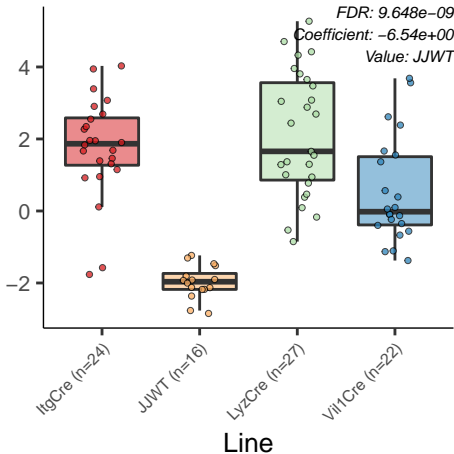
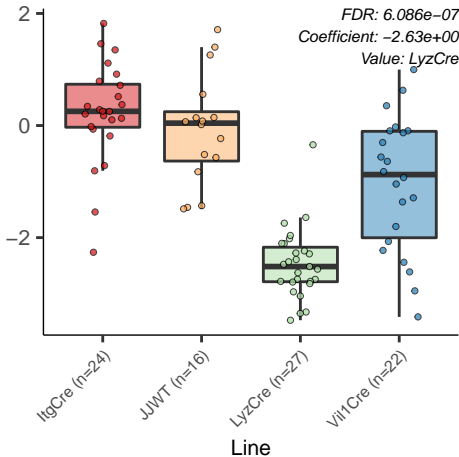


X87\_Alistipes.



X259\_Lachnoclostridium.

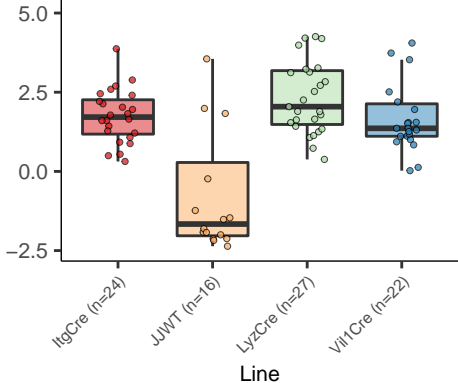


X163\_Bacteroides.vulgatus

FDR: 1.274e-06

Coefficient: -4.91e+00

Value: JJWT



X169\_Muribaculaceae..f.

FDR: 1.274e-06

Coefficient: -6.12e+00

Value: JJWT

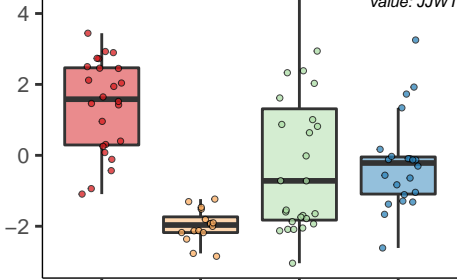
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line

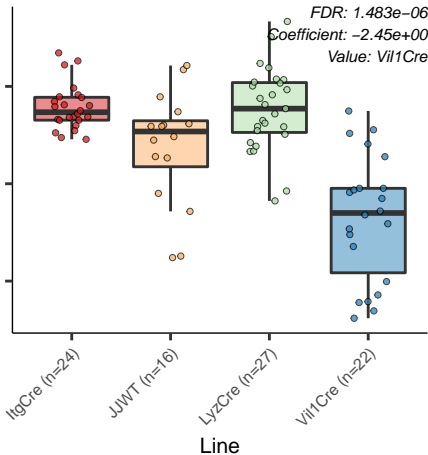


X243\_Lachnoclostridium.

FDR: 1.483e-06

Coefficient: -2.45e+00

Value: Vil1Cre

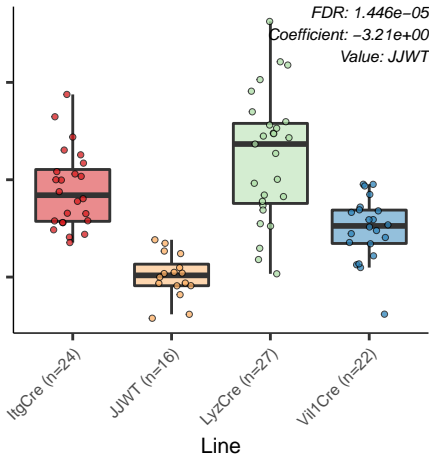


X204\_Ruminiclostridium.

FDR: 1.446e-05

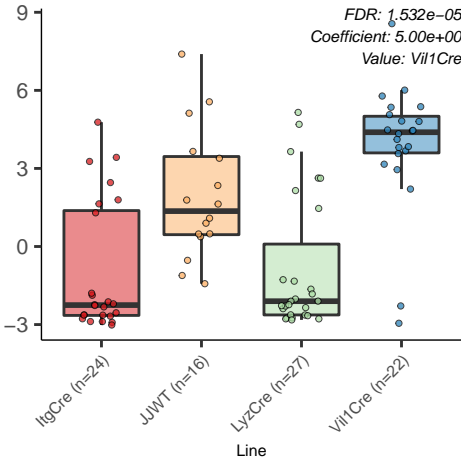
Coefficient: -3.21e+00

Value: JJWT

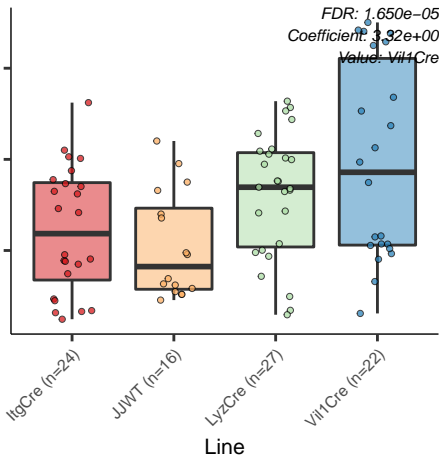


X73\_Akkermansia.muciniphila

FDR:  $1.532 \times 10^{-5}$   
Coefficient:  $5.00 \times 10^0$   
Value: Vil1Cre

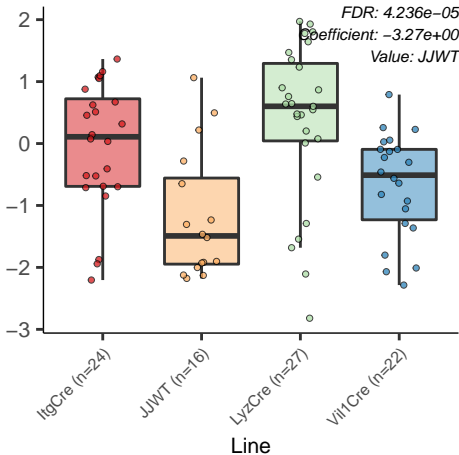


X72\_Escherichia.Shigella.

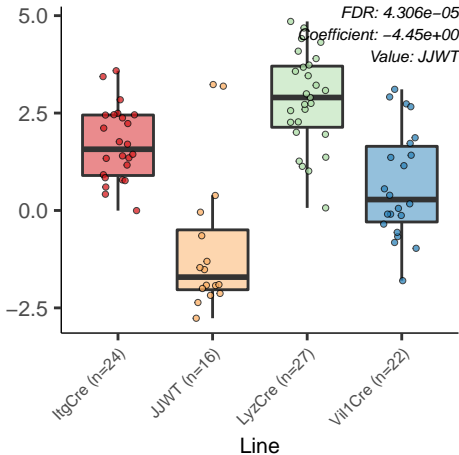




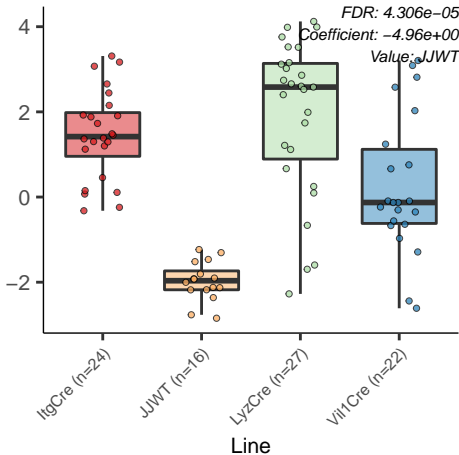
X184\_Ruminococcaceae..f.



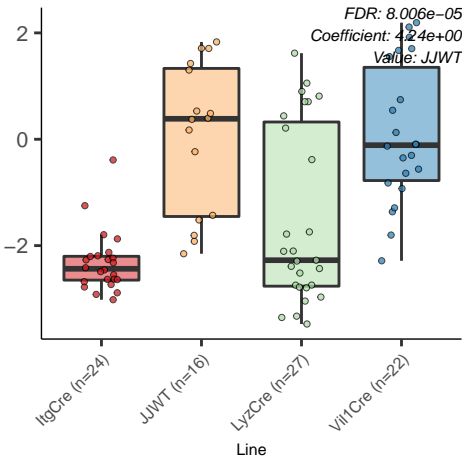
X154\_Odoribacter.



X155\_Lachnospiraceae..f.

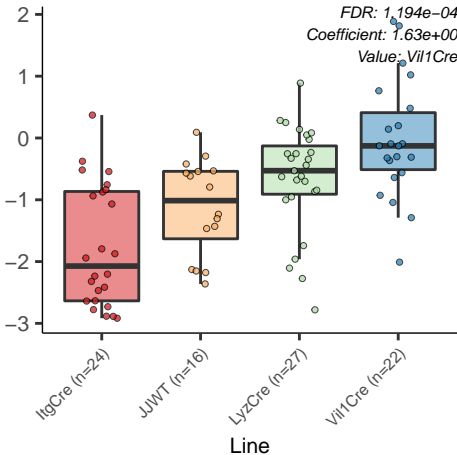


X58\_Lachnospiraceae\_NK4A136\_group.

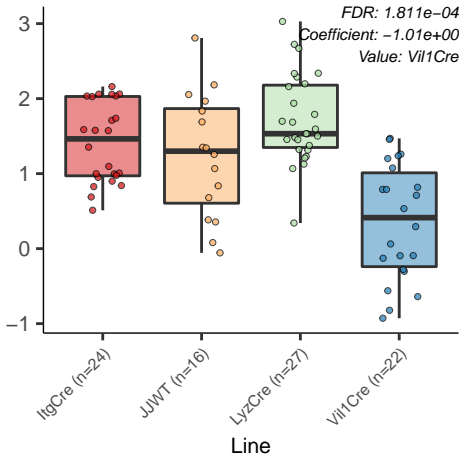


X52\_Enterorhabdus.

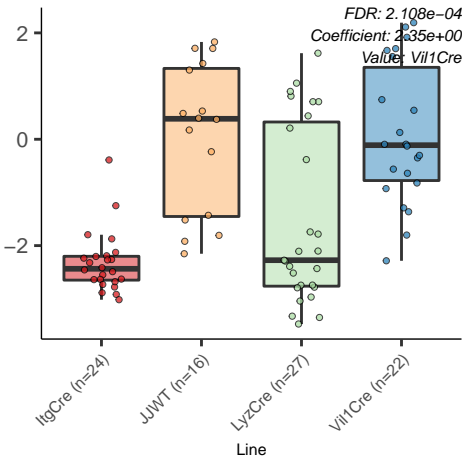
FDR:  $1.194e-04$   
Coefficient:  $1.63e+00$   
Value: Vil1Cre



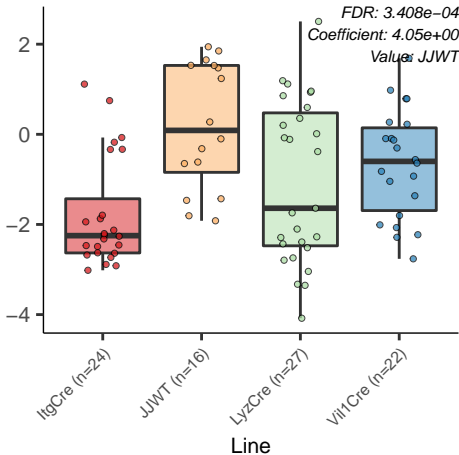
X83\_Ruminiclostridium\_9.



X58\_Lachnospiraceae\_NK4A136\_group.



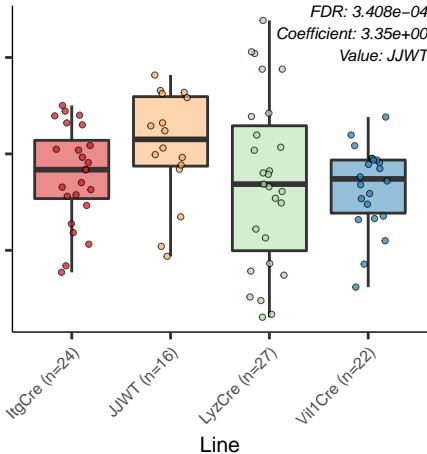
X61\_Lachnospiraceae..f.



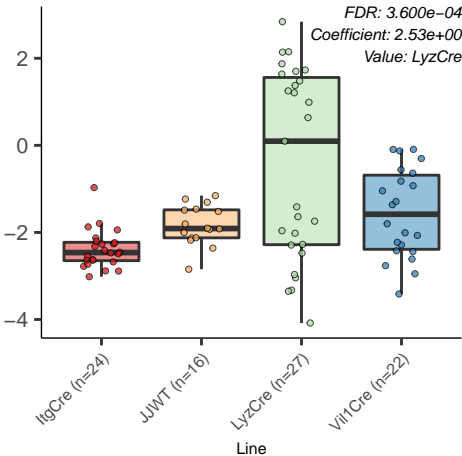


X291\_Lachnospiraceae..f.

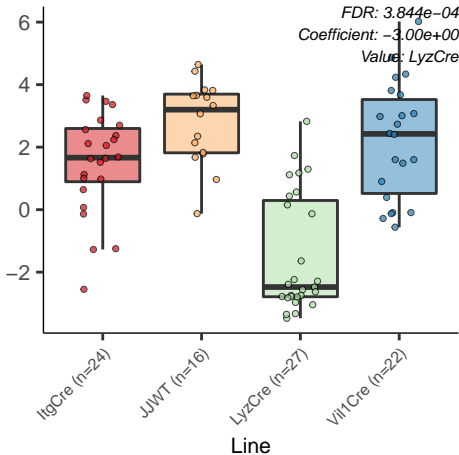
*FDR: 3.408e-04*  
*Coefficient: 3.35e+00*  
*Value: JJWT*



X279\_Lachnospiraceae\_UCG.006.

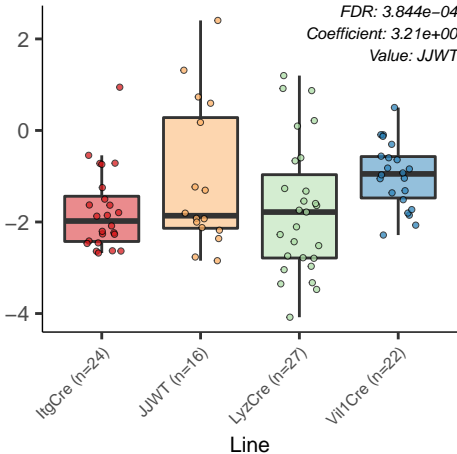


X56\_Muribaculaceae..f.



X108\_Lachnospiraceae..f.

*FDR: 3.844e-04*  
*Coefficient: 3.21e+00*  
*Value: JJWT*

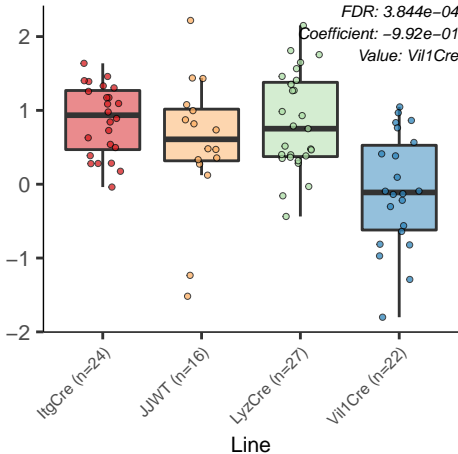


X127\_Ruminococcaceae..f.

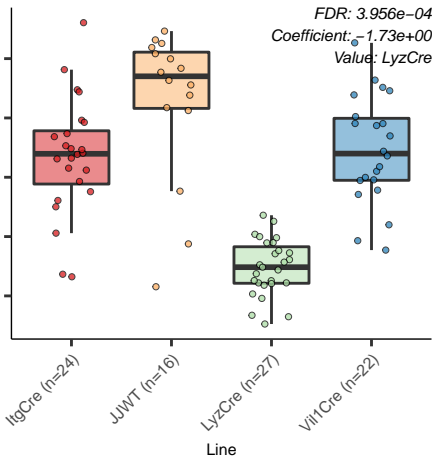
FDR: 3.844e-04

Coefficient: -9.92e-01

Value: Vil1Cre



X137\_Defluviitaleaceae\_UCG.011.

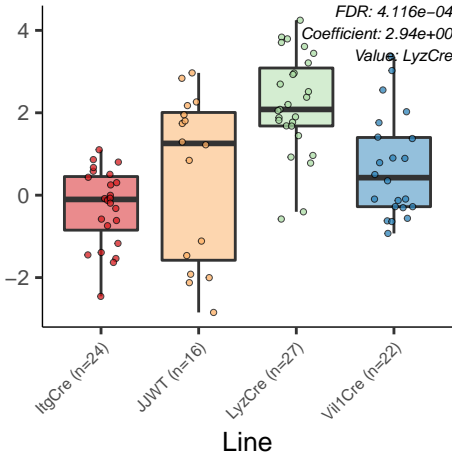


X34\_A2.

FDR: 4.116e-04

Coefficient: 2.94e+00

Value: LyzCre

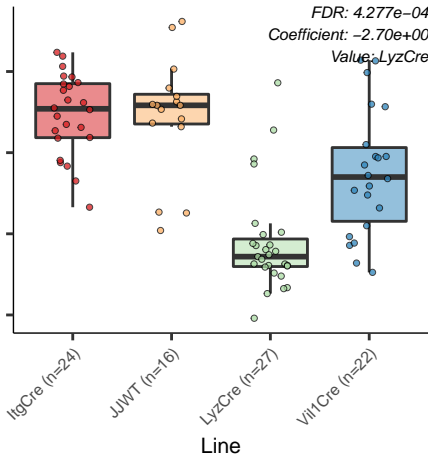


X40\_Lachnospiraceae..f.

FDR: 4.277e-04

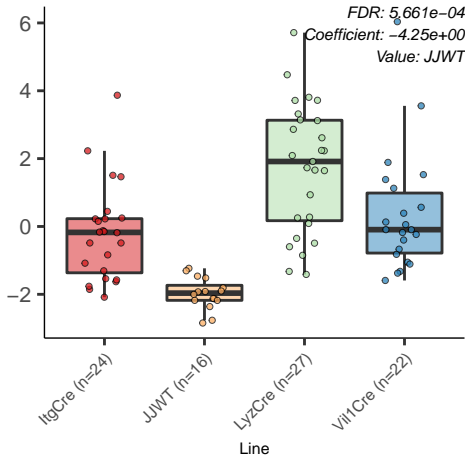
Coefficient: -2.70e+00

Value: LyzCre

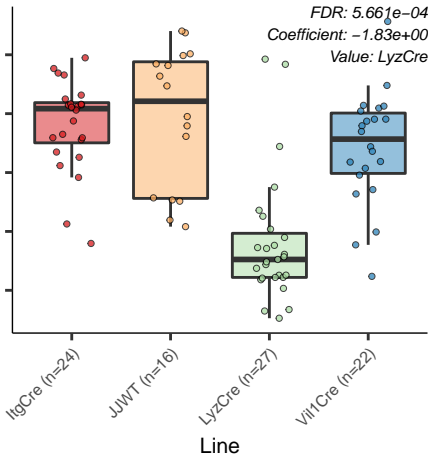




X156\_Bacteroides.acidifaciens



X209\_Lachnospiraceae..f.



X169\_Muribaculaceae..f.

FDR: 5.725e-04

Coefficient: -2.62e+00

Value: LyzCre

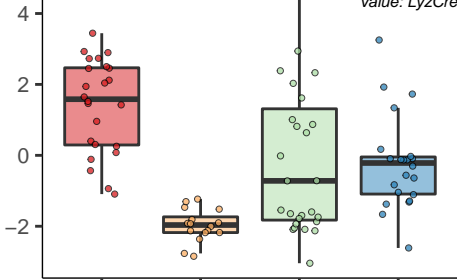
ItgCre (n=24)

JJWT (n=16)

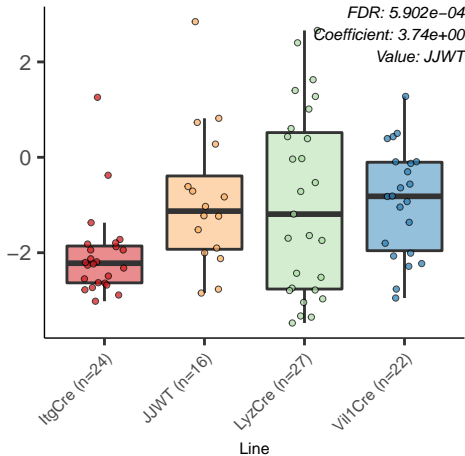
LyzCre (n=27)

Vll1Cre (n=22)

Line



X94\_Lachnospiraceae\_NK4A136\_group.bacterium



X303\_Ruminococcaceae...f.

FDR: 5.902e-04

Coefficient: 1.62e+00

Value: LyzCre

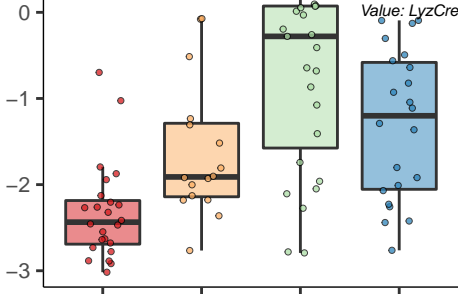
ItgCre (n=24)

JJWT (n=16)

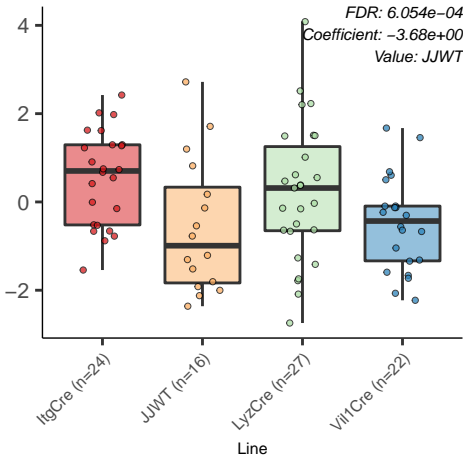
LyzCre (n=27)

Vll1Cre (n=22)

Line



X147\_Lachnospiraceae\_NK4A136\_group.

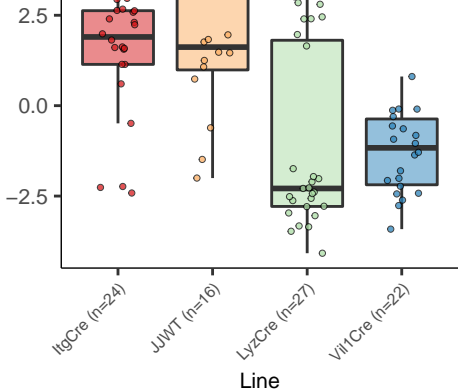


X238\_Lachnoclostridium.

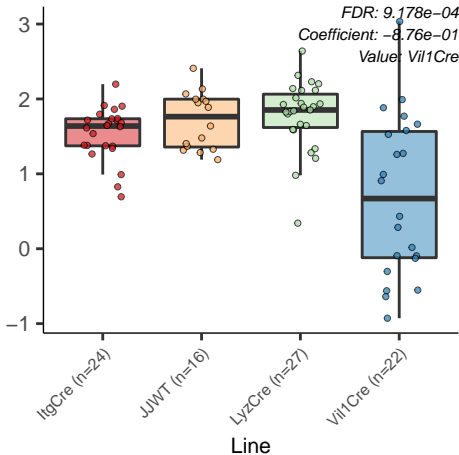
FDR:  $9.082e-04$

Coefficient:  $-2.86e+00$

Value:  $Vil1Cre$

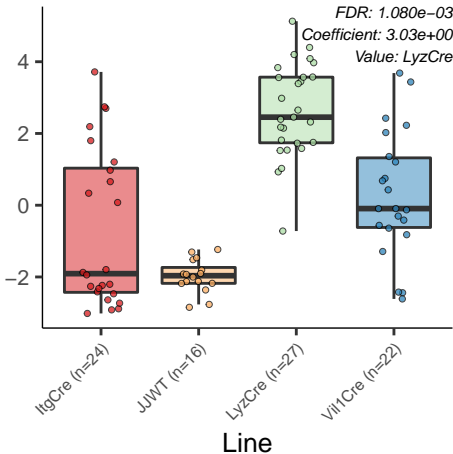


X241\_Peptococcaceae..f.

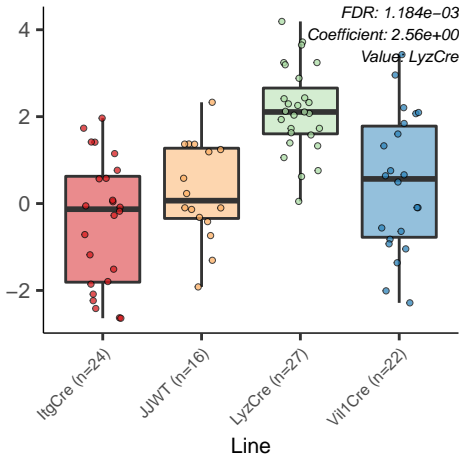




X242\_Alistipes.

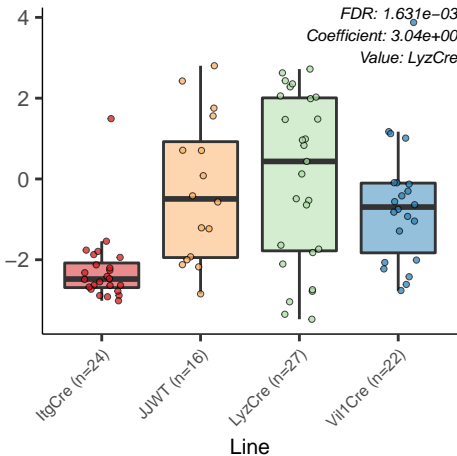


X60\_Lachnospiraceae..f.

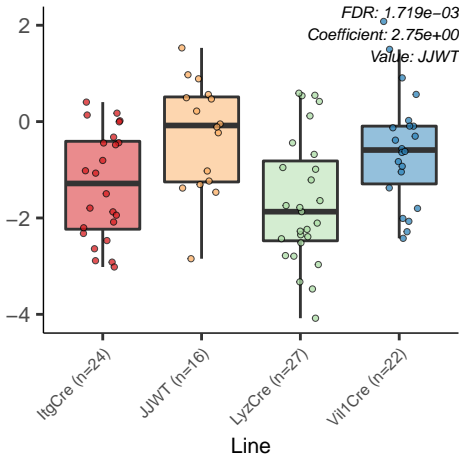


X20\_Lachnospiraceae..f.

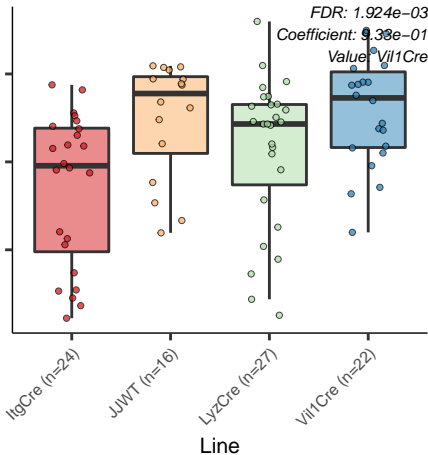
FDR: 1.631e-03  
Coefficient: 3.04e+00  
Value: LyzCre



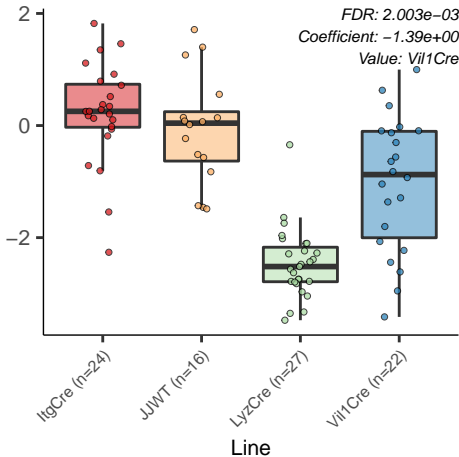
X258\_Muribaculaceae..f.



X228\_Intestinimonas.



X259\_Lachnoclostridium.



X300\_Ruminococcaceae...f.

0  
-1  
-2  
-3

ItgCre (n=24)

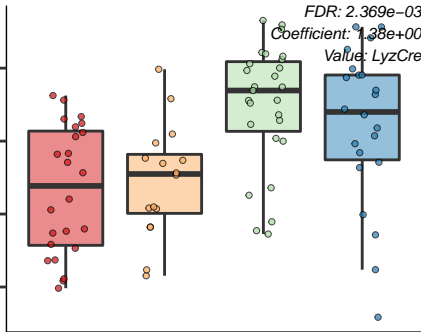
JJWT (n=16)

LyzCre (n=27)

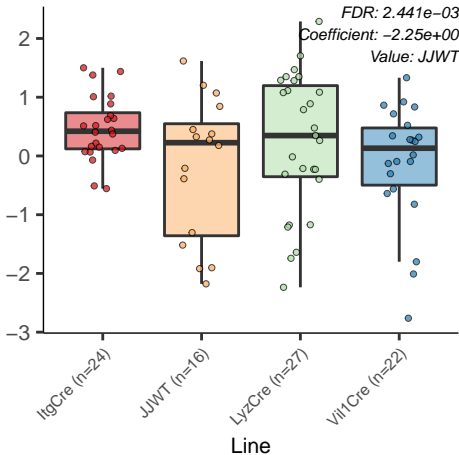
Vil1Cre (n=22)

Line

FDR: 2.369e-03  
Coefficient: 1.38e+00  
Value: LyzCre

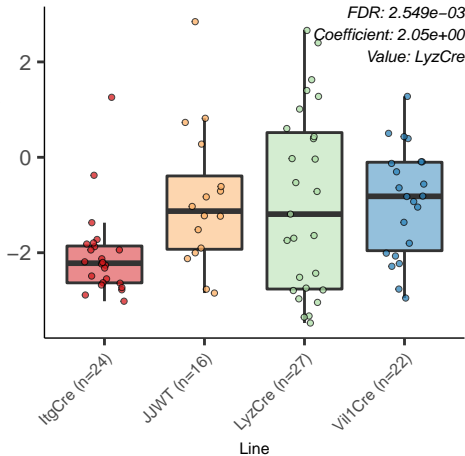


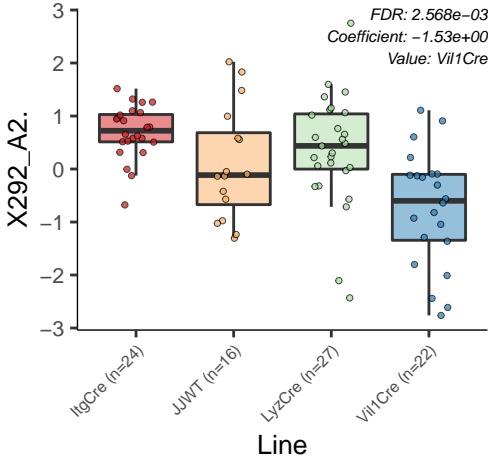
X97\_GCA.900066575.



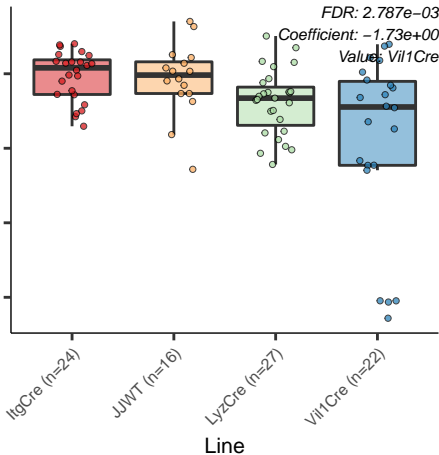


X94\_Lachnospiraceae\_NK4A136\_group.bacterium

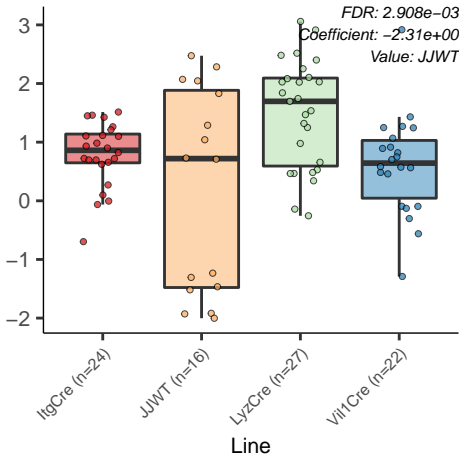




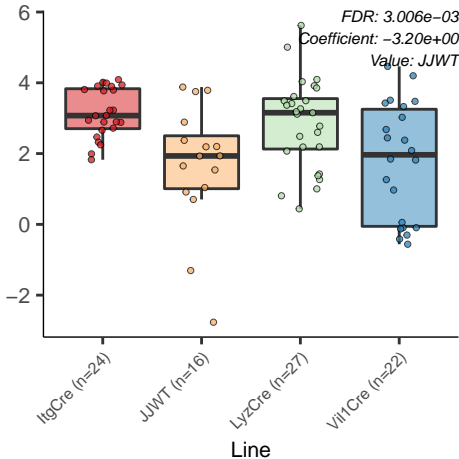
X19\_Muribaculaceae..f.



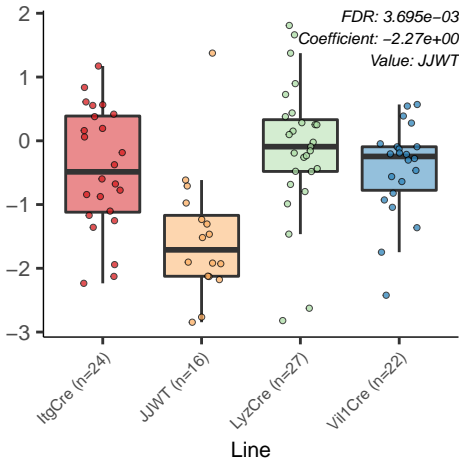
X88\_Anaerotruncus.



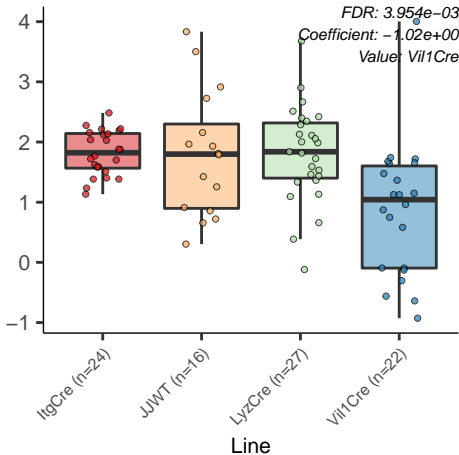
X22\_Muribaculaceae..f.



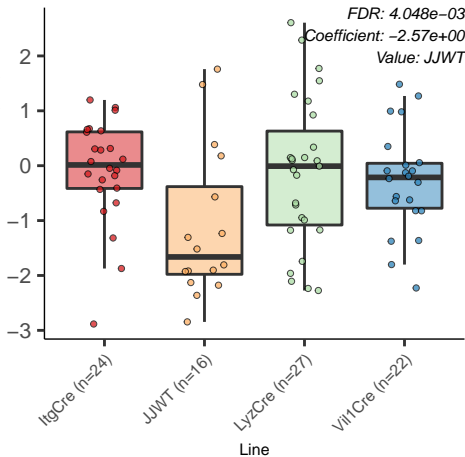
X250\_Ruminococcaceae..f.



X176\_Lachnoclostridium.



X270\_Rikenellaceae\_RC9\_gut\_group.





X24\_Lactobacillus.intestinalis

FDR:  $4.926e-03$   
Coefficient:  $-2.84e+00$   
Value: LyzCre

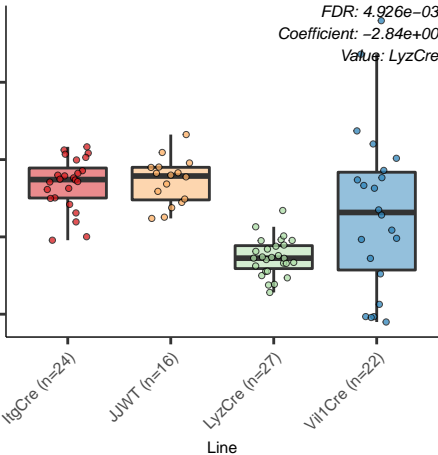
ItgCre (n=24)

JJWT (n=16)

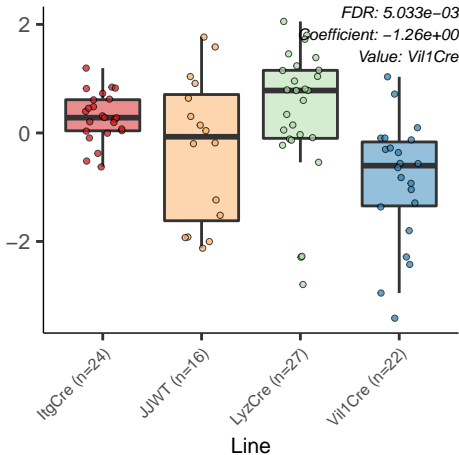
LyzCre (n=27)

Vil1Cre (n=22)

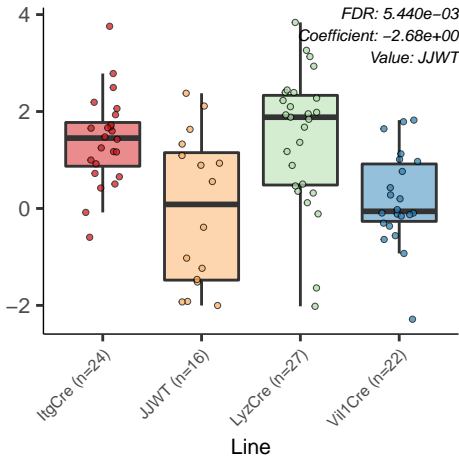
Line



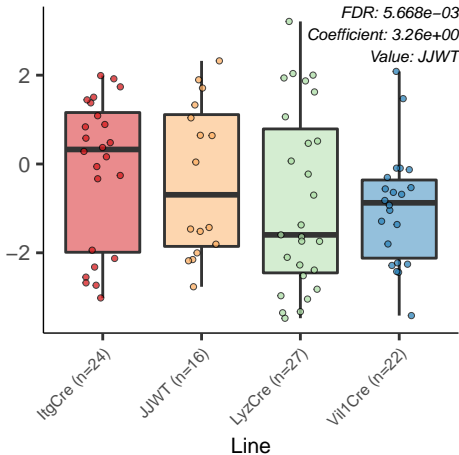
X226\_Oscillibacter.



X93\_Lachnospiraceae..f.

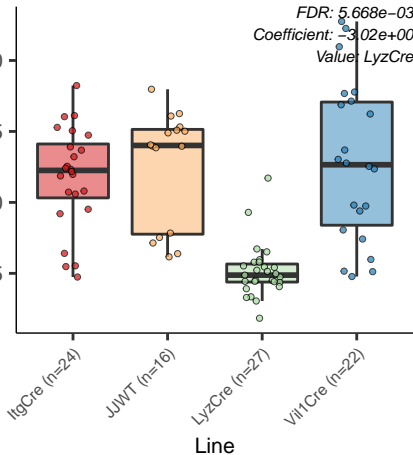


X191\_Lachnospiraceae..f.



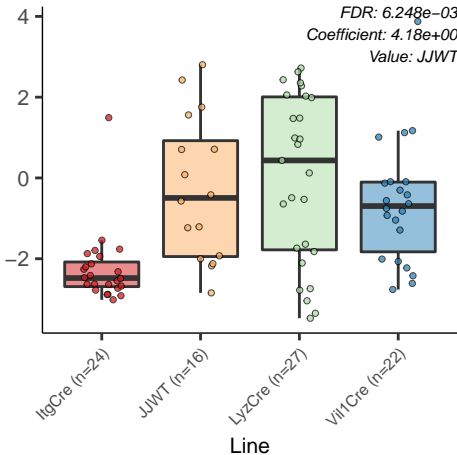
X240\_Bifidobacterium.

FDR:  $5.668e-03$   
Coefficient:  $-3.02e+00$   
Value: LyzCre



X20\_Lachnospiraceae..f.

FDR:  $6.248 \times 10^{-3}$   
Coefficient:  $4.18 \times 10^0$   
Value: JJWT

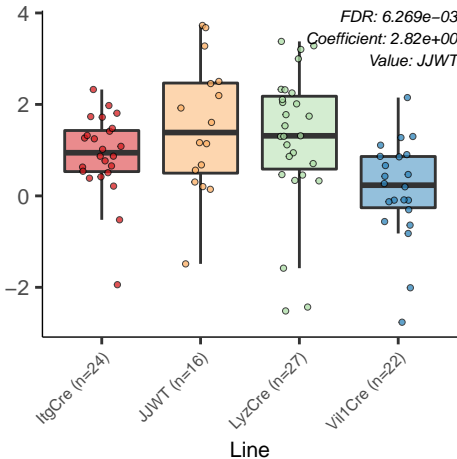


X182\_Lachnospiraceae..f.

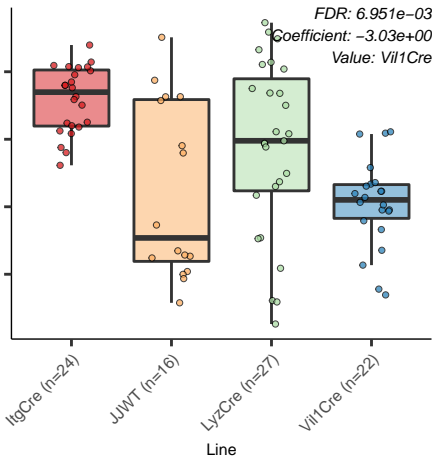
FDR: 6.269e-03

Coefficient: 2.82e+00

Value: JJWT



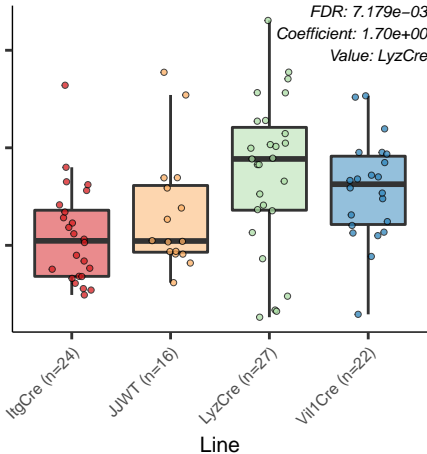
X70\_Lachnospiraceae\_NK4A136\_group.





X116\_Ruminiclostridium\_9.

FDR: 7.179e-03  
Coefficient: 1.70e+00  
Value: LyzCre

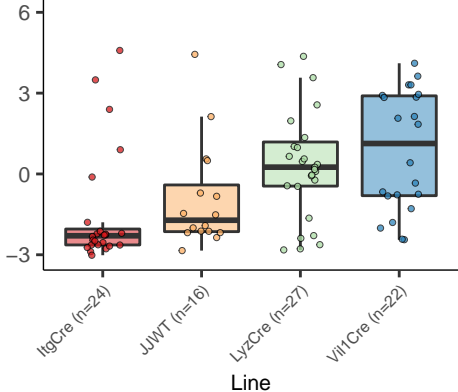


X123\_Enterococcus.

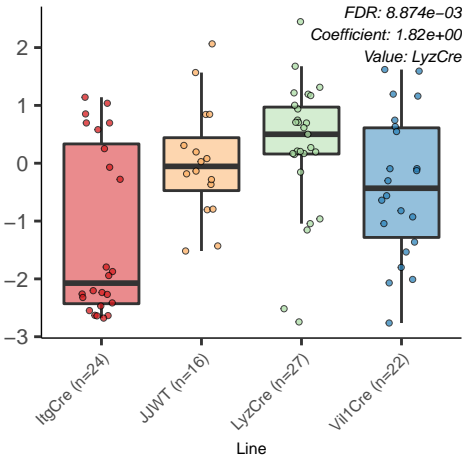
*FDR: 7.792e-03*

*Coefficient: 2.46e+00*

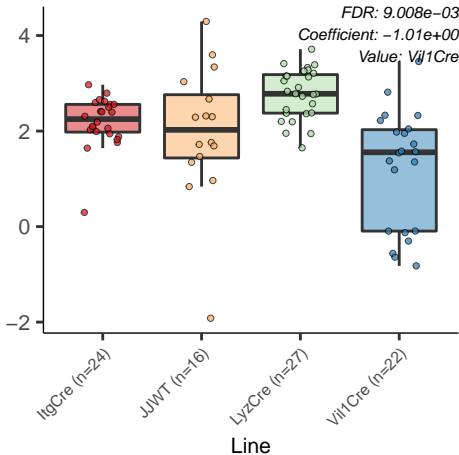
*Value: Vil1Cre*



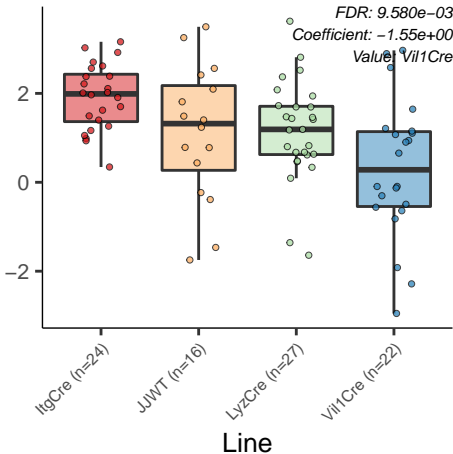
X109\_Lachnospiraceae\_NK4A136\_group.



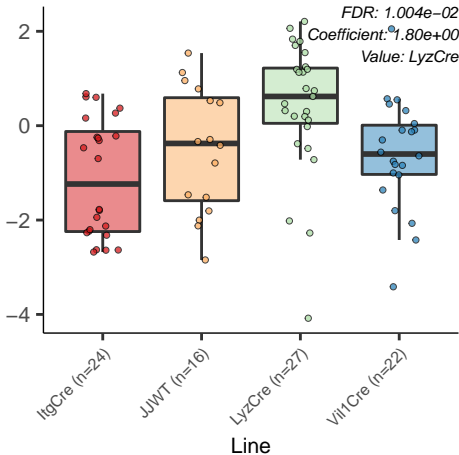
X31\_Lachnospiraceae..f.



X195\_Roseburia.

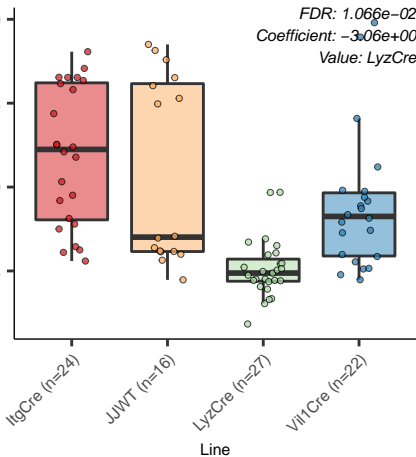


X129\_Intestinimonas.

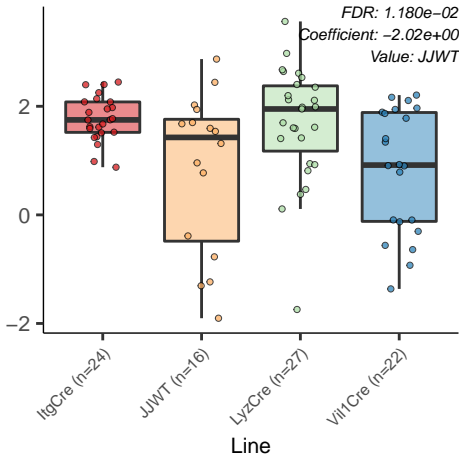


X234\_Lachnospiraceae\_UCG.006.bacterium

FDR: 1.066e-02  
Coefficient: -3.06e+00  
Value: LyzCre



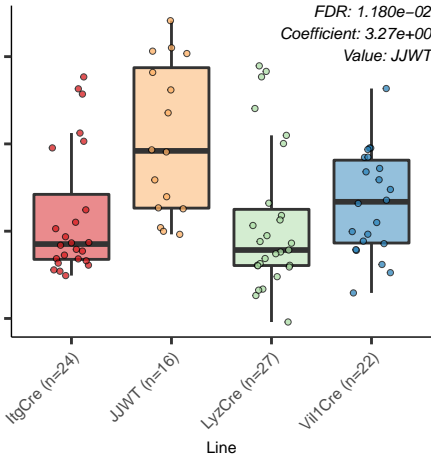
X84\_Intestinimonas.





X294\_Lachnospiraceae\_NK4A136\_group.

FDR: 1.180e-02  
Coefficient: 3.27e+00  
Value: JJWT



X114\_Lachnospiraceae..f.

-2  
0  
2

ItgCre (n=24)

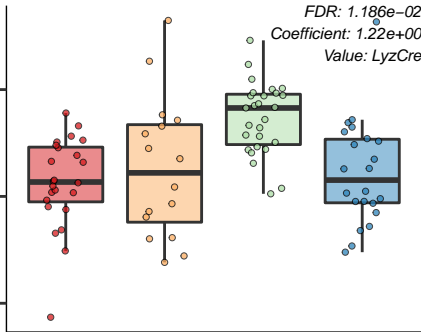
JJWT (n=16)

LyzCre (n=27)

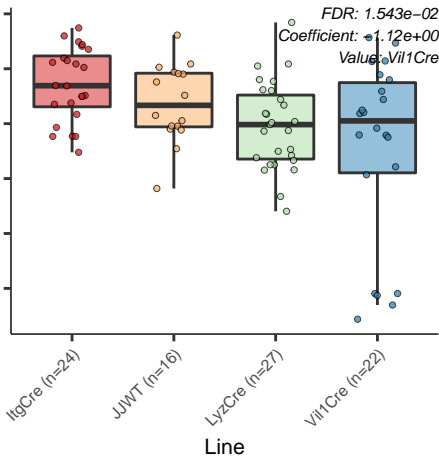
Vil1Cre (n=22)

Line

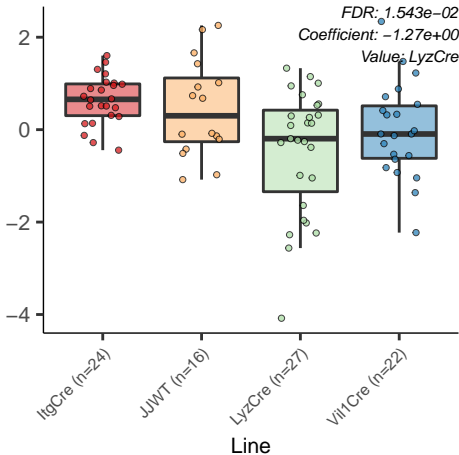
FDR: 1.186e-02  
Coefficient: 1.22e+00  
Value: LyzCre



X12\_Muribaculaceae..f.

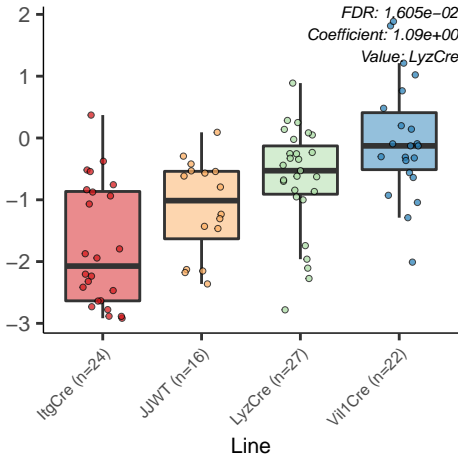


X245\_Lachnoclostridium.



X52\_Enterorhabdus.

FDR: 1.605e-02  
Coefficient: 1.09e+00  
Value: LyzCre



X126\_Oscillibacter.

FDR: 1.899e-02

Coefficient: 1.05e+00

Value: LyzCre

2  
1  
0  
-1  
-2  
-3

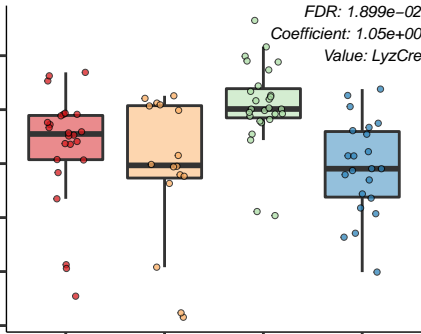
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

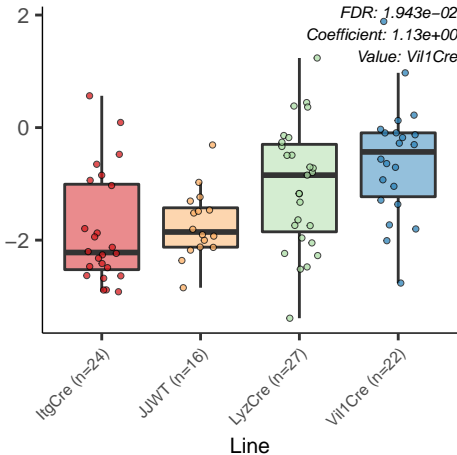
Vil1Cre (n=22)

Line

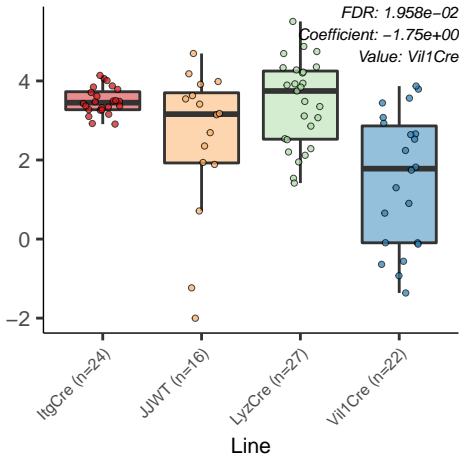


X274\_Enterorhabdus.muris

FDR:  $1.943 \times 10^{-2}$   
Coefficient:  $1.13 \times 10^0$   
Value: Vil1Cre



X44\_Lachnospiraceae..f.





X169\_Muribaculaceae..f.

FDR: 1.980e-02

Coefficient: -1.71e+00

Value: Vil1Cre

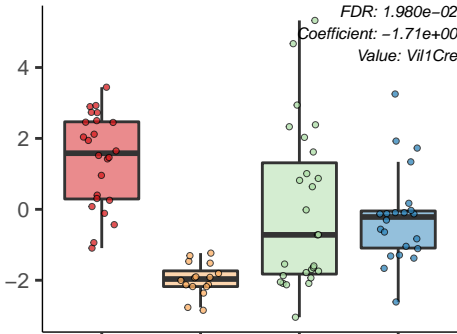
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

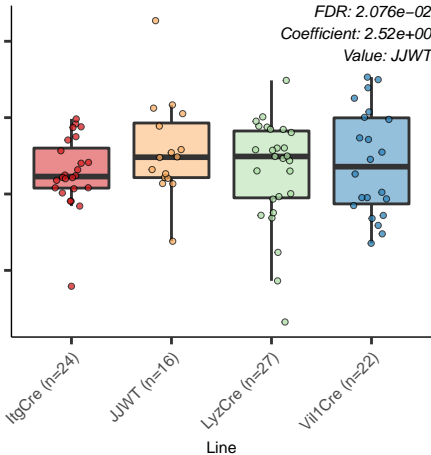
Vil1Cre (n=22)

Line

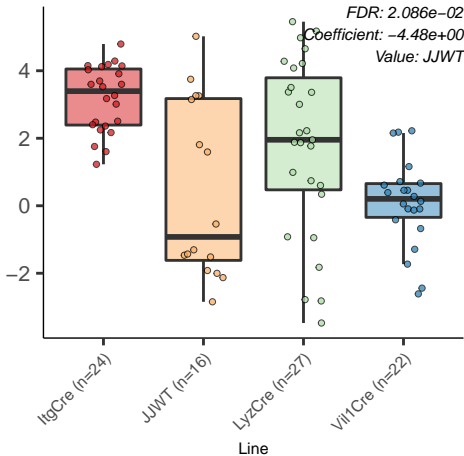


X17\_Lachnospiraceae\_UCG.006.

FDR: 2.076e-02  
Coefficient: 2.52e+00  
Value: JJWT



X70\_Lachnospiraceae\_NK4A136\_group.

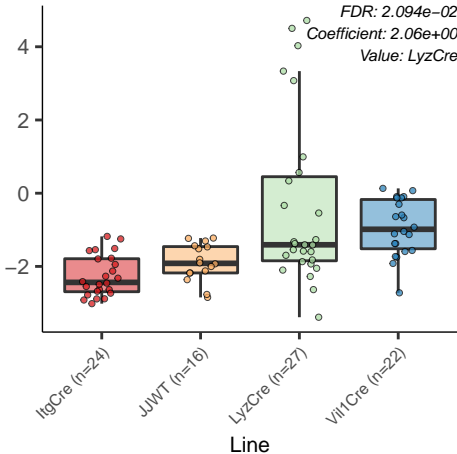


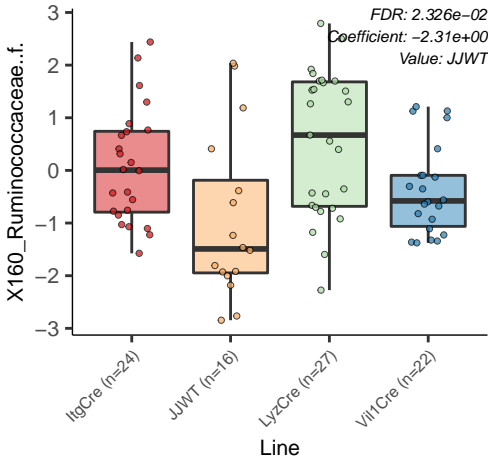
X49\_Lachnospiraceae..f.

FDR: 2.094e-02

Coefficient: 2.06e+00

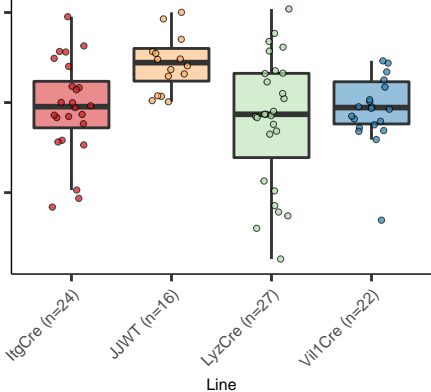
Value: LyzCre



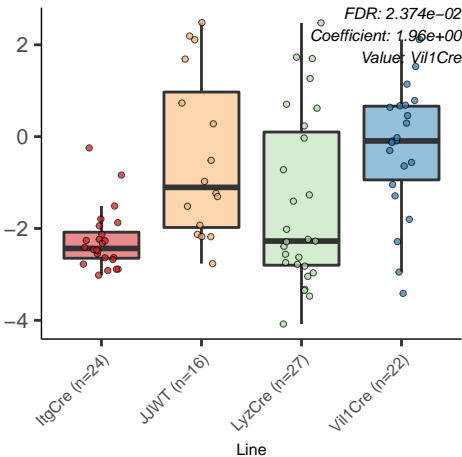


X167\_Clostridiales\_vadinBB60\_group..f.

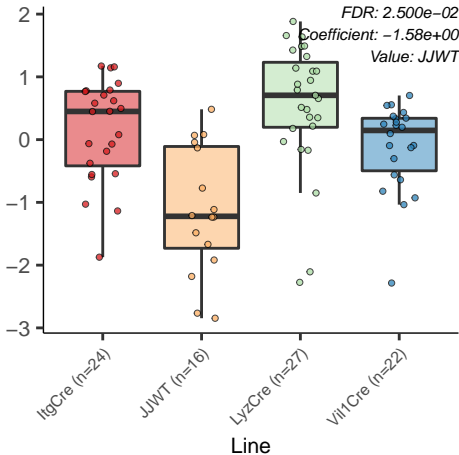
FDR:  $2.355e-02$   
Coefficient:  $2.40e+00$   
Value: JJWT



X82\_Lachnospiraceae\_NK4A136\_group.

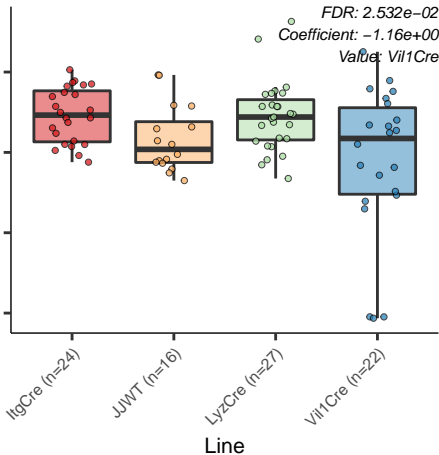


X132\_Ruminiclostridium\_9.

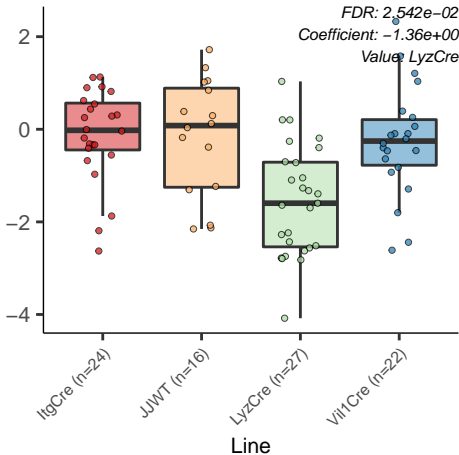




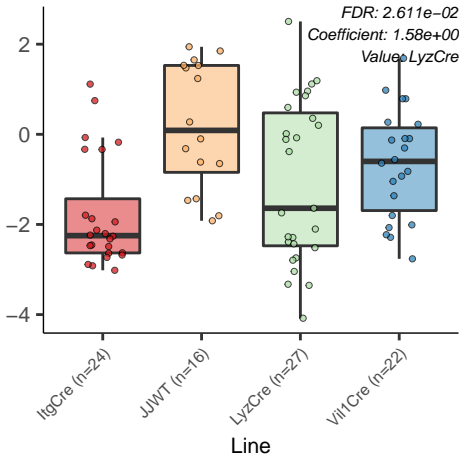
X4\_Muribaculaceae..f.



X266\_Muribaculaceae..f.



X61\_Lachnospiraceae..f.



X284\_Intestinimonas.

FDR: 2.614e-02

Coefficient: 1.20e+00

Value: LyzCre

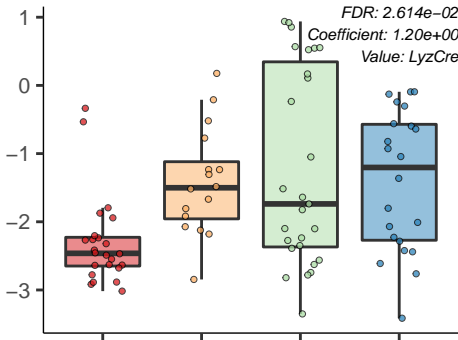
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line

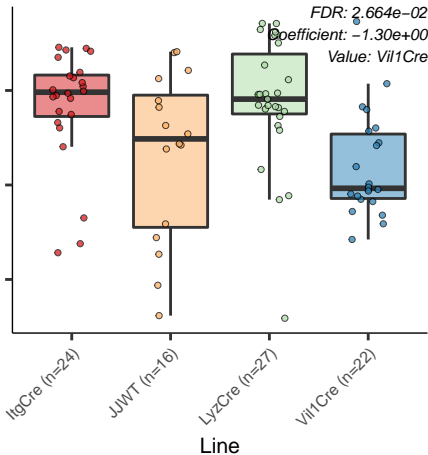


X14\_Lachnoclostridium.

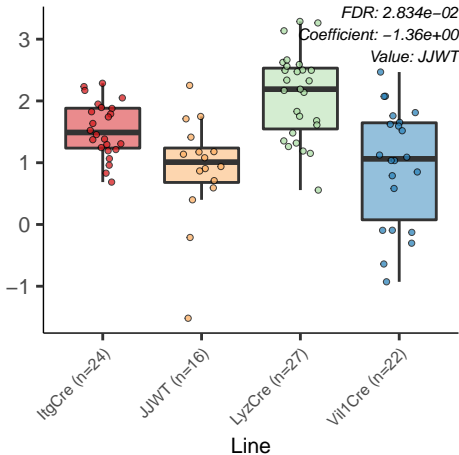
FDR: 2.664e-02

Coefficient: -1.30e+00

Value: Vil1Cre

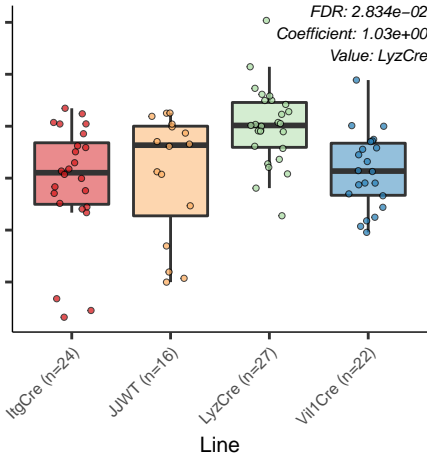


X201\_Oscillibacter.

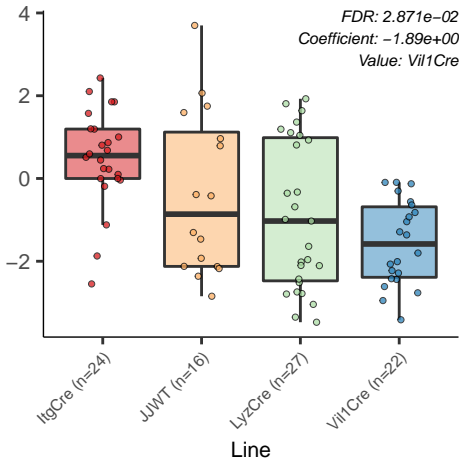


X206\_Ruminiclostridium.

*FDR: 2.834e-02*  
*Coefficient: 1.03e+00*  
*Value: LyzCre*



X265\_Lachnospiraceae..f.





X118\_Lachnospiraceae..f.

FDR: 3.044e-02  
Coefficient: 1.02e+00  
Value: LyzCre

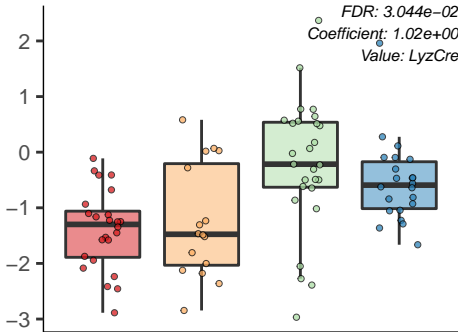
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line



X286\_Ruminiclostridium\_5.

FDR: 3.071e-02  
Coefficient: 2.78e+00  
Value: JJWT

2  
0  
-2  
-4

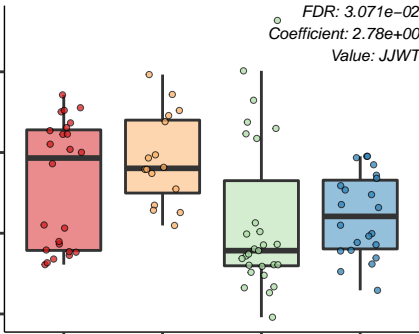
ItgCre (n=24)

JJWT (n=16)

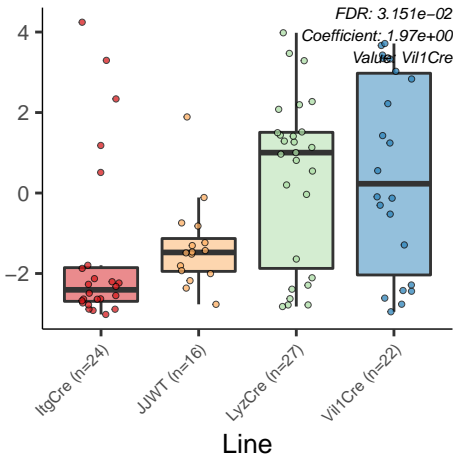
LyzCre (n=27)

Vil1Cre (n=22)

Line

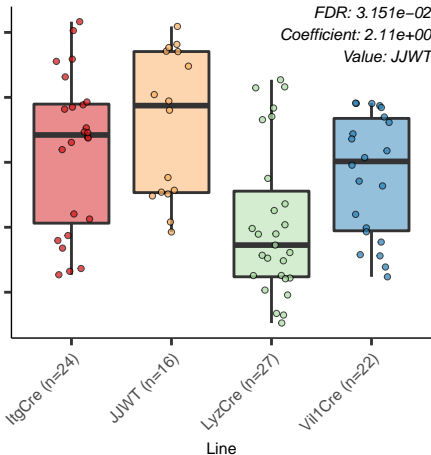


X219\_Blautia.



X244\_Clostridiales\_vadinBB60\_group..f.

FDR: 3.151e-02  
Coefficient: 2.11e+00  
Value: JJWT

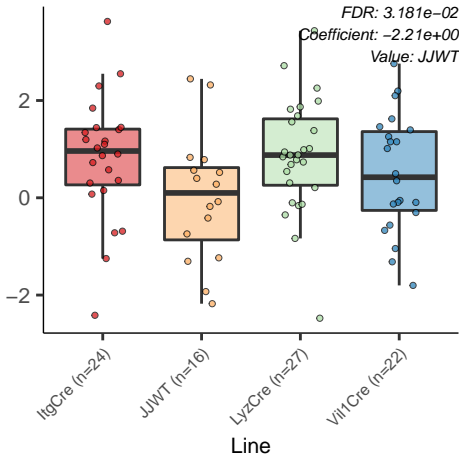


X104\_Muribaculaceae..f.

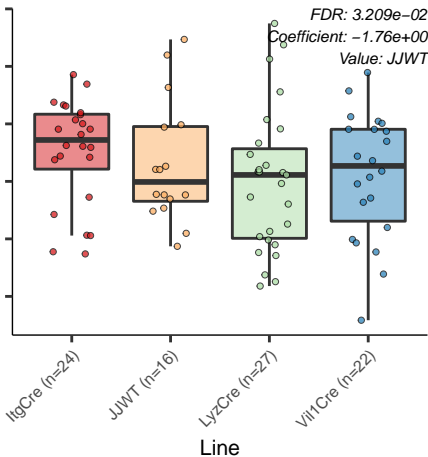
FDR:  $3.181 \times 10^{-2}$

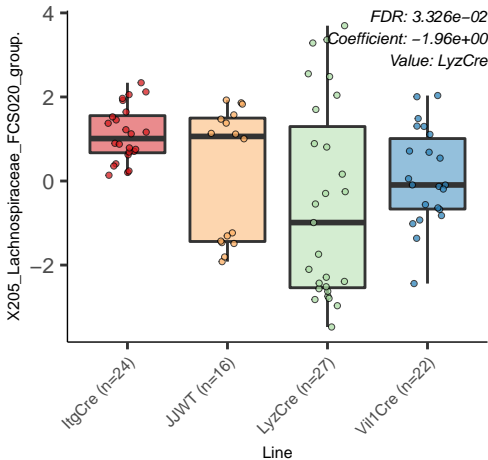
Coefficient:  $-2.21 \times 10^0$

Value: JJWT

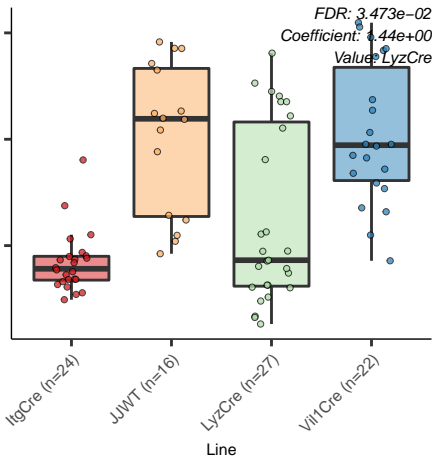


X233\_Muribaculaceae..f.





X58\_Lachnospiraceae\_NK4A136\_group.





X185\_Gastraerophilales..o.

FDR: 3.473e-02  
Coefficient: 1.29e+00  
Values: Vil1Cre

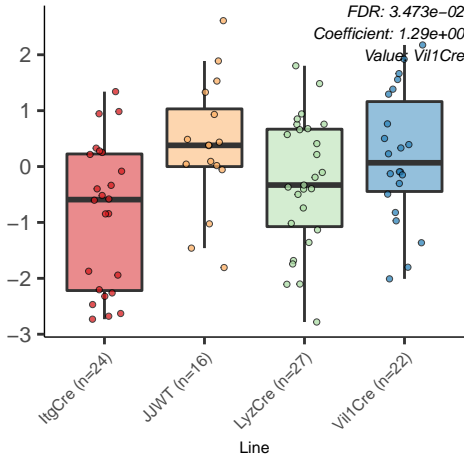
ItgCre (n=24)

JJWT (n=16)

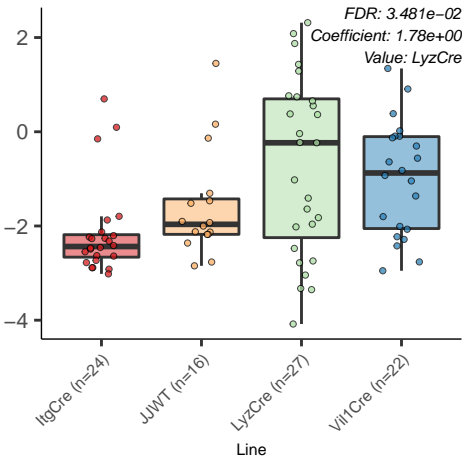
LyzCre (n=27)

Vil1Cre (n=22)

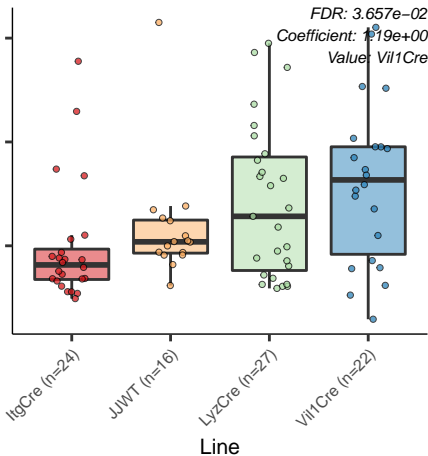
Line



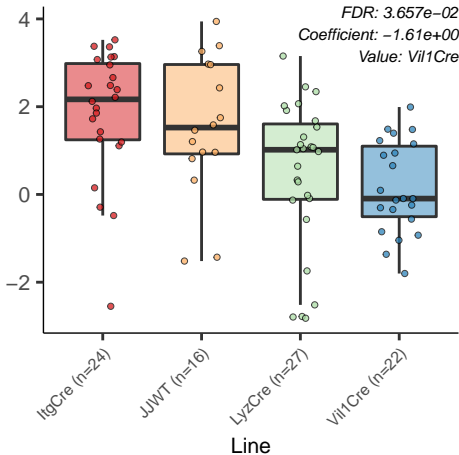
X252\_Lachnospiraceae\_FCS020\_group.



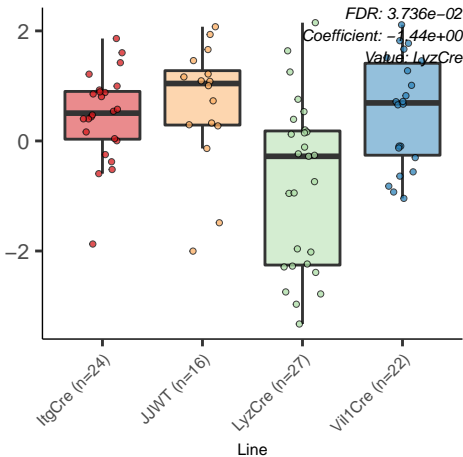
X111\_Streptococcus.



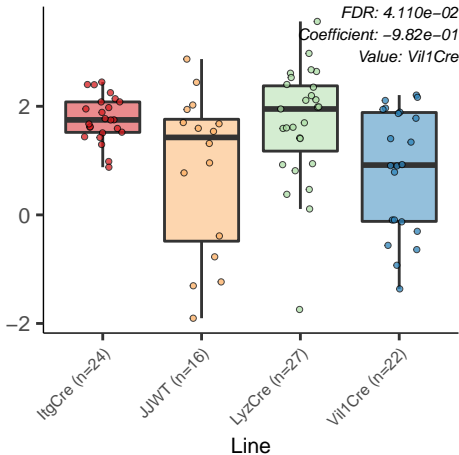
X269\_Lachnospiraceae..f.



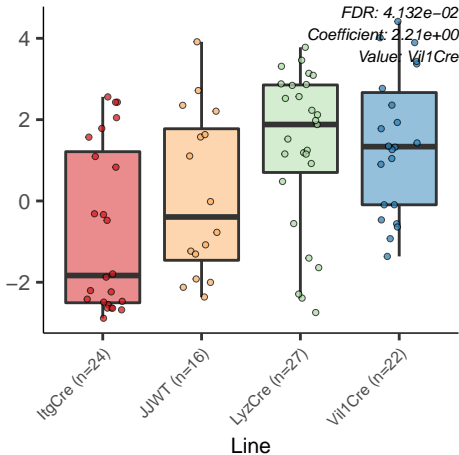
X96\_Lachnospiraceae\_NK4A136\_group.



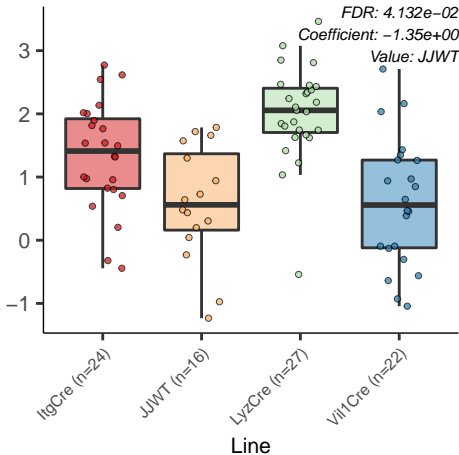
X84\_Intestinimonas.



X5\_Lachnoclostridium.

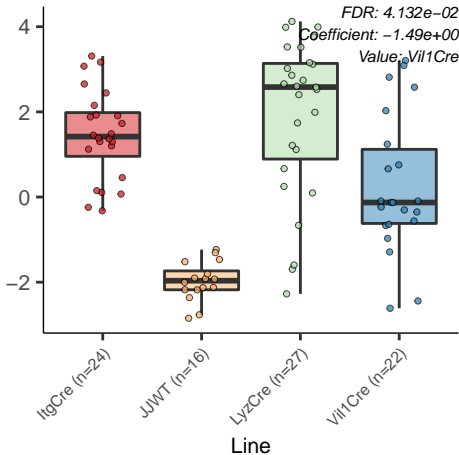


X100\_Lachnospiraceae..f.





X155\_Lachnospiraceae..f.



X303\_Ruminococcaceae...f.

FDR: 4.132e-02

Coefficient: 9.37e-01

Value: Vil1Cre

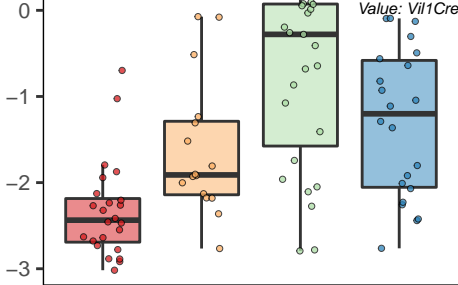
ItgCre (n=24)

JJWT (n=16)

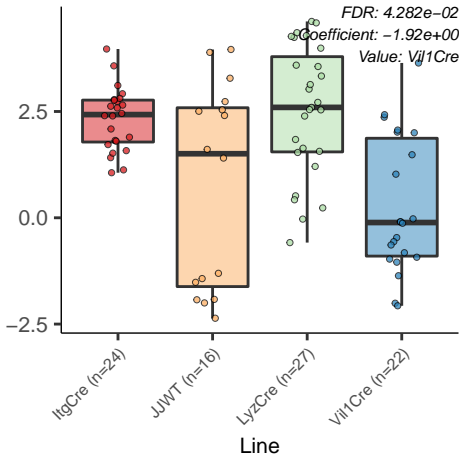
LyzCre (n=27)

Vil1Cre (n=22)

Line

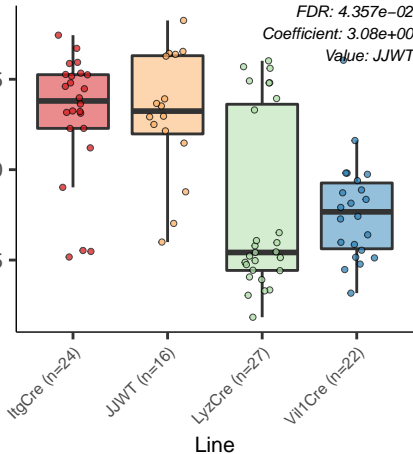


X235\_Lachnospiraceae..f.

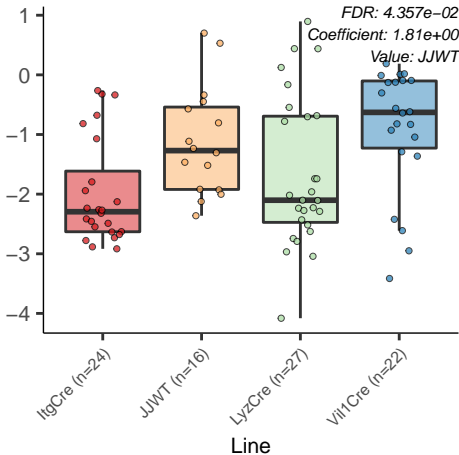


X238\_Lachnoclostridium.

FDR: 4.357e-02  
Coefficient: 3.08e+00  
Value: JJWT

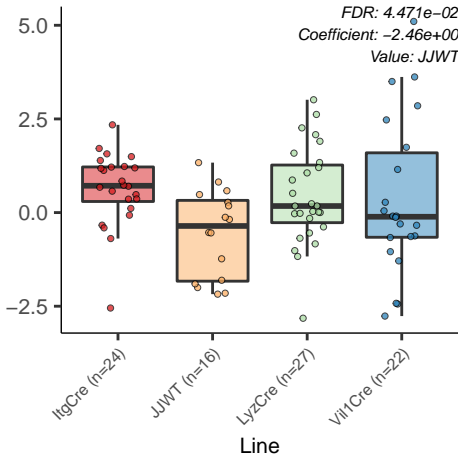


X297\_Ruminococcaceae..f.



X27\_Streptococcus.

FDR:  $4.471e-02$   
Coefficient:  $-2.46e+00$   
Value: JJWT



X233\_Muribaculaceae..f.

FDR: 4.471e-02

Coefficient: -1.01e+00

Value: LyzCre

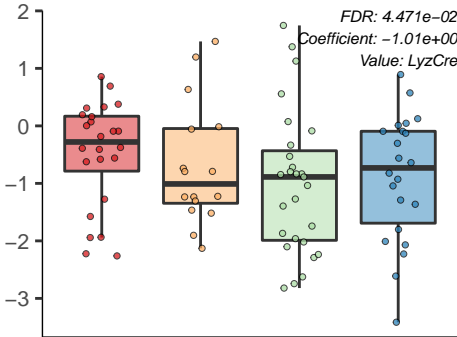
ItgCre (n=24)

JJWT (n=16)

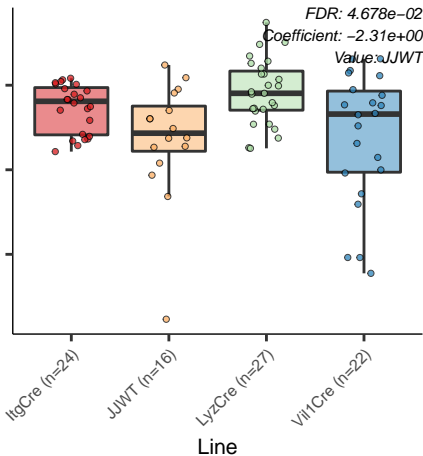
LyzCre (n=27)

Vll1Cre (n=22)

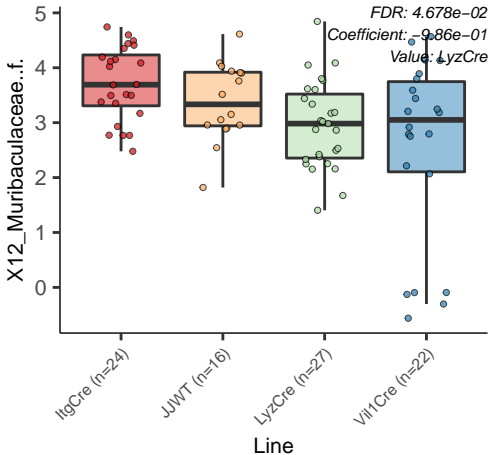
Line



X6\_Muribaculaceae..f.

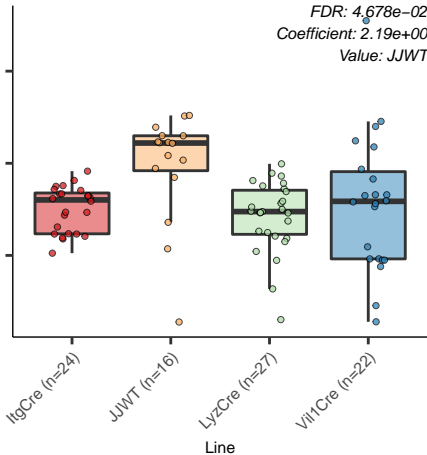




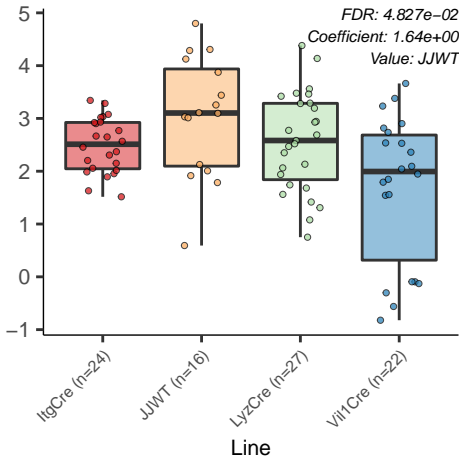


X161\_Parabacteroides.distasonis

*FDR: 4.678e-02*  
*Coefficient: 2.19e+00*  
*Value: JJWT*

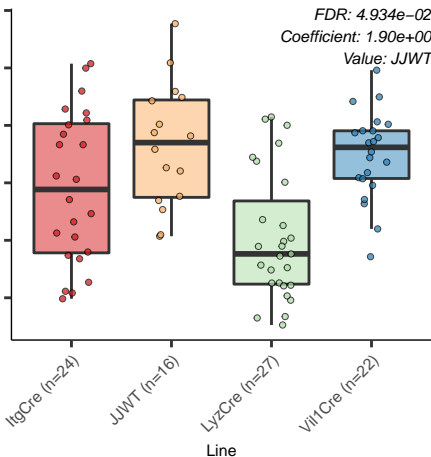


X65\_Lachnospiraceae..f.

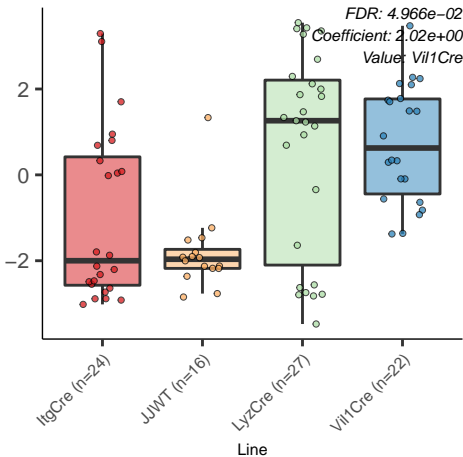


X216\_Ruminococcaceae\_UCG.014.

FDR: 4.934e-02  
Coefficient: 1.90e+00  
Value: JJWT

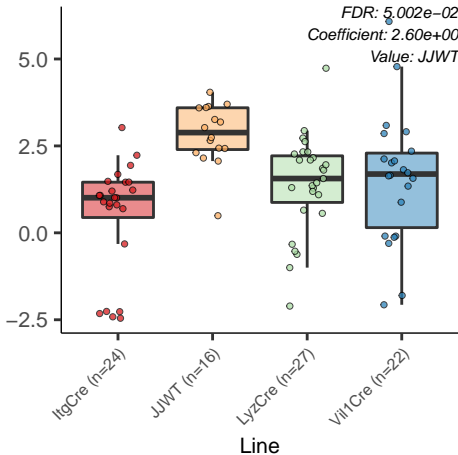


X153\_Lachnospiraceae\_NK4A136\_group.



X179\_Bacteroides.

FDR:  $5.002e-02$   
Coefficient:  $2.60e+00$   
Value: JJWT



X151\_Butyricoccus.

FDR:  $5.023 \times 10^{-2}$

Coefficient:  $-1.51 \times 10^0$

Value: Vil1Cre

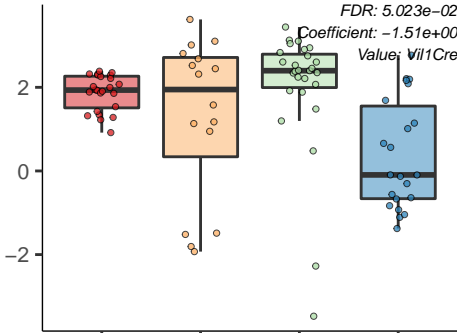
ItgCre (n=24)

JJWT (n=16)

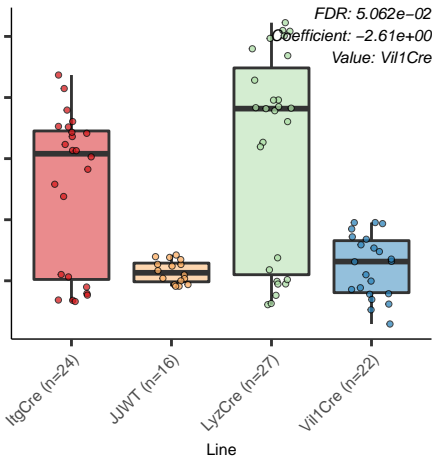
LyzCre (n=27)

Vil1Cre (n=22)

Line

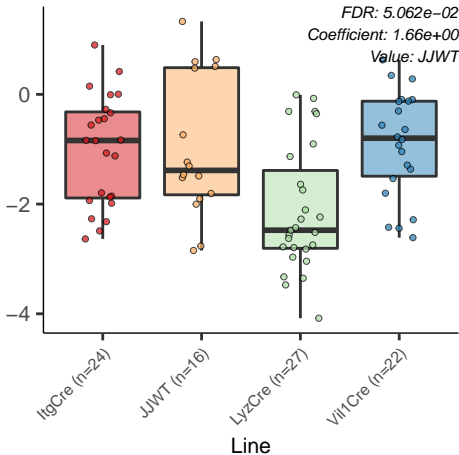


X236\_Lachnospiraceae\_NK4A136\_group.





X287\_Lachnospiraceae..f.



X276\_Faecalibacterium.

FDR: 5.159e-02  
Coefficient: 1.24e+00  
Value: Vil1Cre

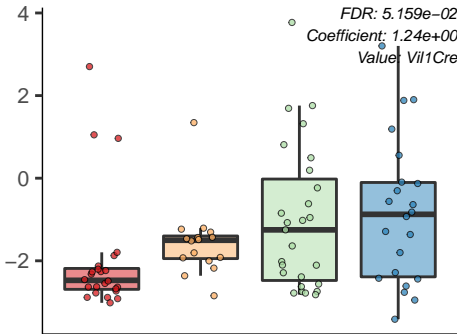
ItgCre (n=24)

JJWT (n=16)

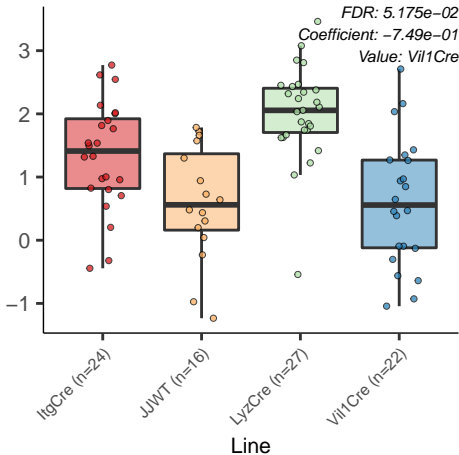
LyzCre (n=27)

Vil1Cre (n=22)

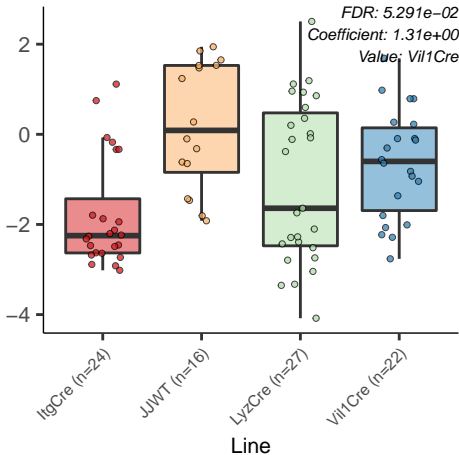
Line



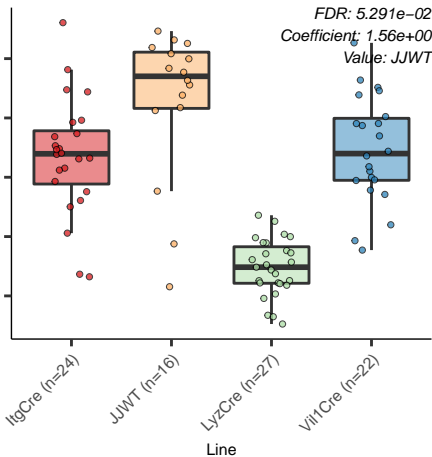
X100\_Lachnospiraceae..f.



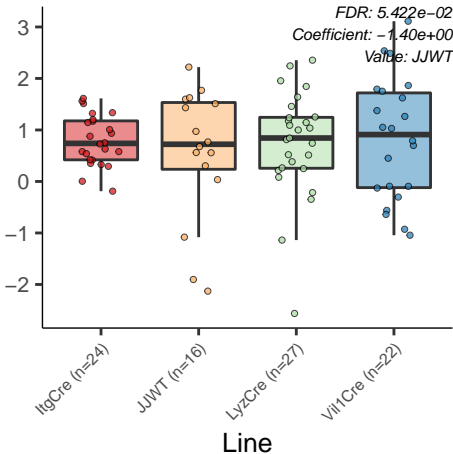
X61\_Lachnospiraceae..f.



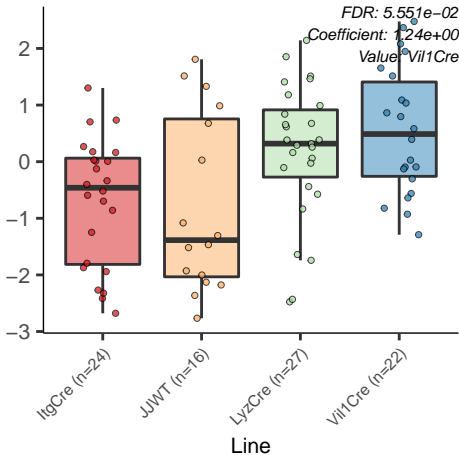
X137\_Defluviitaleaceae\_UCG.011.



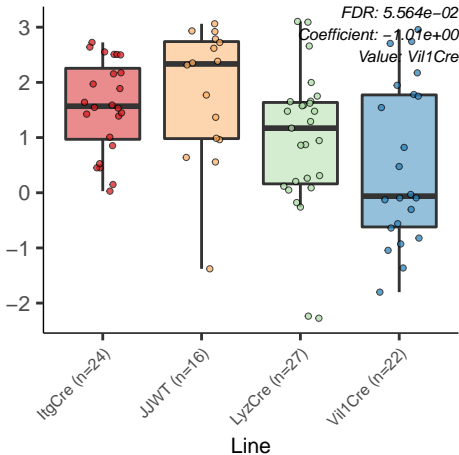
X23\_DNF00809.



X267\_Lachnospiraceae..f.

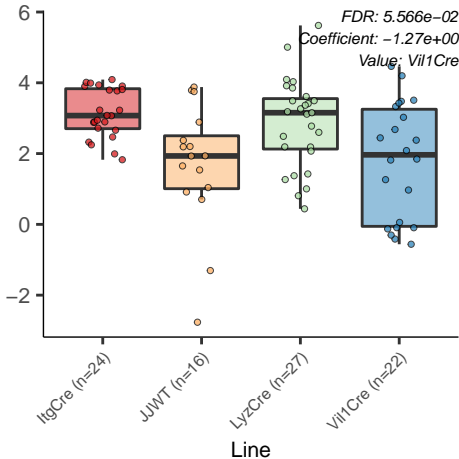


X113\_Muribaculaceae..f.

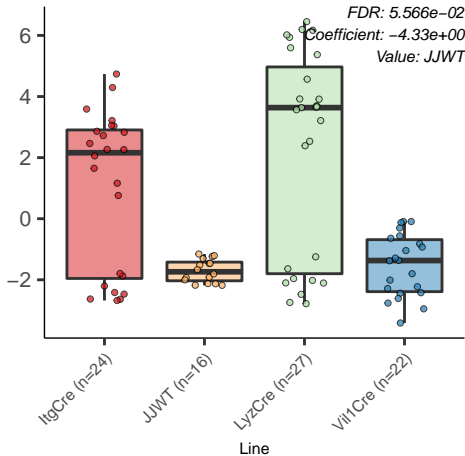




X22\_Muribaculaceae..f.

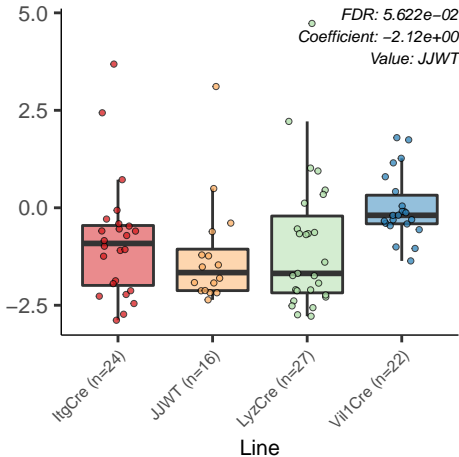


X236\_Lachnospiraceae\_NK4A136\_group.



X190\_Bacteroides.

FDR: 5.622e-02  
Coefficient: -2.12e+00  
Value: JJWT



X99\_Lachnospiraceae..f.

FDR:  $6.083e-02$

Coefficient:  $-2.16e+00$

Value: JJWT

ItgCre (n=24)

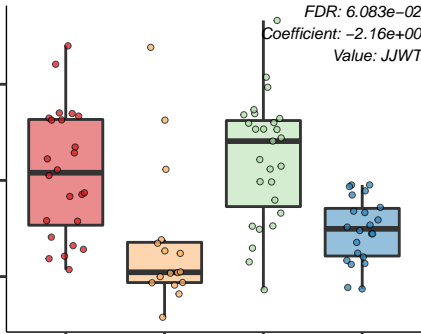
JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line

2  
0  
-2

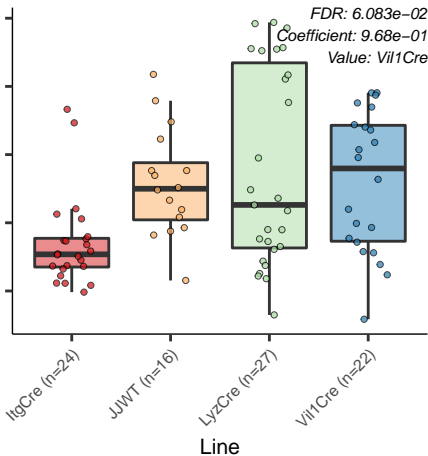


X284\_Intestinimonas.

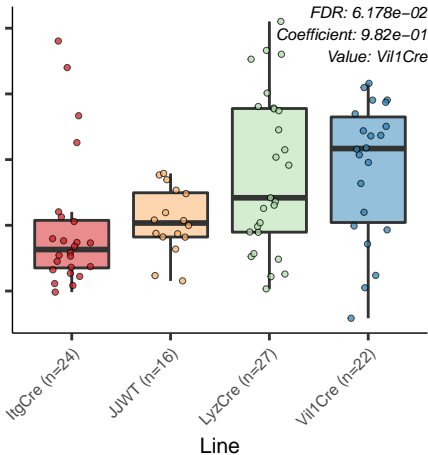
FDR: 6.083e-02

Coefficient: 9.68e-01

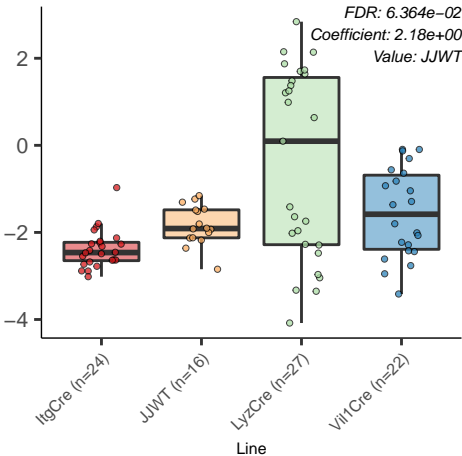
Value: Vil1Cre



X296\_Lachnospiraceae..f.



X279\_Lachnospiraceae\_UCG.006.

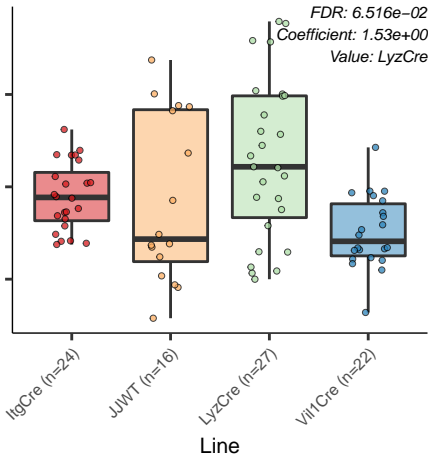


X103\_Lachnoclostridium.

FDR: 6.516e-02

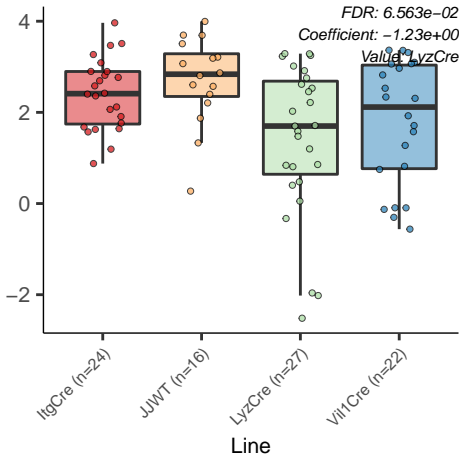
Coefficient: 1.53e+00

Value: LyzCre



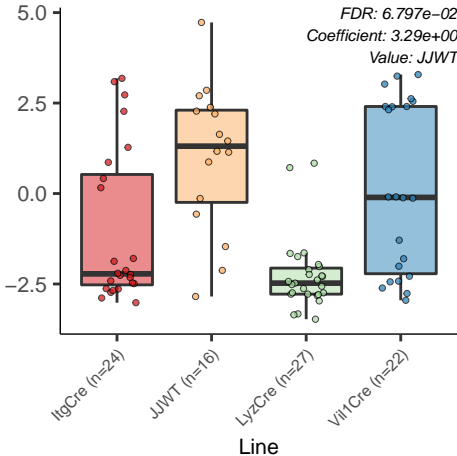


X67\_Ruminococcaceae..f.

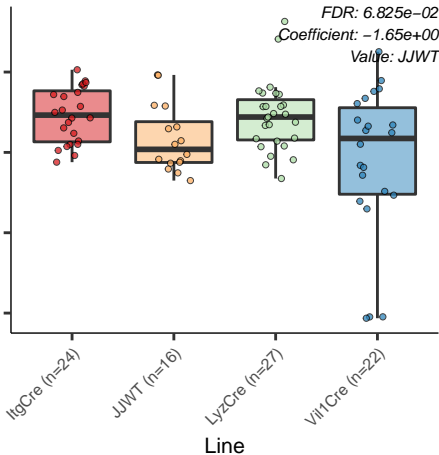


X239\_Anaeroplasma.

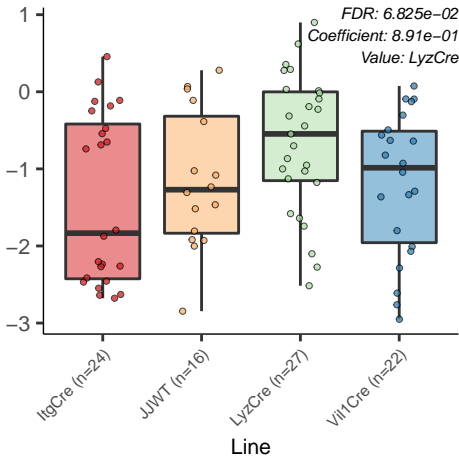
*FDR: 6.797e-02*  
*Coefficient: 3.29e+00*  
*Value: JJWT*



X4\_Muribaculaceae..f.



X213\_Acetatifactor.muris



X40\_Lachnospiraceae..f.

FDR:  $6.885e-02$   
Coefficient:  $-1.36e+00$   
Value: *Vil1Cre*

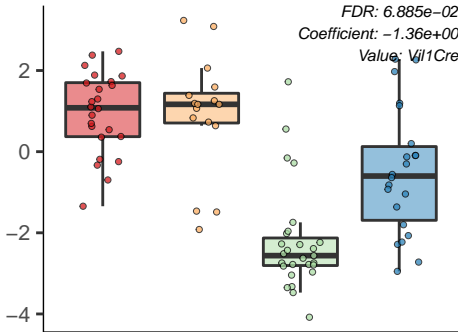
ItgCre (n=24)

JJWT (n=16)

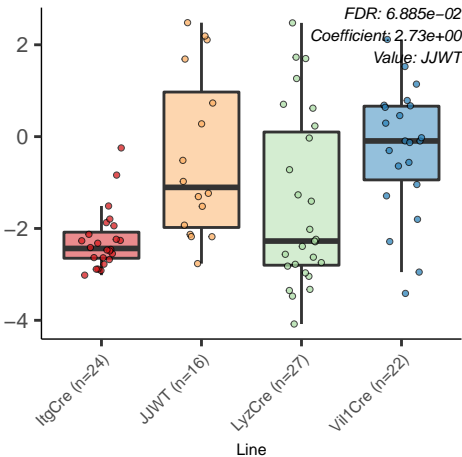
LyzCre (n=27)

*Vil1Cre* (n=22)

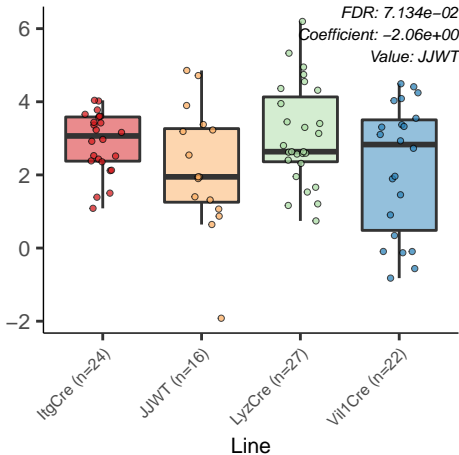
Line



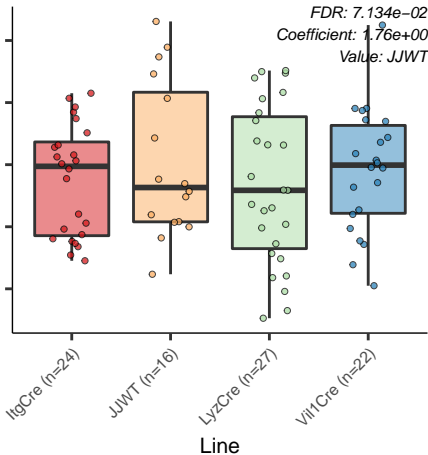
X82\_Lachnospiraceae\_NK4A136\_group.



X53\_Muribaculaceae..f.

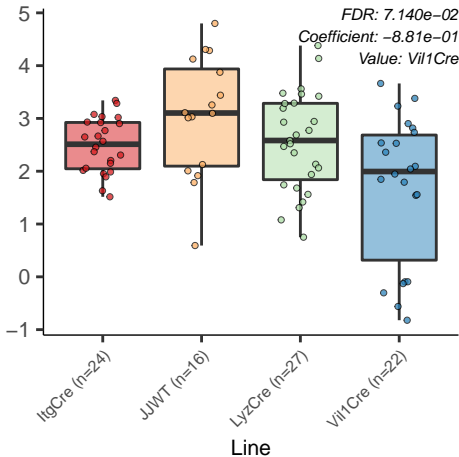


X208\_Oscillibacter.

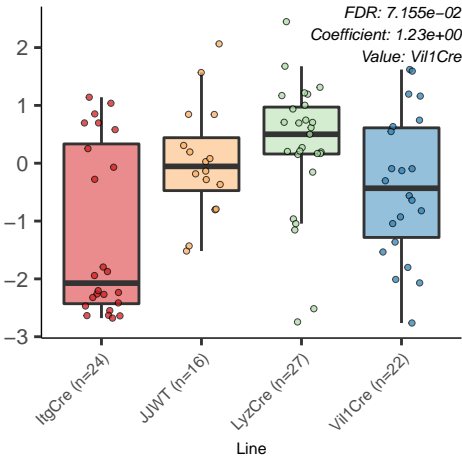




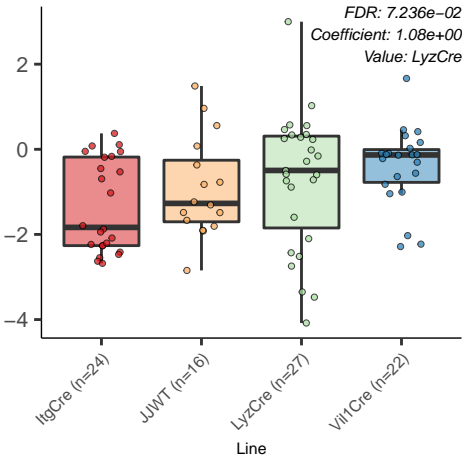
X65\_Lachnospiraceae..f.



X109\_Lachnospiraceae\_NK4A136\_group.

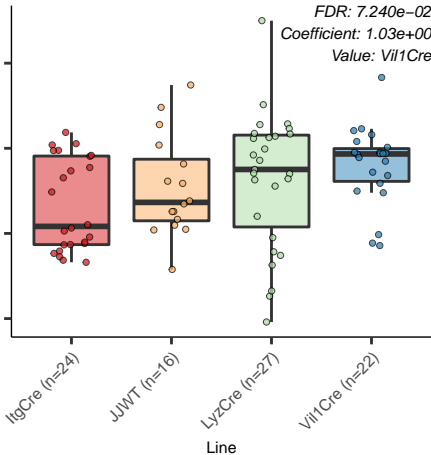


X142\_Lachnospiraceae\_UCG.004.

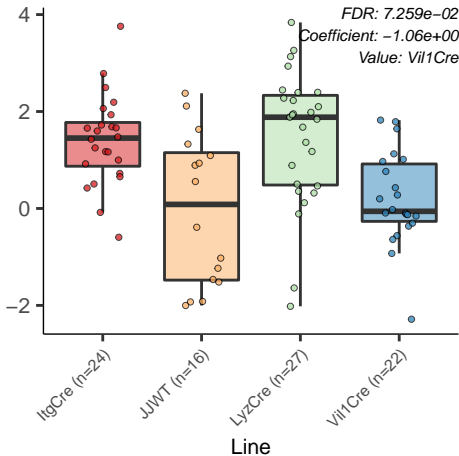


X142\_Lachnospiraceae\_UCG.004.

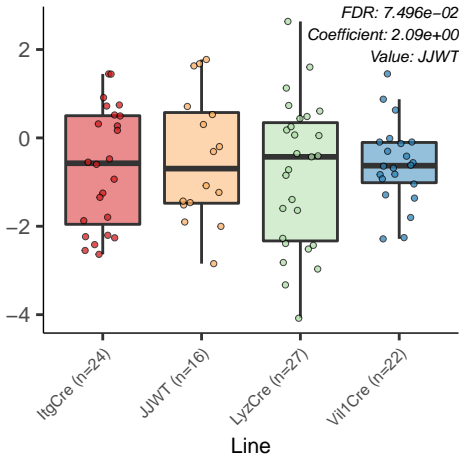
FDR:  $7.240 \times 10^{-2}$   
Coefficient:  $1.03 \times 10^0$   
Value: Vil1Cre



X93\_Lachnospiraceae..f.



X212\_Lachnospiraceae..f.



X71\_Anaerofustis.

0  
-1  
-2  
-3

ItgCre (n=24)

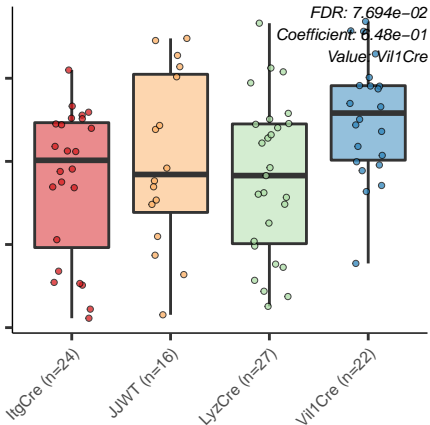
JJWT (n=16)

LyzCre (n=27)

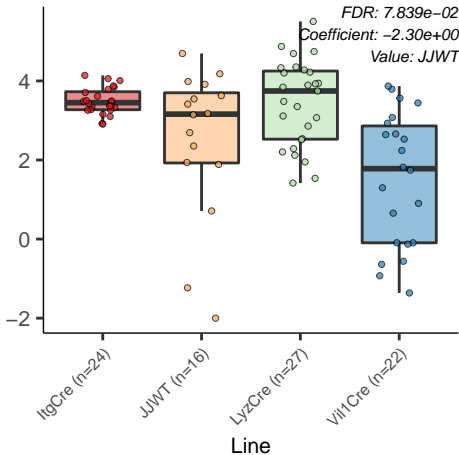
Vil1Cre (n=22)

Line

FDR:  $7.694e-02$   
Coefficient:  $6.48e-01$   
Value: Vil1Cre



X44\_Lachnospiraceae..f.



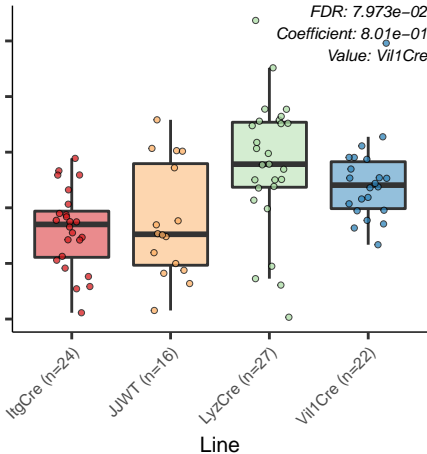


X118\_Lachnospiraceae..f.

FDR: 7.973e-02

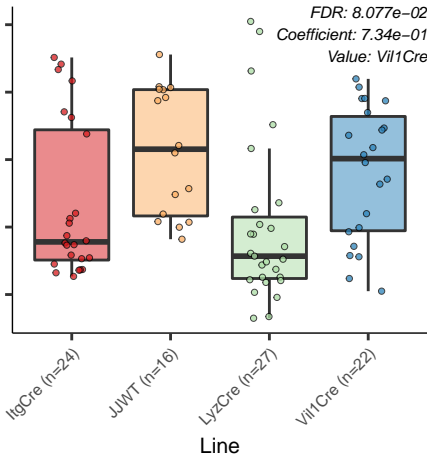
Coefficient: 8.01e-01

Value: Vil1Cre



X101\_Acetatifactor.

*FDR: 8.077e-02*  
*Coefficient: 7.34e-01*  
*Value: Vil1Cre*



X99\_Lachnospiraceae..f.

FDR:  $8.139e-02$   
Coefficient:  $-1.20e+00$   
Value: Vil1Cre

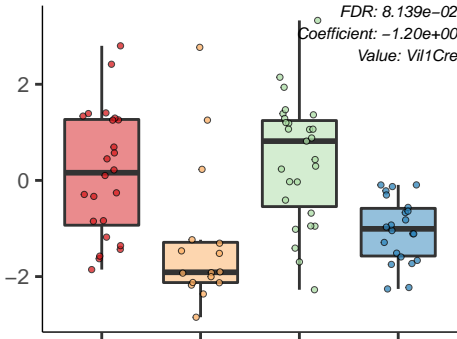
ItgCre (n=24)

JJWT (n=16)

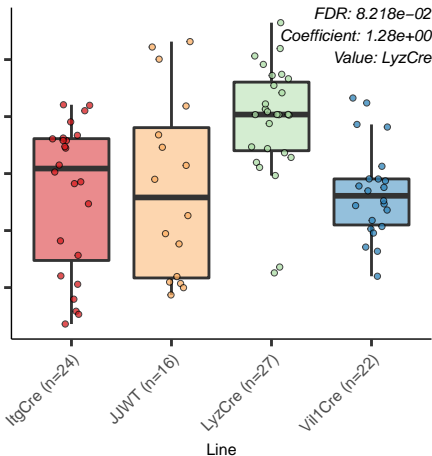
LyzCre (n=27)

Vil1Cre (n=22)

Line



X178\_Clostridiales\_vadinBB60\_group..f.

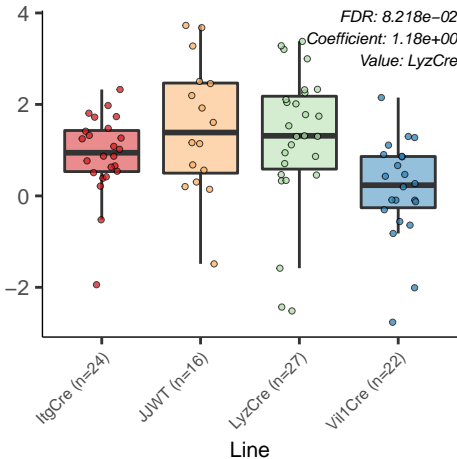


X182\_Lachnospiraceae..f.

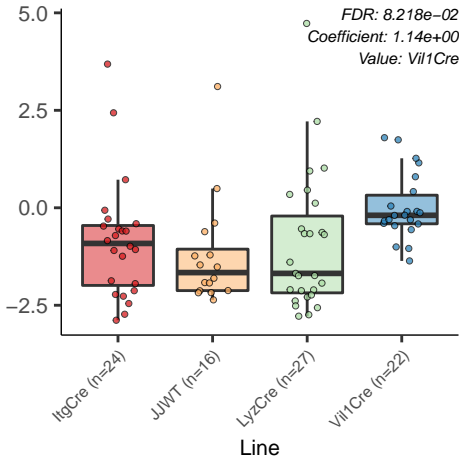
FDR:  $8.218e-02$

Coefficient:  $1.18e+00$

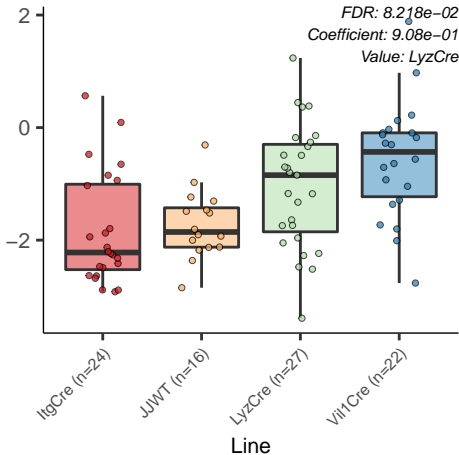
Value: LyzCre



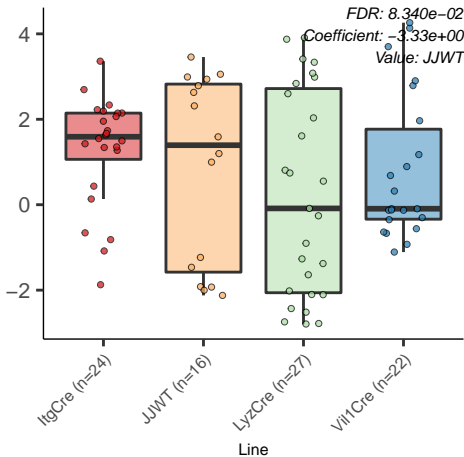
X190\_Bacteroides.



X274\_Enterorhabdus.muris

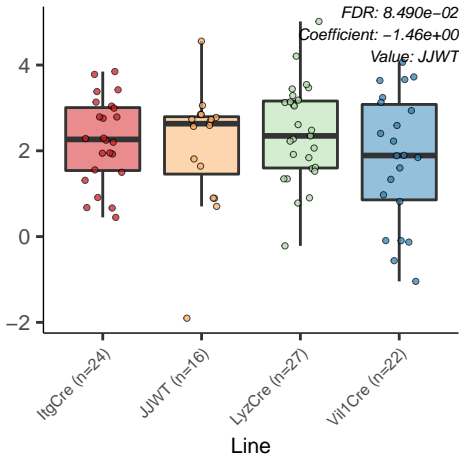


X39\_Lachnospiraceae\_NK4A136\_group.

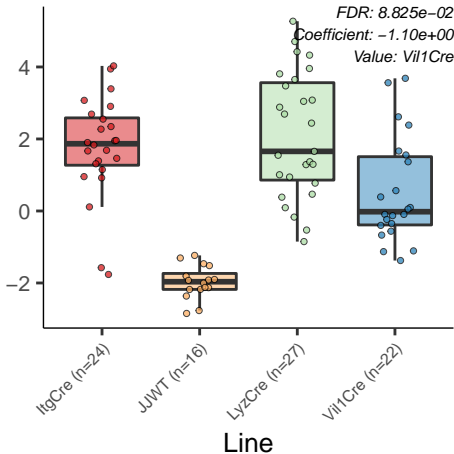




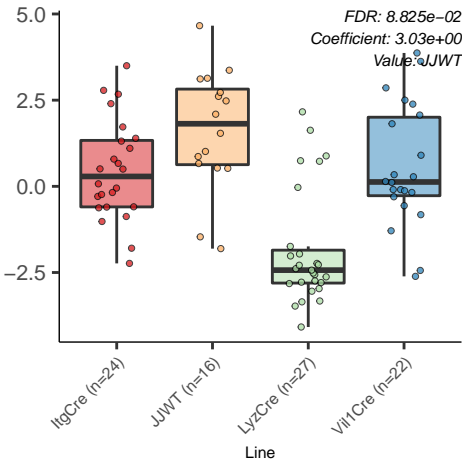
X47\_Muribaculaceae..f.



X87\_Alistipes.

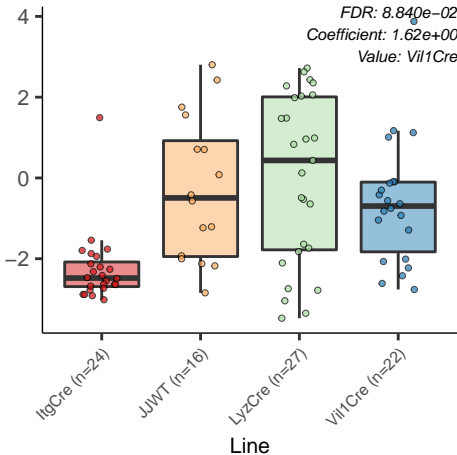


X150\_Ruminococcaceae\_UCG.014.



X20\_Lachnospiraceae..f.

FDR:  $8.840e-02$   
Coefficient:  $1.62e+00$   
Value: *Vil1Cre*



X194\_Muribaculaceae..f.

FDR:  $8.842e-02$   
Coefficient:  $-1.80e+00$   
Value: JJWT

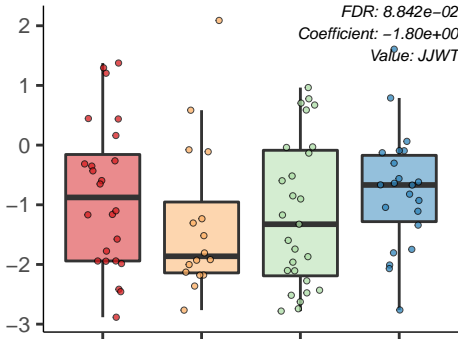
ItgCre (n=24)

JJWT (n=16)

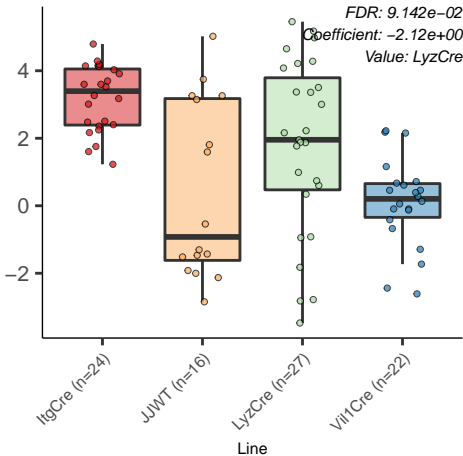
LyzCre (n=27)

Vil1Cre (n=22)

Line



X70\_Lachnospiraceae\_NK4A136\_group.



X300\_Ruminococcaceae...f.

0  
-1  
-2  
-3

ItgCre (n=24)

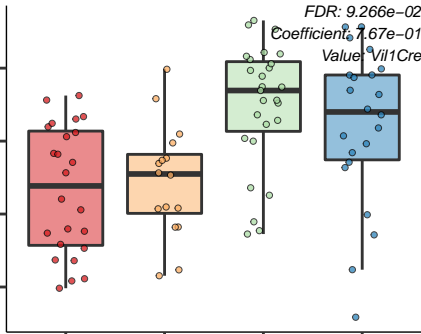
JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line

FDR:  $9.266 \times 10^{-2}$   
Coefficient:  $7.67 \times 10^{-1}$   
Value: Vil1Cre

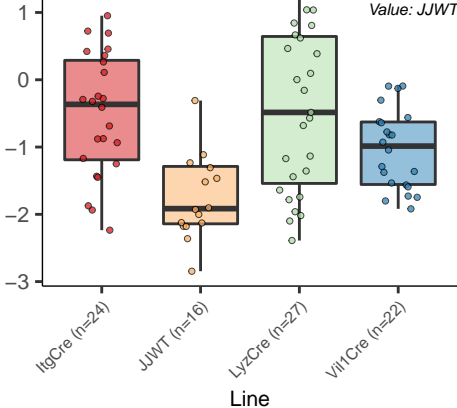


X117\_Ruminiclostridium\_5.

FDR:  $9.420e-02$

Coefficient:  $-1.47e+00$

Value: JJWT





X18\_Lachnoclostridium.

FDR:  $9.906e-02$   
Coefficient:  $3.08e+00$   
Value: JJWT

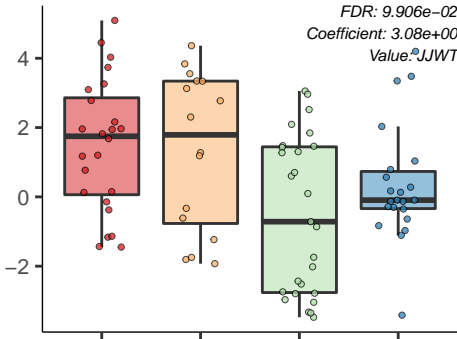
ItgCre (n=24)

JJWT (n=16)

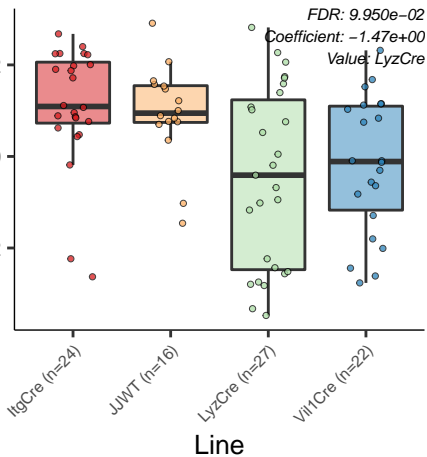
LyzCre (n=27)

Vll1Cre (n=22)

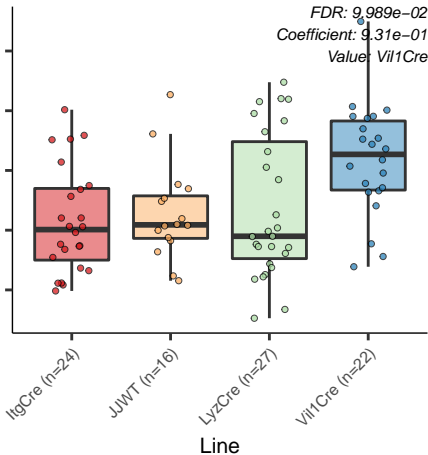
Line



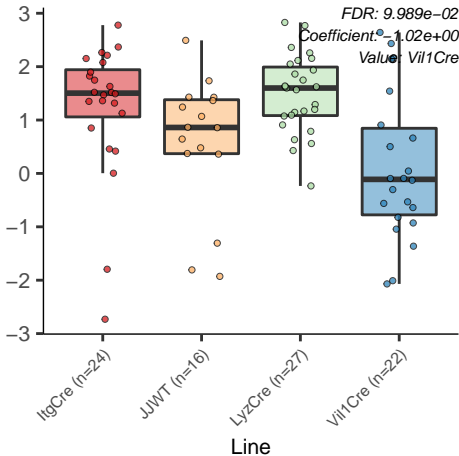
X224\_Roseburia.



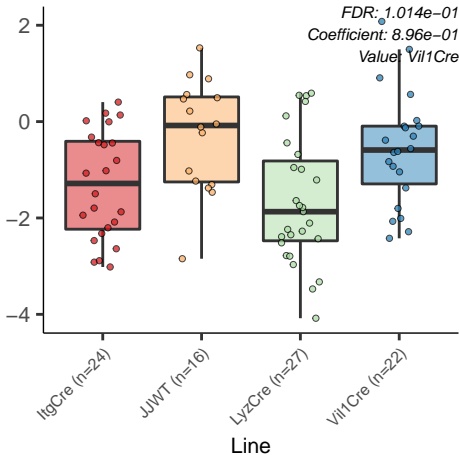
X115\_Ruminiclostridium\_5.



X171\_Oscillibacter.

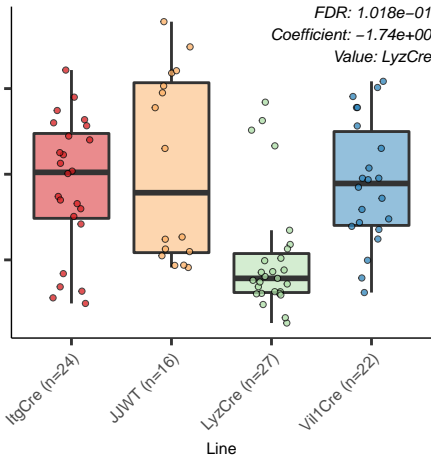


X258\_Muribaculaceae..f.

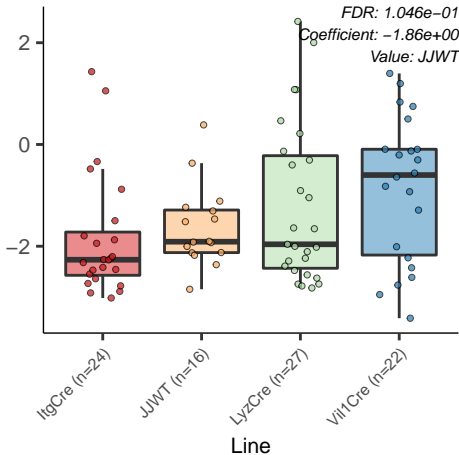


X81\_Ruminococcaceae\_UCG.014.

FDR: 1.018e-01  
Coefficient: -1.74e+00  
Value: LyzCre

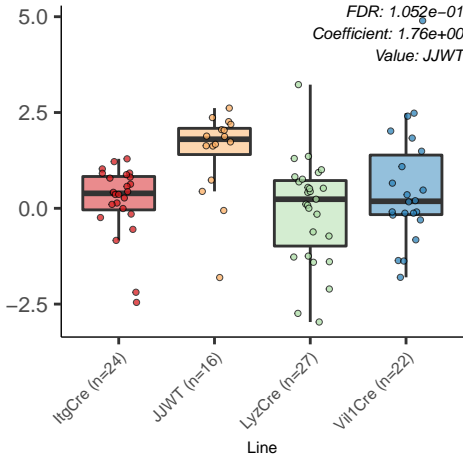


X68\_Butyricoccus.



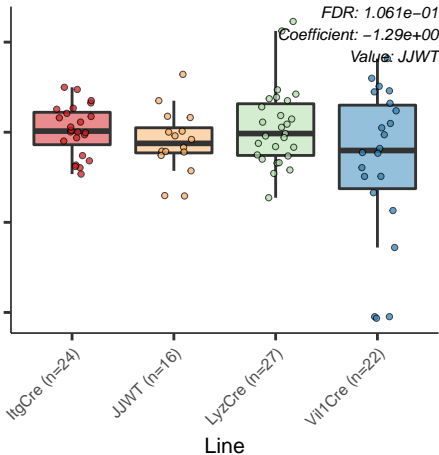
X188\_Parabacteroides.distasonis

FDR: 1.052e-01  
Coefficient: 1.76e+00  
Value: JJWT

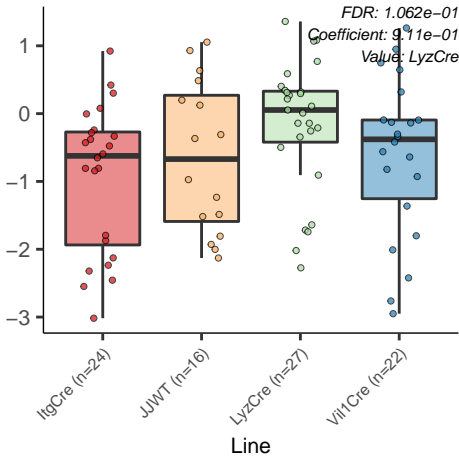




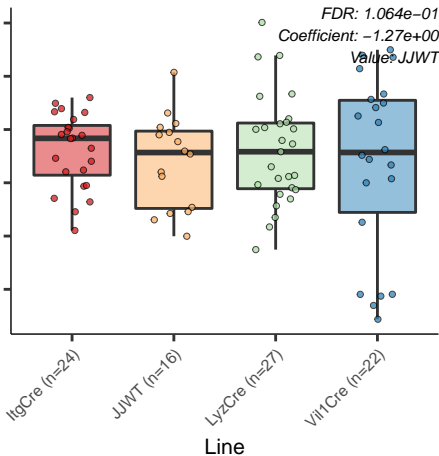
X9\_Muribaculaceae..f.



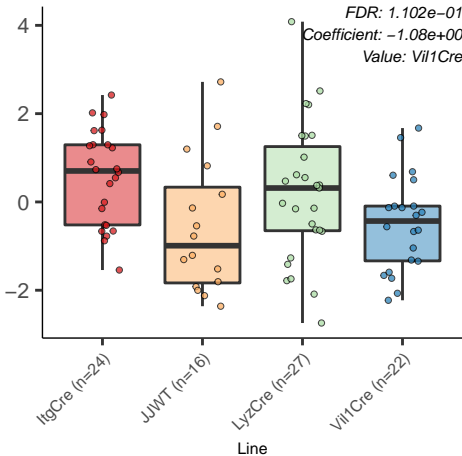
X299\_Ruminiclostridium.



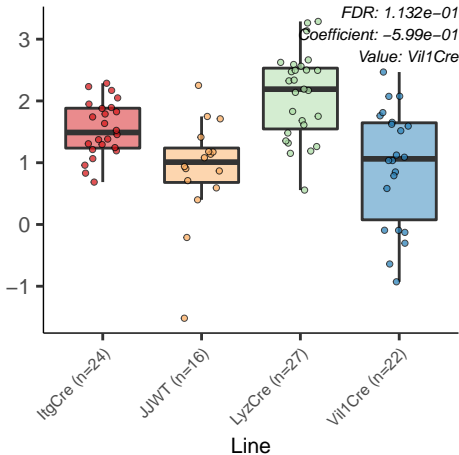
X15\_Muribaculaceae..f.



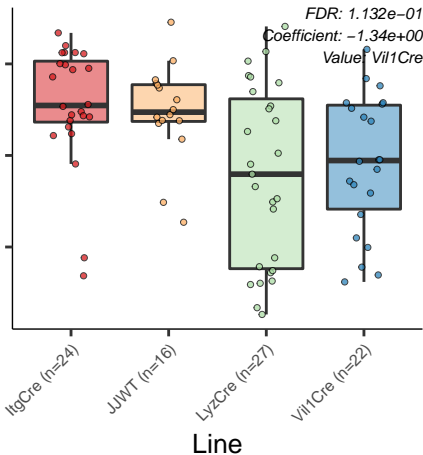
X147\_Lachnospiraceae\_NK4A136\_group.



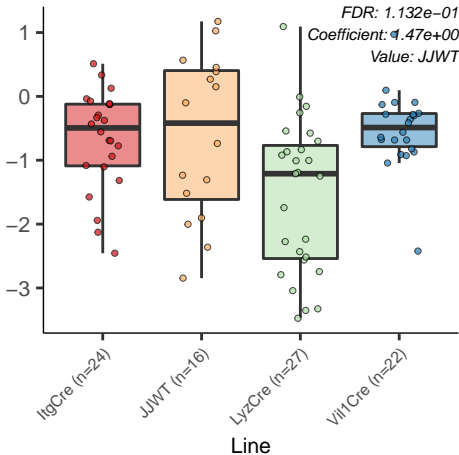
X201\_Oscillibacter.



X224\_Roseburia.



X261\_Lachnospiraceae..f.



X284\_Intestinimonas.

FDR: 1.136e-01

Coefficient: 1.43e+00

Value: JJWT

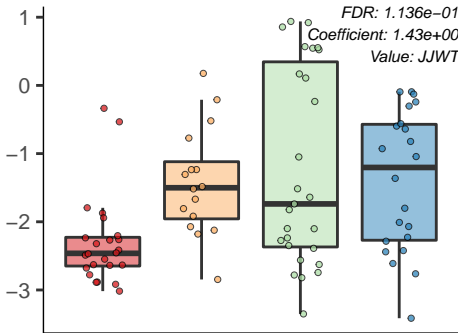
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

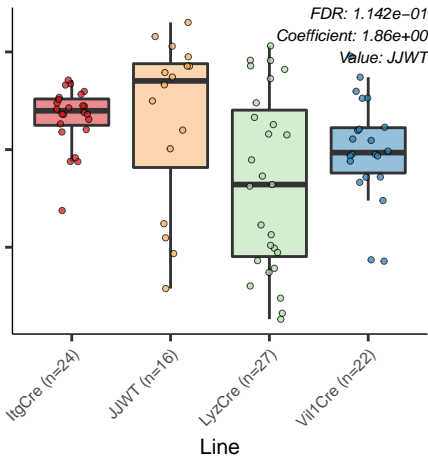
Vil1Cre (n=22)

Line

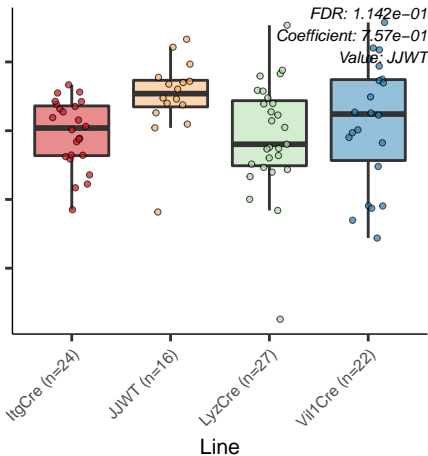




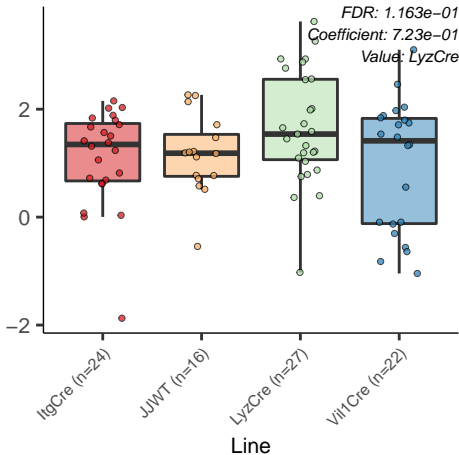
X33\_Lachnospiraceae..f.



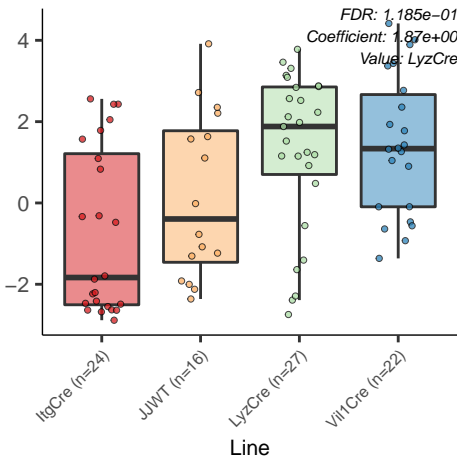
X162\_Ruminiclostridium\_9.



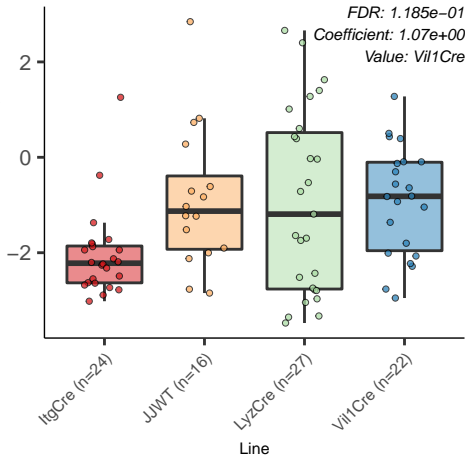
X46\_Acetatifactor.



X5\_Lachnoclostridium.



X94\_Lachnospiraceae\_NK4A136\_group.bacterium



X102\_Anaerotruncus.

FDR:  $1.185e-01$

Coefficient:  $-1.45e+00$

Value: JJWT

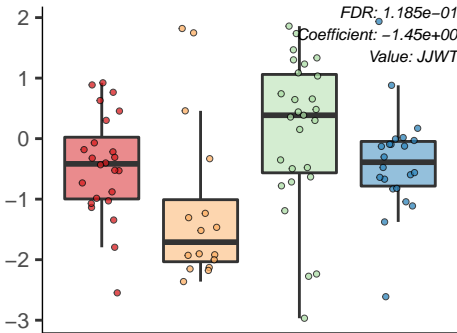
ItgCre (n=24)

JJWT (n=16)

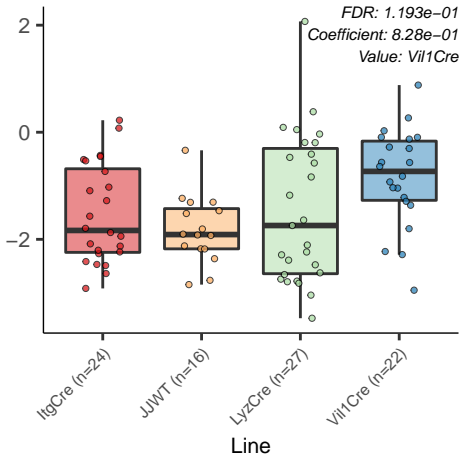
LyzCre (n=27)

Vil1Cre (n=22)

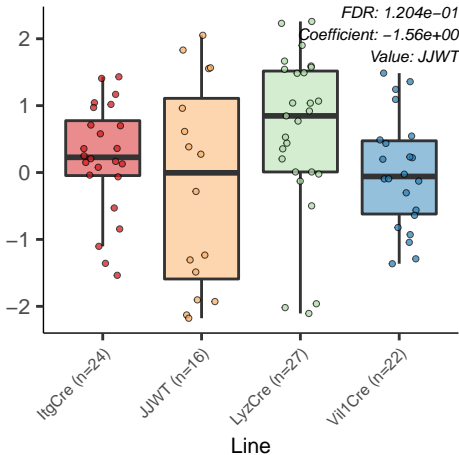
Line



X249\_Ruminiclostridium\_9.

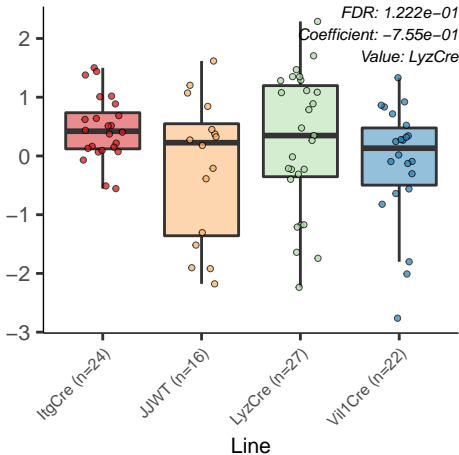


X64\_Intestinimonas.

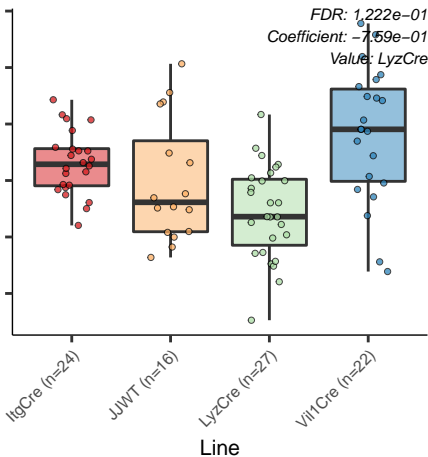




X97\_GCA.900066575.



X168\_Eggerthellaceae..f.

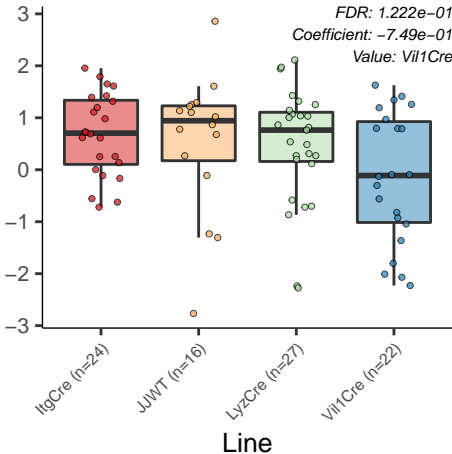


X200\_Alistipes.

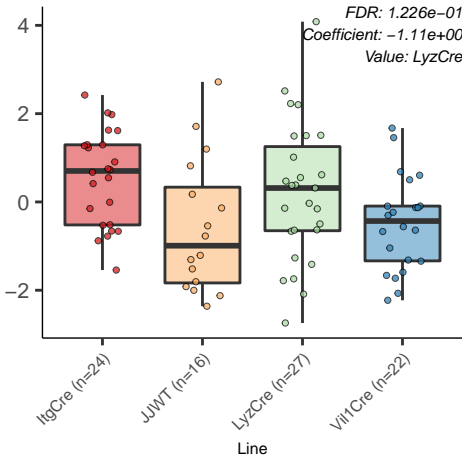
FDR: 1.222e-01

Coefficient: -7.49e-01

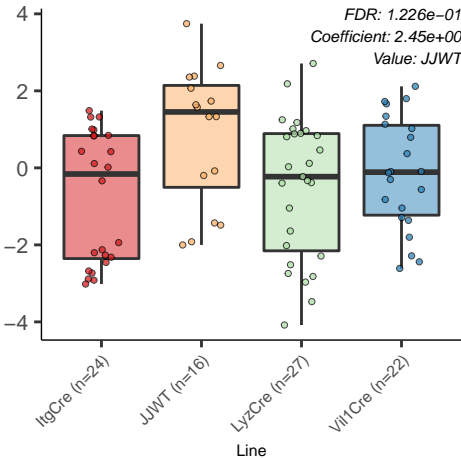
Value: Vil1Cre



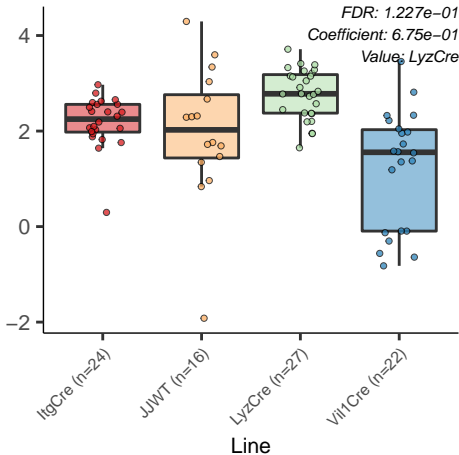
X147\_Lachnospiraceae\_NK4A136\_group.



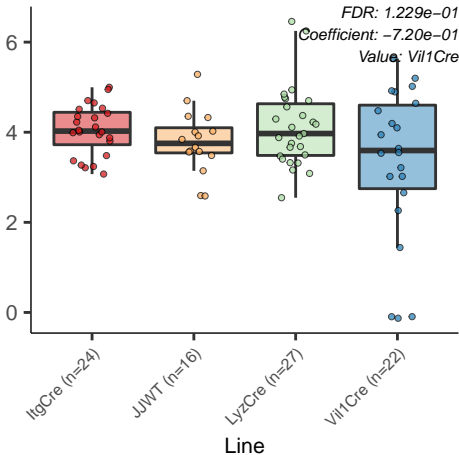
X229\_Lachnospiraceae\_NK4A136\_group.



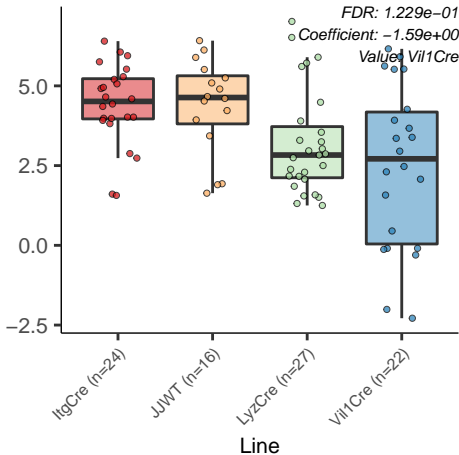
X31\_Lachnospiraceae..f.



X9\_Muribaculaceae..f.

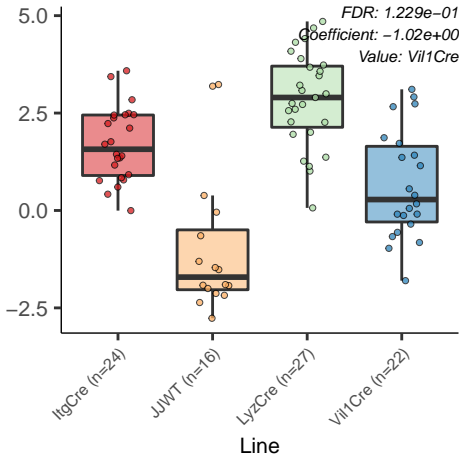


X38\_Lactobacillus.

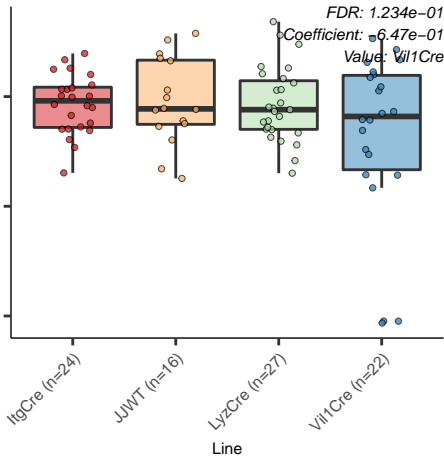




X154\_Odoribacter.



X30\_Muribaculum.intestinale

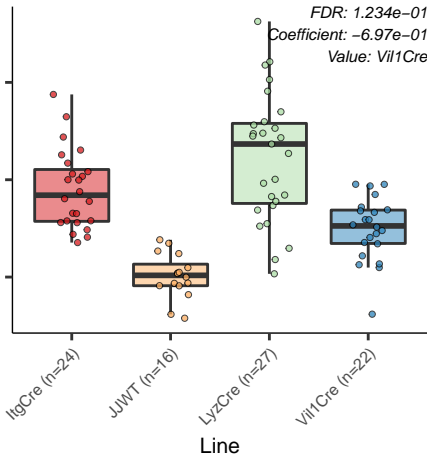


X204\_Ruminiclostridium.

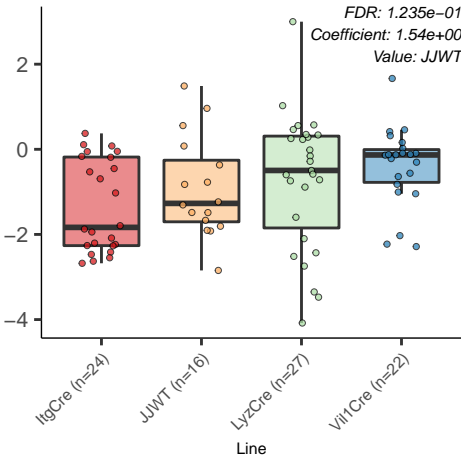
FDR: 1.234e-01

Coefficient: -6.97e-01

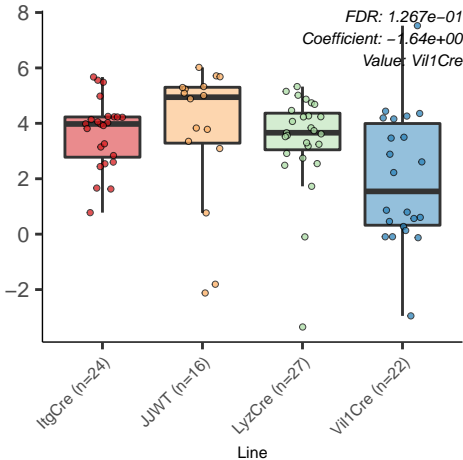
Value: Vil1Cre



X142\_Lachnospiraceae\_UCG.004.



X2\_Lachnospiraceae\_UCG.006.

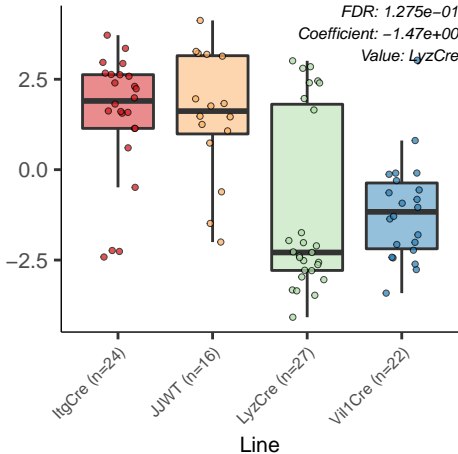


X238\_Lachnoclostridium.

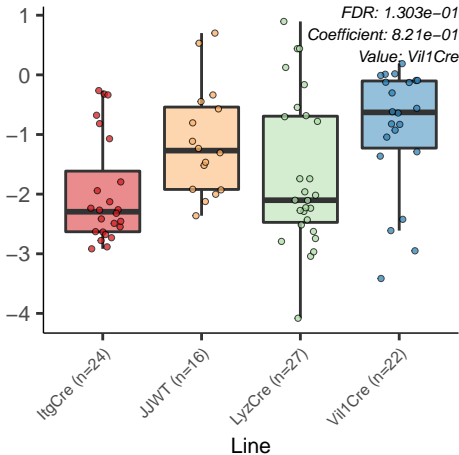
FDR: 1.275e-01

Coefficient: -1.47e+00

Value: LyzCre



X297\_Ruminococcaceae..f.

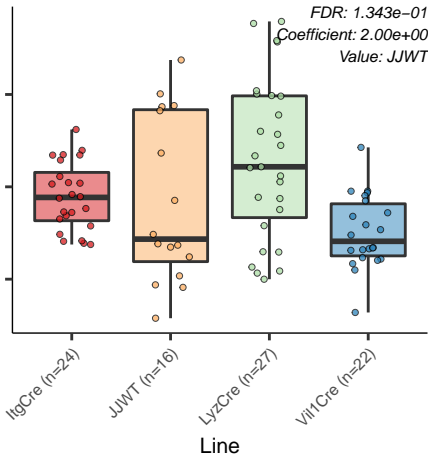


X103\_Lachnoclostridium.

FDR: 1.343e-01

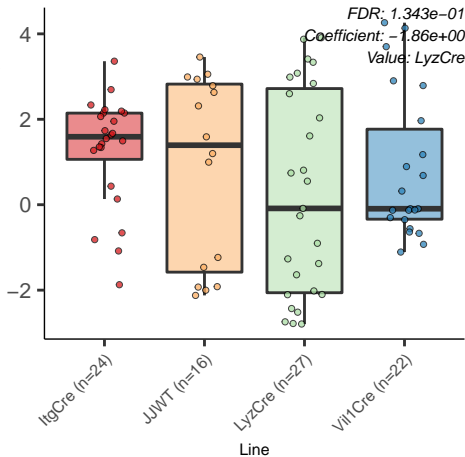
Coefficient: 2.00e+00

Value: JJWT





X39\_Lachnospiraceae\_NK4A136\_group.



X116\_Ruminiclostridium\_9.

FDR: 1.351e-01  
Coefficient: 1.62e+00  
Value: JJWT

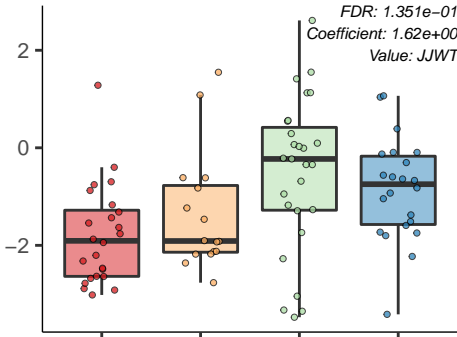
ItgCre (n=24)

JJWT (n=16)

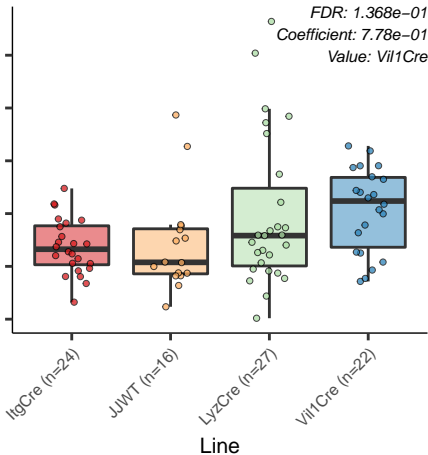
LyzCre (n=27)

Vil1Cre (n=22)

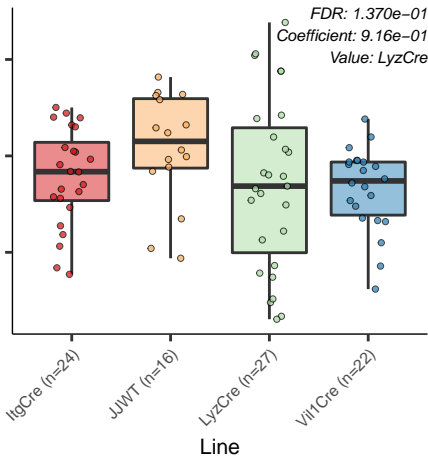
Line



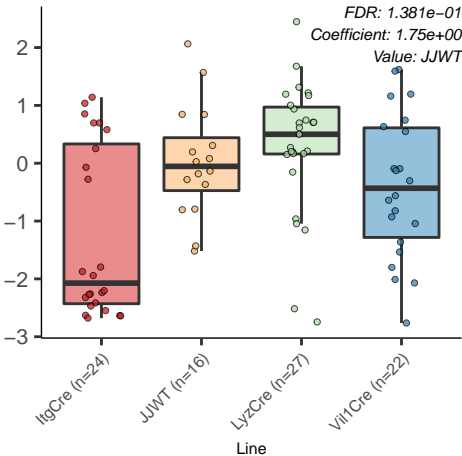
X218\_Lachnospiraceae..f.



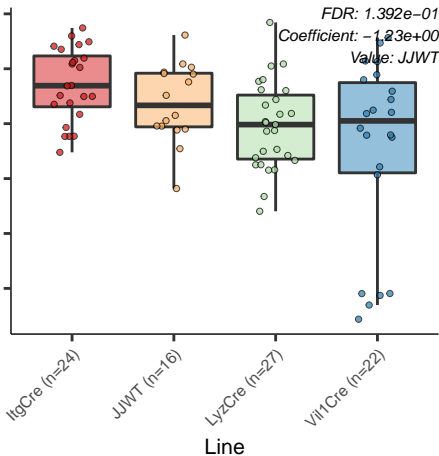
X291\_Lachnospiraceae..f.



X109\_Lachnospiraceae\_NK4A136\_group.



X12\_Muribaculaceae..f.



X116\_Ruminiclostridium\_9.

FDR: 1.415e-01

Coefficient: 9.36e-01

Value: Vil1Cre

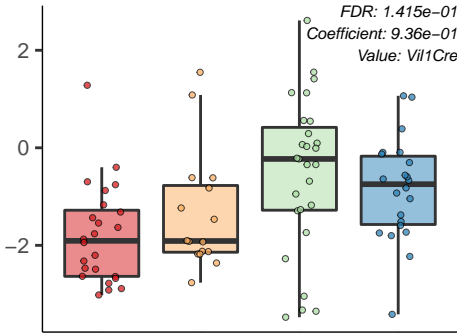
ItgCre (n=24)

JJWT (n=16)

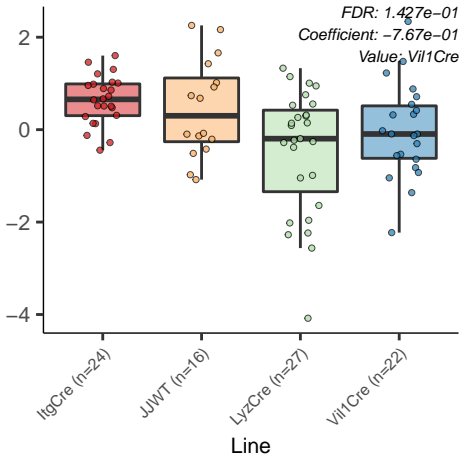
LyzCre (n=27)

Vil1Cre (n=22)

Line



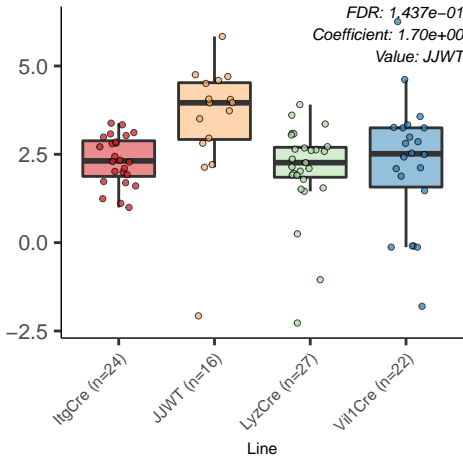
X245\_Lachnoclostridium.



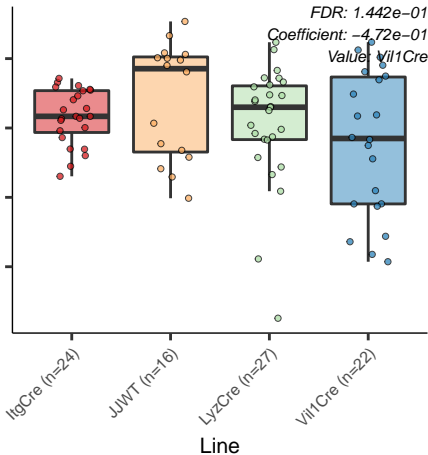


X149\_Bacteroides.acidifaciens

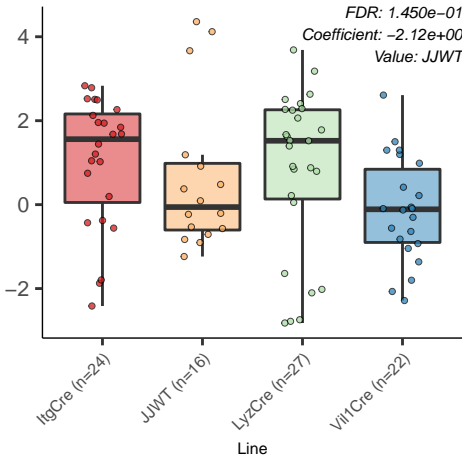
FDR: 1.437e-01  
Coefficient: 1.70e+00  
Value: JJWT



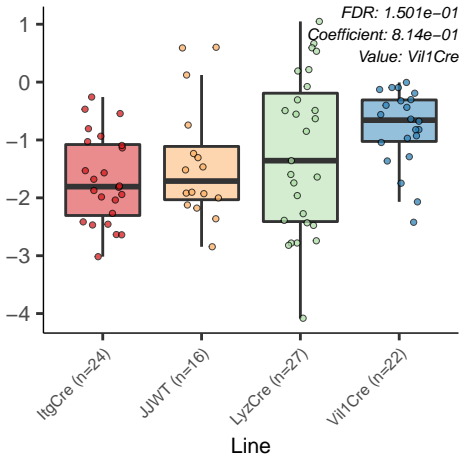
X166\_Intestinimonas.



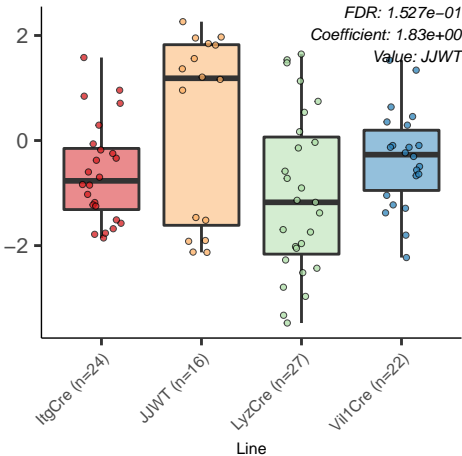
X25\_Candidatus\_Arthromitus.



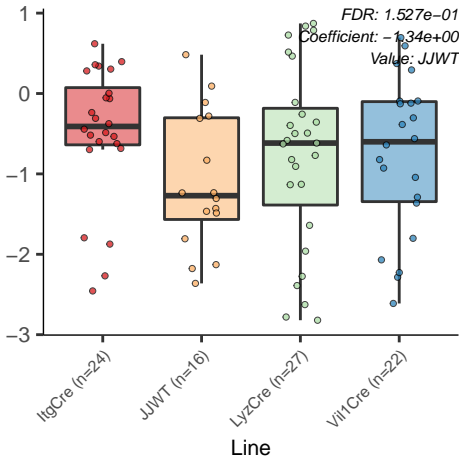
X125\_Ruminiclostridium\_5.



X69\_Ruminococcaceae\_UCG.014.

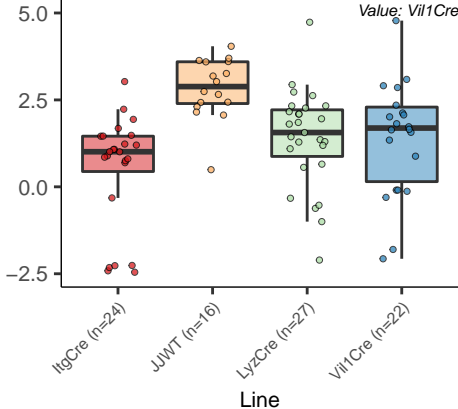


X133\_Lachnospiraceae..f.



X179\_Bacteroides.

*FDR: 1.533e-01*  
*Coefficient: 1.15e+00*  
*Value: Vil1Cre*



X180\_Alistipes.

FDR: 1.538e-01

Coefficient: -1.10e+00

Value: JJWT

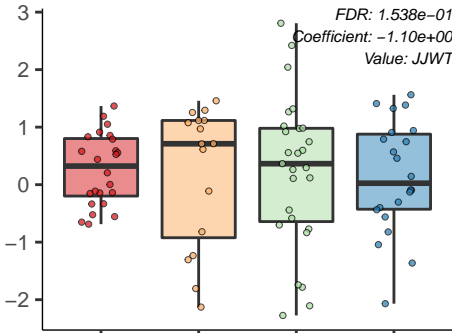
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

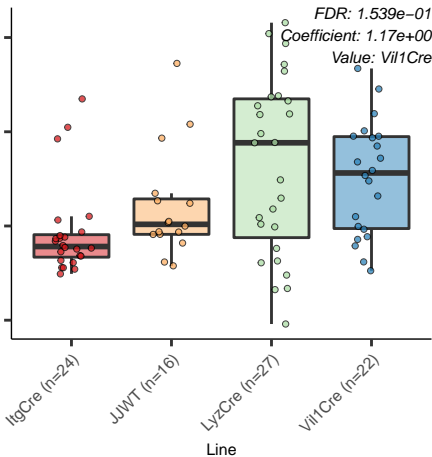
Vil1Cre (n=22)

Line

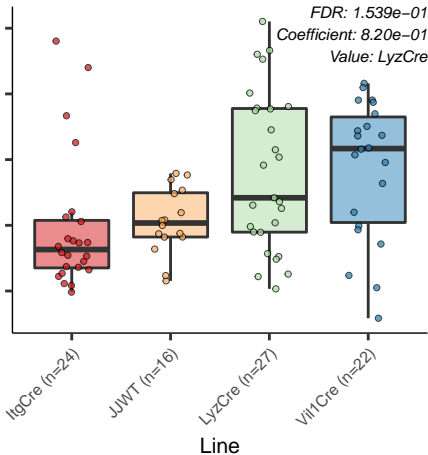




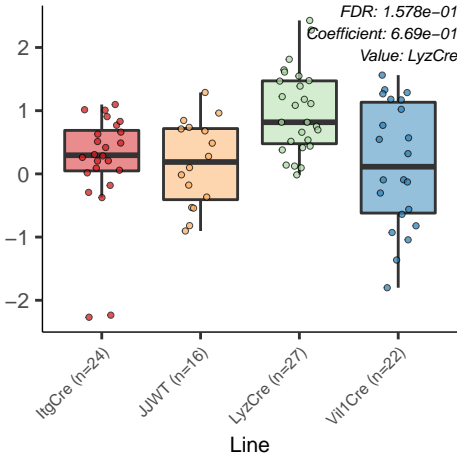
X252\_Lachnospiraceae\_FCS020\_group.



X296\_Lachnospiraceae..f.



X181\_Ruminiclostridium.

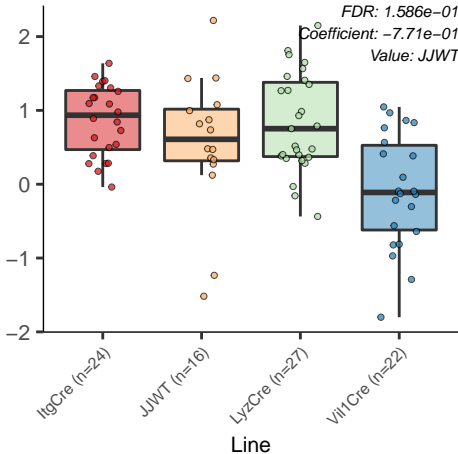


X127\_Ruminococcaceae...f.

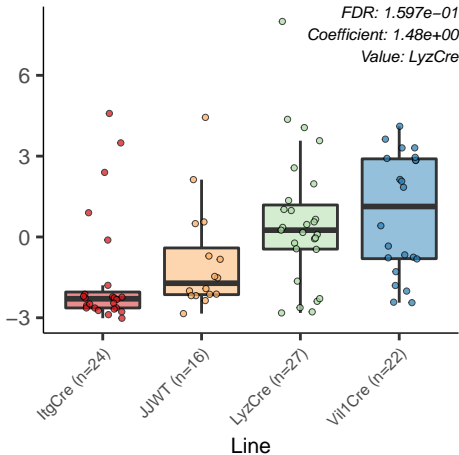
FDR: 1.586e-01

Coefficient: -7.71e-01

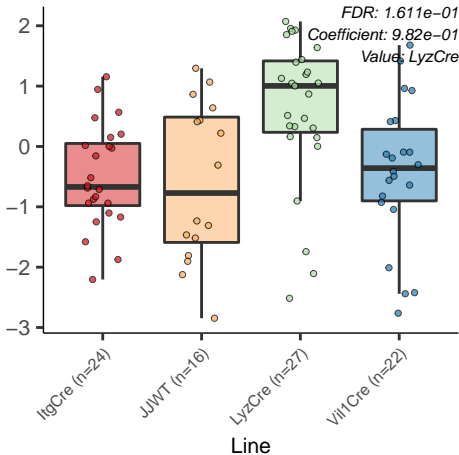
Value: JJWT



X123\_Enterococcus.



X254\_Ruminiclostridium\_5.



X255\_Acetatifactor.

FDR: 1.618e-01

Coefficient: -9.37e-01

Value: *LyzCre*

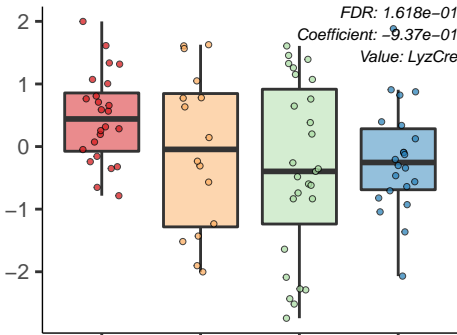
ItgCre (n=24)

JJWT (n=16)

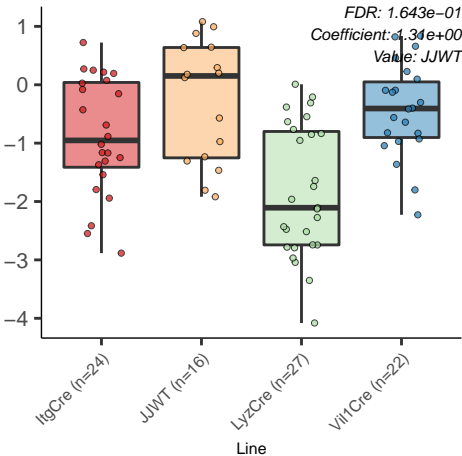
LyzCre (n=27)

Vil1Cre (n=22)

Line

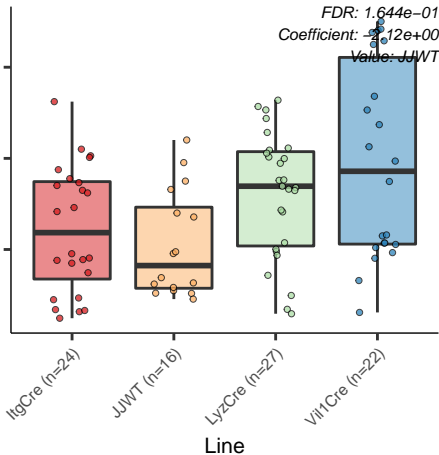


X192\_Christensenellaceae\_R.7\_group.

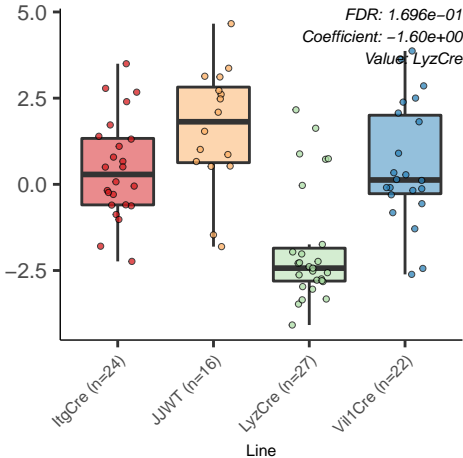




X72\_Escherichia.Shigella.

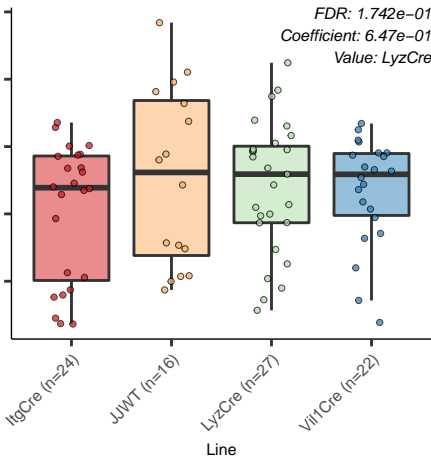


X150\_Ruminococcaceae\_UCG.014.

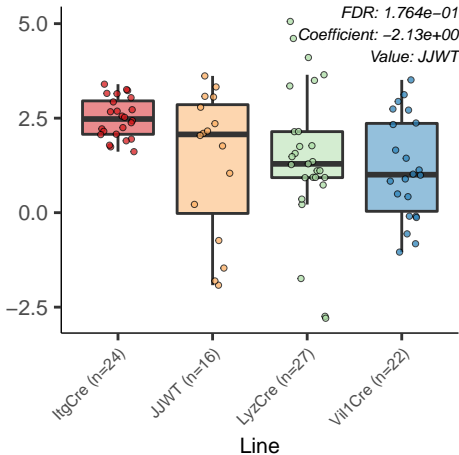


X220\_Gastraerophilales..o.

FDR: 1.742e-01  
Coefficient: 6.47e-01  
Value: LyzCre



X197\_Lachnospiraceae..f.



X128\_GCA.900066575.

FDR: 1.771e-01

Coefficient: 1.50e+00

Value: JJWT

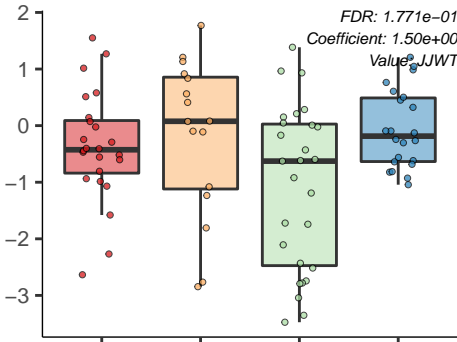
ItgCre (n=24)

JJW (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line



X220\_Gastraerophilales..o.

FDR: 1.772e-01  
Coefficient: 1.06e+00  
Value: JJWT

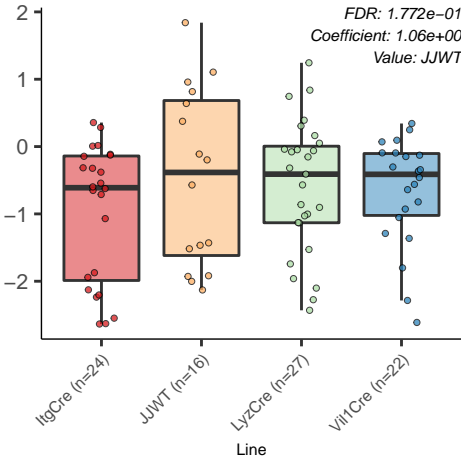
ItgCre (n=24)

JJWT (n=16)

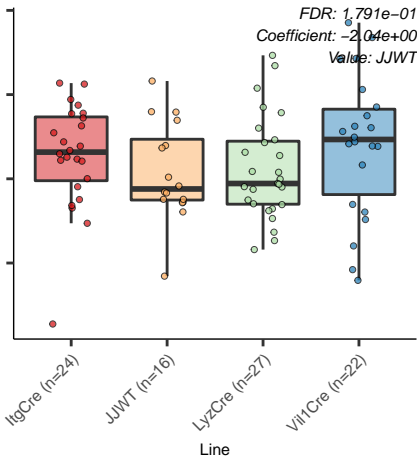
LyzCre (n=27)

Vll1Cre (n=22)

Line

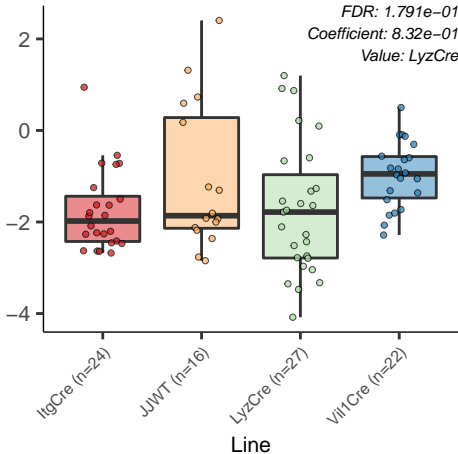


X1\_Faecalibaculum.rodentium



X108\_Lachnospiraceae..f.

FDR: 1.791e-01  
Coefficient: 8.32e-01  
Value: LyzCre





X223\_Muribaculaceae..f.

FDR: 1.856e-01

Coefficient: -8.43e-01

Value: LyzCre

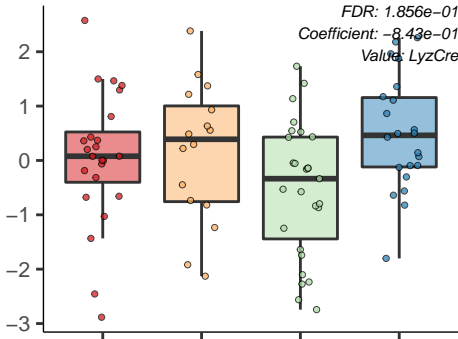
ItgCre (n=24)

JJWT (n=16)

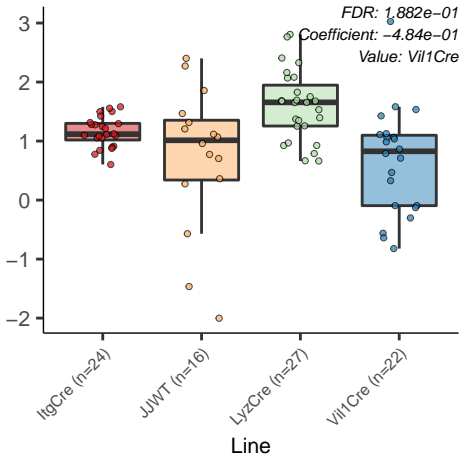
LyzCre (n=27)

Vil1Cre (n=22)

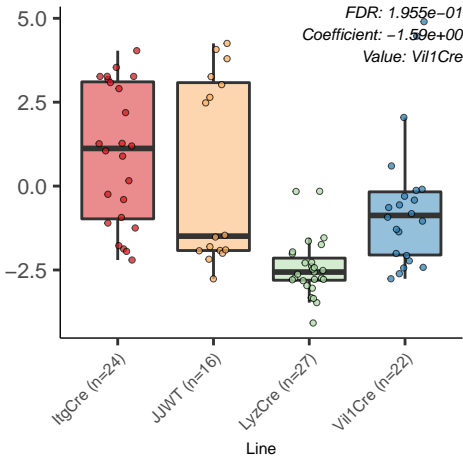
Line



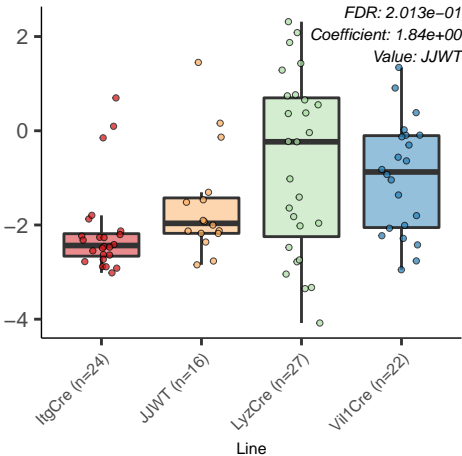
X138\_Lachnospiraceae..f.



X234\_Lachnospiraceae\_UCG.006.bacterium



X252\_Lachnospiraceae\_FCS020\_group.

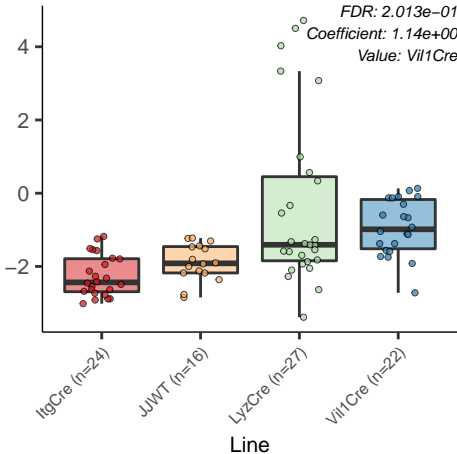


X49\_Lachnospiraceae..f.

FDR: 2.013e-01

Coefficient: 1.14e+00

Value: Vil1Cre



X16\_Muribaculaceae.f.

FDR: 2.020e-01

Coefficient: -6.77e-01

Value: Vil1Cre

ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

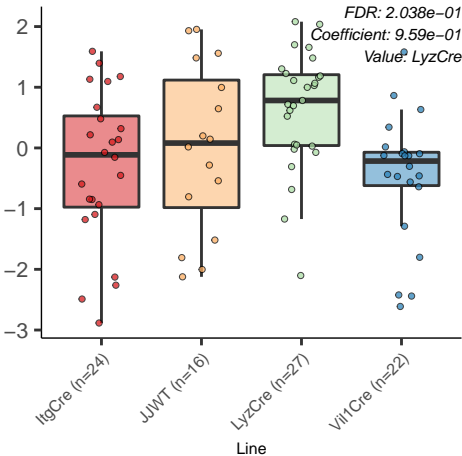
Line

4

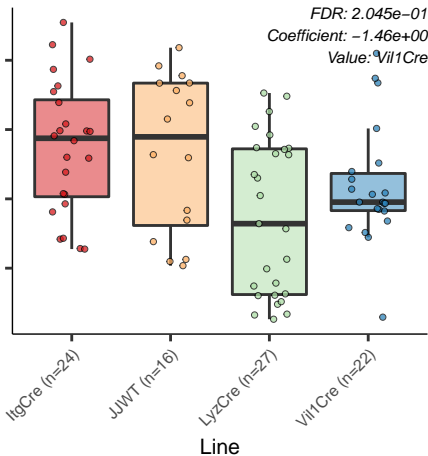
2

0

X253\_Lachnospiraceae\_NK4A136\_group.

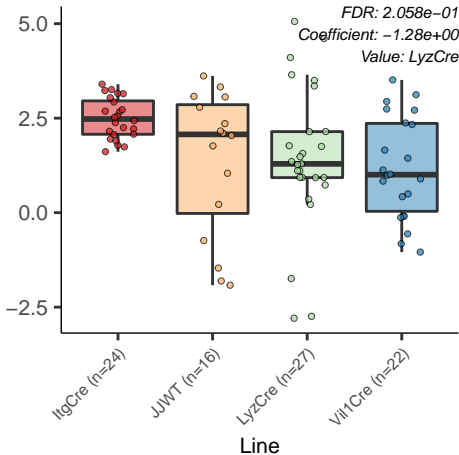


X18\_Lachnoclostridium.





X197\_Lachnospiraceae..f.



X68\_Butyricoccus.

*FDR: 2.063e-01*

*Coefficient: 8.92e-01*

*Value: Vil1Cre*

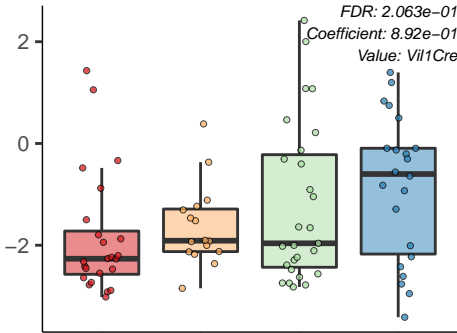
ItgCre (n=24)

JJWT (n=16)

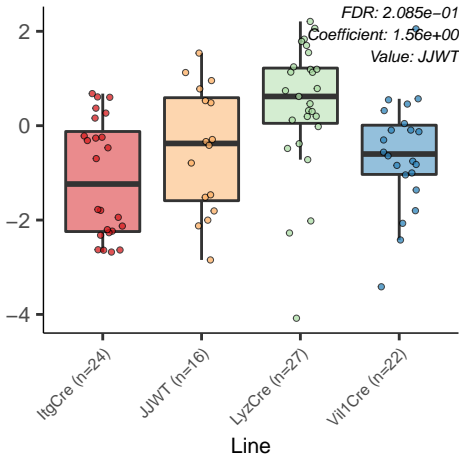
LyzCre (n=27)

Vil1Cre (n=22)

Line



X129\_Intestinimonas.

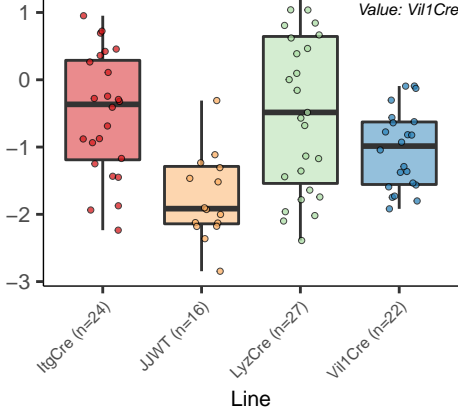


X117\_Ruminiclostridium\_5.

FDR: 2.087e-01

Coefficient: -6.81e-01

Value: Vil1Cre



X300\_Ruminococcaceae...f.

0  
-1  
-2  
-3

ItgCre (n=24)

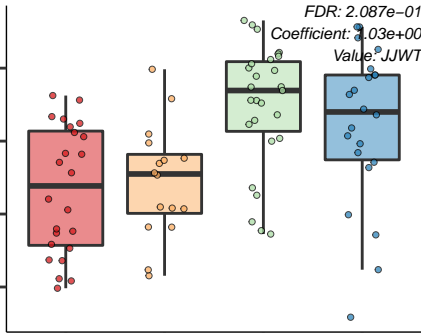
JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line

FDR: 2.087e-01  
Coefficient: 1.03e+00  
Value: JJWT

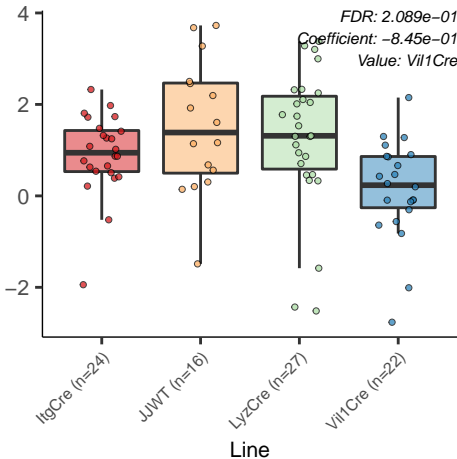


X182\_Lachnospiraceae..f.

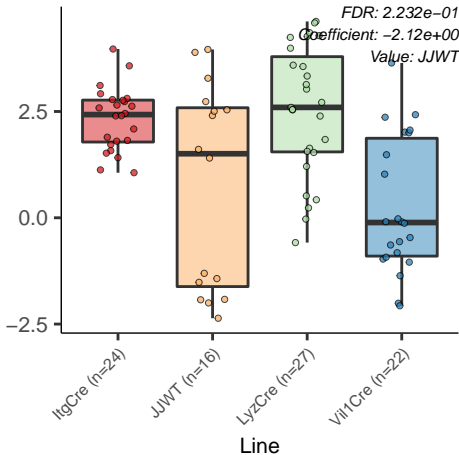
FDR: 2.089e-01

Coefficient: -8.45e-01

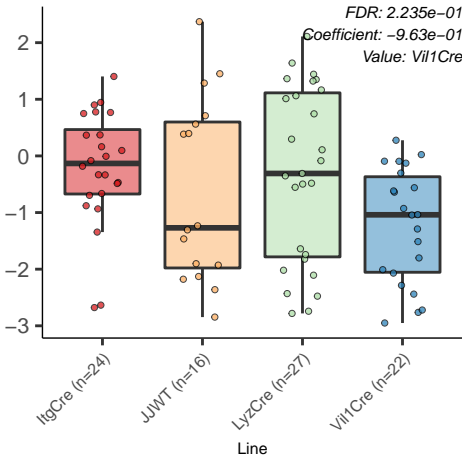
Value: Vil1Cre



X235\_Lachnospiraceae..f.

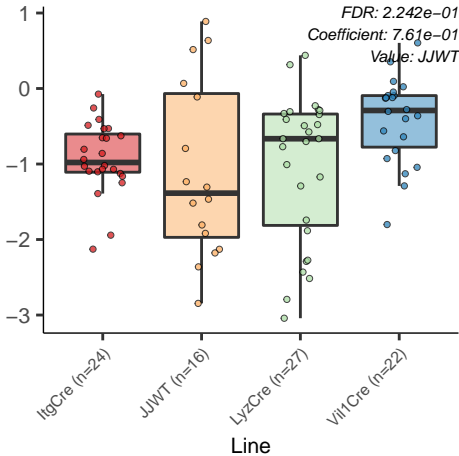


X130\_Lachnospiraceae\_FCS020\_group.

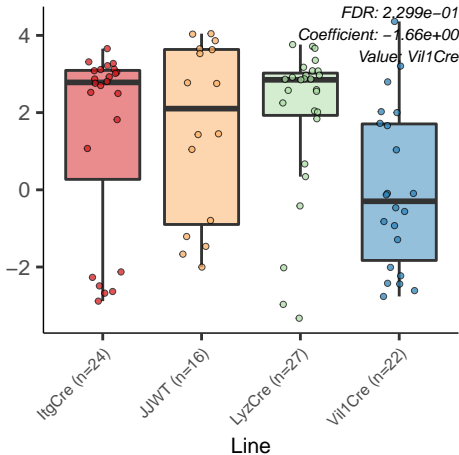




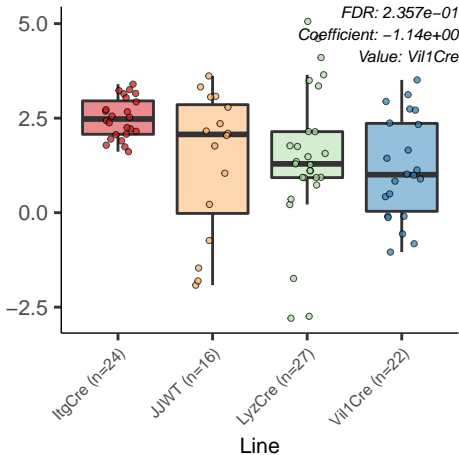
X36\_Family\_XIII..f.



X237\_Marvinbryantia.



X197\_Lachnospiraceae..f.

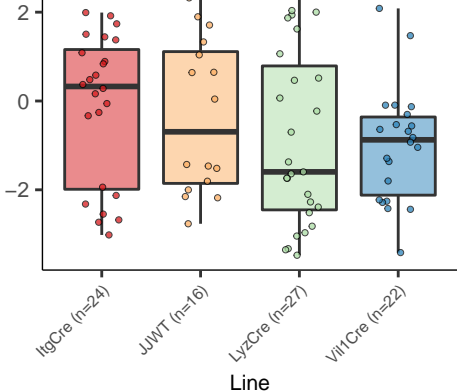


X191\_Lachnospiraceae..f.

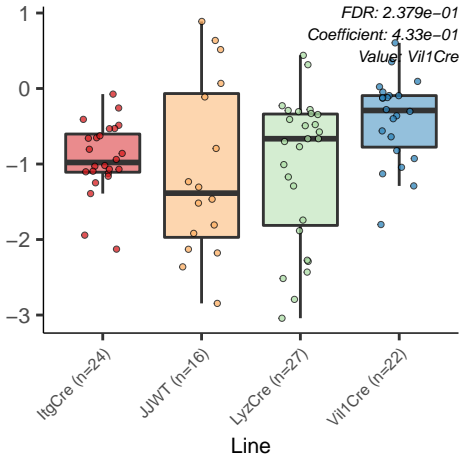
FDR: 2.373e-01

Coefficient: -9.24e-01

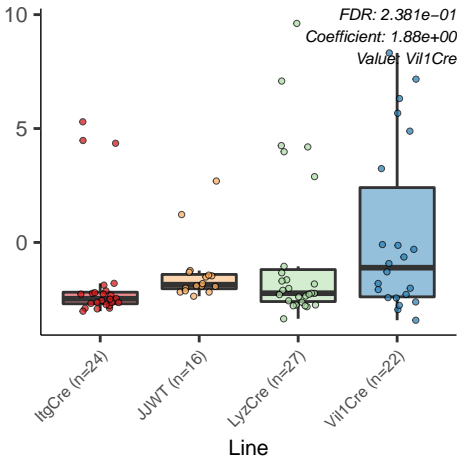
Value: Vil1Cre



X36\_Family\_XIII..f.



X140\_Lachnoclostridium.

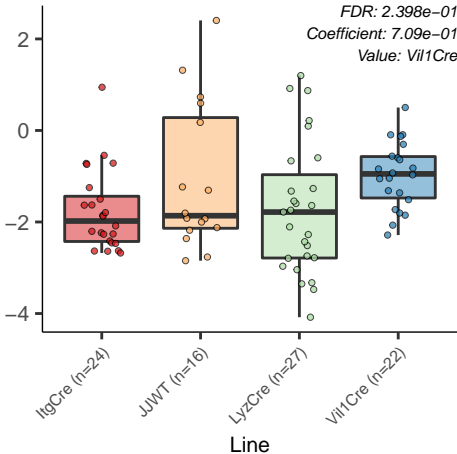


X108\_Lachnospiraceae..f.

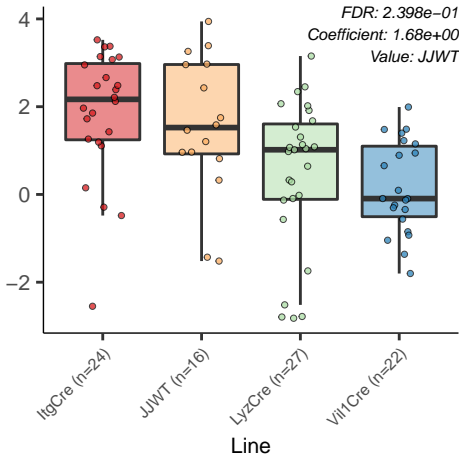
FDR: 2.398e-01

Coefficient: 7.09e-01

Value: Vil1Cre

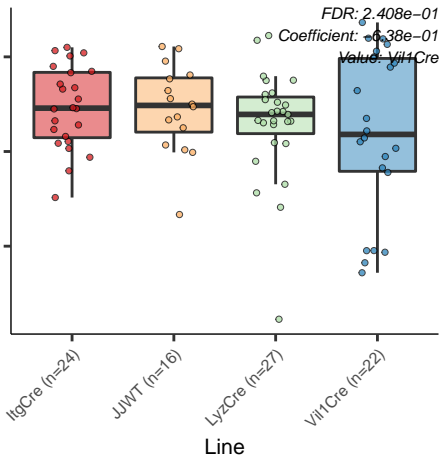


X269\_Lachnospiraceae..f.





X32\_Muribaculaceae..f.



X79\_Staphylococcus.

*FDR: 2.408e-01*

*Coefficient: 8.53e-01*

*Value: Vil1Cre*

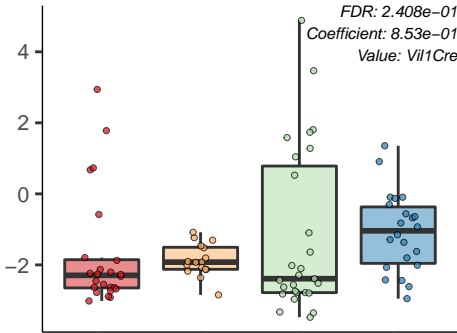
ItgCre (n=24)

JJWT (n=16)

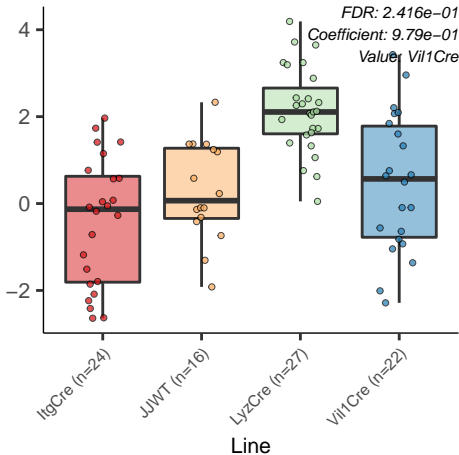
LyzCre (n=27)

Vil1Cre (n=22)

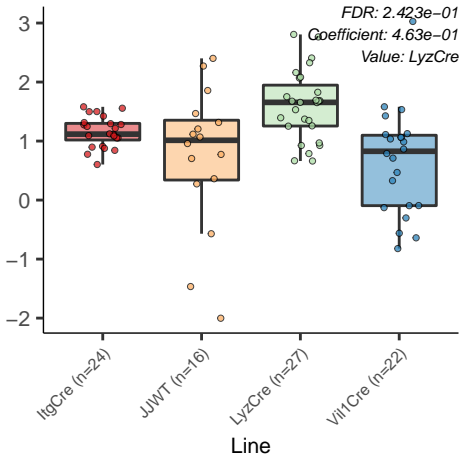
Line



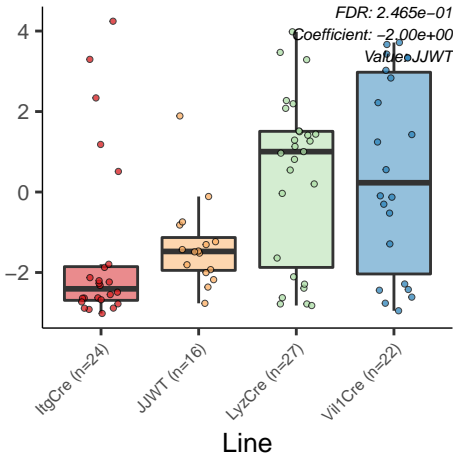
X60\_Lachnospiraceae..f.



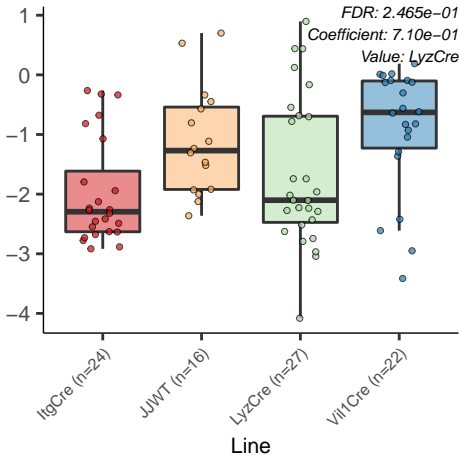
X138\_Lachnospiraceae..f.



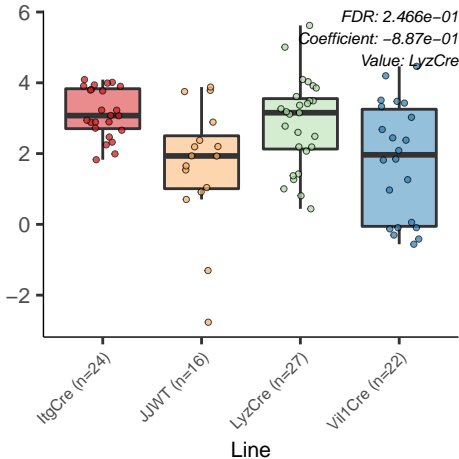
X219\_Blautia.



X297\_Ruminococcaceae...f.



X22\_Muribaculaceae..f.



X187\_Ruminiclostridium\_5.

FDR: 2.466e-01

Coefficient: 9.94e-01

Value: JJWT

1  
0  
-1  
-2  
-3

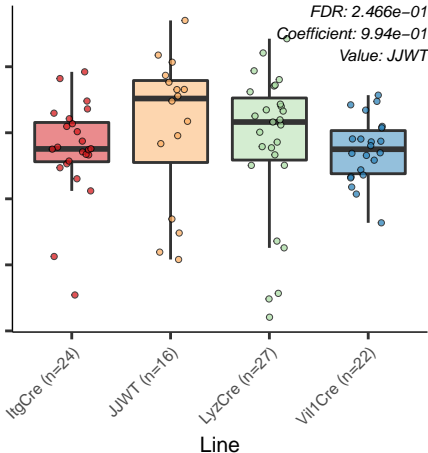
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line





X135\_Oscillibacter.

*FDR: 2.468e-01*

*Coefficient: 1.03e+00*

*Value: Vil1Cre*

2  
1  
0  
-1  
-2  
-3

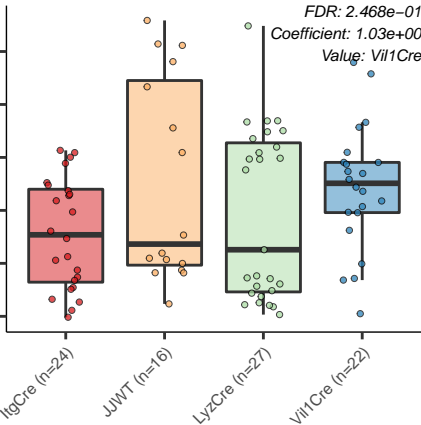
ItgCre (n=24)

JJWT (n=16)

LyzCre (n=27)

Vil1Cre (n=22)

Line



X76\_Roseburia.

