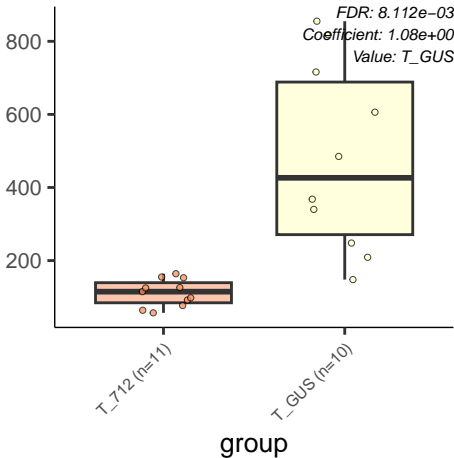


CBM11.hmm



GH107.hmm

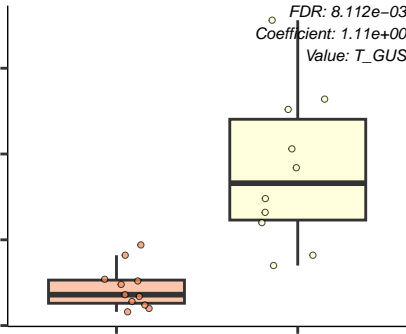
150
100
50
0

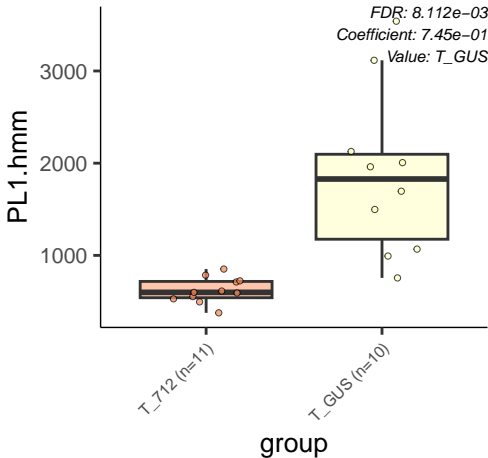
T_712 (n=11)

T_GUS (n=10)

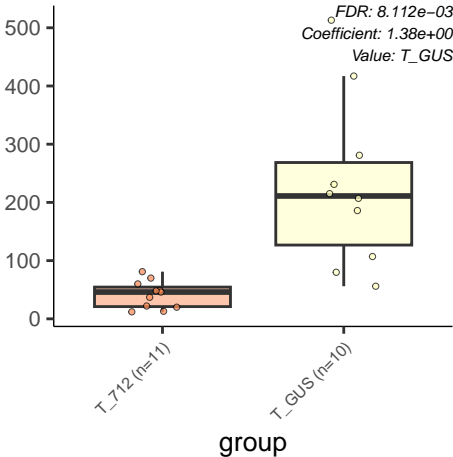
group

FDR: 8.112e-03
Coefficient: 1.11e+00
Value: T_GUS





PL10_2.hmm



PL15_1.hmm

100

50

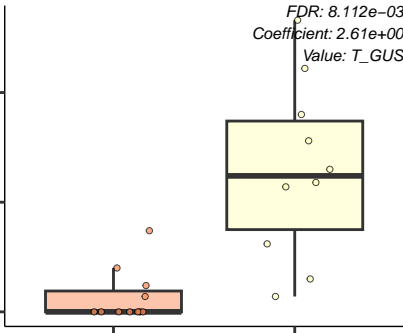
0

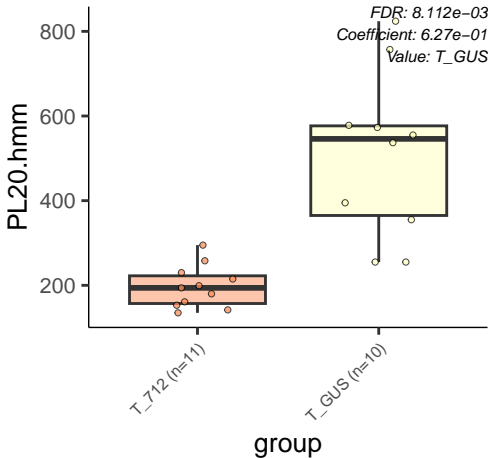
T_712 (n=11)

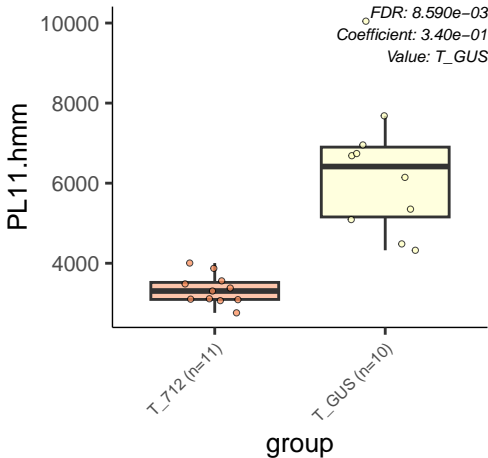
T_GUS (n=10)

group

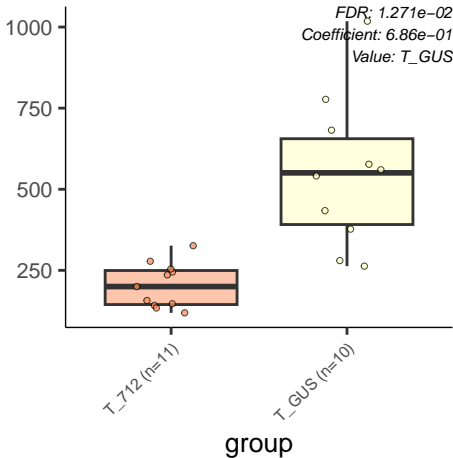
FDR: $8.112e-03$
Coefficient: $2.61e+00$
Value: T_GUS



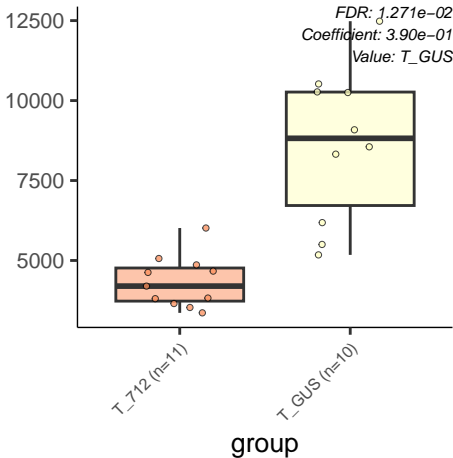




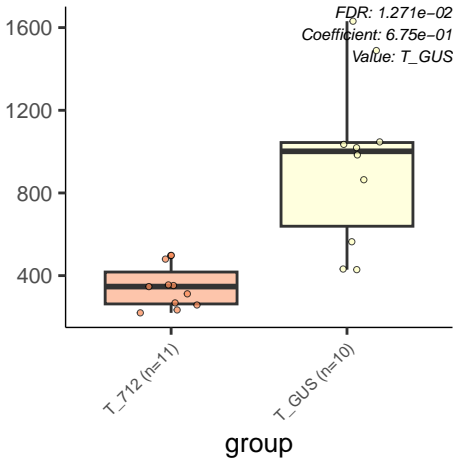
CBM47.hmm



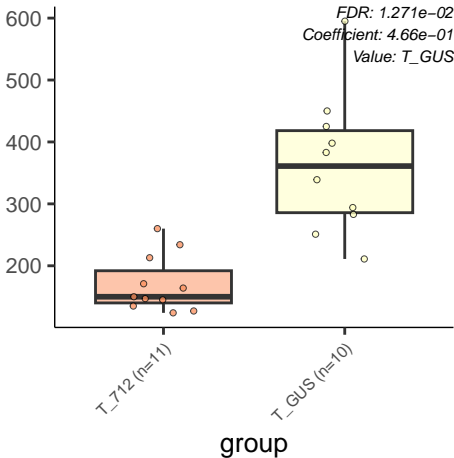
CE15.hmm

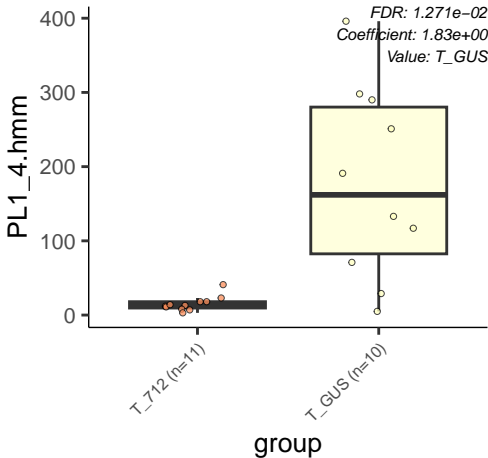


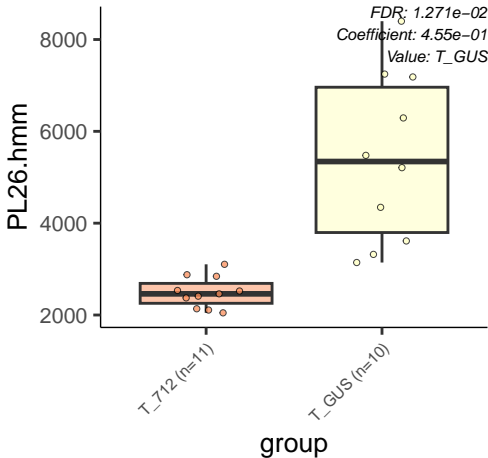
GH100.hmm

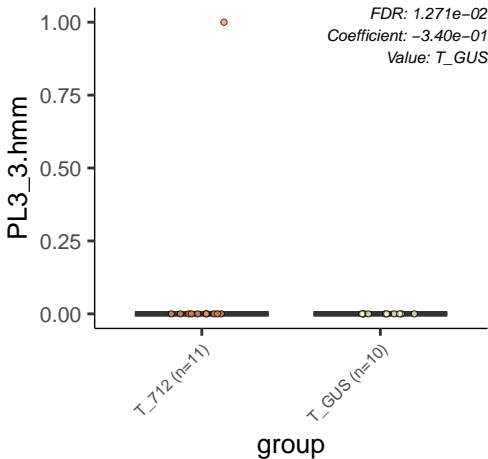


GH5_36.hmm

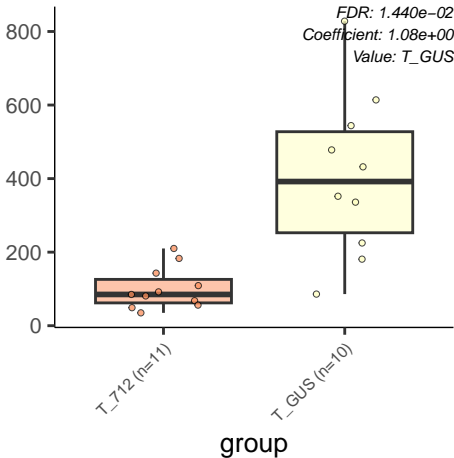








GH52.hmm



GH24.hmm

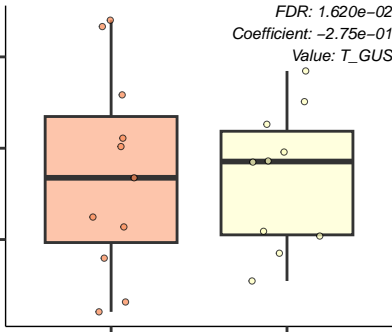
4000
3500
3000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.620e-02
Coefficient: -2.75e-01
Value: T_GUS



CBM61.hmm

1000

750

500

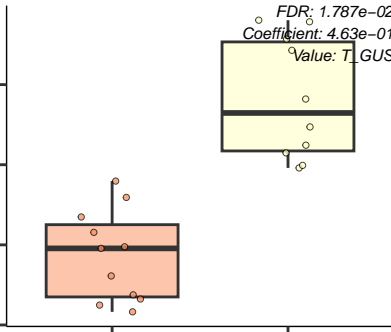
250

T_712 (n=11)

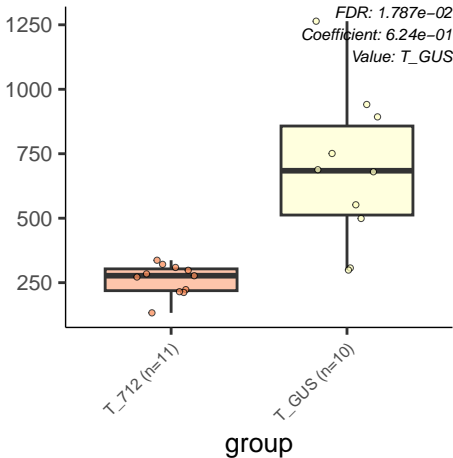
T_GUS (n=10)

group

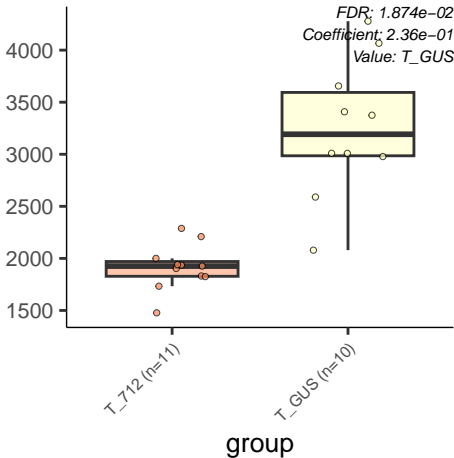
FDR: 1.787e-02
Coefficient: 4.63e-01
Value: T_GUS



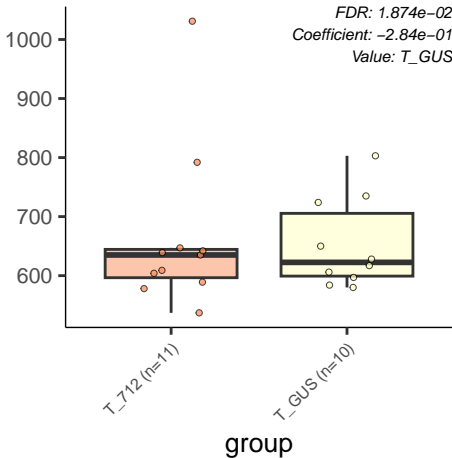
GH43_17.hmm



GH133.hmm



GH47.hmm



PL11_2.hmm

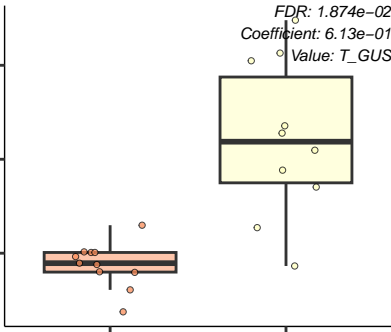
1500
1000
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.874e-02
Coefficient: 6.13e-01
Value: T_GUS



PL1_3.hmm

300

200

100

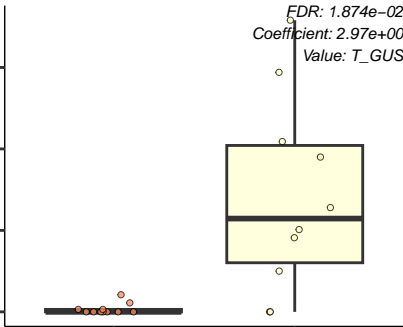
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.874e-02
Coefficient: 2.97e+00
Value: T_GUS



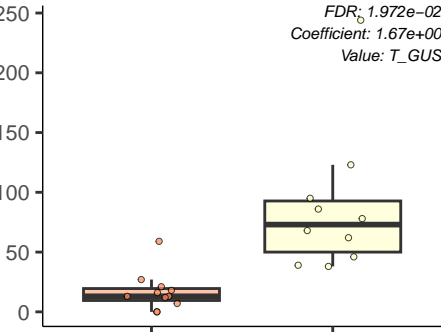
CBM59.hmm

FDR: $1.972e-02$
Coefficient: $1.67e+00$
Value: T_GUS

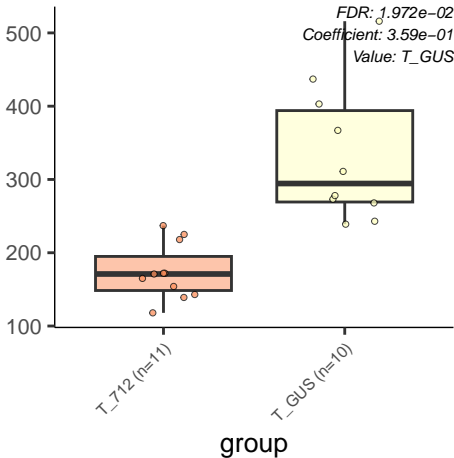
T_712 (n=11)

T_GUS (n=10)

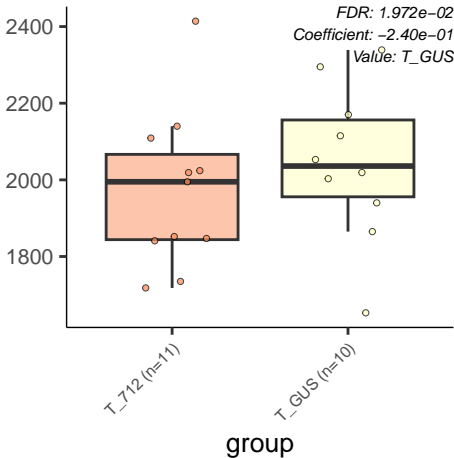
group



CBM63.hmm



GH125.hmm



GH13_2.hmm

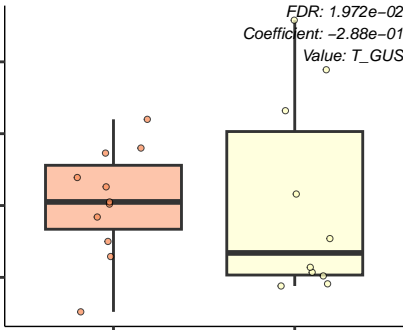
900
800
700
600

T_712 (n=11)

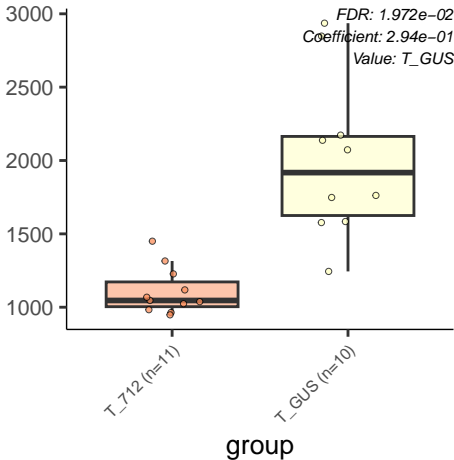
T_GUS (n=10)

group

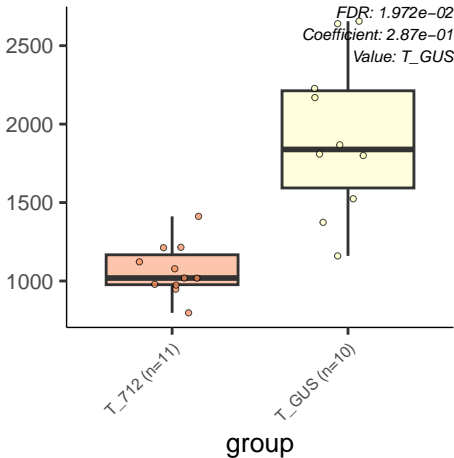
FDR: 1.972e-02
Coefficient: -2.88e-01
Value: T_GUS



GH145.hmm



GH43_11.hmm



GH43_31.hmm

FDR: 1.972e-02

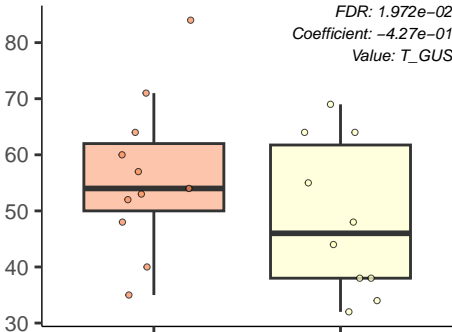
Coefficient: -4.27e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH44.hmm

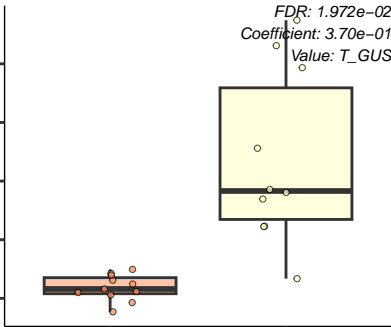
3000
2500
2000
1500
1000

T_712 (n=11)

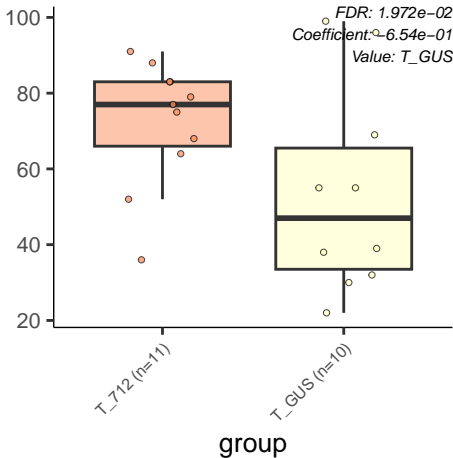
T_GUS (n=10)

group

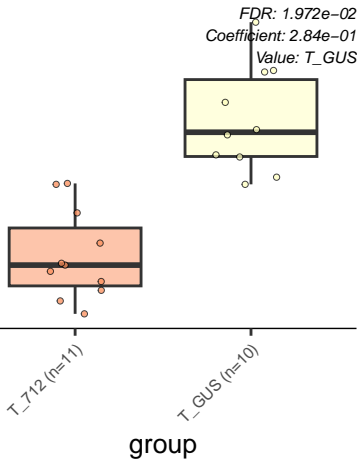
FDR: 1.972e-02
Coefficient: 3.70e-01
Value: T_GUS



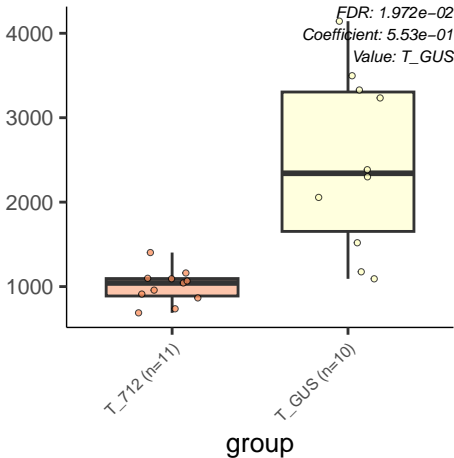
GT77.hmm



GT89.hmm



PL22_2.hmm



GH81.hmm

1200

800

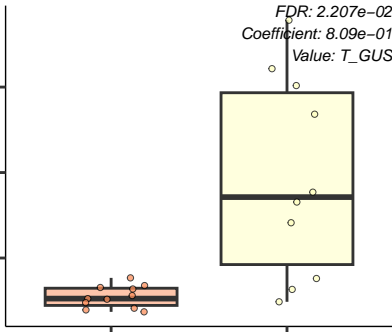
400

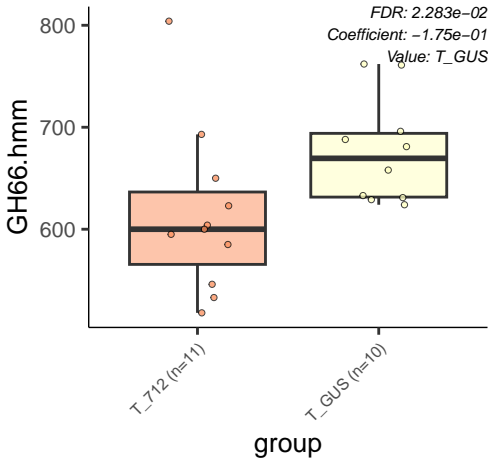
T_712 (n=11)

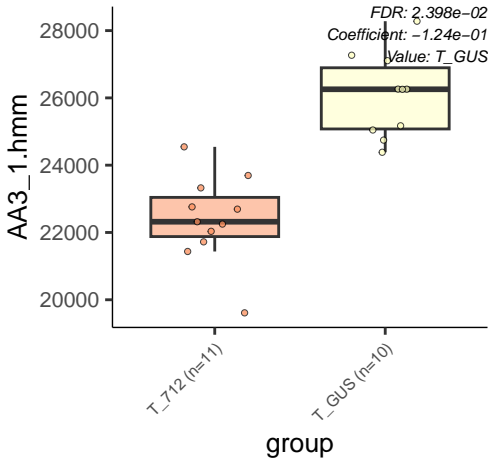
T_GUS (n=10)

group

FDR: 2.207e-02
Coefficient: 8.09e-01
Value: T_GUS







CE12.hmm

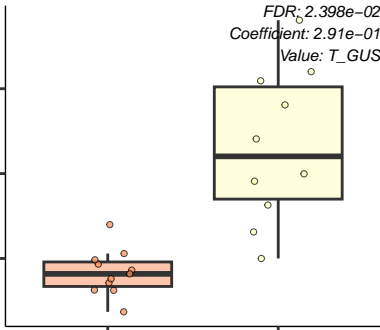
12000
9000
6000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.398e-02
Coefficient: 2.91e-01
Value: T_GUS



GH143.hmm

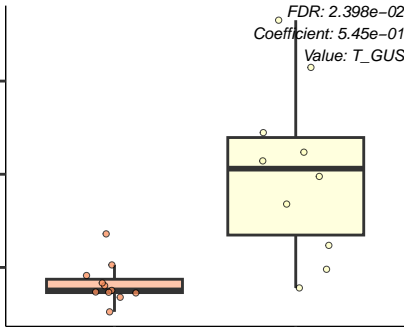
900
600
300

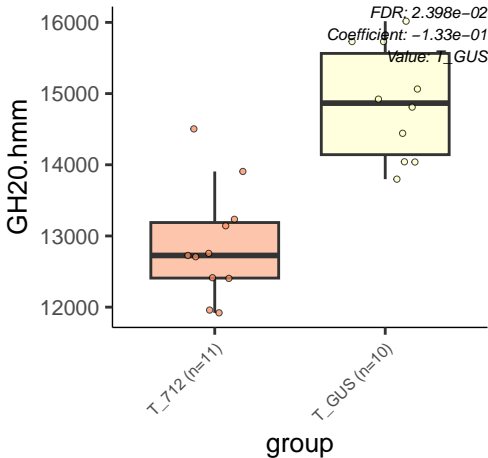
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.398e-02
Coefficient: 5.45e-01
Value: T_GUS





GH5_13.hmm

FDR: 2.398e-02

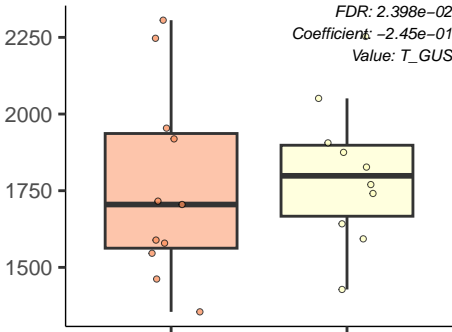
Coefficient: -2.45e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH5_2.hmm

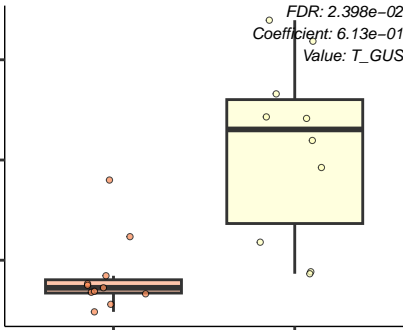
600
400
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.398e-02
Coefficient: 6.13e-01
Value: T_GUS



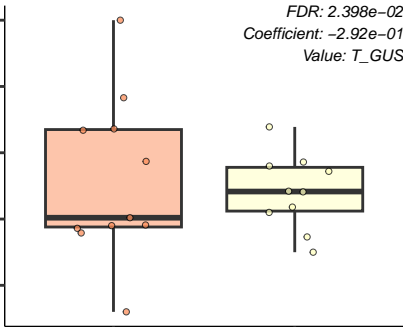
GT14.hmm

FDR: 2.398e-02
Coefficient: -2.92e-01
Value: T_GUS

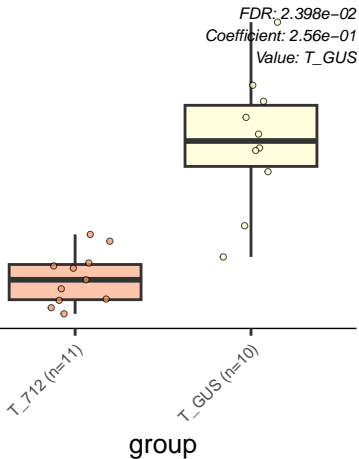
T_712 (n=11)

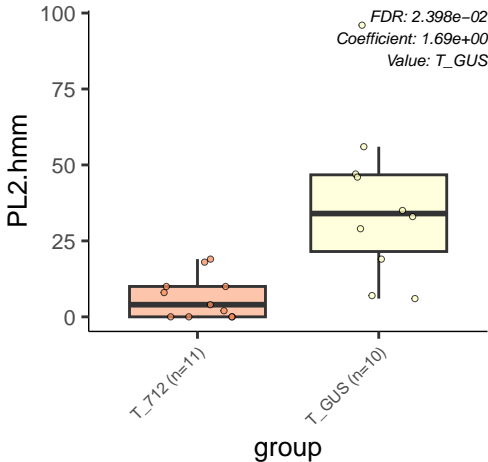
T_GUS (n=10)

group

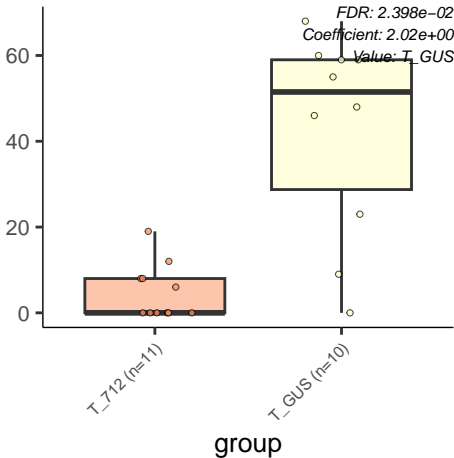


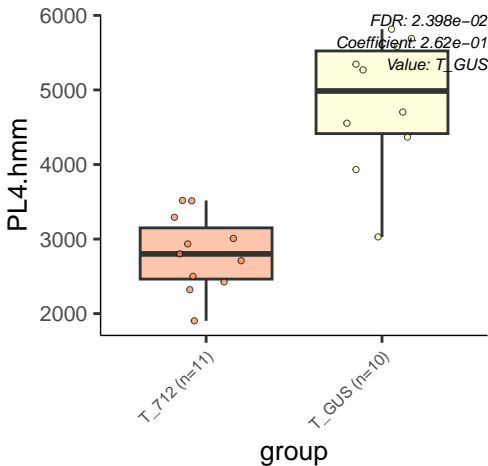
GT46.hmm





PL21_1.hmm





PL6_2.hmm

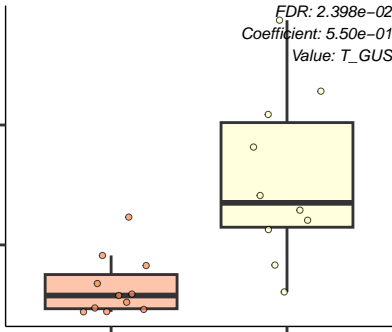
1000
500

T_712 (n=11)

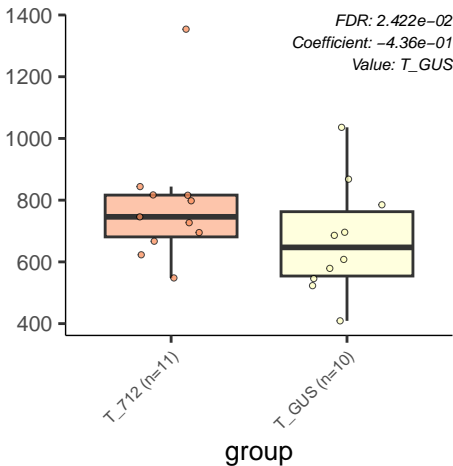
T_GUS (n=10)

group

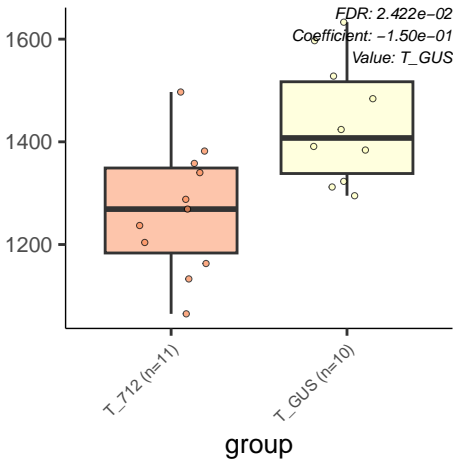
FDR: 2.398e-02
Coefficient: 5.50e-01
Value: T_GUS



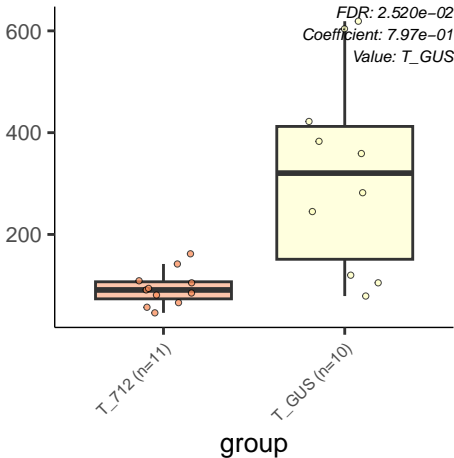
GH13_4.hmm



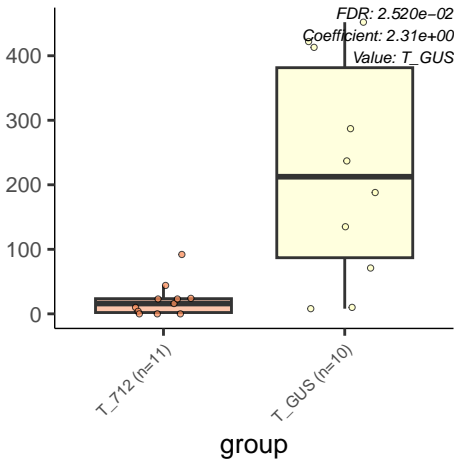
GT25.hmm



CBM23.hmm



GH45.hmm



GH121.hmm

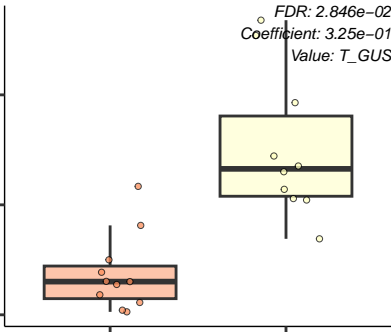
3000
2000
1000

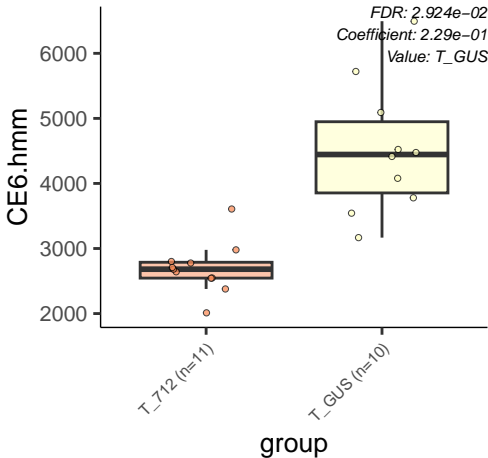
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.846e-02
Coefficient: 3.25e-01
Value: T_GUS





GH13_36.hmm

FDR: 2.924e-02

Coefficient: -2.42e-01

Value: T_GUS

2000

1750

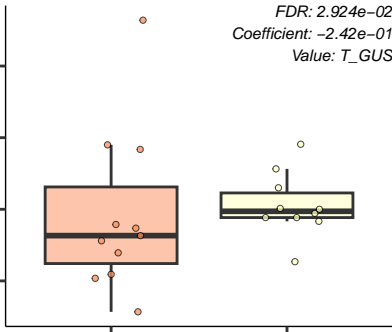
1500

1250

T_712 (n=11)

T_GUS (n=10)

group



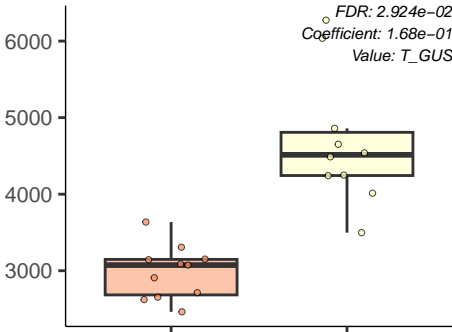
GH26.hmm

FDR: 2.924e-02
Coefficient: 1.68e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



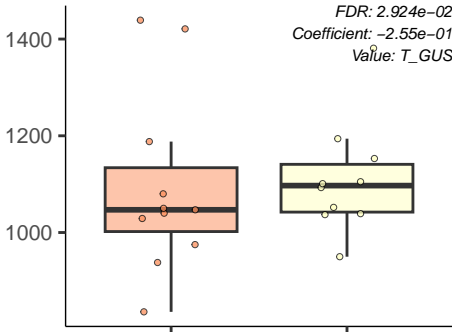
GH43_9.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: $2.924e-02$
Coefficient: $-2.55e-01$
Value: T_GUS



GH5_15.hmm

FDR: 2.924e-02

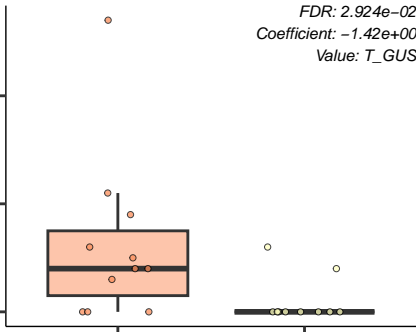
Coefficient: -1.42e+00

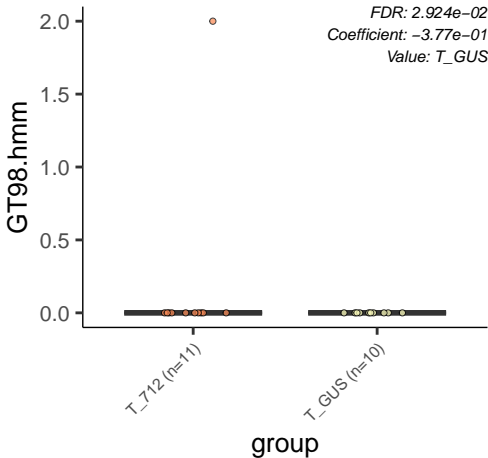
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





PL7_4.hmm

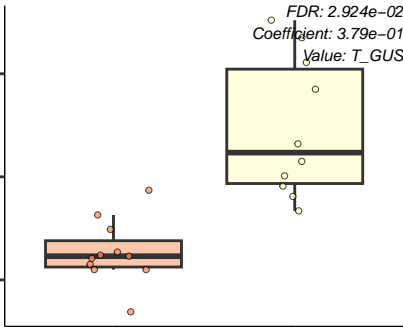
300
200
100

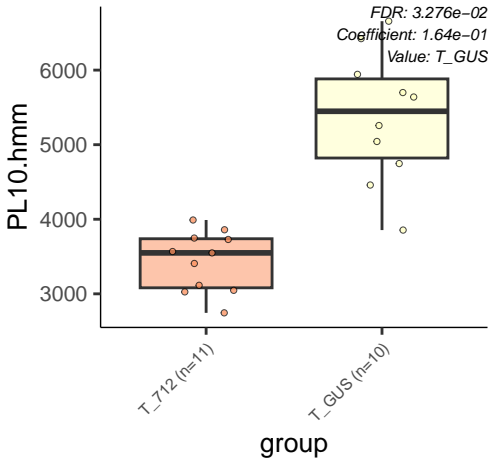
T_712 (n=11)

T_GUS (n=10)

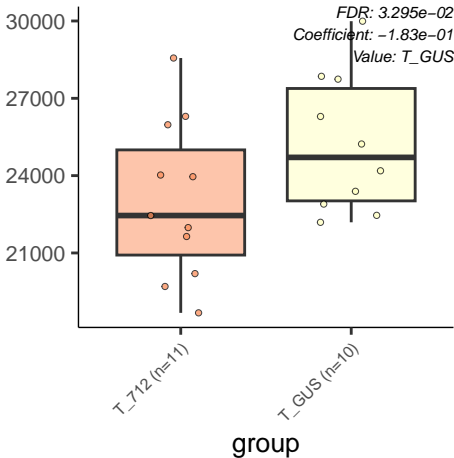
group

FDR: 2.924e-02
Coefficient: 3.79e-01
Value: T_GUS





CBM50.hmm



GH5_10.hmm

200

100

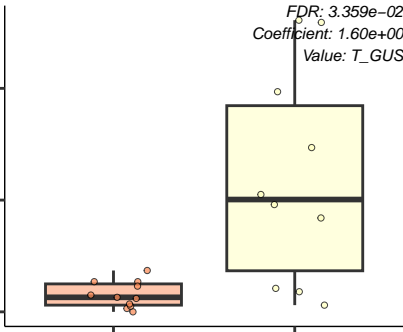
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 3.359e-02
Coefficient: 1.60e+00
Value: T_GUS



GH109.hmm

70000

60000

50000

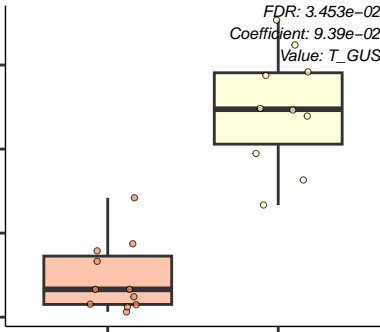
40000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 3.453e-02
Coefficient: 9.39e-02
Value: T_GUS



GH5_21.hmm

FDR: 3.453e-02

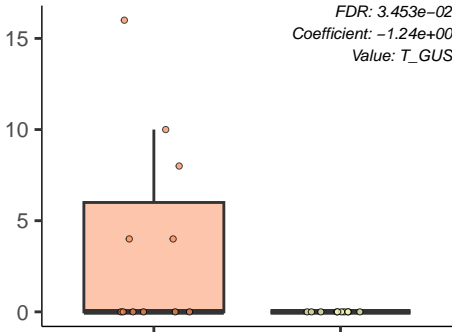
Coefficient: -1.24e+00

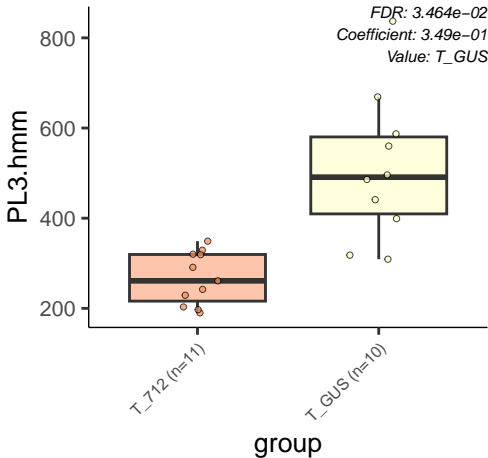
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





GH13_21.hmm

FDR: 3.544e-02

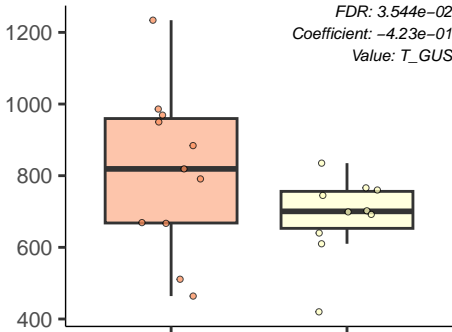
Coefficient: -4.23e-01

Value: T_GUS

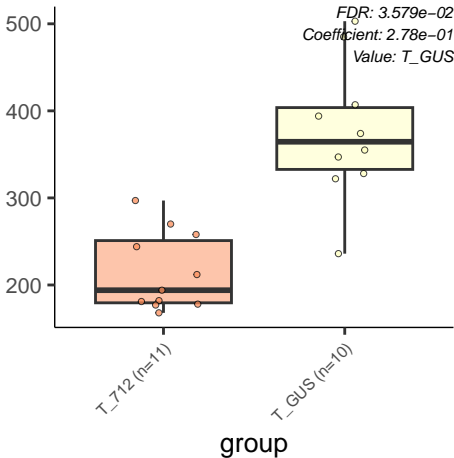
T_712 (n=11)

T_GUS (n=10)

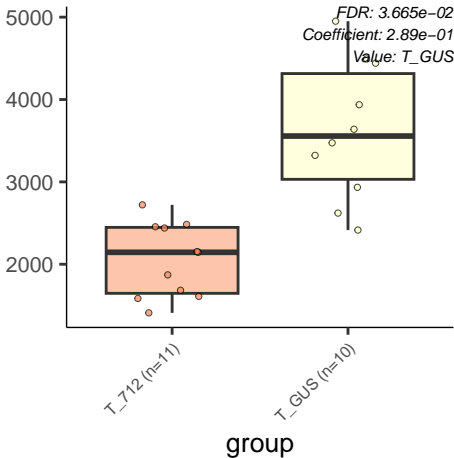
group



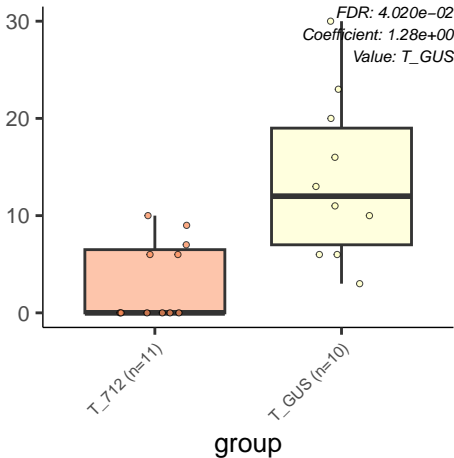
GH75.hmm



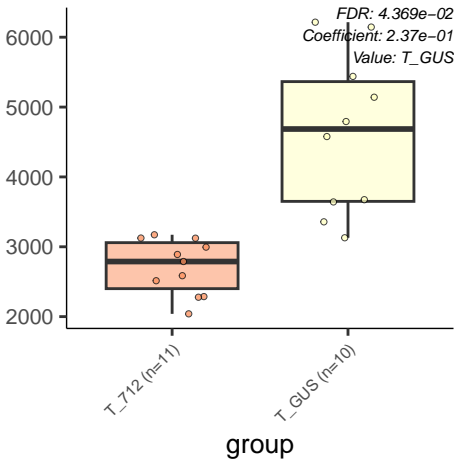
GH140.hmm

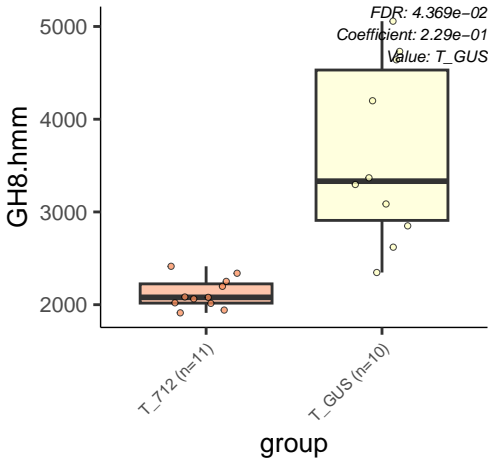


PL17_2.hmm

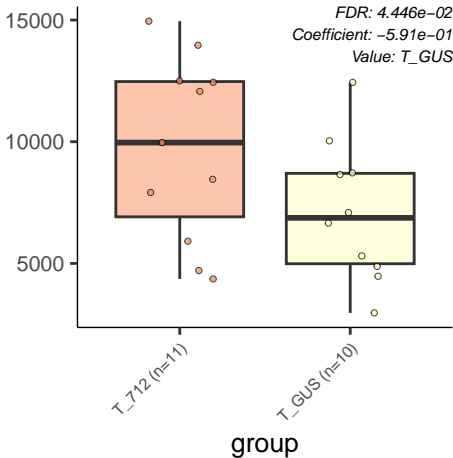


GH5.hmm

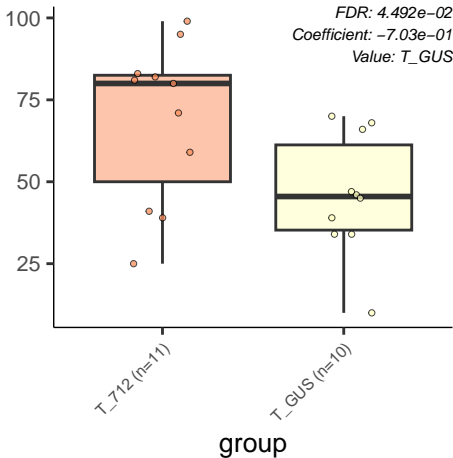


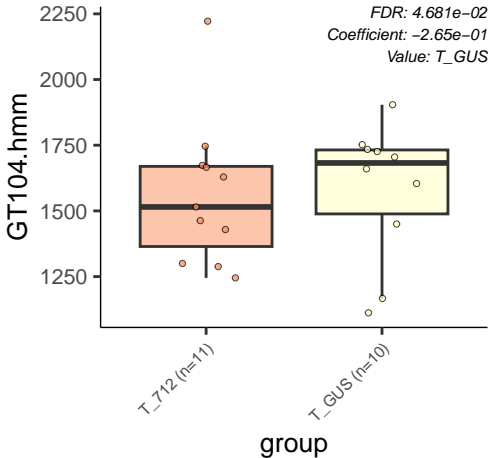


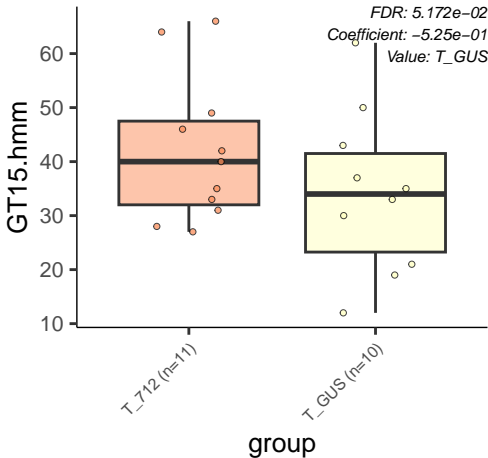
CBM4.hmm



PL5_1.hmm







GH5_41.hmm

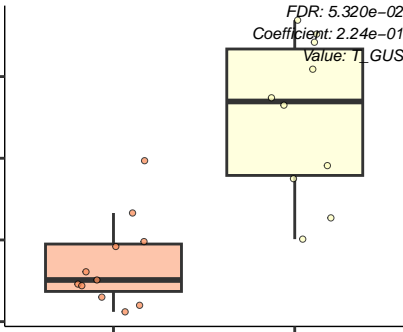
500
400
300
200

T_712 (n=11)

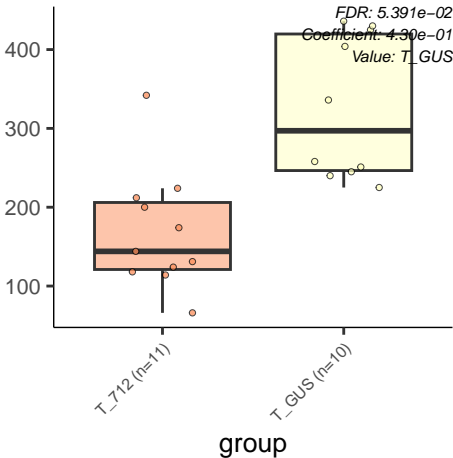
T_GUS (n=10)

group

FDR: 5.320e-02
Coefficient: 2.24e-01
Value: T_GUS



GH43_8.hmm



GH89.hmm

FDR: 5.391e-02

Coefficient: -2.64e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

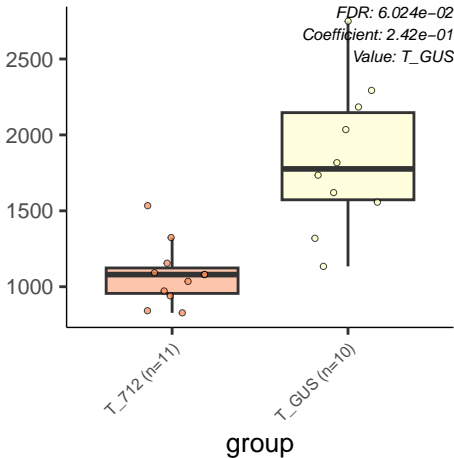
group

2400

2000

1600

GH138.hmm



GH30.hmm

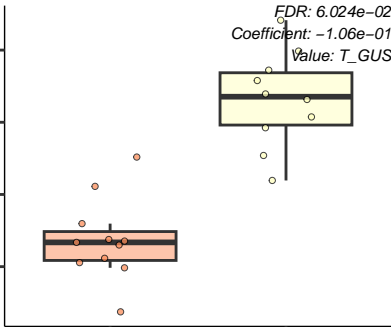
T_712 (n=11)

T_GUS (n=10)

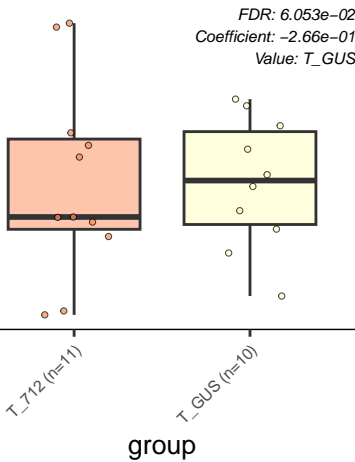
group

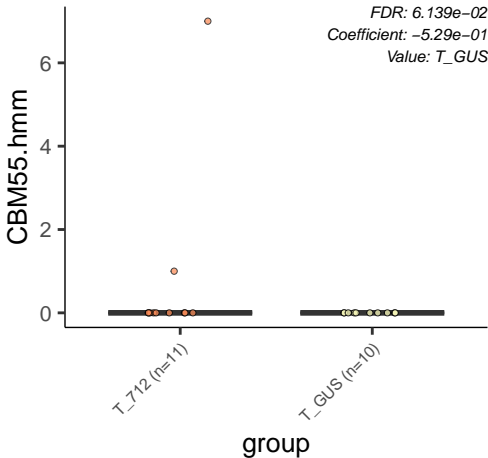
FDR: $6.024e-02$
Coefficient: $-1.06e-01$
Value: T_GUS

6500
6000
5500
5000

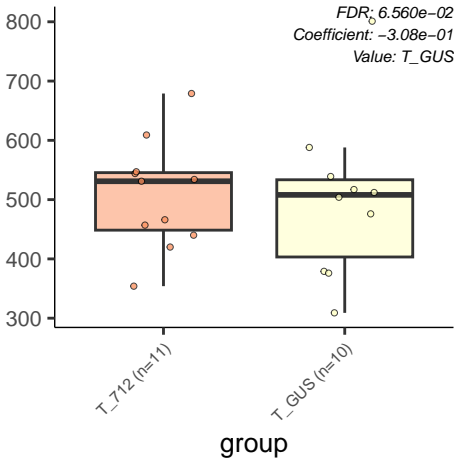


GH43_29.hmm





GH135.hmm



PL9_4.hmm

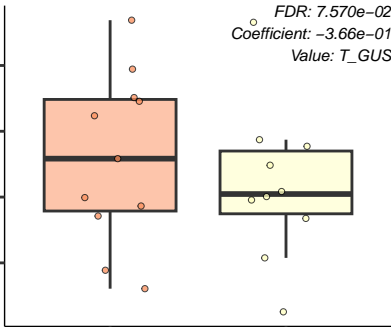
FDR: 7.570e-02
Coefficient: -3.66e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

1500
1250
1000
750



GH97.hmm

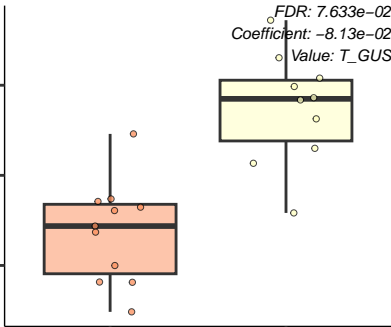
8000
7000
6000

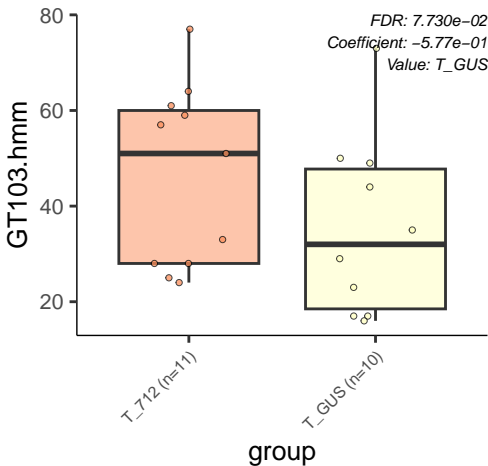
T_712 (n=11)

T_GUS (n=10)

group

FDR: $7.633e-02$
Coefficient: $-8.13e-02$
Value: T_GUS





PL9_3.hmm

FDR: 8.408e-02

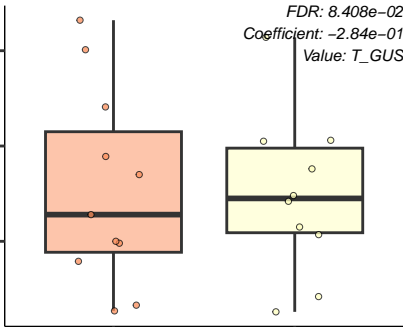
Coefficient: -2.84e-01

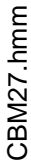
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





FDR: 8.947e-02

Coefficient: $-4.03e-01$

Value: *T_GUS*

T_712 (n=11)

T_GUS (n=10)

group

CBM24.hmm

FDR: 9.036e-02

Coefficient: -4.23e-01

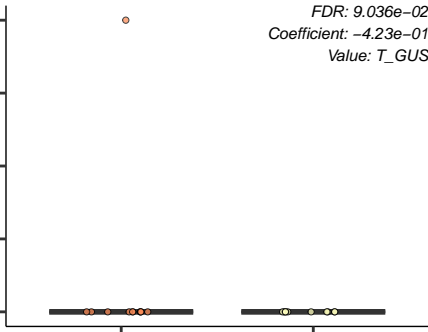
Value: T_GUS

4
3
2
1
0

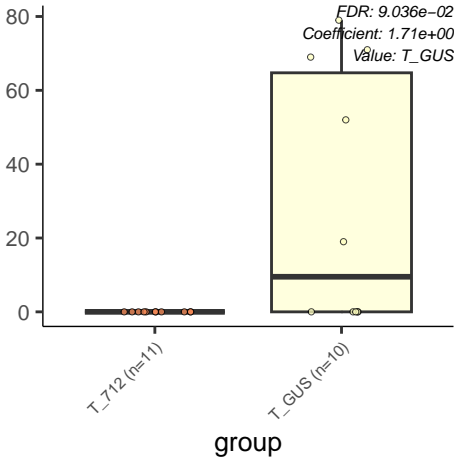
T_712 (n=11)

T_GUS (n=10)

group



CBM31.hmm



GH106.hmm

20000

16000

12000

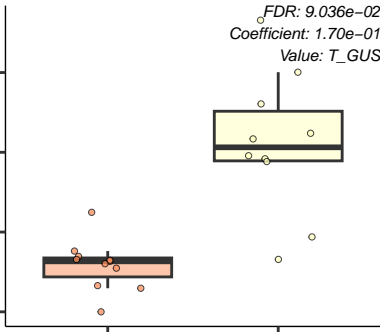
8000

T_712 (n=11)

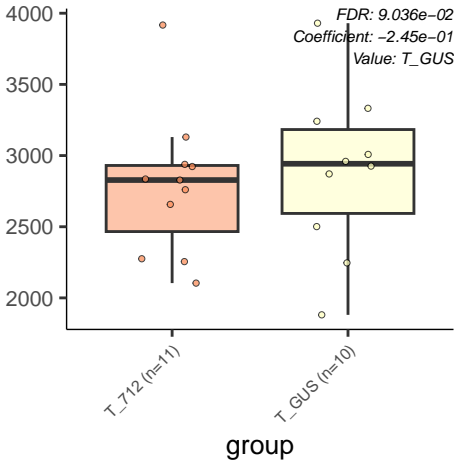
T_GUS (n=10)

group

FDR: 9.036e-02
Coefficient: 1.70e-01
Value: T_GUS



GH13_13.hmm



GT66.hmm

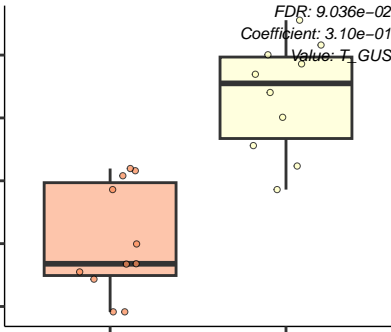
T_712 (n=11)

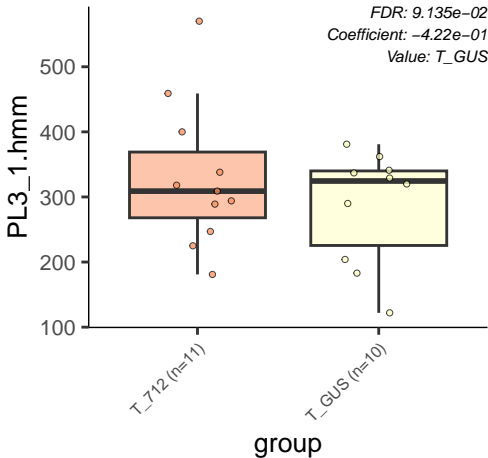
T_GUS (n=10)

group

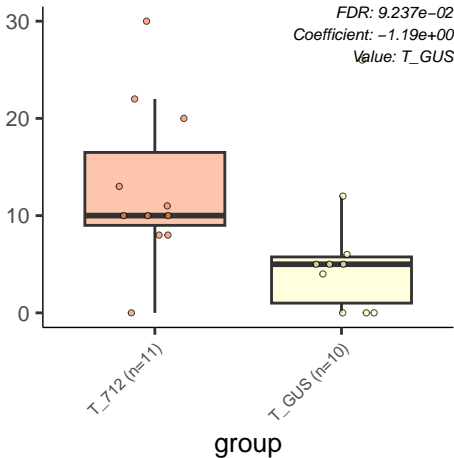
FDR: 9.036e-02
Coefficient: 3.10e-01
Value: T_GUS

1200
1000
800
600
400

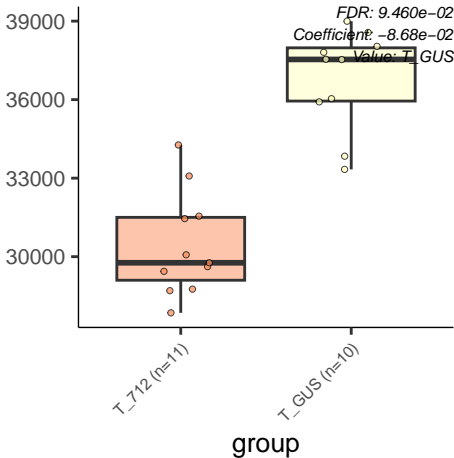


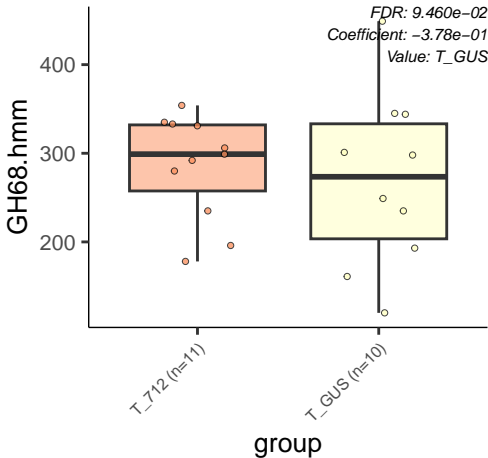


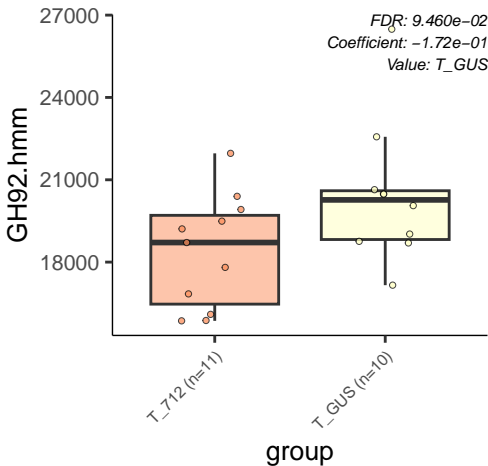
PL7_2.hmm

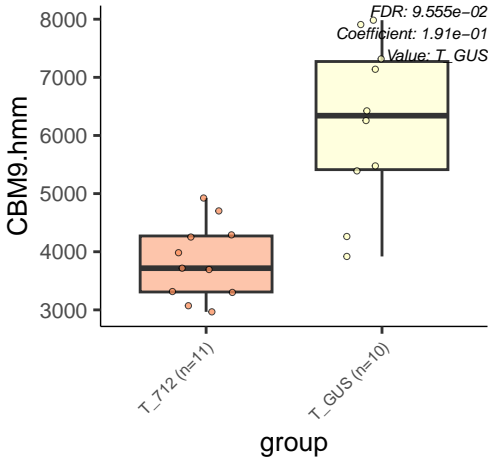


GH23.hmm









GH17.hmm

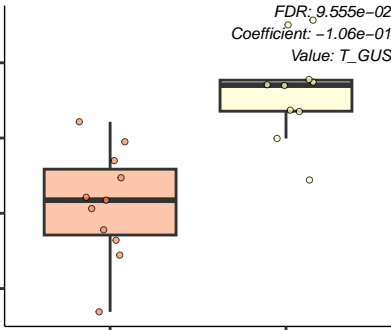
5000
4500
4000
3500

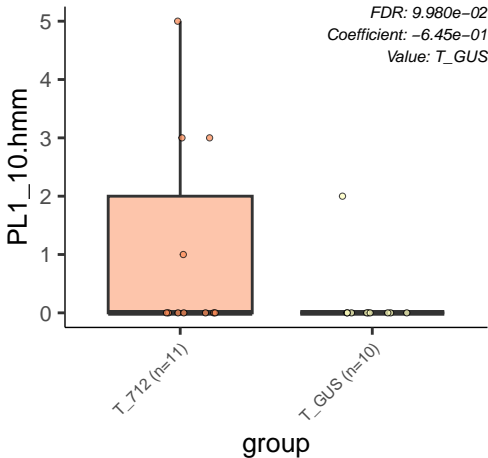
T_712 (n=11)

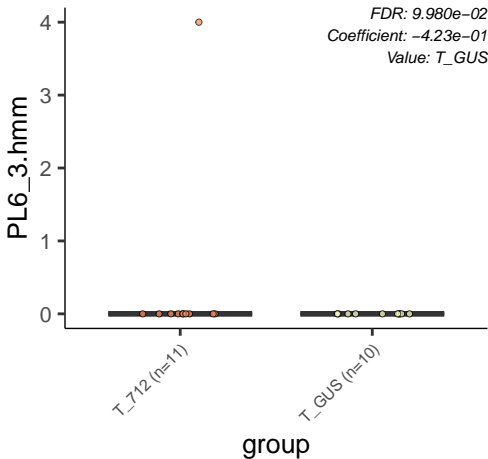
T_GUS (n=10)

group

FDR: 9.555e-02
Coefficient: -1.06e-01
Value: T_GUS







GH30_4.hmm

FDR: 9.990e-02
Coefficient: -1.97e-01
Value: T_GUS

400

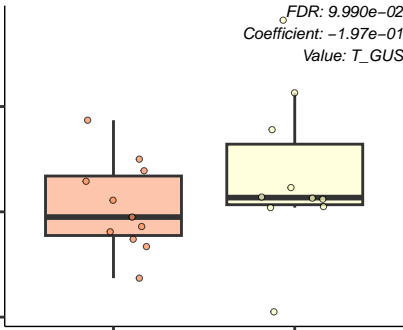
300

200

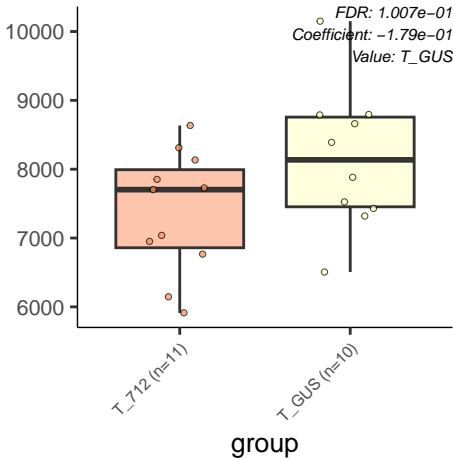
T_712 (n=11)

T_GUS (n=10)

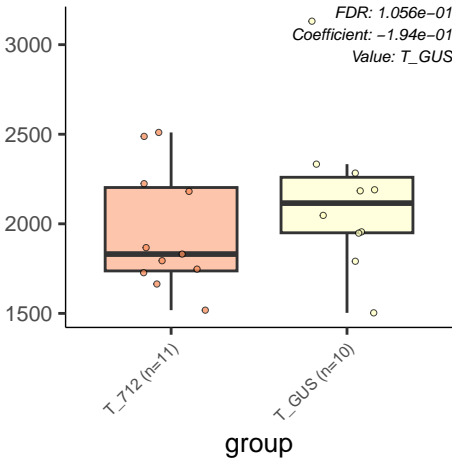
group

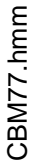


GH65.hmm



CBM5.hmm





FDR: 1.061e-01

Coefficient: $-1.28e+00$

Value: *T_GUS*



group

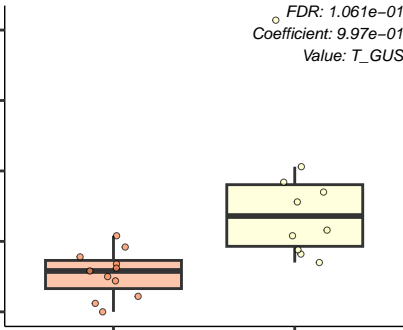
GT33.hmm

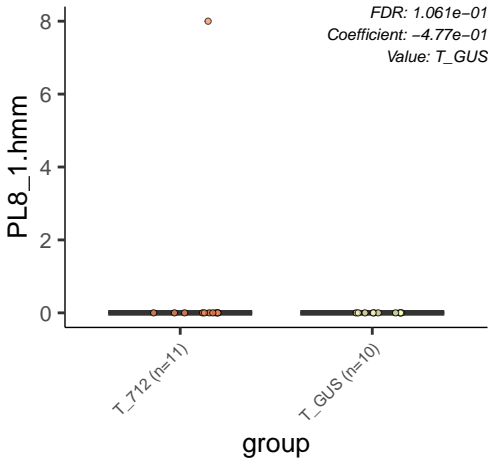
FDR: 1.061e-01
Coefficient: 9.97e-01
Value: T_GUS

T_712 (n=11)

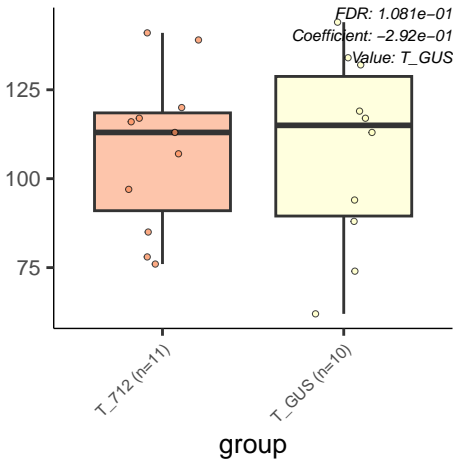
T_GUS (n=10)

group





GH30_2.hmm



GT51.hmm

40000
35000

T_712 (n=11)

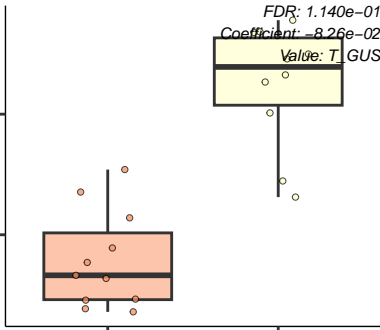
T_GUS (n=10)

group

FDR: 1.140e-01

Coefficient: -8.26e-02

Value: T_GUS



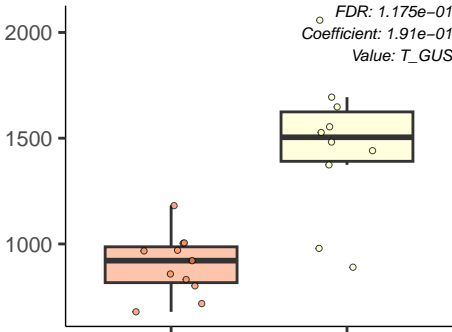
GH43_18.hmm

FDR: 1.175e-01
Coefficient: 1.91e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT94.hmm

1000

750

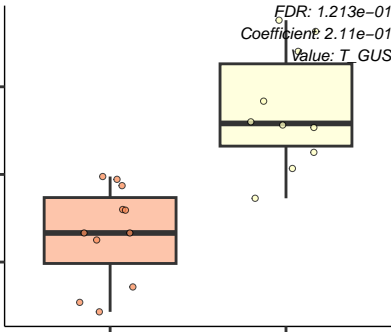
500

T_712 (n=11)

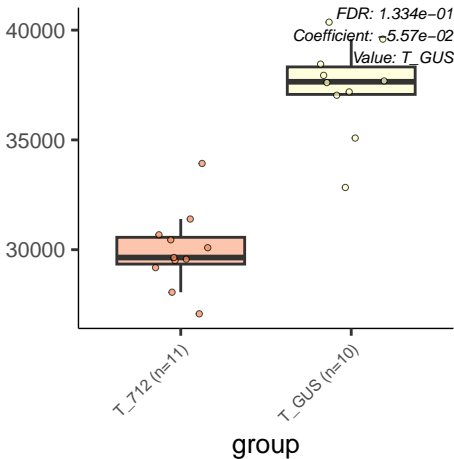
T_GUS (n=10)

group

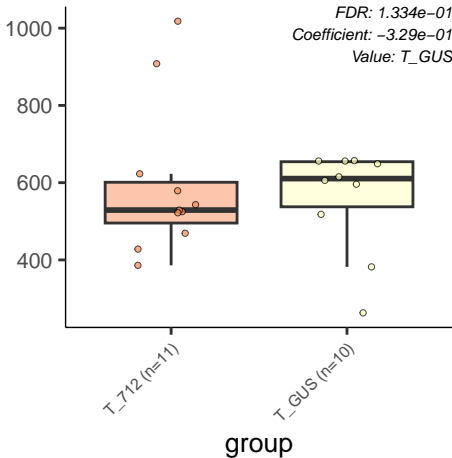
FDR: 1.213e-01
Coefficient: 2.11e-01
Value: T_GUS



CE4.hmm



GH13_19.hmm



GH13_6.hmm

FDR: 1.334e-01

Coefficient: -3.52e-01

Value: T_GUS

800

600

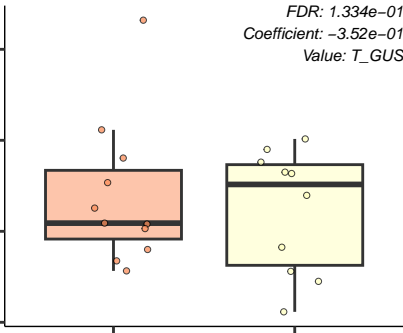
400

200

T_712 (n=11)

T_GUS (n=10)

group



GH36.hmm

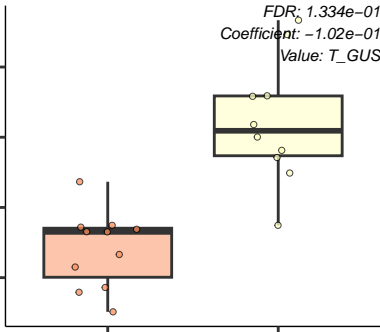
12000
11000
10000
9000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.334e-01
Coefficient: -1.02e-01
Value: T_GUS



GH43_37.hmm

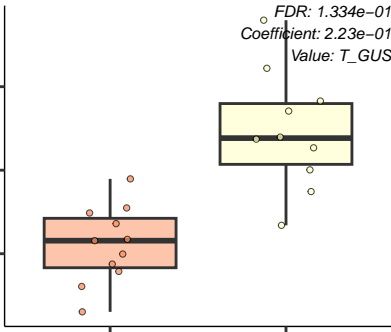
1000
750
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.334e-01
Coefficient: 2.23e-01
Value: T_GUS



PL1_2.hmm

5000

4000

3000

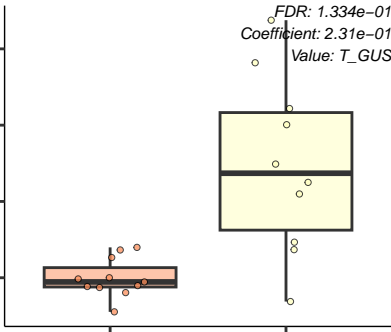
2000

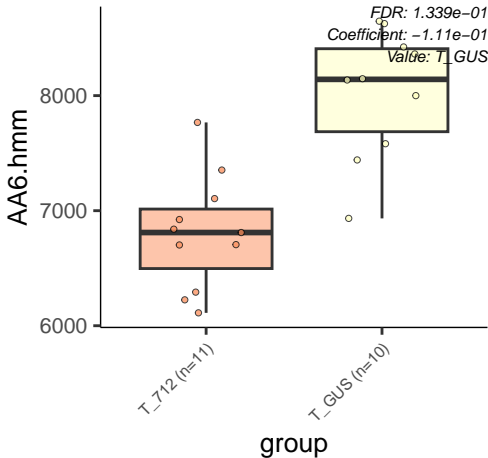
T_712 (n=11)

T_GUS (n=10)

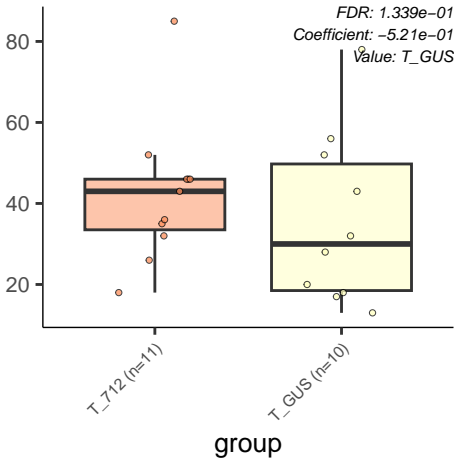
group

FDR: 1.334e-01
Coefficient: 2.31e-01
Value: T_GUS

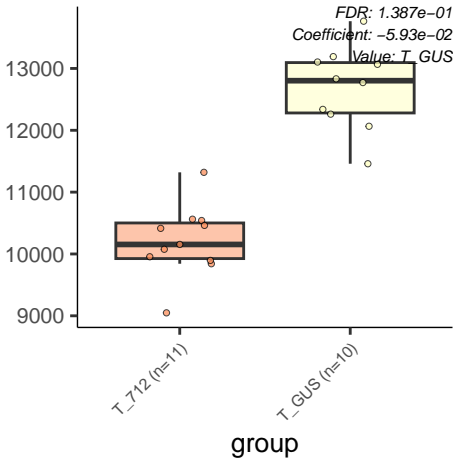




GH72.hmm



AA2.hmm



AA5_1.hmm

FDR: 1.387e-01
Coefficient: -1.08e+00
Value: T_GUS

100

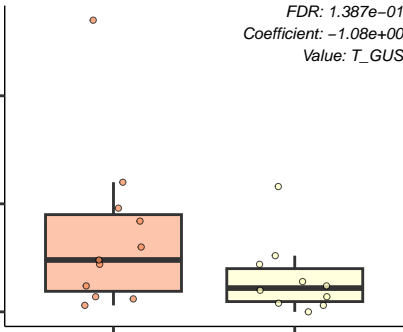
50

0

T_712 (n=11)

T_GUS (n=10)

group



CBM78.hmm

FDR: 1.387e-01

Coefficient: -4.66e-01

Value: T_GUS

6

4

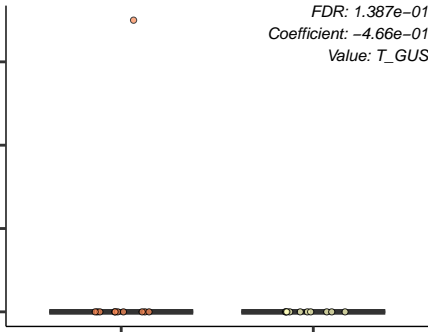
2

0

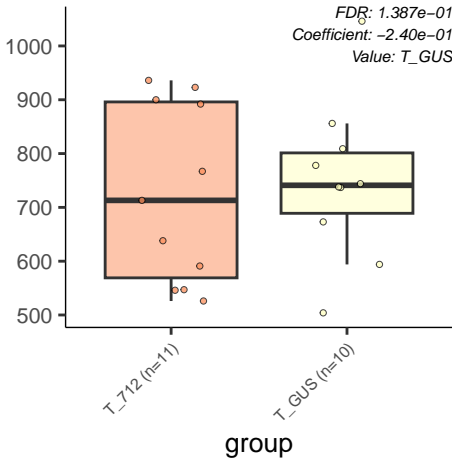
T_712 (n=11)

T_GUS (n=10)

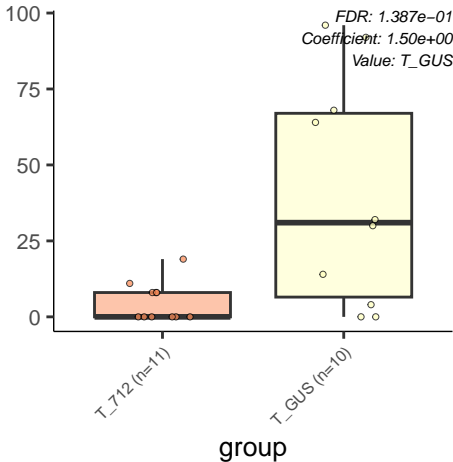
group



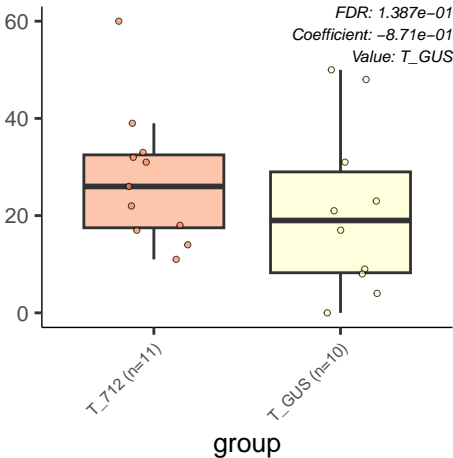
GH104.hmm



GH112.hmm



GH13_14.hmm



GH14.hmm

FDR: 1.387e-01

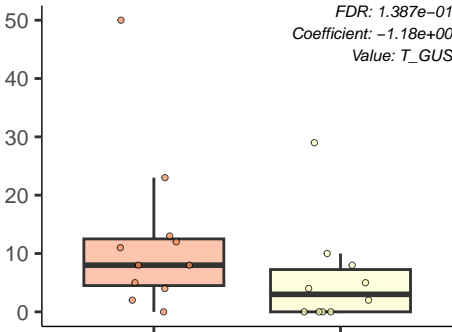
Coefficient: -1.18e+00

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



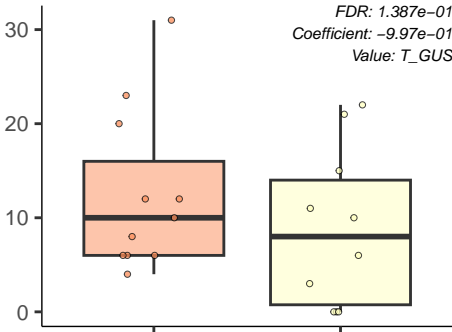
GH5_34.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.387e-01
Coefficient: -9.97e-01
Value: T_GUS



GT29.hmm

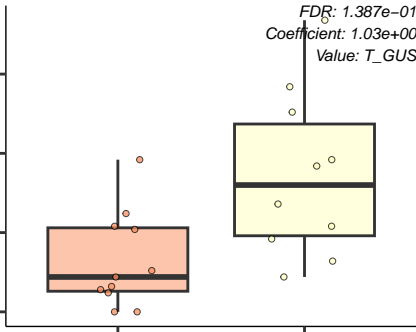
75
50
25
0

T_712 (n=11)

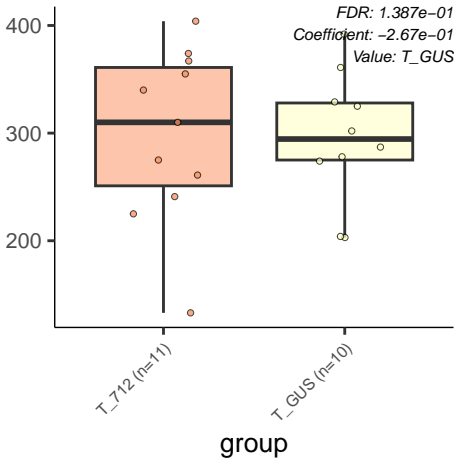
T_GUS (n=10)

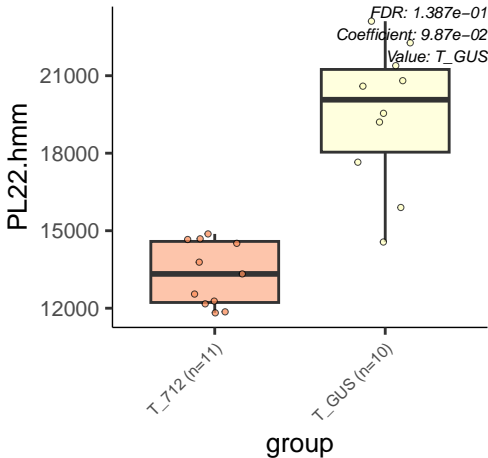
group

FDR: 1.387e-01
Coefficient: 1.03e+00
Value: T_GUS

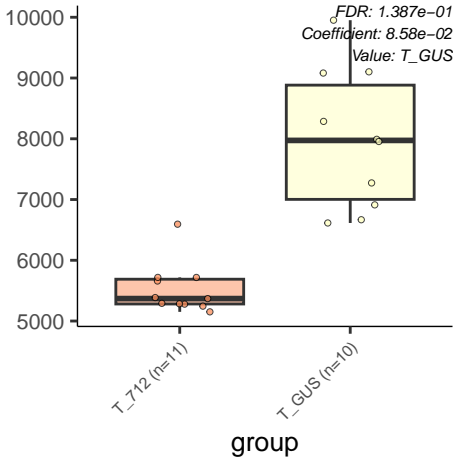


GT40.hmm

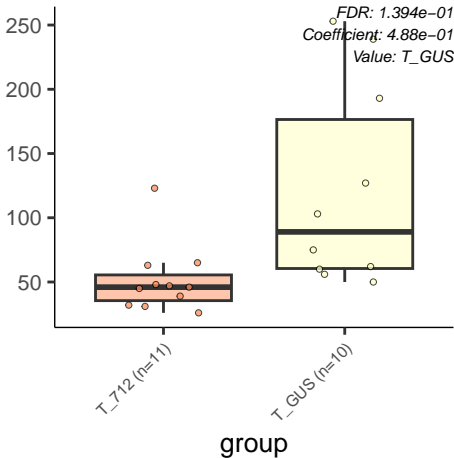




PL9.hmm



PL17_1.hmm



GH49.hmm

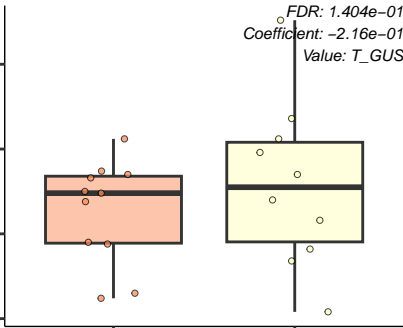
300
250
200
150

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.404e-01
Coefficient: -2.16e-01
Value: T_GUS



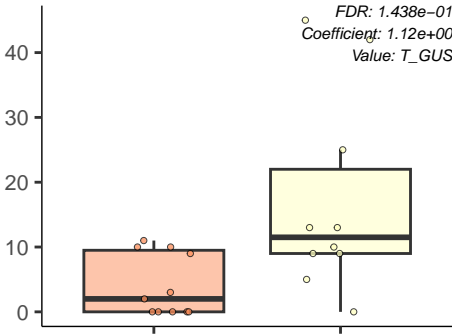
GH5_17.hmm

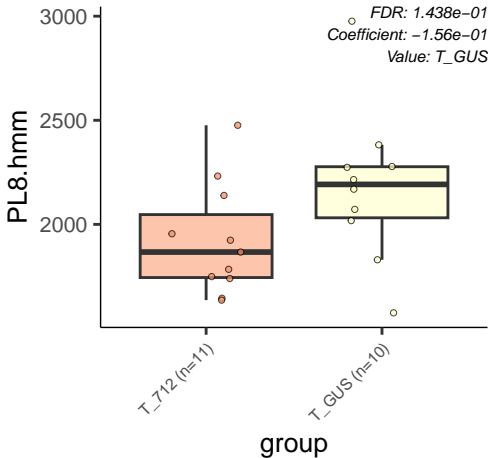
FDR: 1.438e-01
Coefficient: 1.12e+00
Value: T_GUS

T_712 (n=11)

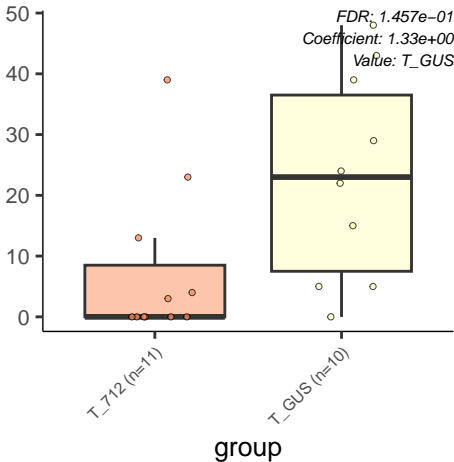
T_GUS (n=10)

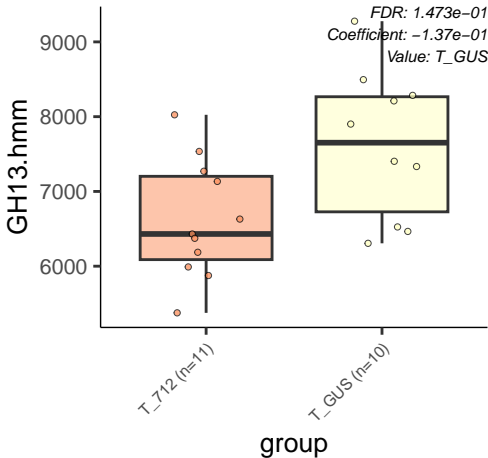
group





CBM76.hmm





GH3.hmm

50000

45000

40000

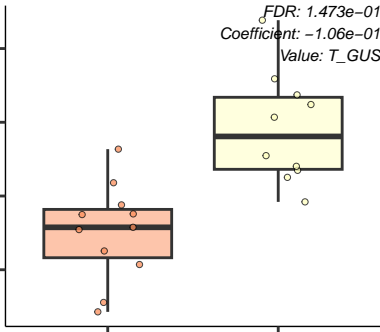
35000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.473e-01
Coefficient: -1.06e-01
Value: T_GUS



CBM39.hmm

FDR: 1.486e-01

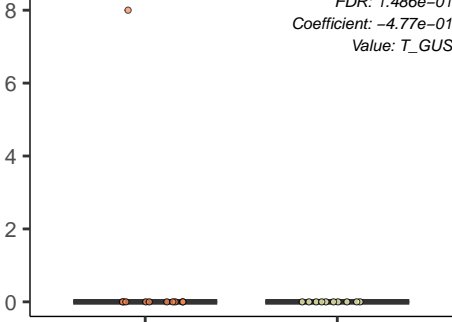
Coefficient: -4.77e-01

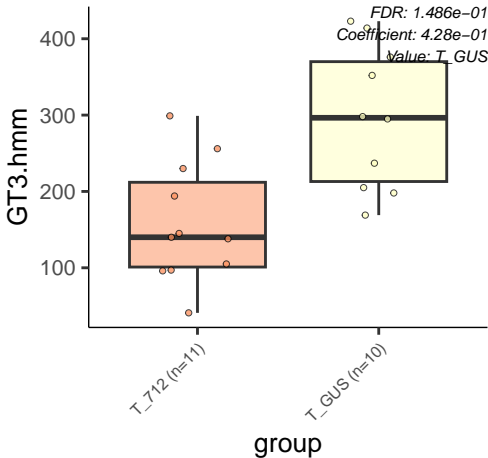
Value: T_GUS

T_712 (n=11)

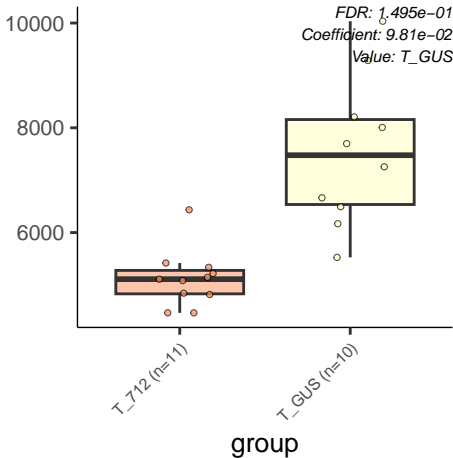
T_GUS (n=10)

group

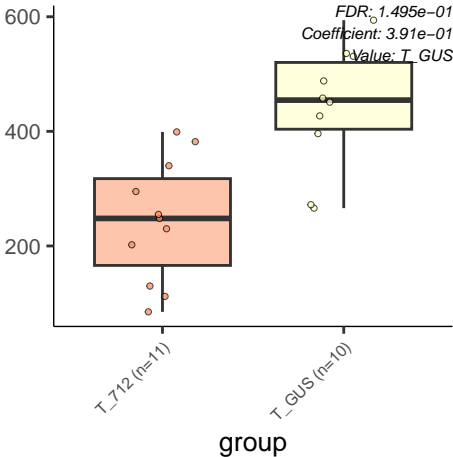


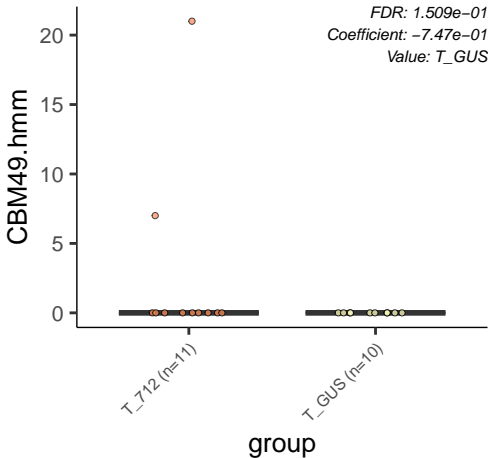


GH9.hmm



dockerin.hmm





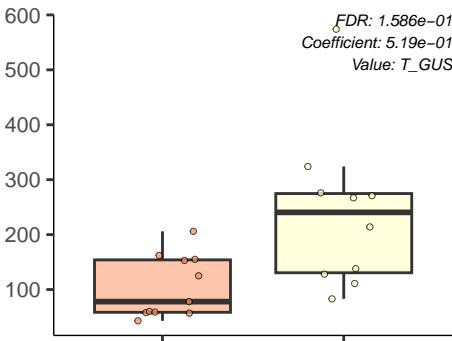
GH43_7.hmm

FDR: 1.586e-01
Coefficient: 5.19e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT75.hmm

FDR: 1.586e-01

Coefficient: -1.96e-01

Value: T_GUS

250

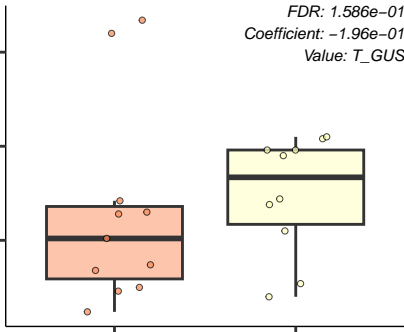
200

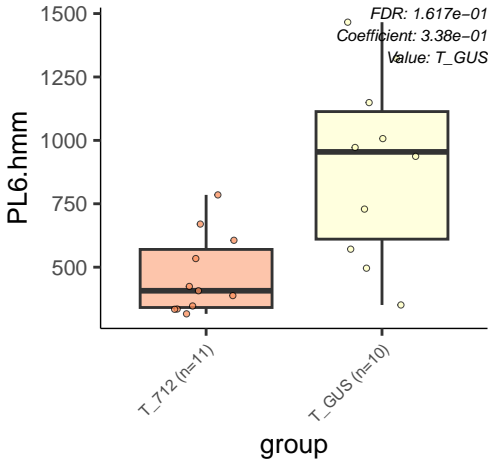
150

T_712 (n=11)

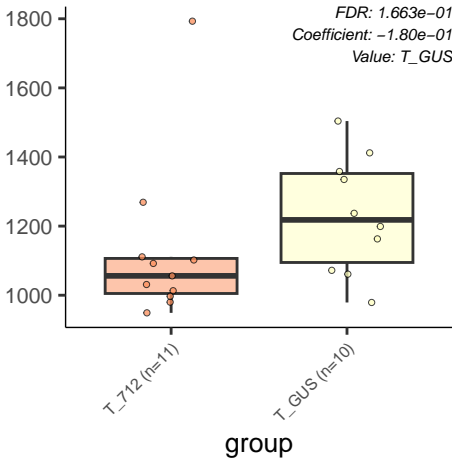
T_GUS (n=10)

group





GH43_3.hmm



PL1_7.hmm

100

50

T_712 (n=11)

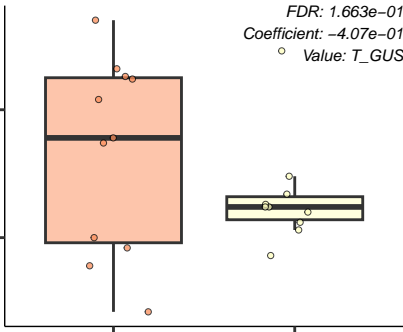
T_GUS (n=10)

group

FDR: 1.663e-01

Coefficient: -4.07e-01

○ Value: T_GUS



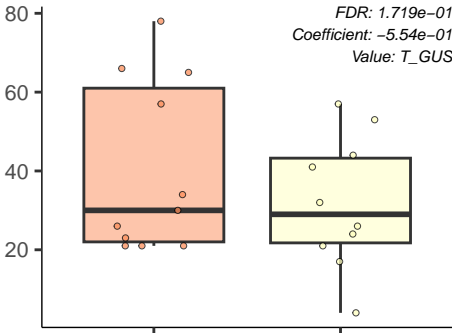
GH13_22.hmm

FDR: 1.719e-01
Coefficient: -5.54e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH13_23.hmm

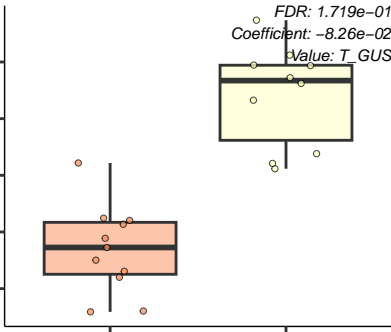
T_712 (n=11)

T_GUS (n=10)

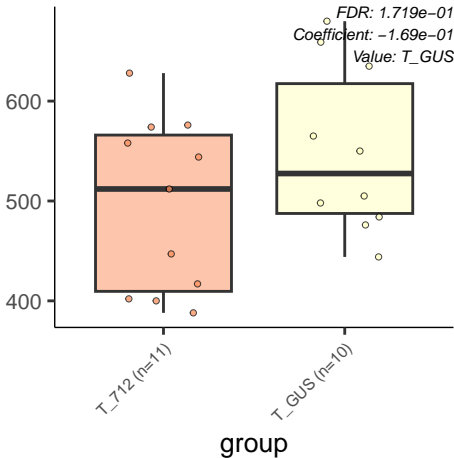
group

FDR: 1.719e-01
Coefficient: -8.26e-02
Value: T_GUS

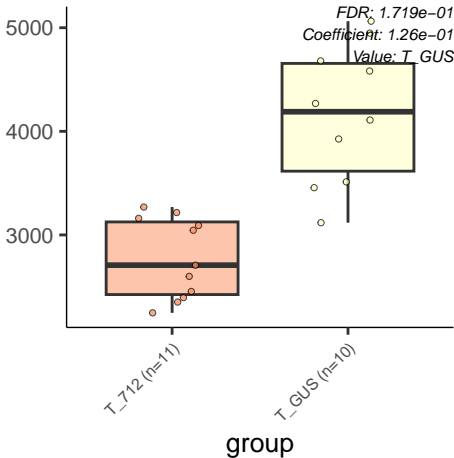
8000
7500
7000
6500
6000



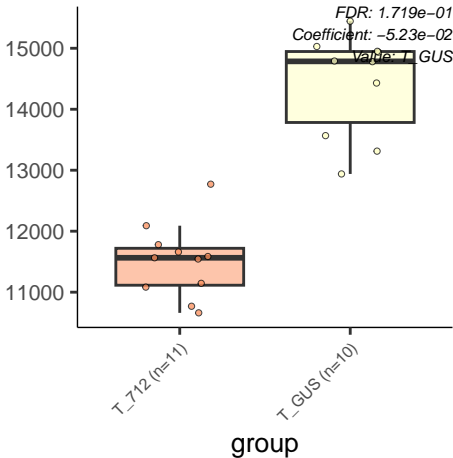
GH30_5.hmm



GH53.hmm



GT20.hmm



GH51.hmm

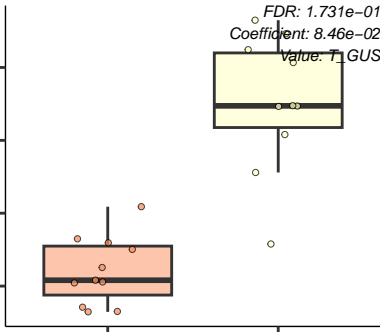
16000
14000
12000
10000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.731e-01
Coefficient: 8.46e-02
Value: T_GUS



AA3.hmm

70000
65000
60000
55000

T_712 (n=11)

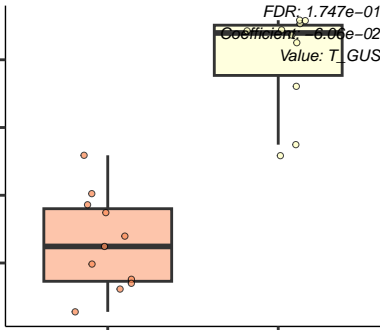
T_GUS (n=10)

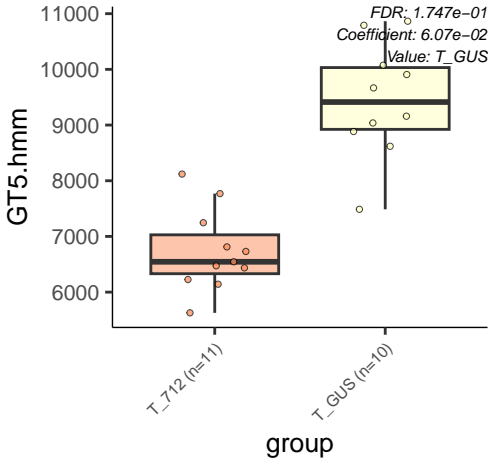
group

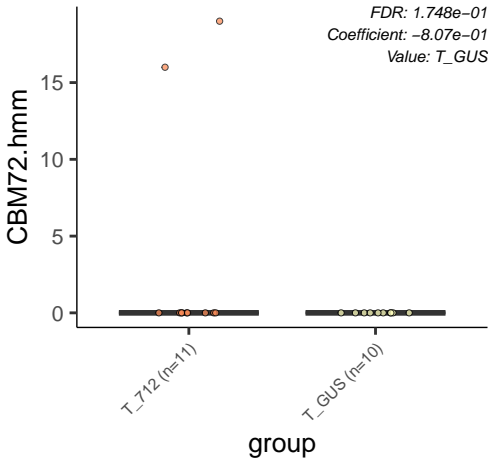
FDR: 1.747e-01

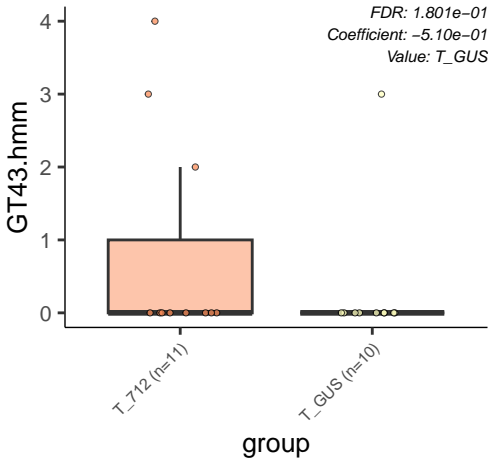
Coefficient: 6.06e-02

Value: T_GUS









PL7.hmm

100

80

60

40

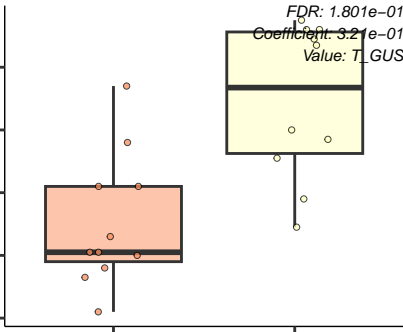
20

T_712 (n=11)

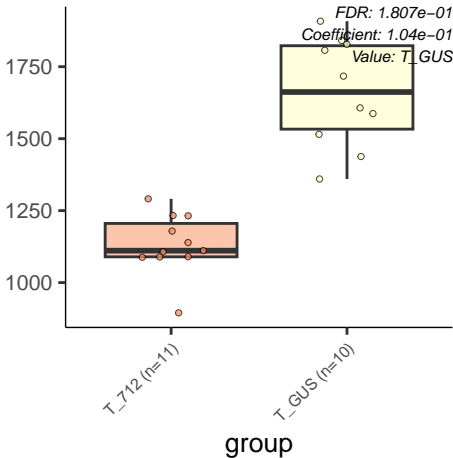
T_GUS (n=10)

group

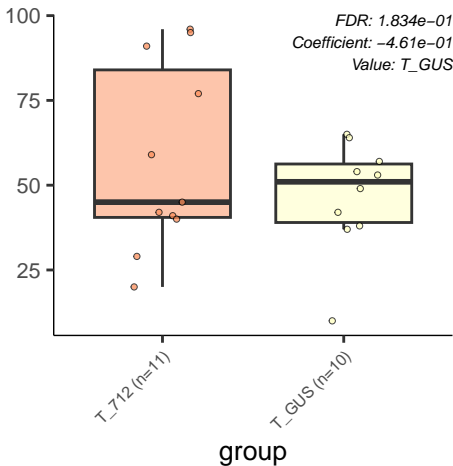
FDR: 1.801e-01
Coefficient: 3.21e-01
Value: T_GUS



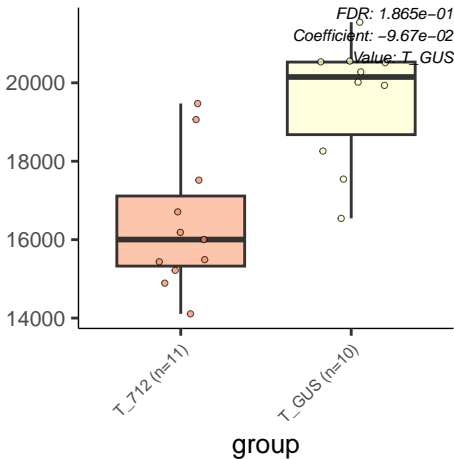
GH114.hmm



GT56.hmm



GH31.hmm



GH13_1.hmm

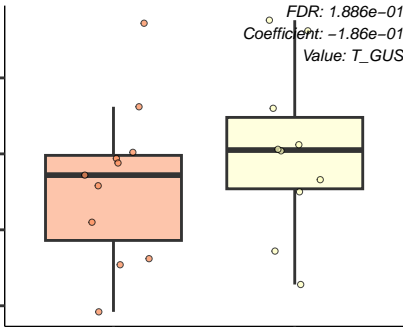
300
250
200
150

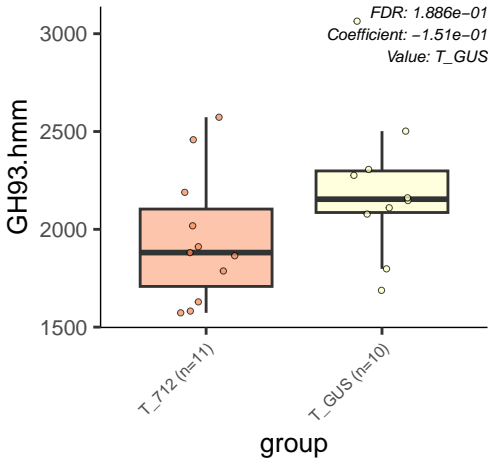
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.886e-01
Coefficient: -1.86e-01
Value: T_GUS





GT2_Cellulose_synt.hmm

FDR: 1.886e-01

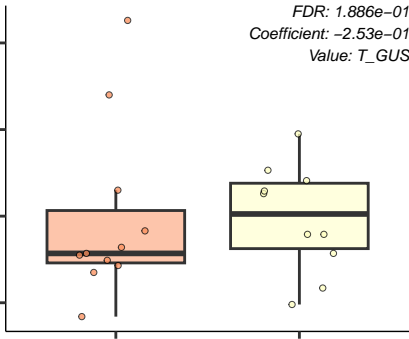
Coefficient: -2.53e-01

Value: T_GUS

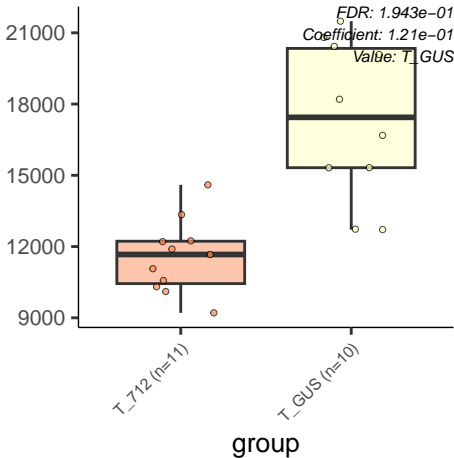
T_712 (n=11)

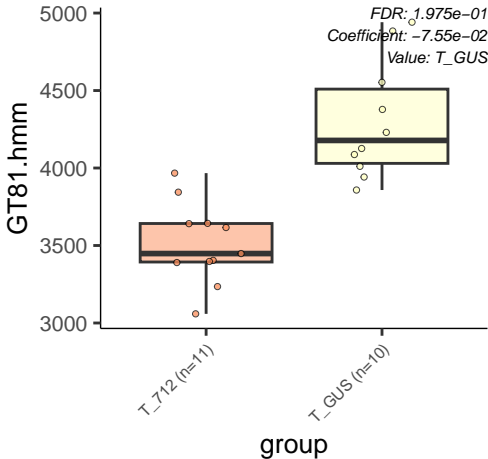
T_GUS (n=10)

group



GH28.hmm





GT41.hmm

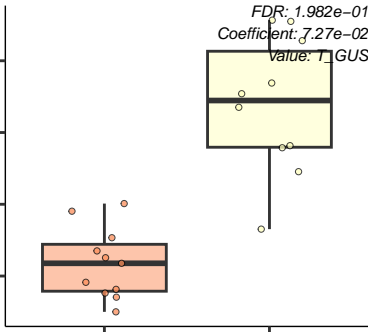
200000
175000
150000
125000

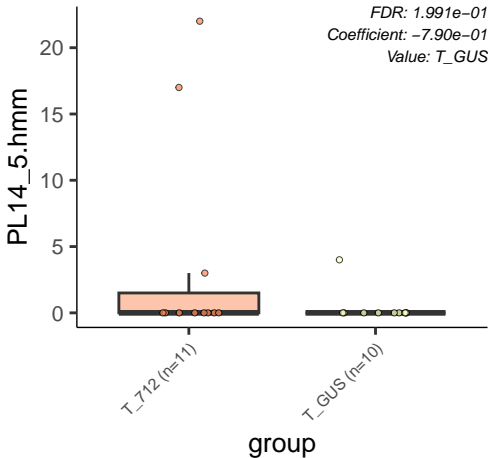
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.982e-01
Coefficient: 7.27e-02
value: T_GUS





GH123.hmm

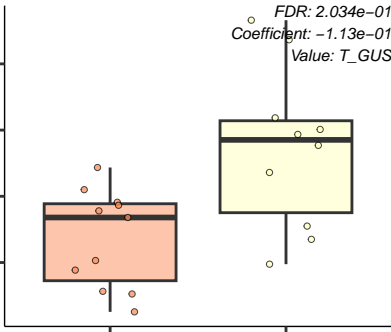
2000
1800
1600
1400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.034e-01
Coefficient: -1.13e-01
Value: T_GUS



GH13_40.hmm

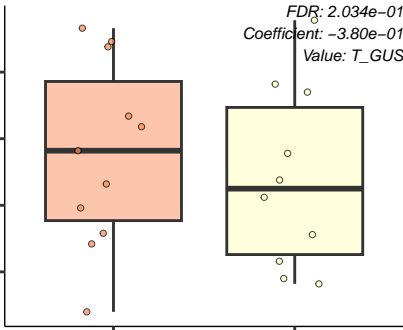
250
200
150
100

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.034e-01
Coefficient: -3.80e-01
Value: T_GUS



GH43_16.hmm

FDR: 2.034e-01

Coefficient: -5.40e-01

Value: T_GUS

15

10

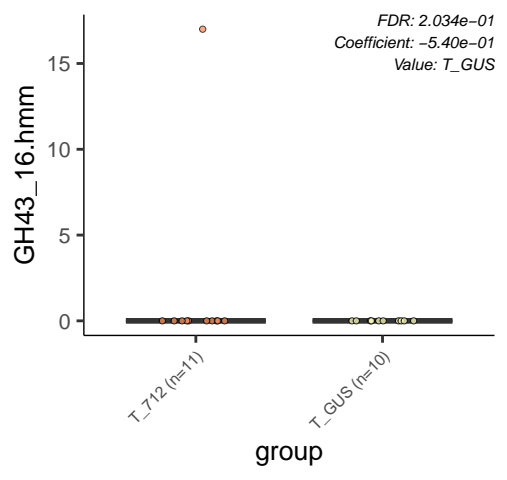
5

0

T_712 (n=11)

T_GUS (n=10)

group



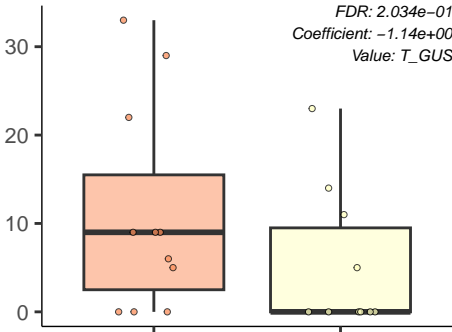
GH58.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.034e-01
Coefficient: -1.14e+00
Value: T_GUS



GT78.hmm

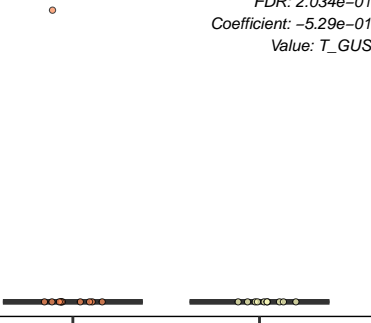
15
10
5
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.034e-01
Coefficient: -5.29e-01
Value: T_GUS



GH86.hmm

FDR: 2.035e-01

Coefficient: -7.99e-01

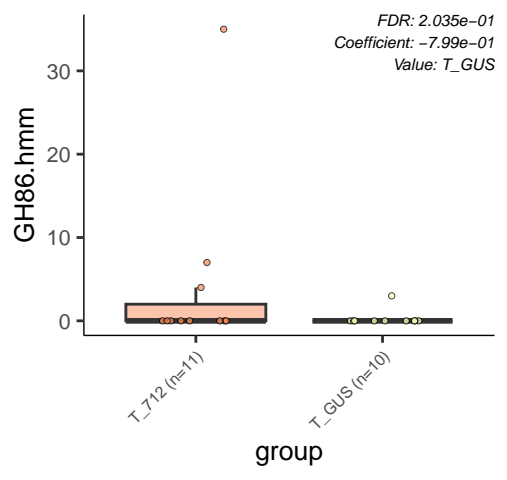
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

30
20
10
0



GH5_11.hmm

FDR: 2.040e-01

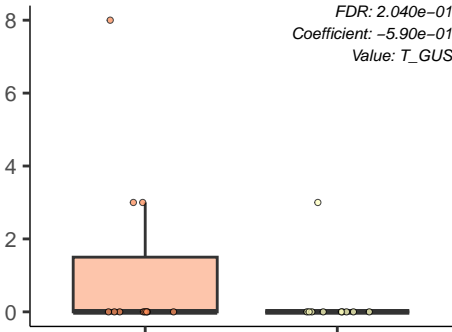
Coefficient: -5.90e-01

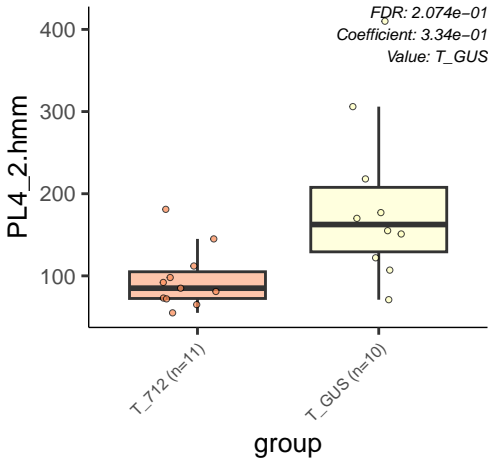
Value: T_GUS

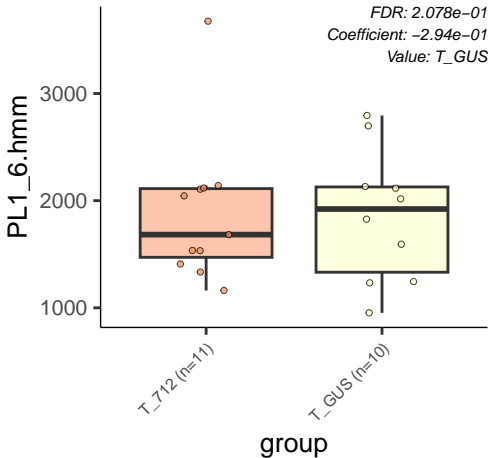
T_712 (n=11)

T_GUS (n=10)

group







GH131.hmm

FDR: 2.102e-01

Coefficient: -1.10e+00

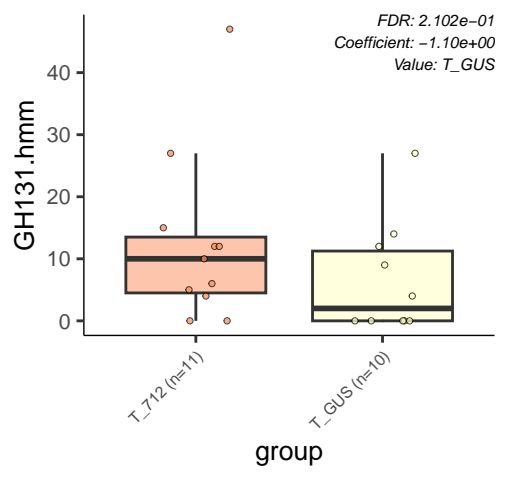
Value: T_GUS

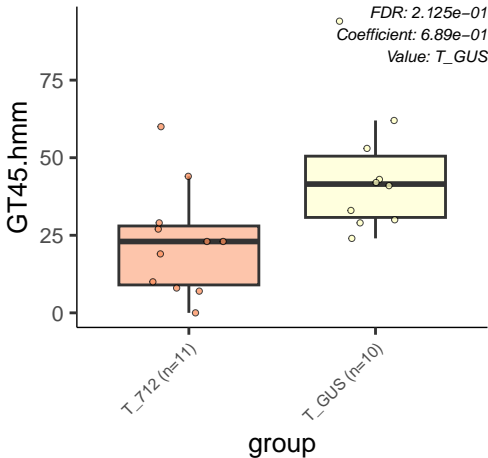
T_712 (n=11)

T_GUS (n=10)

group

40
30
20
10
0





AA13.hmm

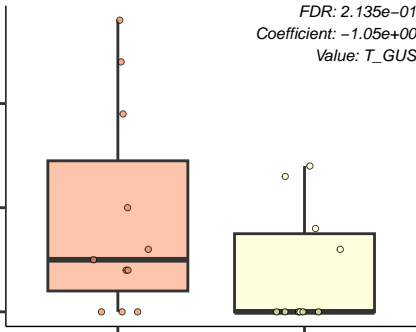
FDR: 2.135e-01
Coefficient: -1.05e+00
Value: T_GUS

T_712 (n=11)

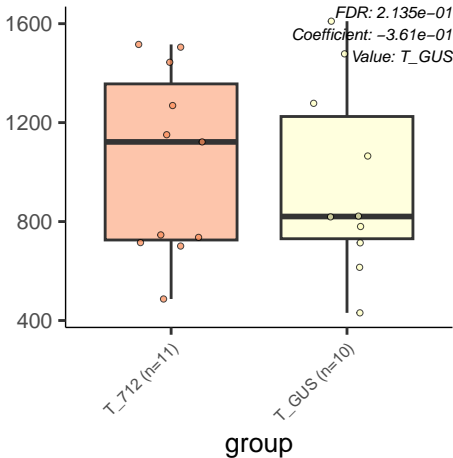
T_GUS (n=10)

group

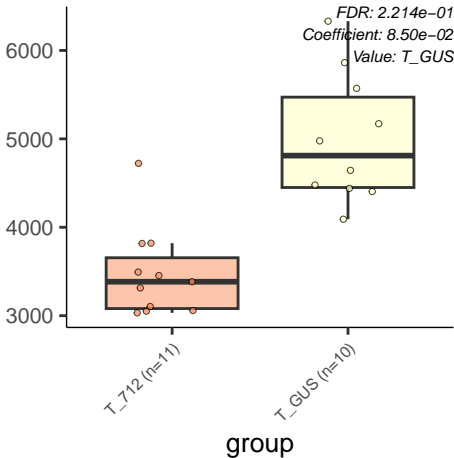
20
10
0



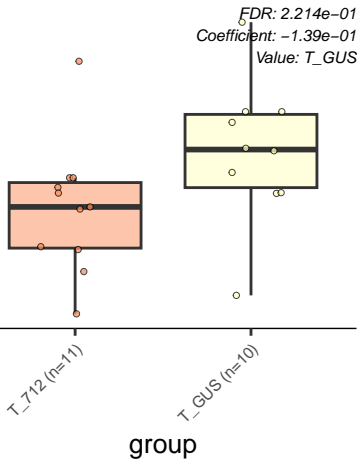
CBM62.hmm

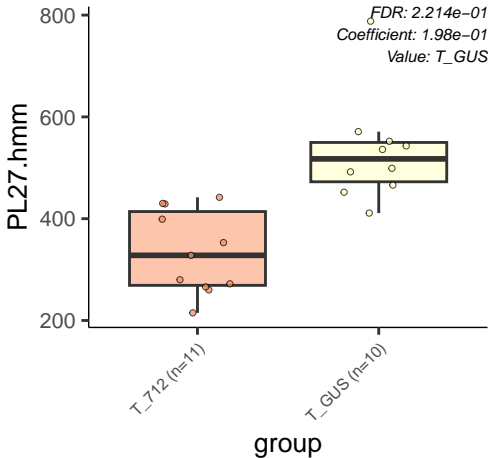


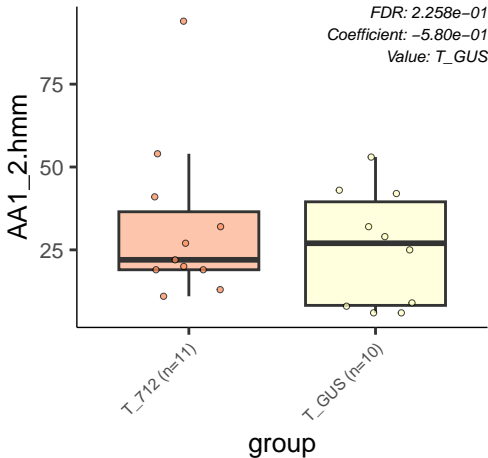
CBM35.hmm



GH120.hmm







CBM6.hmm

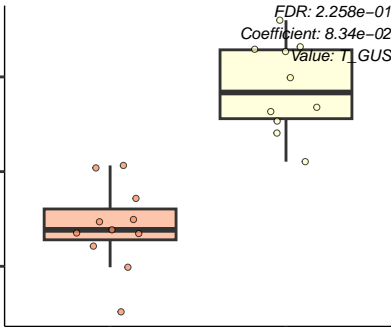
T_712 (n=11)

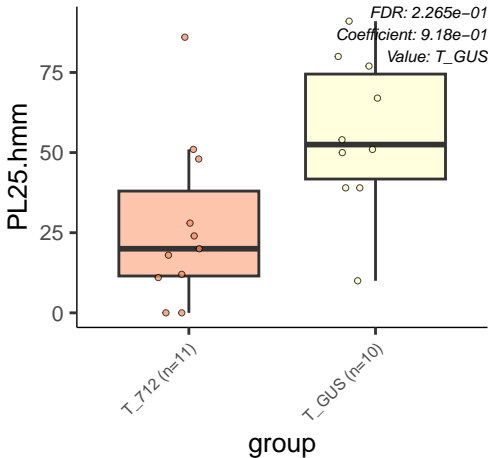
T_GUS (n=10)

group

FDR: 2.258e-01
Coefficient: 8.34e-02
Value: T_GUS

5000
4000
3000





CBM57.hmm

3000

2500

2000

1500

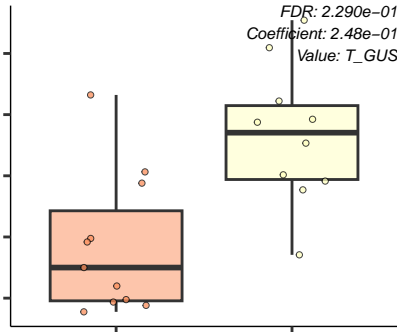
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.290e-01
Coefficient: 2.48e-01
Value: T_GUS



GH12.hmm

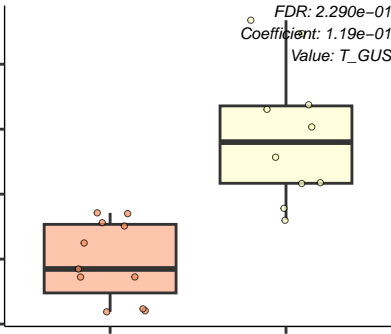
3500
3000
2500
2000
1500

T_712 (n=11)

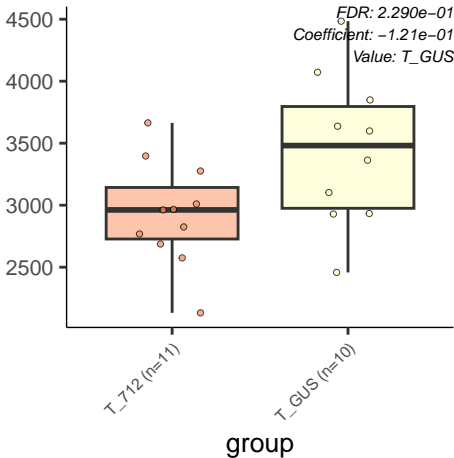
T_GUS (n=10)

group

FDR: 2.290e-01
Coefficient: 1.19e-01
Value: T_GUS



GH73.hmm



GH5_46.hmm

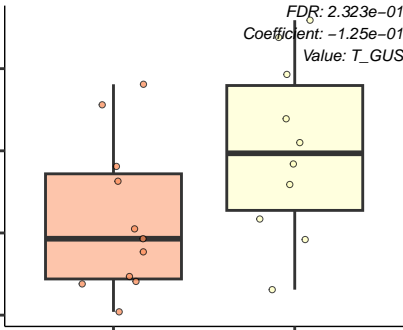
700
600
500
400

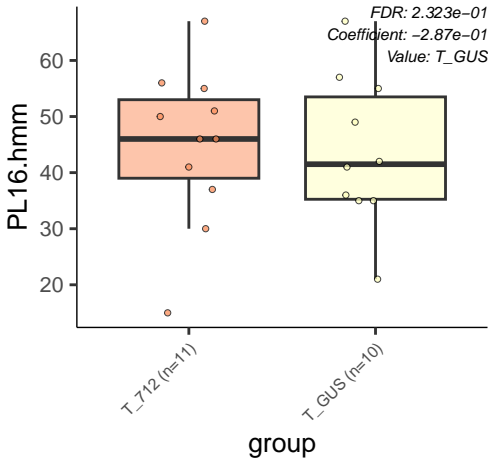
T_712 (n=11)

T_GUS (n=10)

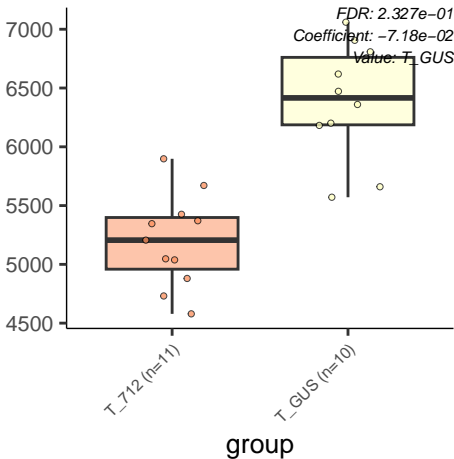
group

FDR: 2.323e-01
Coefficient: -1.25e-01
Value: T_GUS





GT30.hmm



GH5_27.hmm

FDR: 2.349e-01

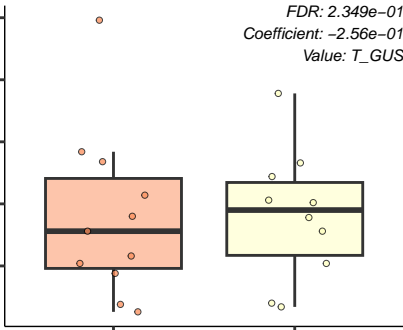
Coefficient: -2.56e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH43.hmm

FDR: 2.376e-01

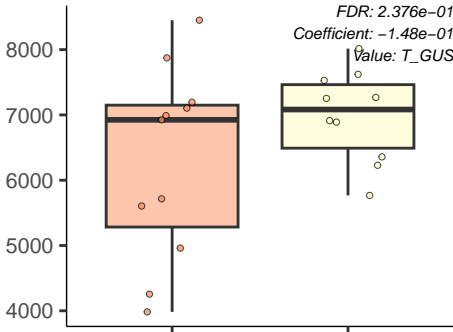
Coefficient: -1.48e-01

Value: T_GUS

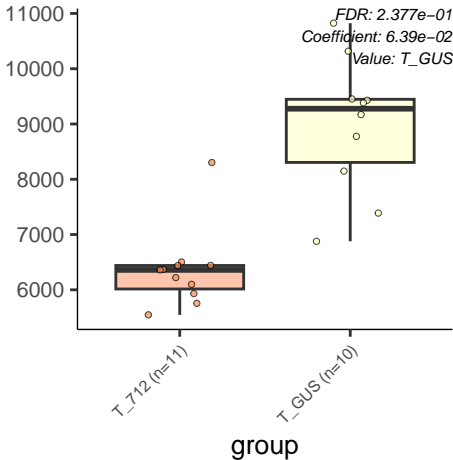
T_712 (n=11)

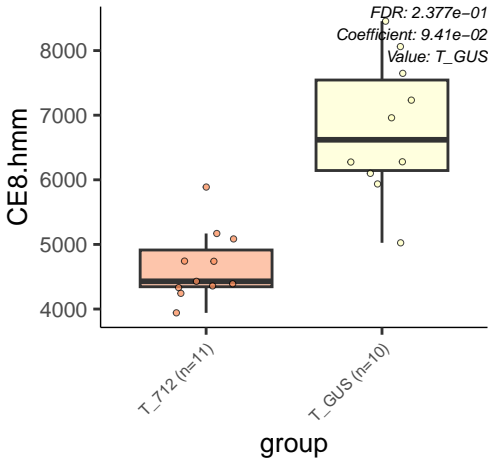
T_GUS (n=10)

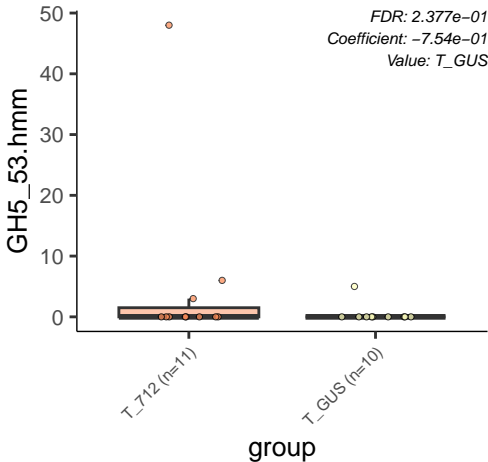
group



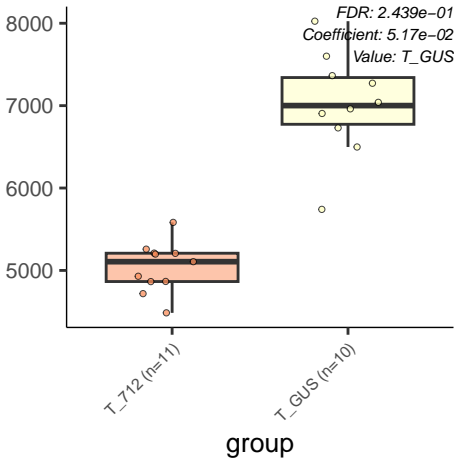
CBM66.hmm

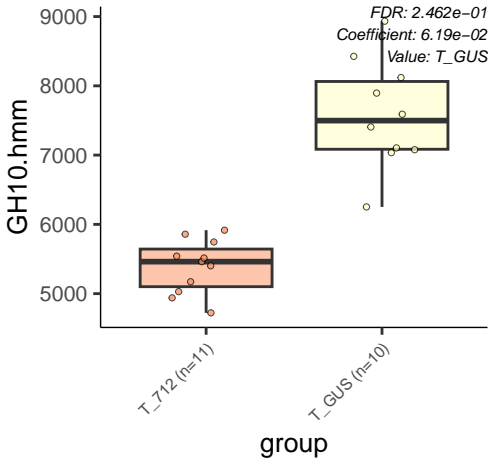






GH141.hmm





PL6_1.hmm

