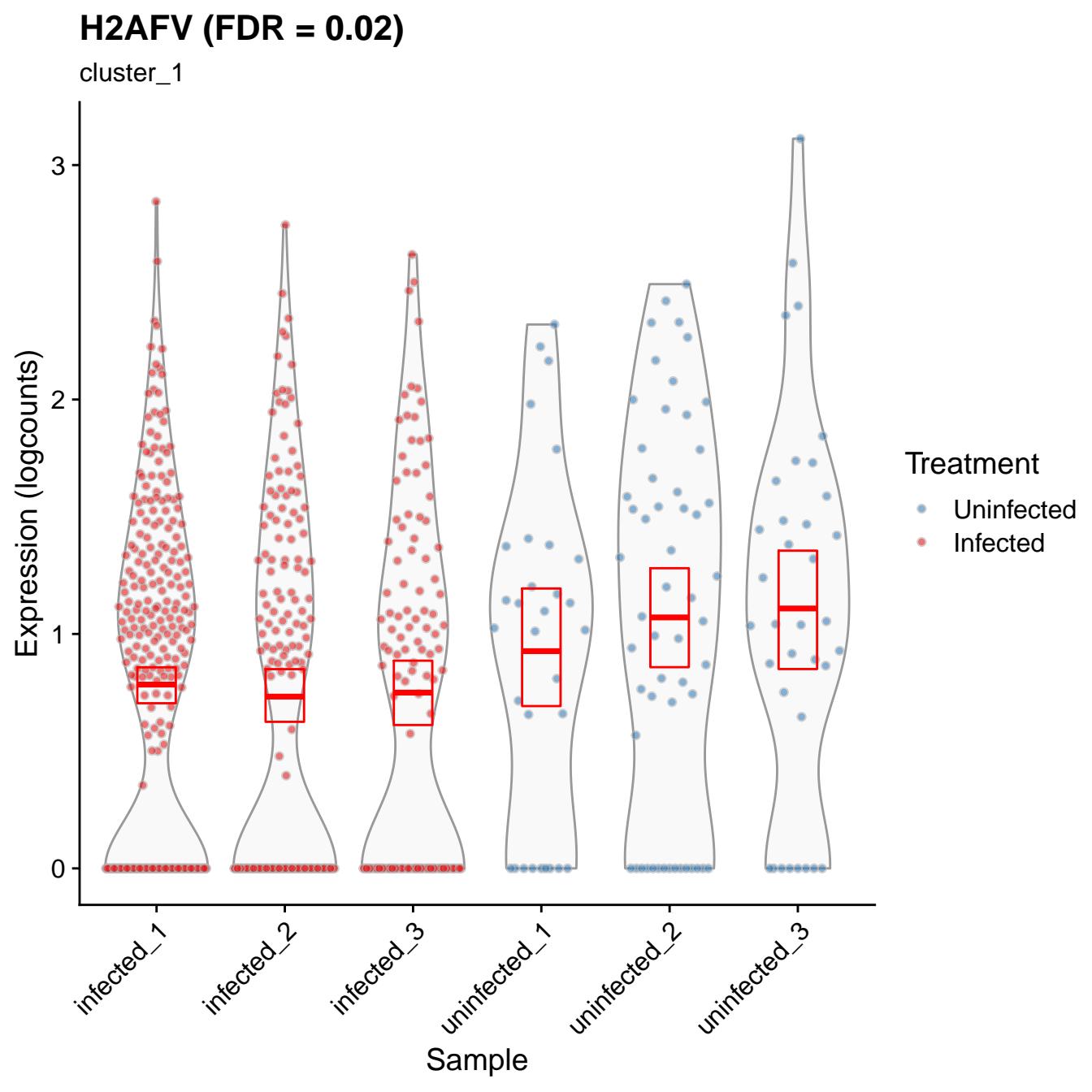
uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected



DSTN (FDR = 0.02)

cluster_1

Expression (logcounts)

3

2

1

0

infected_1

infected_2

infected_3

uninfected_1

uninfected_2

uninfected_3

Sample

Treatment

- Uninfected
- Infected

