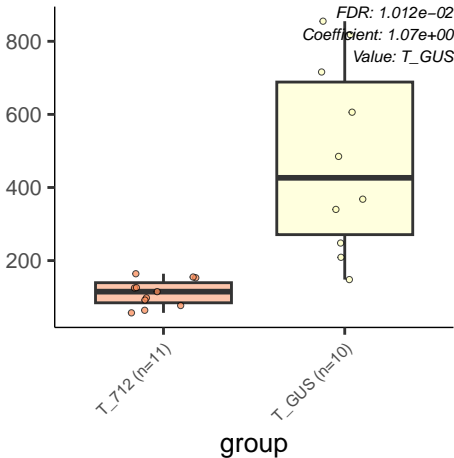
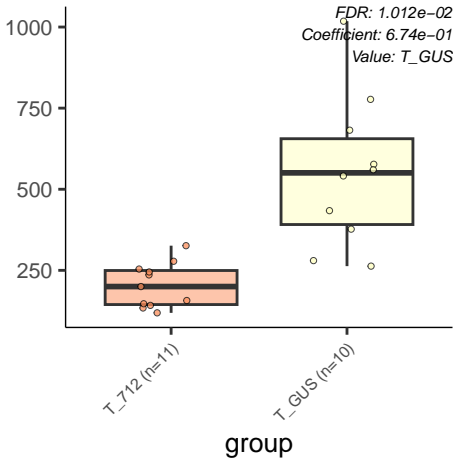


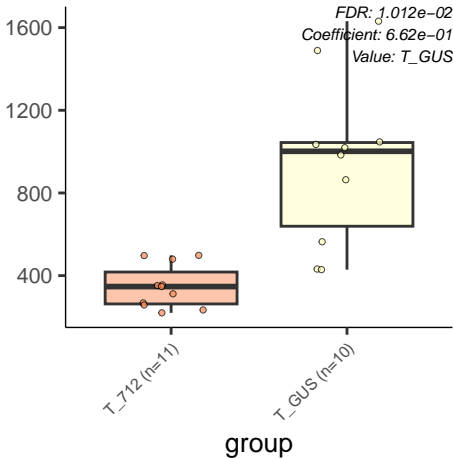
CBM11.hmm



CBM47.hmm



GH100.hmm



GH107.hmm

150

100

50

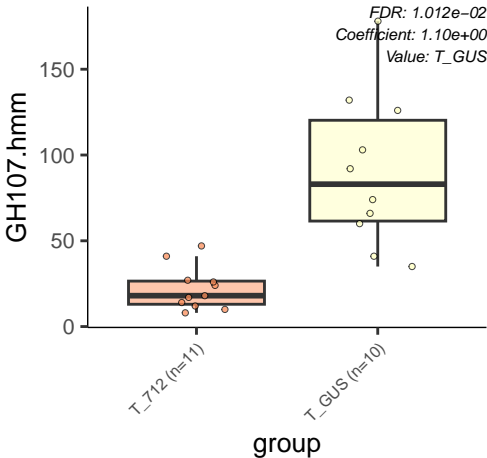
0

T_712 (n=11)

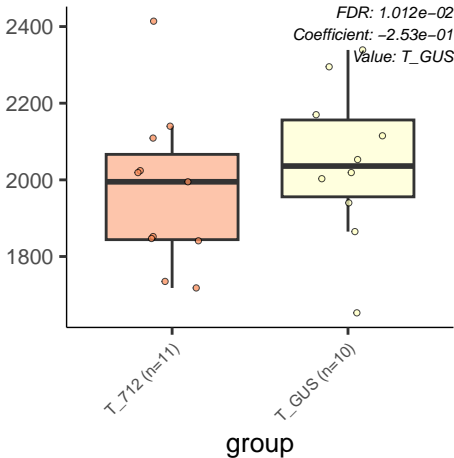
T_GUS (n=10)

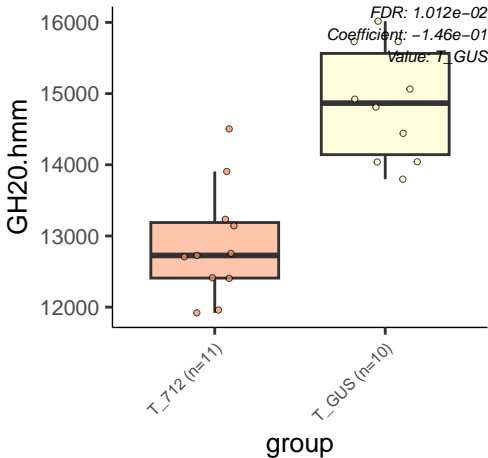
group

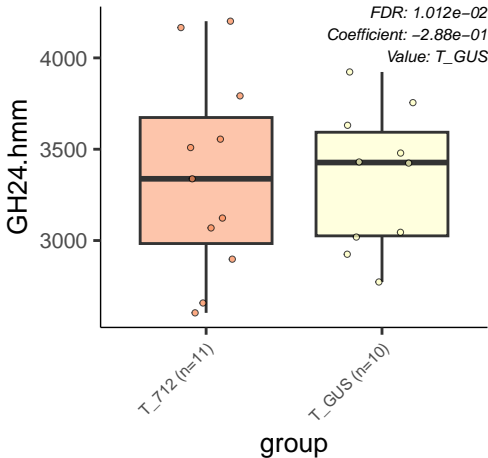
FDR: 1.012e-02
Coefficient: 1.10e+00
Value: T_GUS



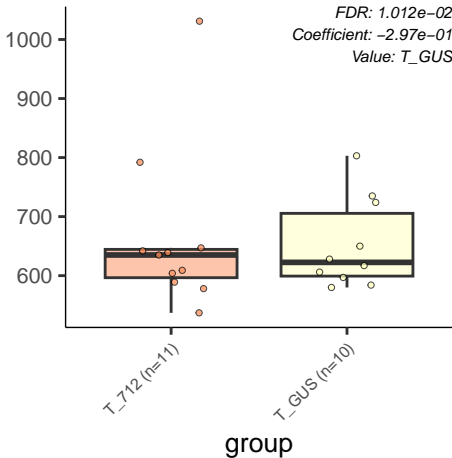
GH125.hmm



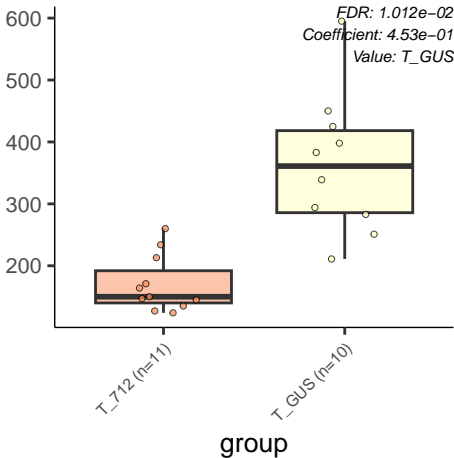


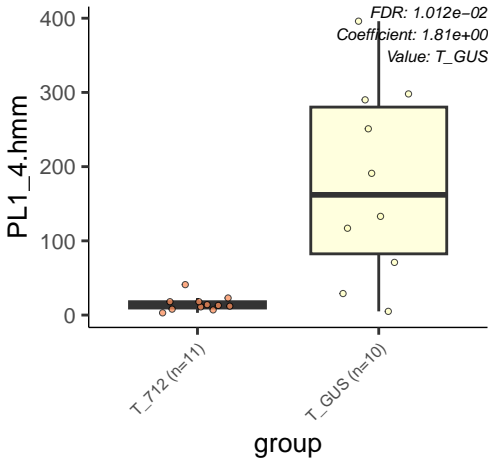


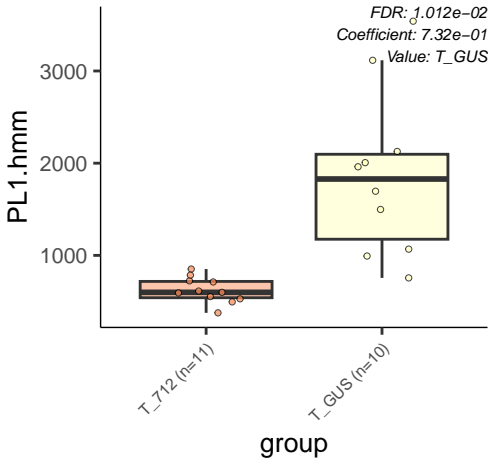
GH47.hmm



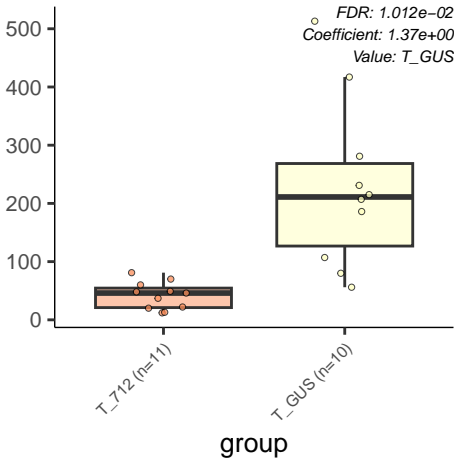
GH5_36.hmm

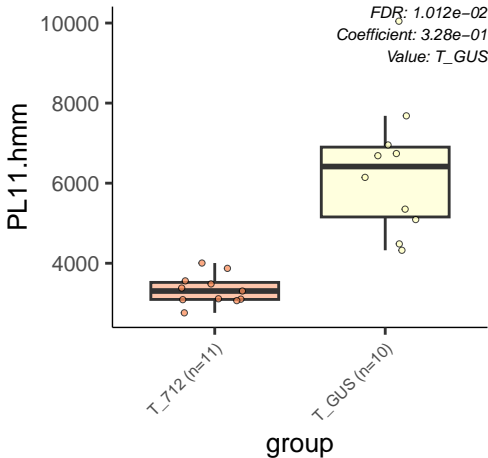


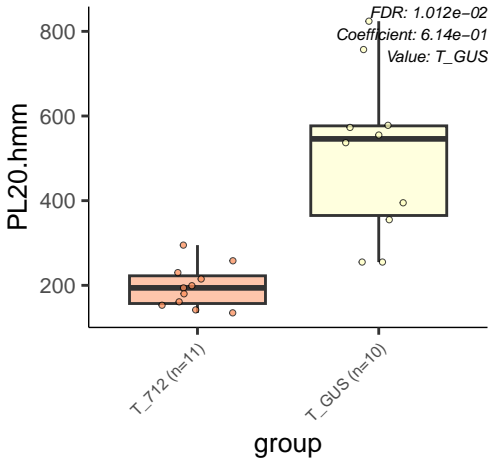


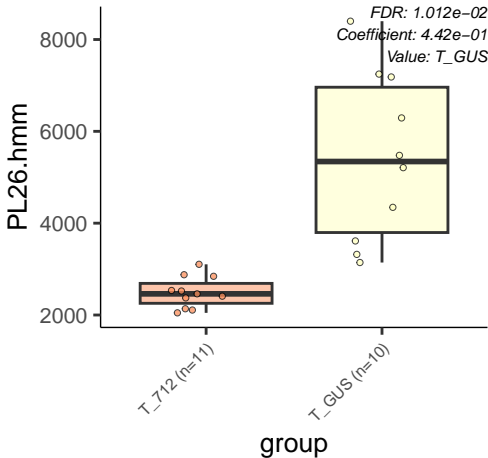


PL10_2.hmm

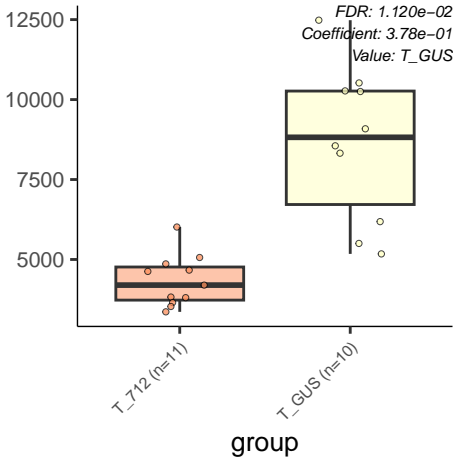




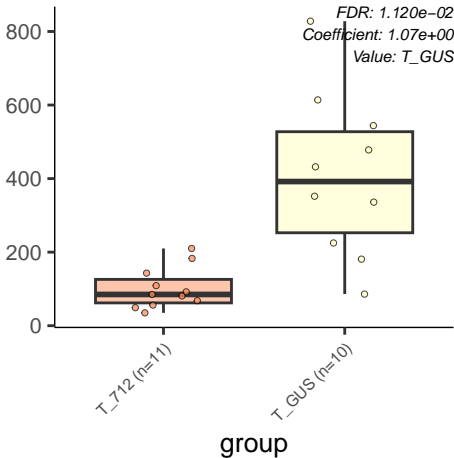


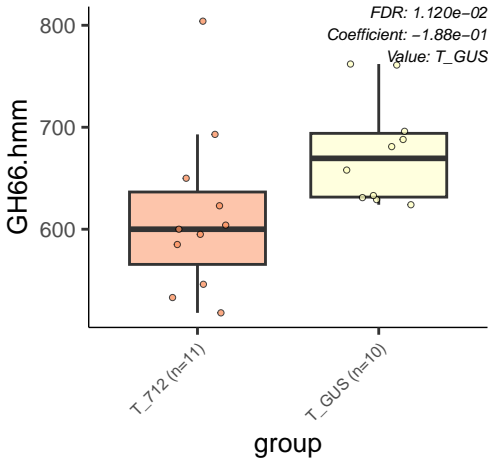


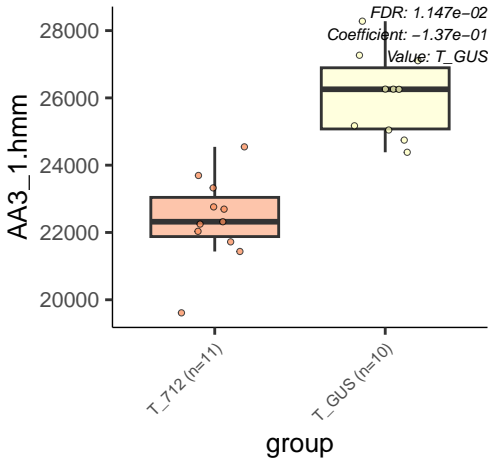
CE15.hmm



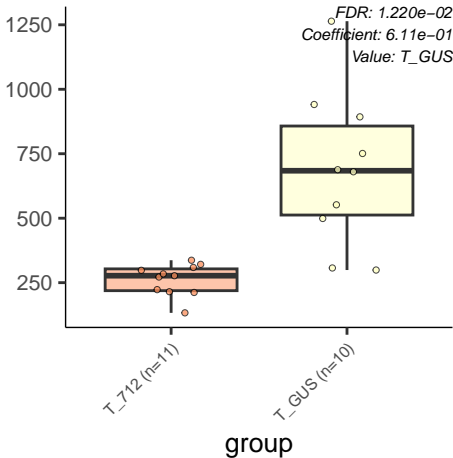
GH52.hmm







GH43_17.hmm



CBM61.hmm

1000

750

500

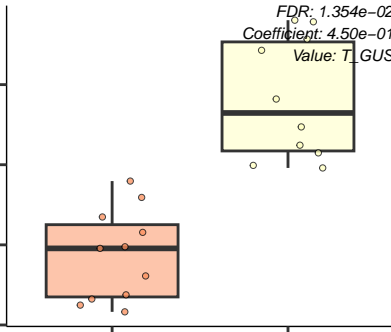
250

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.354e-02
Coefficient: 4.50e-01
Value: T_GUS



GH13_2.hmm

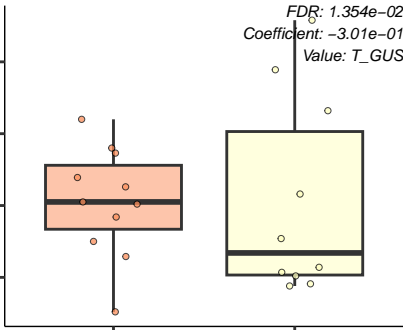
900
800
700
600

T_712 (n=11)

T_GUS (n=10)

group

FDR: $1.354e-02$
Coefficient: $-3.01e-01$
Value: T_GUS



GH5_13.hmm

FDR: 1.354e-02

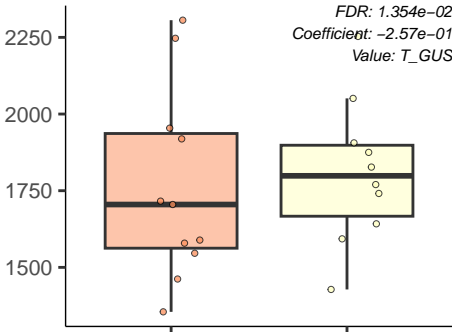
Coefficient: -2.57e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



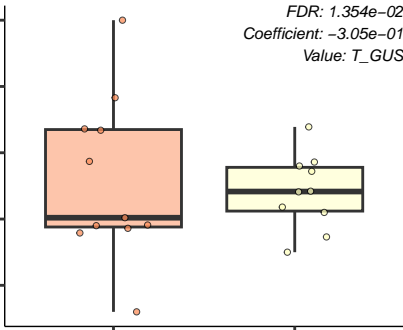
GT14.hmm

FDR: 1.354e-02
Coefficient: -3.05e-01
Value: T_GUS

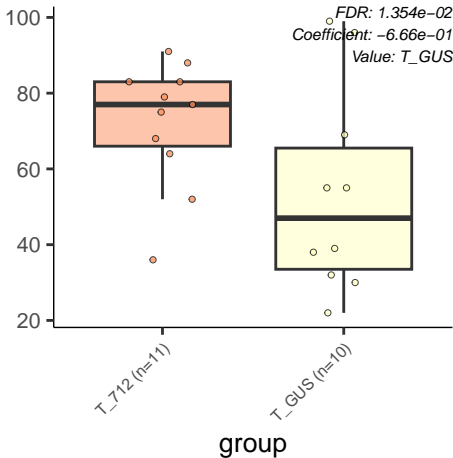
T_712 (n=11)

T_GUS (n=10)

group



GT77.hmm



PL11_2.hmm

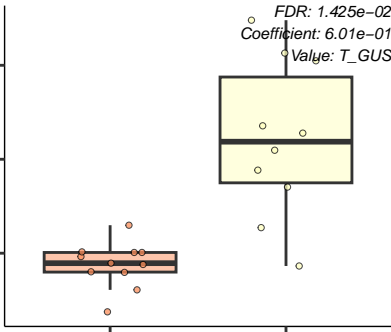
1500
1000
500

T_712 (n=11)

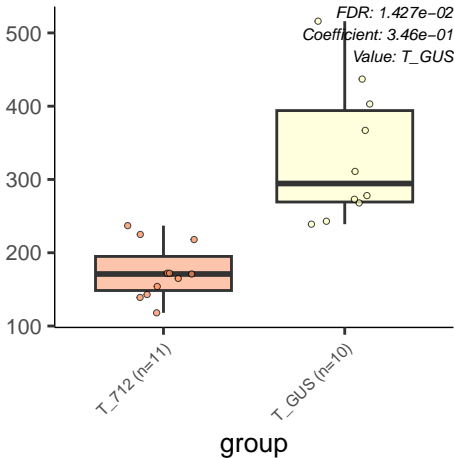
T_GUS (n=10)

group

FDR: 1.425e-02
Coefficient: 6.01e-01
Value: T_GUS



CBM63.hmm



GH13_36.hmm

FDR: 1.427e-02

Coefficient: -2.55e-01

Value: T_GUS

2000

1750

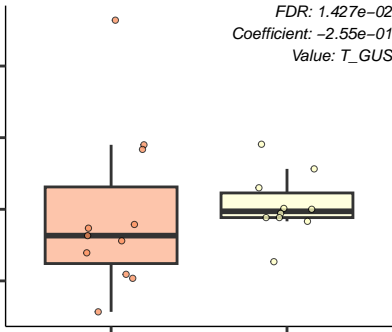
1500

1250

T_712 (n=11)

T_GUS (n=10)

group



GH43_31.hmm

FDR: 1.427e-02

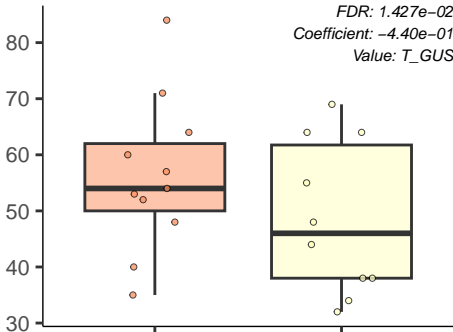
Coefficient: -4.40e-01

Value: T_GUS

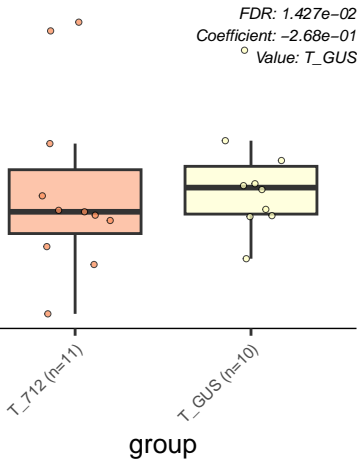
T_712 (n=11)

T_GUS (n=10)

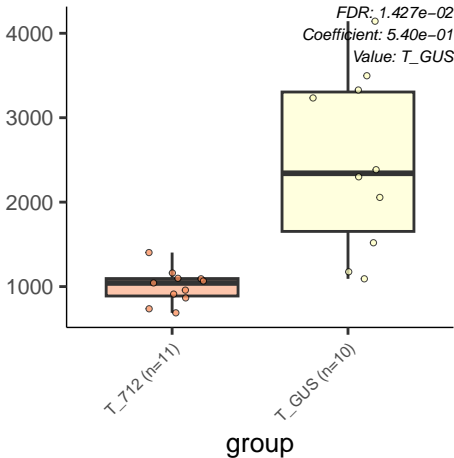
group



GH43_9.hmm



PL22_2.hmm



GH44.hmm

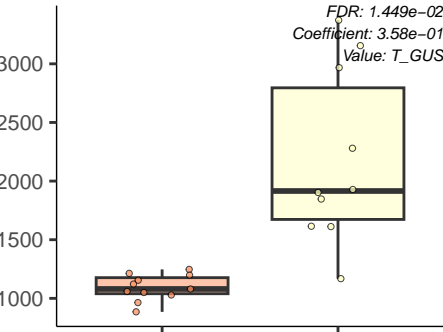
T_712 (n=11)

T_GUS (n=10)

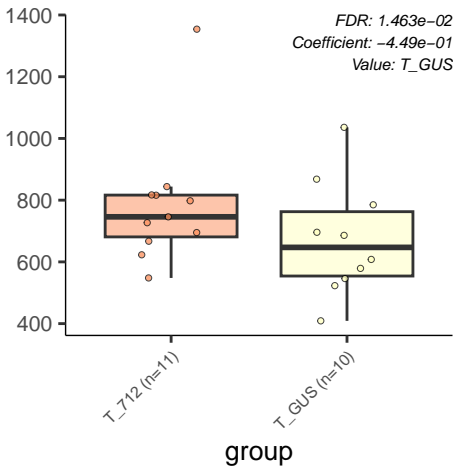
group

FDR: 1.449e-02
Coefficient: 3.58e-01
Value: T_GUS

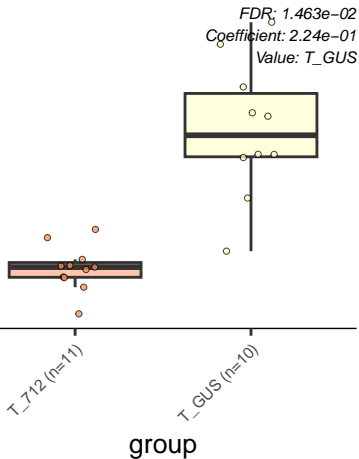
3000
2500
2000
1500
1000



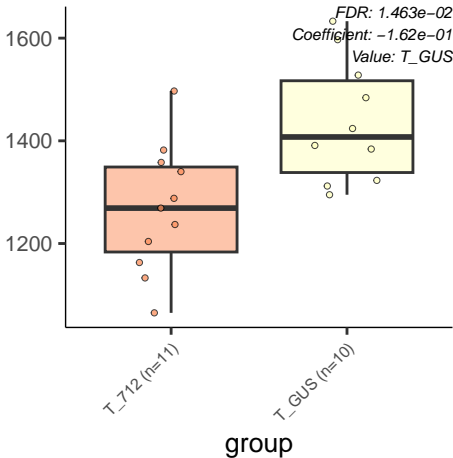
GH13_4.hmm



GH133.hmm



GT25.hmm



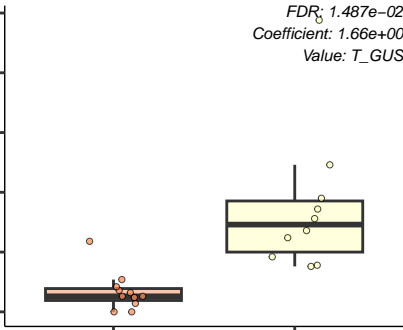
CBM59.hmm

FDR: 1.487e-02
Coefficient: 1.66e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH97.hmm

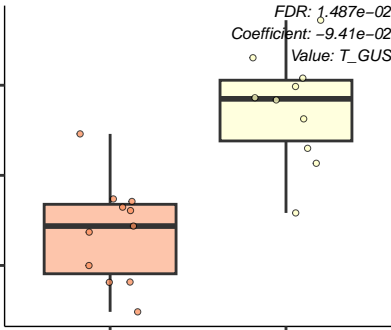
8000
7000
6000

T_712 (n=11)

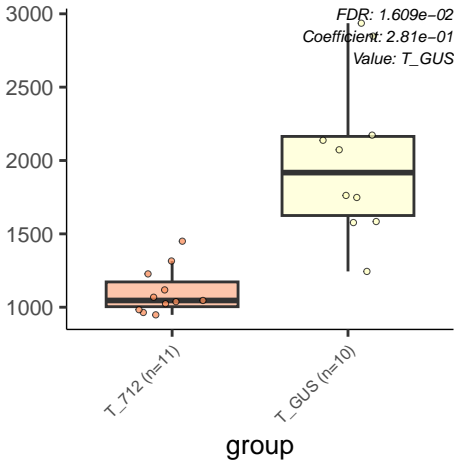
T_GUS (n=10)

group

FDR: 1.487×10^{-2}
Coefficient: -9.41×10^{-2}
Value: T_GUS



GH145.hmm



GH81.hmm

1200

800

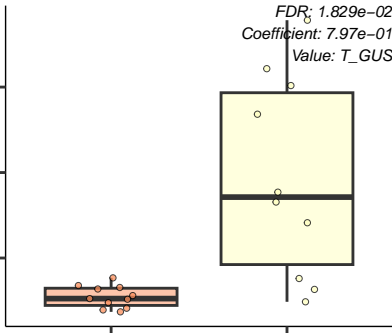
400

T_712 (n=11)

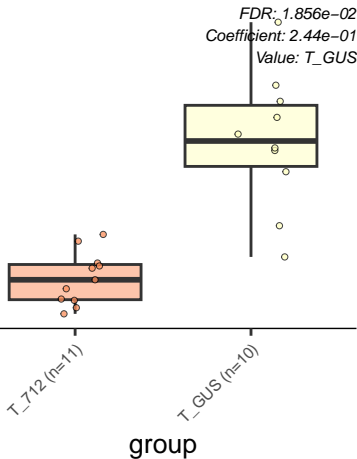
T_GUS (n=10)

group

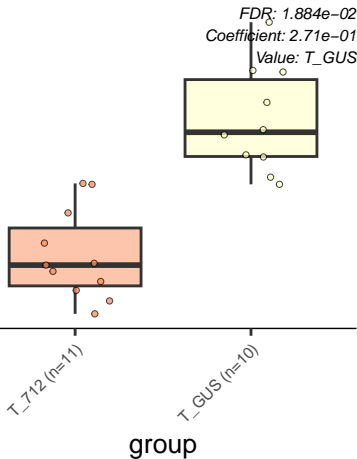
FDR: 1.829e-02
Coefficient: 7.97e-01
Value: T_GUS



GT46.hmm



GT89.hmm



GH143.hmm

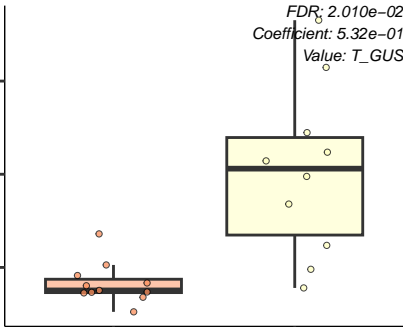
900
600
300

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.010e-02
Coefficient: 5.32e-01
Value: T_GUS



CE12.hmm

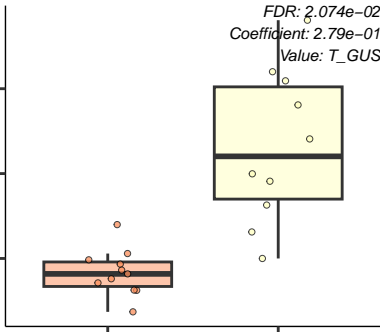
12000
9000
6000

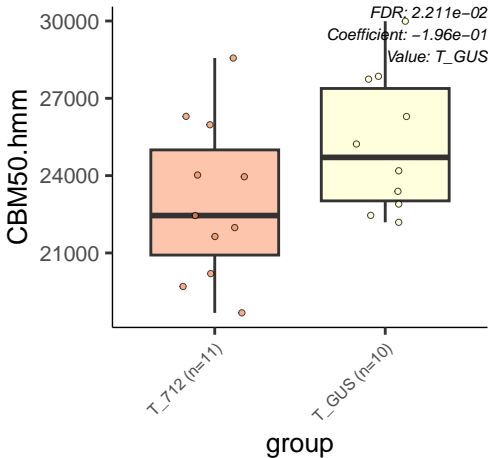
T_712 (n=11)

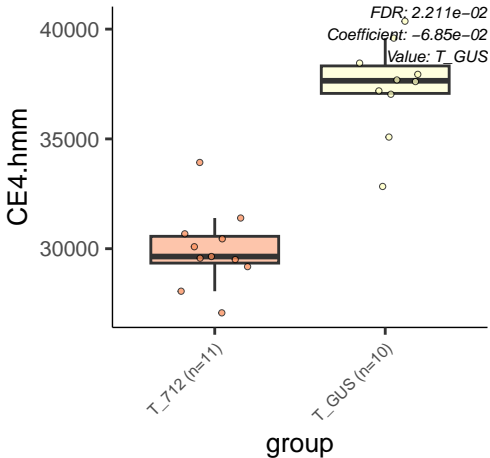
T_GUS (n=10)

group

FDR: $2.074e-02$
Coefficient: $2.79e-01$
Value: T_GUS







GH13_21.hmm

FDR: 2.211e-02

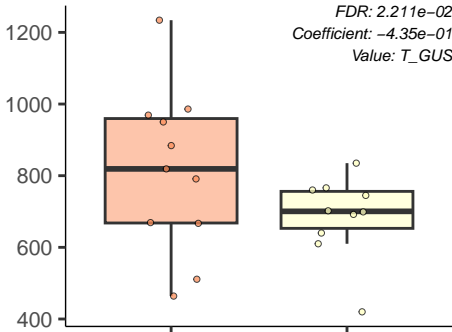
Coefficient: -4.35e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH30.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.211e-02

Coefficient: -1.18e-01

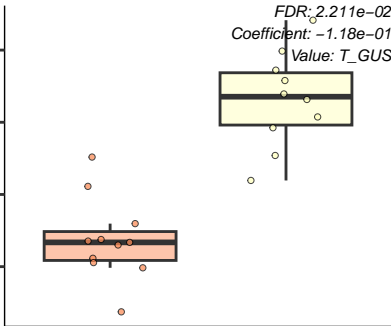
Value: T_GUS

6500

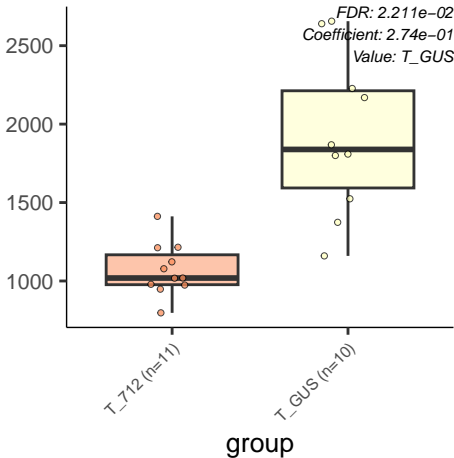
6000

5500

5000



GH43_11.hmm



GH5_2.hmm

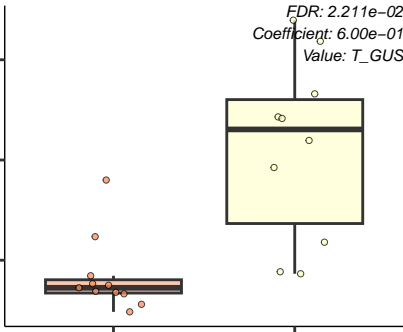
600
400
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.211e-02
Coefficient: 6.00e-01
Value: T_GUS



GT51.hmm

40000
35000

T_712 (n=11)

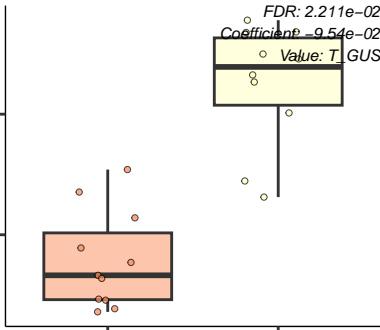
T_GUS (n=10)

group

FDR: 2.211e-02

Coefficient: -9.54e-02

Value: T_GUS



PL6_2.hmm

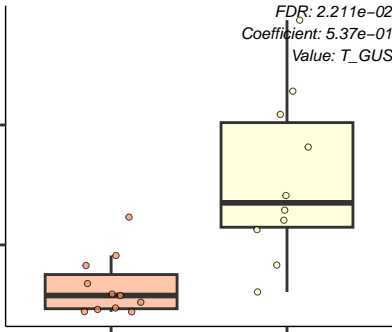
1000
500

T_712 (n=11)

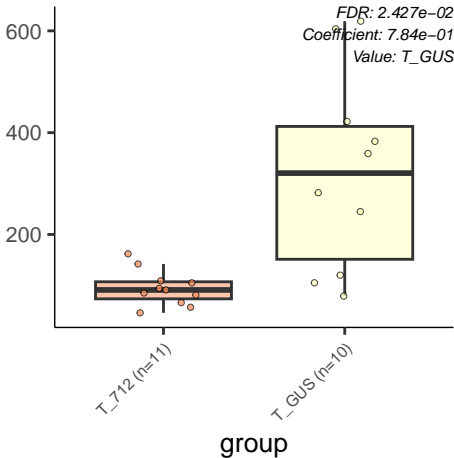
T_GUS (n=10)

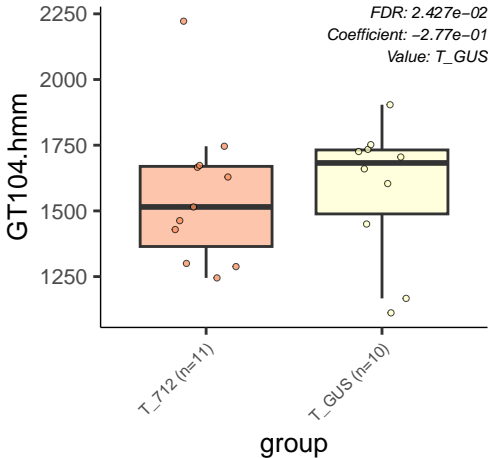
group

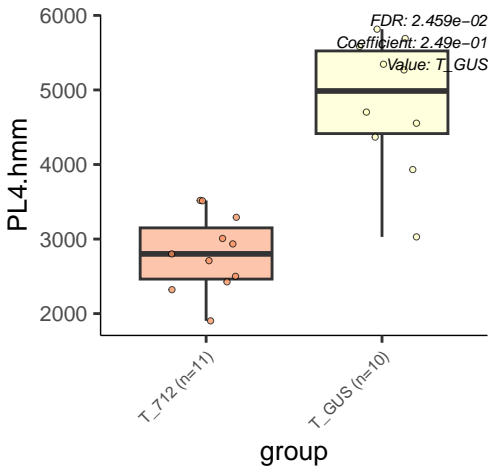
FDR: 2.211e-02
Coefficient: 5.37e-01
Value: T_GUS



CBM23.hmm







PL7_4.hmm

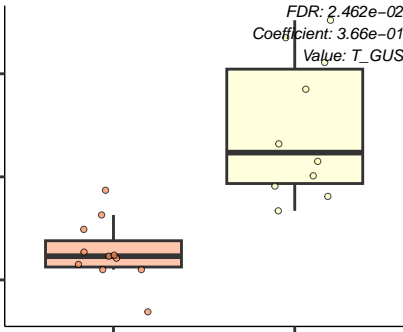
300
200
100

T_712 (n=11)

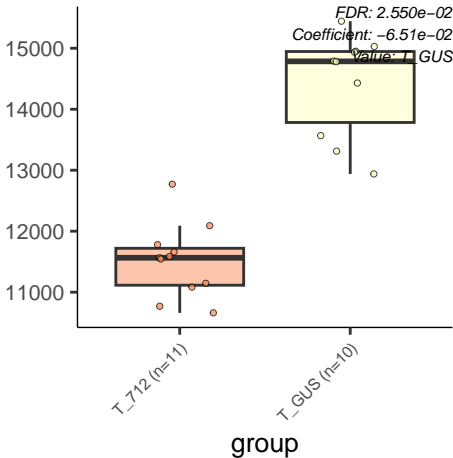
T_GUS (n=10)

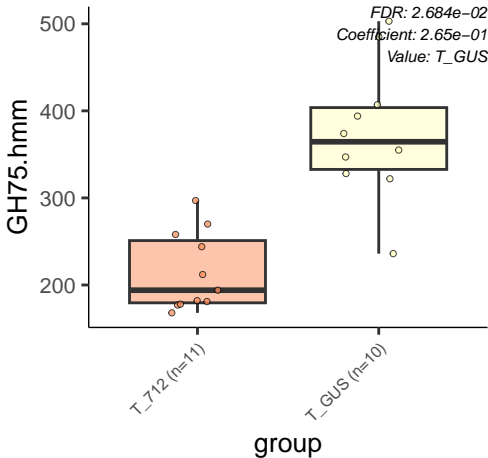
group

FDR: $2.462e-02$
Coefficient: $3.66e-01$
Value: T_GUS



GT20.hmm





GH17.hmm

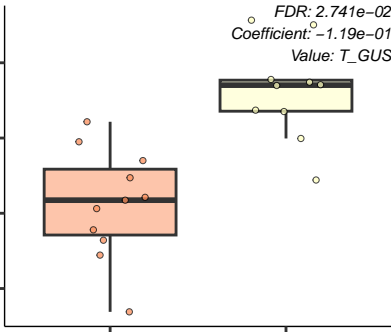
5000
4500
4000
3500

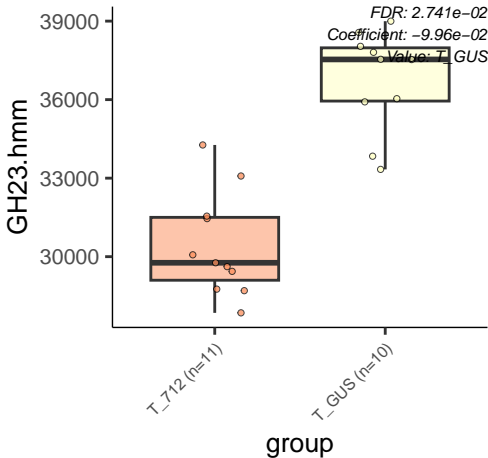
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.741e-02
Coefficient: -1.19e-01
Value: T_GUS





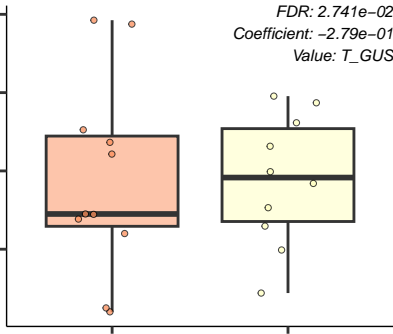
GH43_29.hmm

FDR: 2.741e-02
Coefficient: -2.79e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH89.hmm

FDR: 2.862e-02

Coefficient: -2.76e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

2400

2000

1600

GH121.hmm

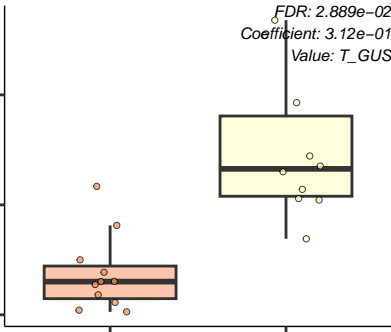
3000
2000
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.889e-02
Coefficient: 3.12e-01
Value: T_GUS



GH5_10.hmm

200

100

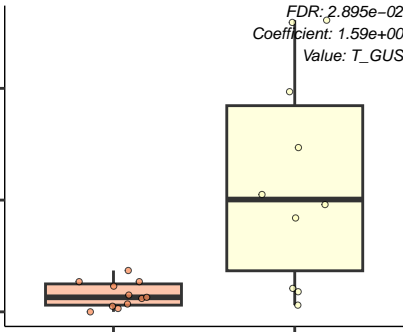
0

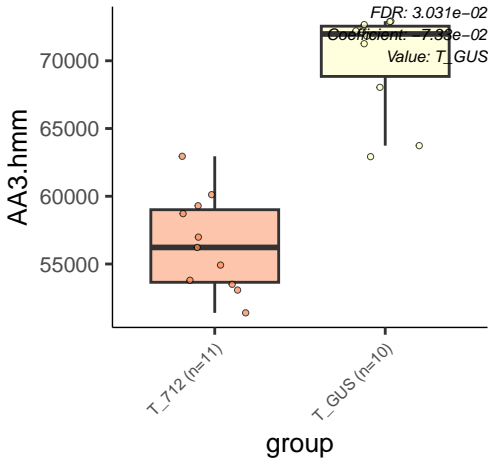
T_712 (n=11)

T_GUS (n=10)

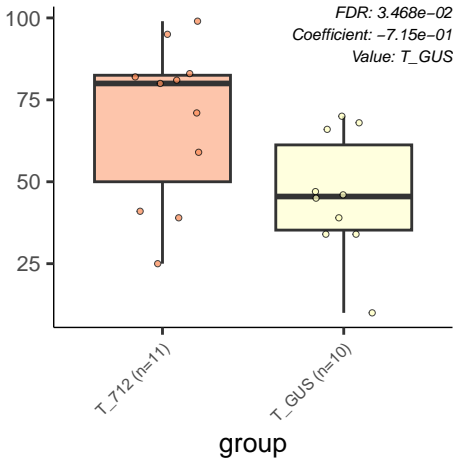
group

FDR: 2.895e-02
Coefficient: 1.59e+00
Value: T_GUS





PL5_1.hmm



CE6.hmm

6000

5000

4000

3000

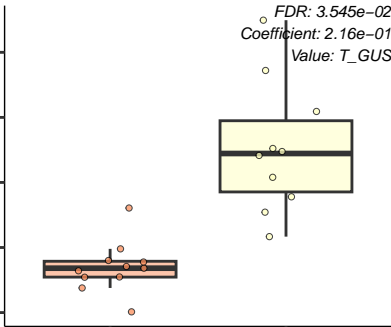
2000

T_712 (n=11)

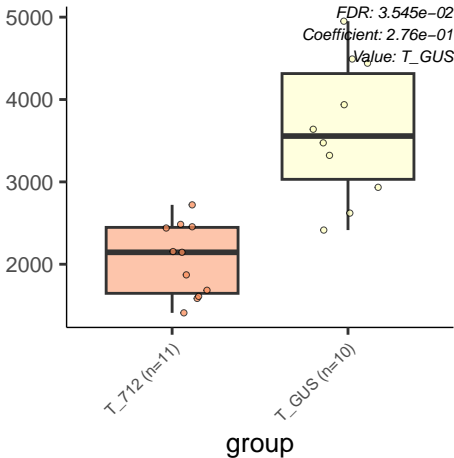
T_GUS (n=10)

group

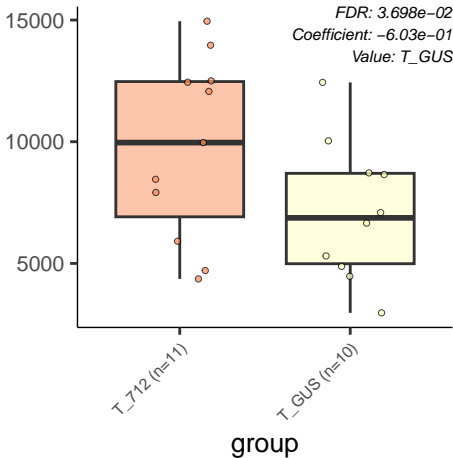
FDR: $3.545e-02$
Coefficient: $2.16e-01$
Value: T_GUS

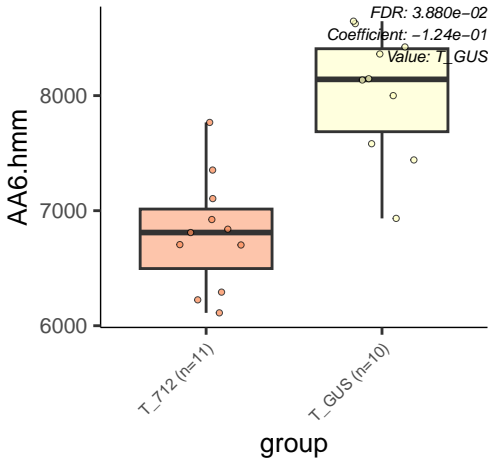


GH140.hmm



CBM4.hmm





GH26.hmm

6000

5000

4000

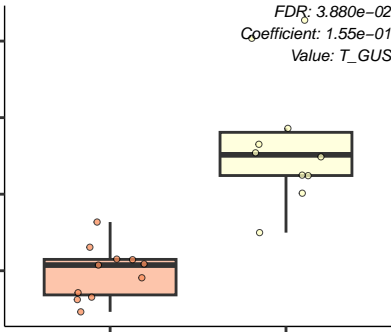
3000

T_712 (n=11)

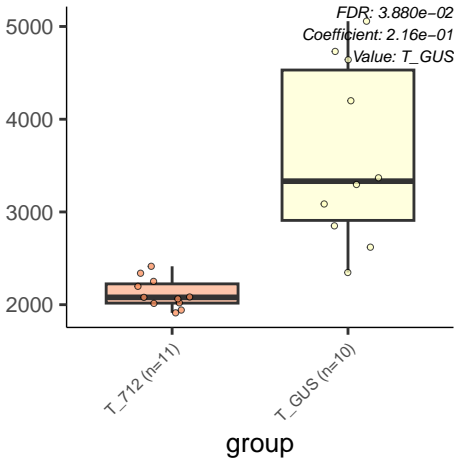
T_GUS (n=10)

group

FDR: 3.880×10^{-2}
Coefficient: 1.55×10^{-1}
Value: T_GUS



GH8.hmm



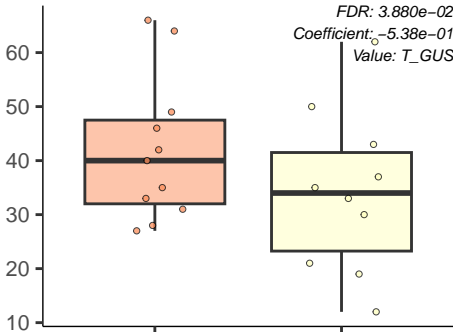
GT15.hmm

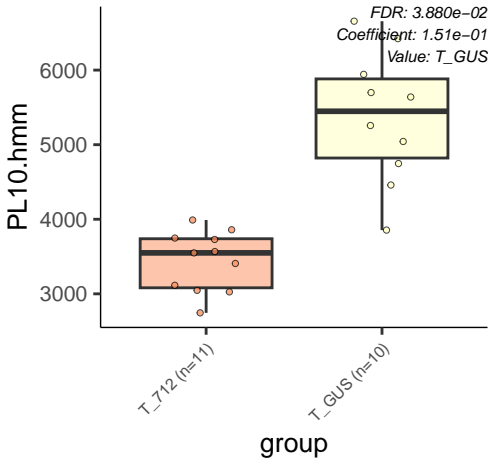
T_712 (n=11)

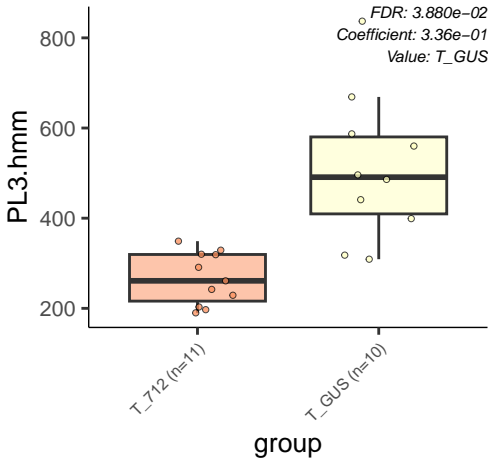
T_GUS (n=10)

group

FDR: $3.880e-02$
Coefficient: $-5.38e-01$
Value: T_GUS







GH109.hmm

70000

60000

50000

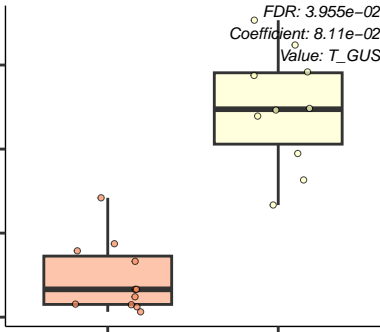
40000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 3.955e-02
Coefficient: 8.11e-02
Value: T_GUS



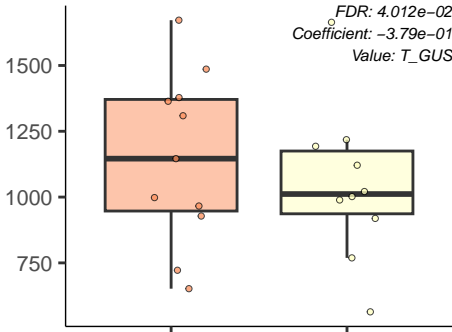
PL9_4.hmm

FDR: 4.012e-02
Coefficient: -3.79e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



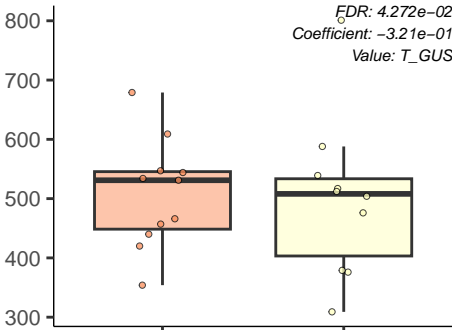
GH135.hmm

FDR: 4.272e-02
Coefficient: -3.21e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH36.hmm

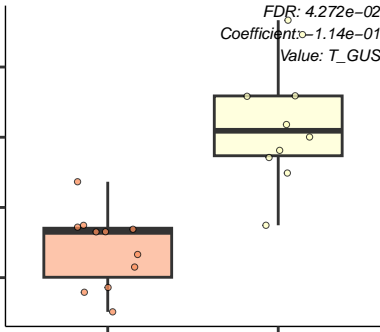
12000
11000
10000
9000

T_712 (n=11)

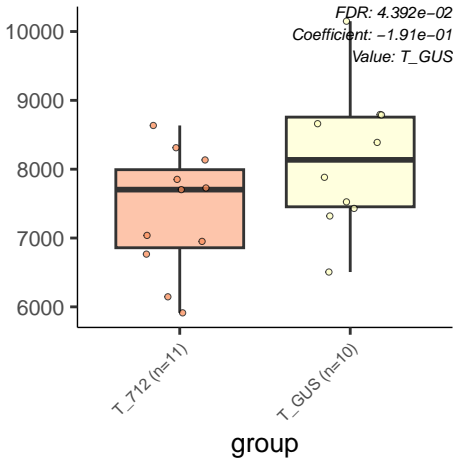
T_GUS (n=10)

group

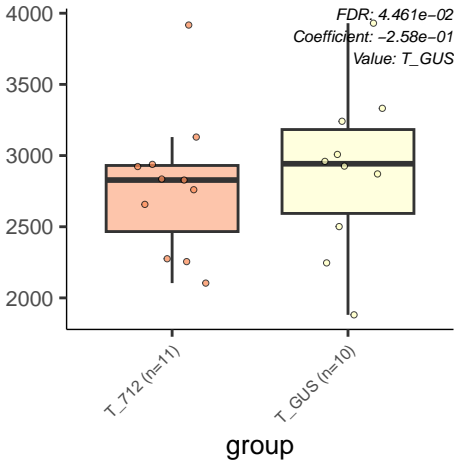
FDR: 4.272e-02
Coefficient: -1.14e-01
Value: T_GUS

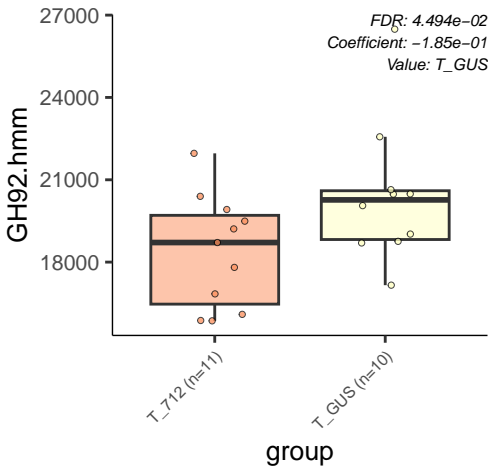


GH65.hmm



GH13_13.hmm





AA2.hmm

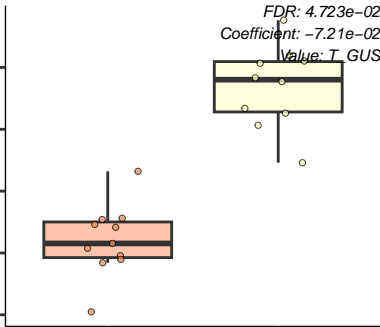
13000
12000
11000
10000
9000

T_712 (n=11)

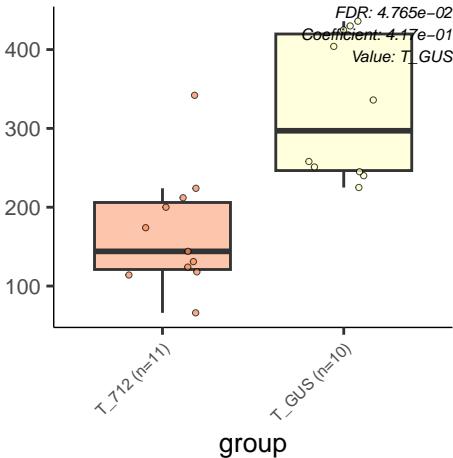
T_GUS (n=10)

group

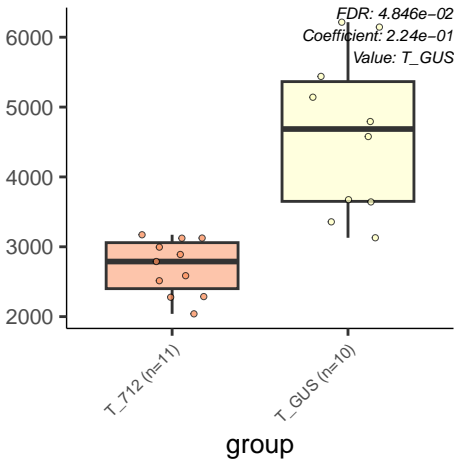
FDR: $4.723e-02$
Coefficient: $-7.21e-02$
Value: T_GUS

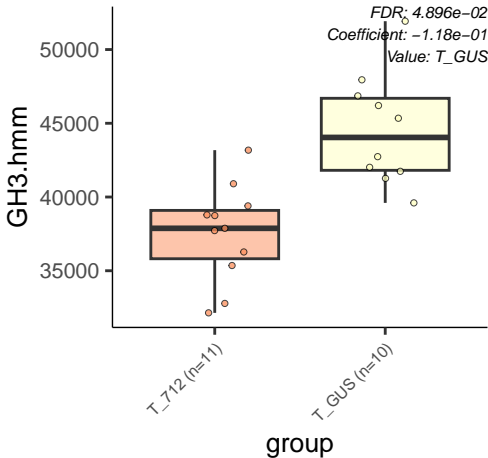


GH43_8.hmm



GH5.hmm





GH13_23.hmm

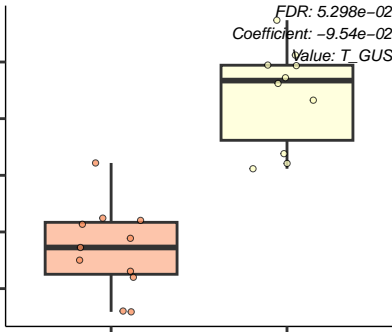
8000
7500
7000
6500
6000

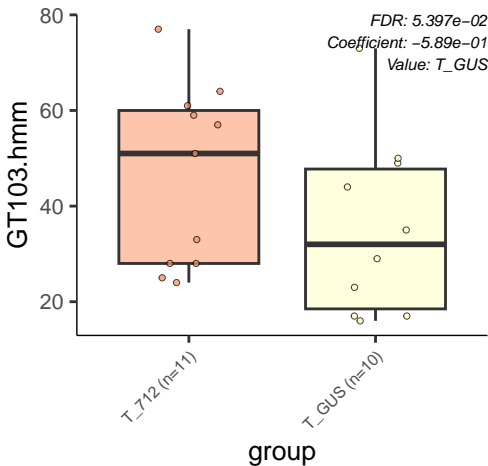
T_712 (n=11)

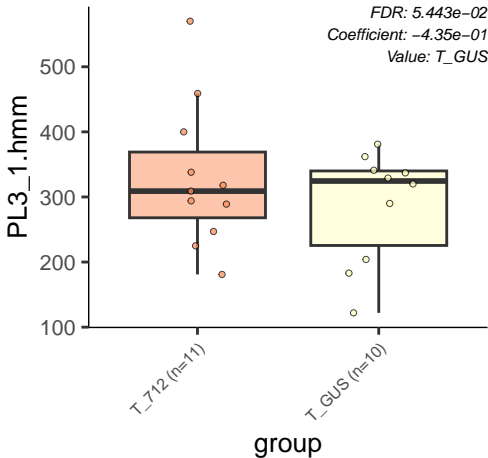
T_GUS (n=10)

group

FDR: 5.298e-02
Coefficient: -9.54e-02
Value: T_GUS







GH30_4.hmm

FDR: 5.515e-02
Coefficient: -2.10e-01
Value: T_GUS

400

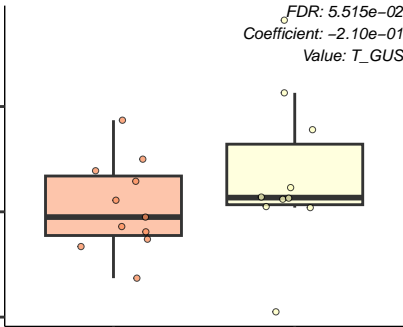
300

200

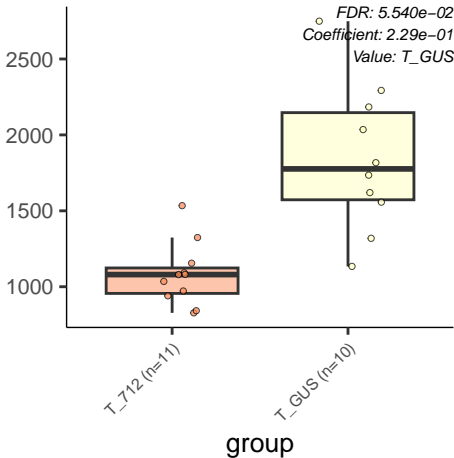
T_712 (n=11)

T_GUS (n=10)

group



GH138.hmm



GH5_41.hmm

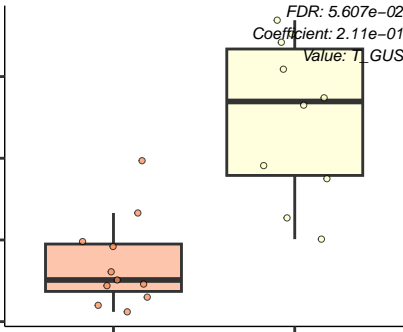
500
400
300
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.607e-02
Coefficient: 2.11e-01
Value: T_GUS



PL9_3.hmm

T_712 (n=11)

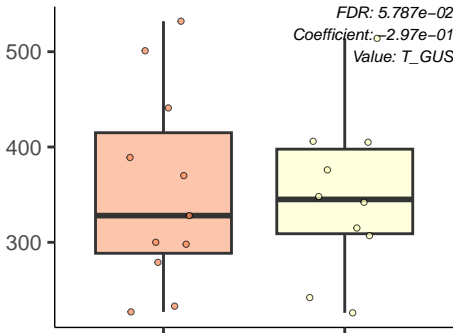
T_GUS (n=10)

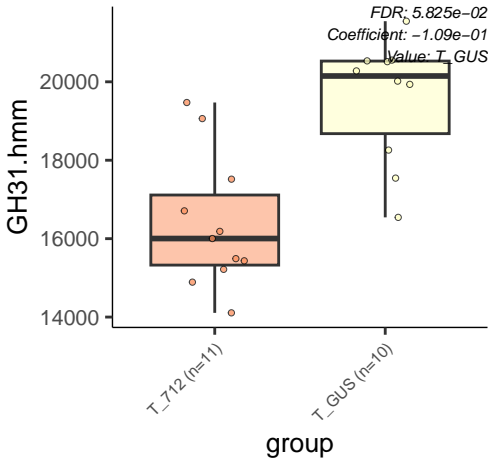
group

FDR: 5.787e-02

Coefficient: -2.97e-01

Value: T_GUS



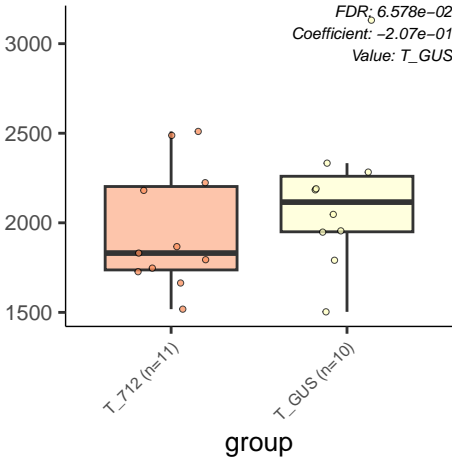


CBM5.hmm

FDR: $6.578e-02$

Coefficient: $-2.07e-01$

Value: T_GUS



GT66.hmm

1200

1000

800

600

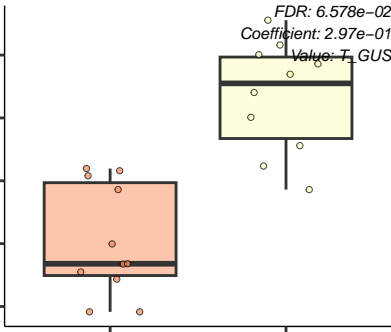
400

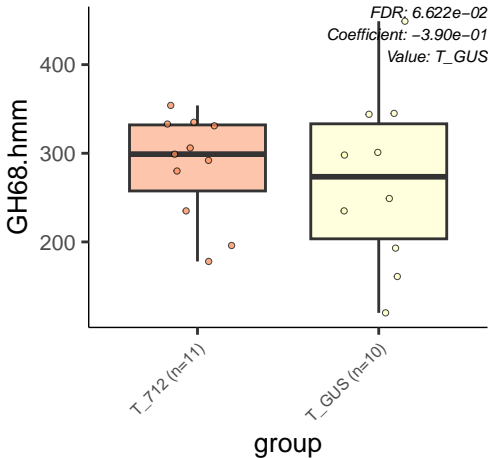
T_712 (n=11)

T_GUS (n=10)

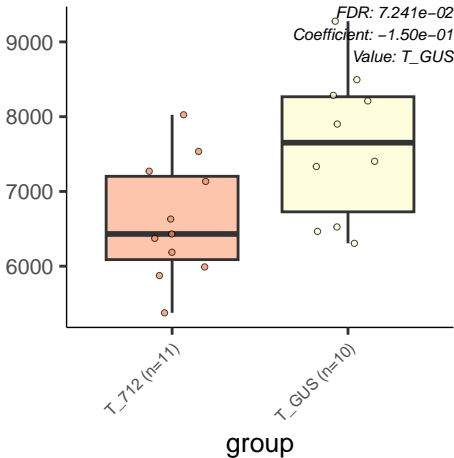
group

FDR: 6.578e-02
Coefficient: 2.97e-01
Value: T_GUS





GH13.hmm



GH30_2.hmm

T_712 (n=11)

T_GUS (n=10)

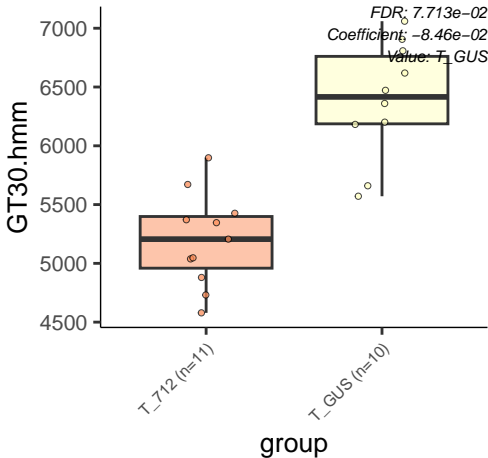
group

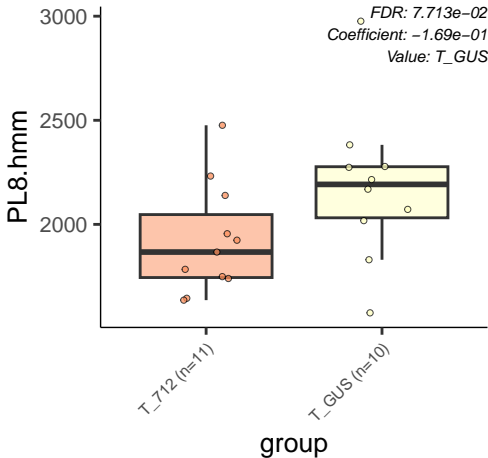
FDR: 7.249×10^{-2}
Coefficient: -3.05×10^{-1}
Value: T_GUS

125

100

75





GH106.hmm

20000

16000

12000

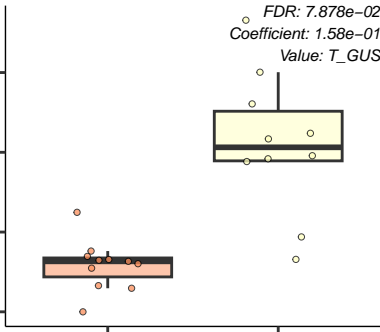
8000

T_712 (n=11)

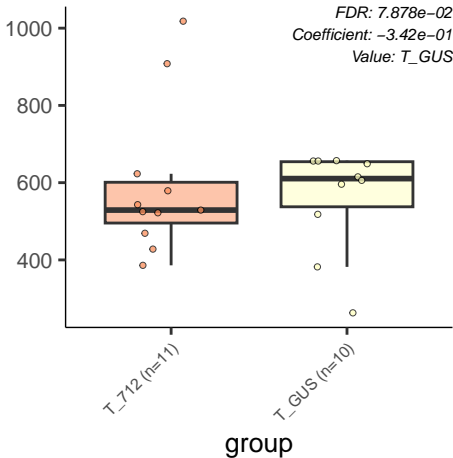
T_GUS (n=10)

group

FDR: 7.878e-02
Coefficient: 1.58e-01
Value: T_GUS



GH13_19.hmm



GH13_6.hmm

FDR: 8.029e-02

Coefficient: -3.64e-01

Value: T_GUS

800

600

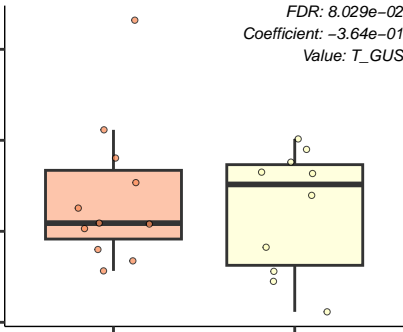
400

200

T_712 (n=11)

T_GUS (n=10)

group



GH49.hmm

300

250

200

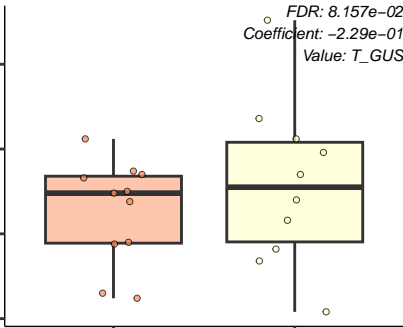
150

T_712 (n=11)

T_GUS (n=10)

group

FDR: $8.157e-02$
Coefficient: $-2.29e-01$
Value: T_GUS



GT19.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: $8.258e-02$

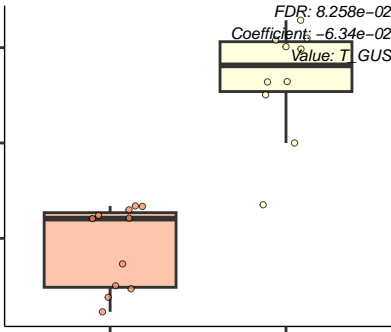
Coefficient: $-6.34e-02$

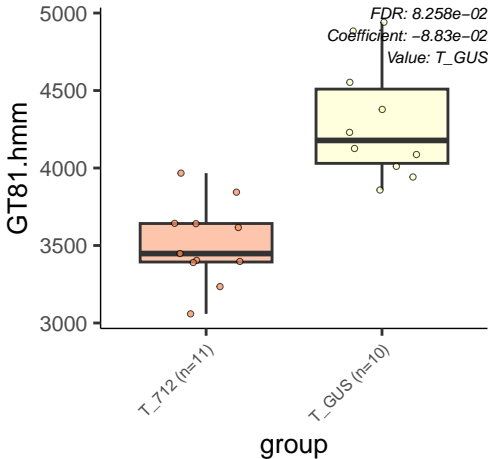
Value: T_GUS

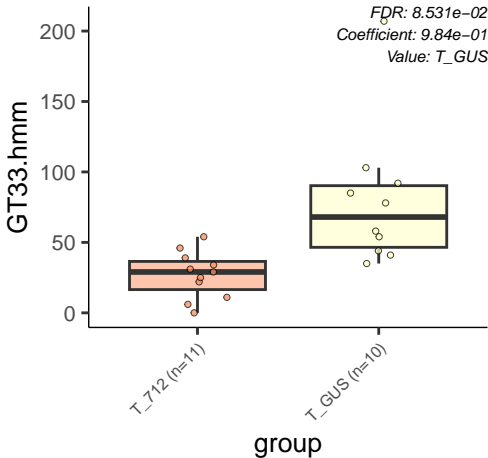
9000

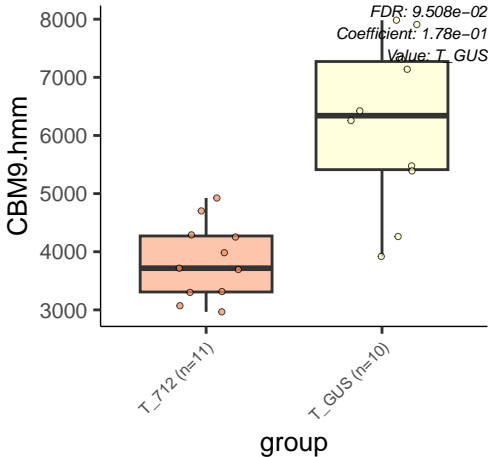
8000

7000

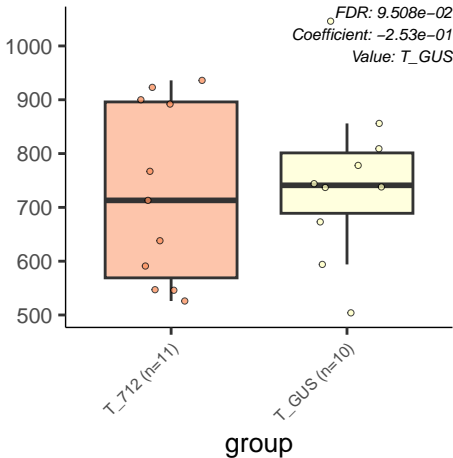




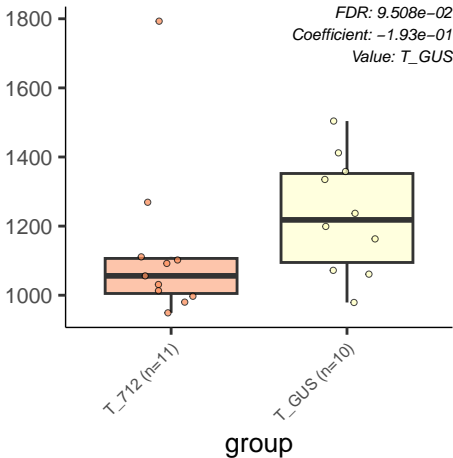




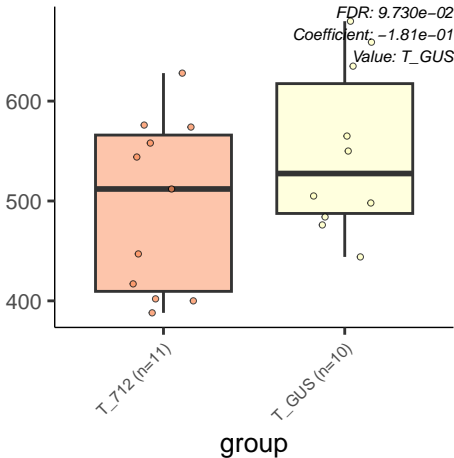
GH104.hmm



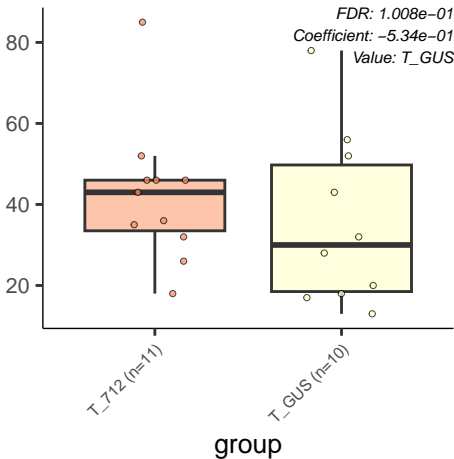
GH43_3.hmm



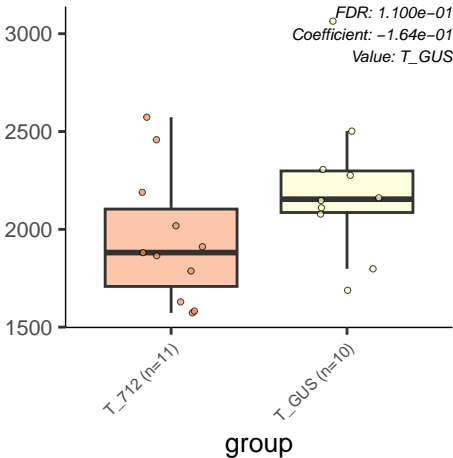
GH30_5.hmm



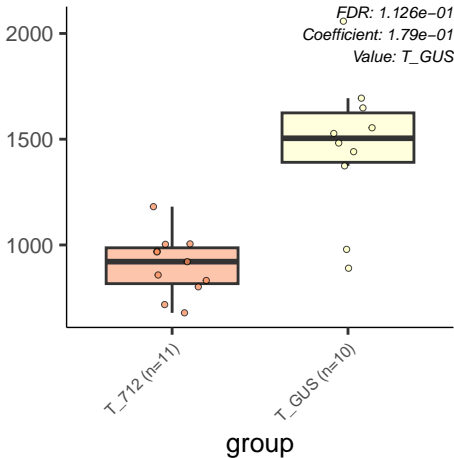
GH72.hmm

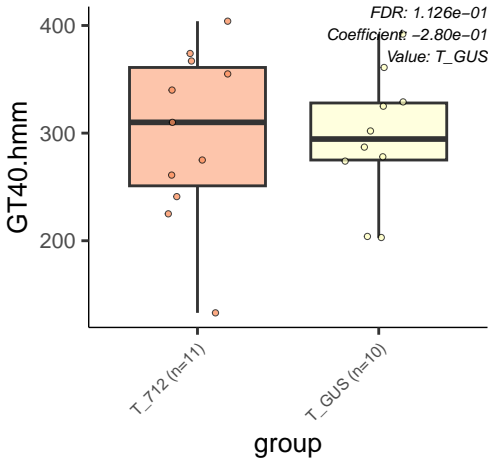


GH93.hmm



GH43_18.hmm





AA5_1.hmm

FDR: 1.141e-01
Coefficient: -1.10e+00
Value: T_GUS

100

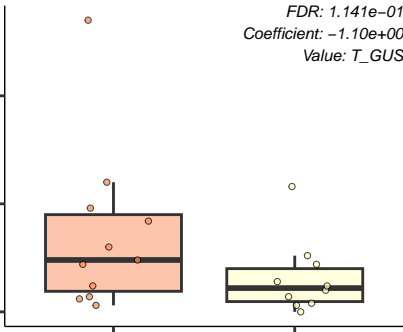
50

0

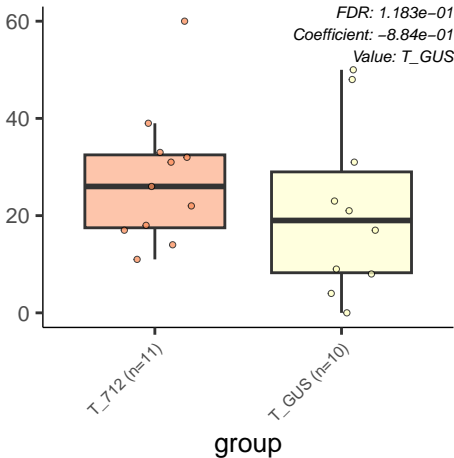
T_712 (n=11)

T_GUS (n=10)

group



GH13_14.hmm



GT94.hmm

1000

750

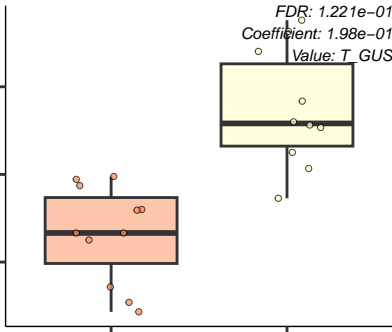
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.221e-01
Coefficient: 1.98e-01
Value: T_GUS



GT29.hmm

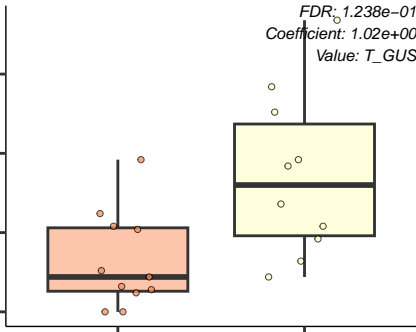
75
50
25
0

T_712 (n=11)

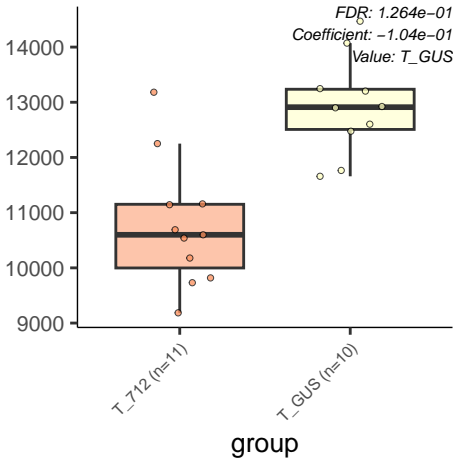
T_GUS (n=10)

group

FDR: 1.238e-01
Coefficient: 1.02e+00
Value: T_GUS



GH35.hmm



CE11.hmm

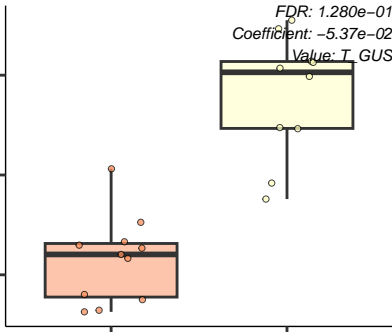
8000
7000
6000

T_712 (n=11)

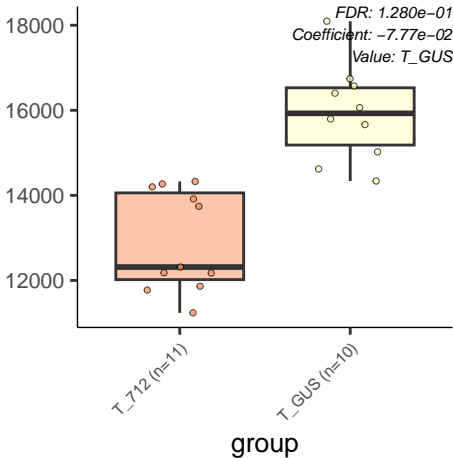
T_GUS (n=10)

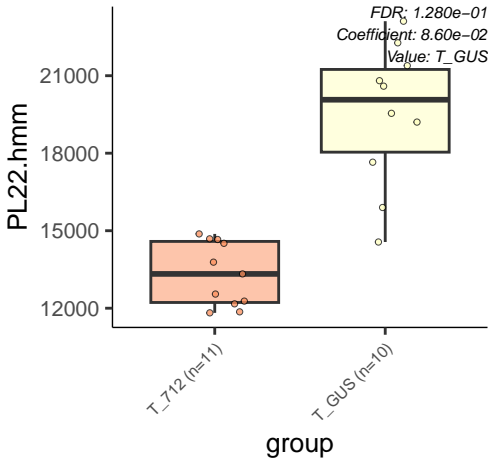
group

FDR: 1.280e-01
Coefficient: -5.37e-02
Value: T_GUS



GH103.hmm





GT2_Cellulose_synt.hmm

FDR: 1.290e-01

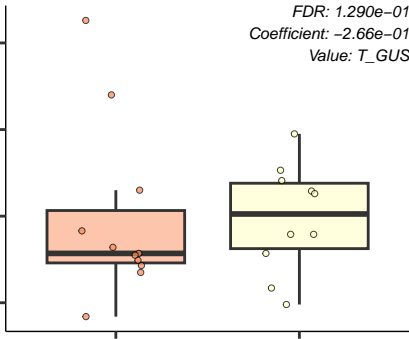
Coefficient: -2.66e-01

Value: T_GUS

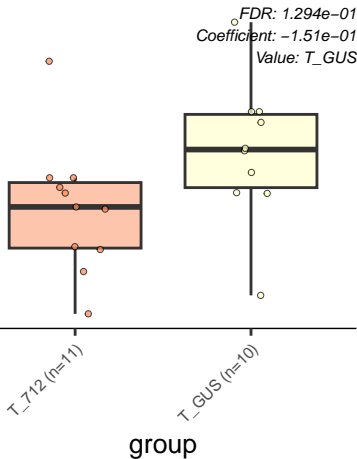
T_712 (n=11)

T_GUS (n=10)

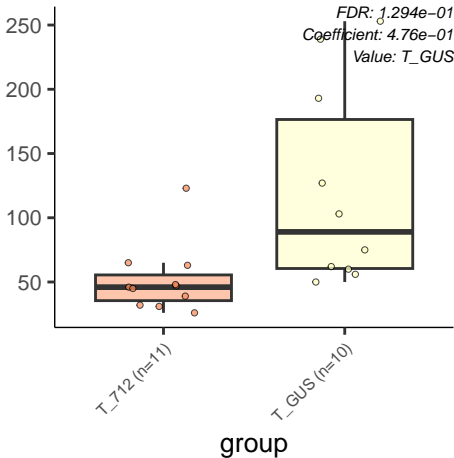
group



GH120.hmm



PL17_1.hmm



PL1_2.hmm

5000

4000

3000

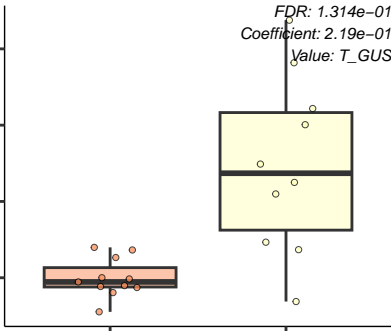
2000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.314e-01
Coefficient: 2.19e-01
Value: T_GUS



GH123.hmm

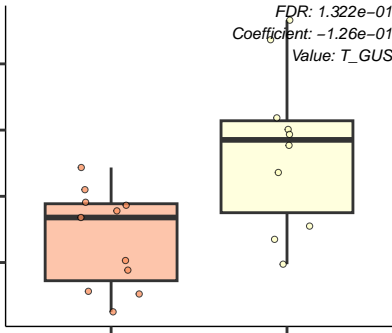
2000
1800
1600
1400

T_712 (n=11)

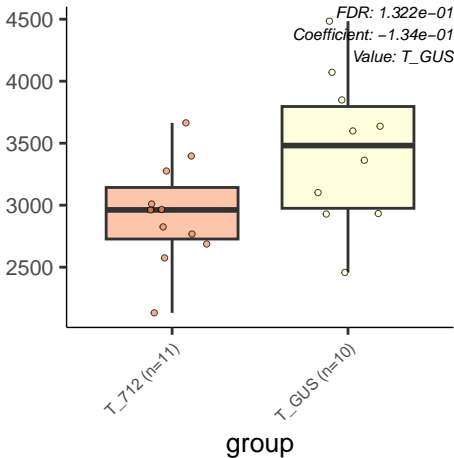
T_GUS (n=10)

group

FDR: 1.322e-01
Coefficient: -1.26e-01
Value: T_GUS



GH73.hmm



GT75.hmm

FDR: 1.322e-01
Coefficient: -2.09e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

250

200

150

GH13_1.hmm

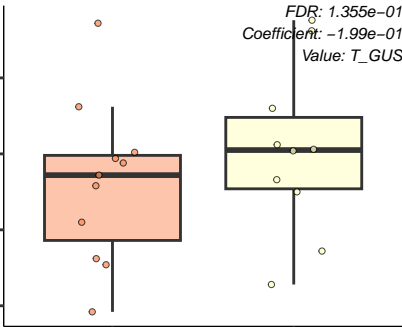
300
250
200
150

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.355e-01
Coefficient: -1.99e-01
Value: T_GUS



GH43_37.hmm

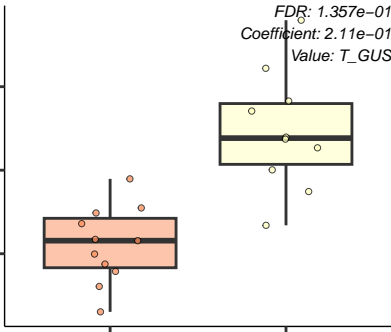
1000
750
500

T_712 (n=11)

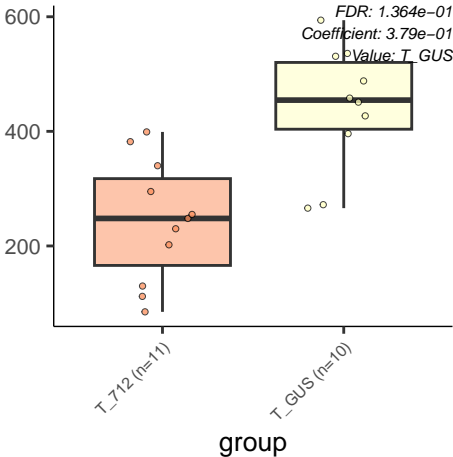
T_GUS (n=10)

group

FDR: 1.357e-01
Coefficient: 2.11e-01
Value: T_GUS



dockerin.hmm



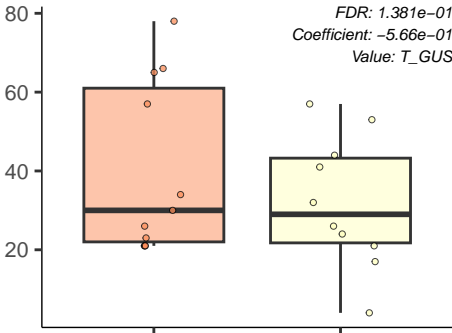
GH13_22.hmm

FDR: 1.381e-01
Coefficient: -5.66e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH32.hmm

8000

7000

6000

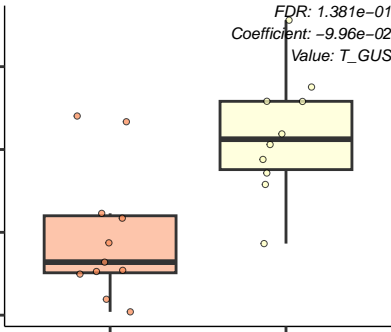
5000

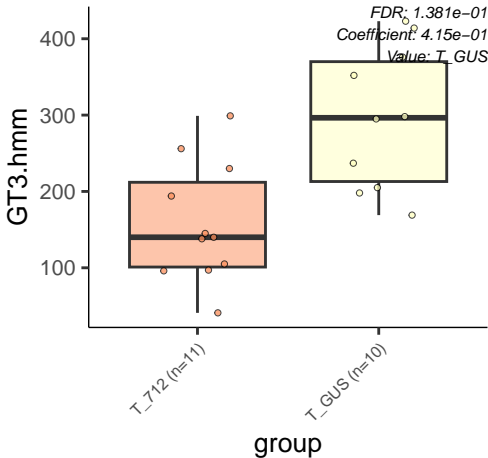
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.381e-01
Coefficient: -9.96e-02
Value: T_GUS





PL1_7.hmm

100

50

T_712 (n=11)

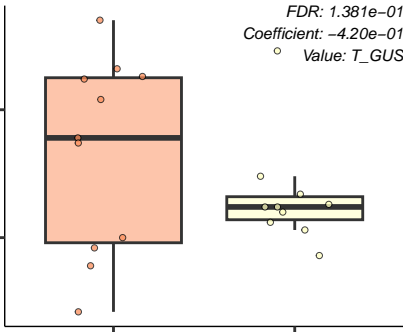
T_GUS (n=10)

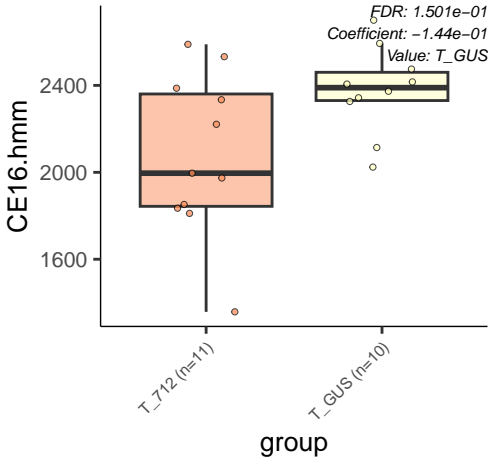
group

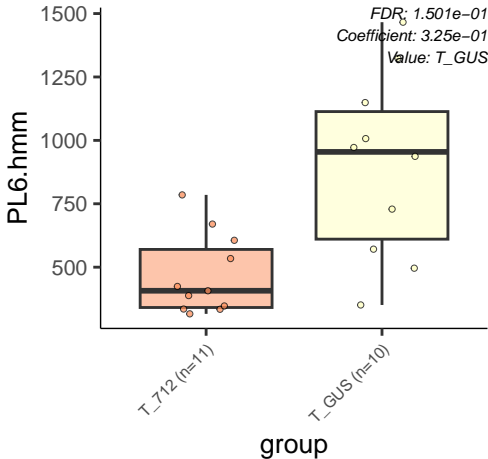
FDR: 1.381e-01

Coefficient: -4.20e-01

Value: T_GUS







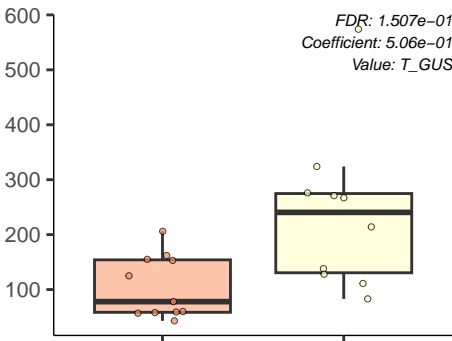
GH43_7.hmm

FDR: 1.507e-01
Coefficient: 5.06e-01
Value: T_GUS

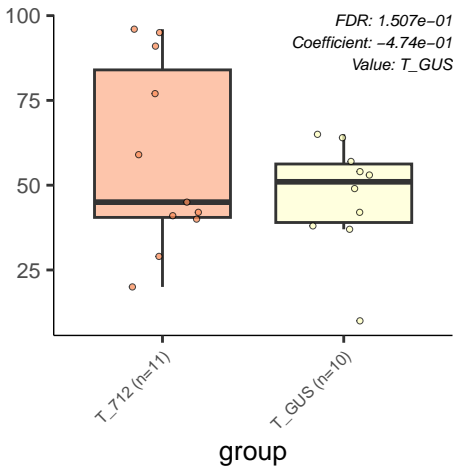
T_712 (n=11)

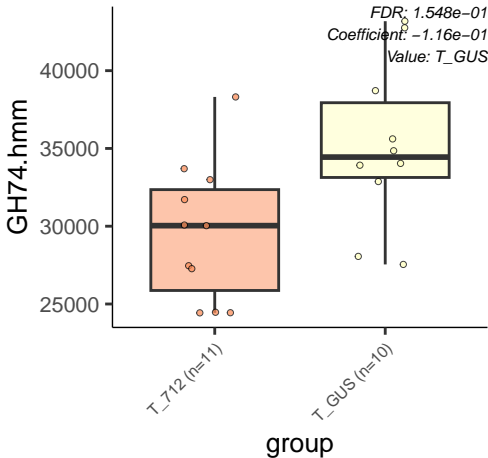
T_GUS (n=10)

group



GT56.hmm





CE9.hmm

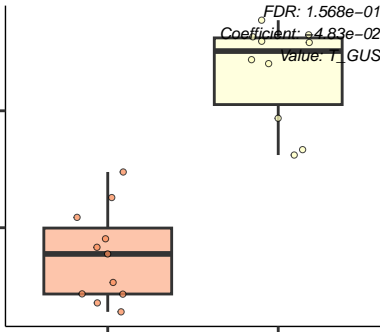
70000
60000

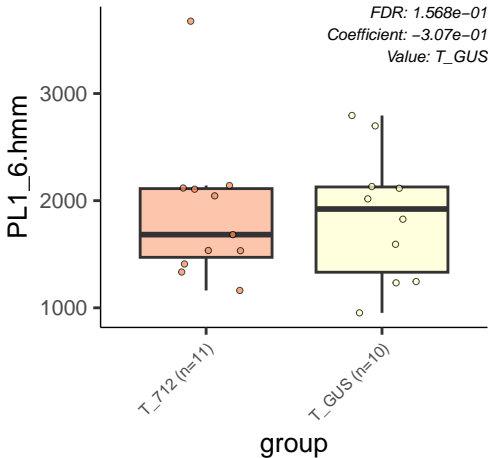
T_712 (n=11)

T_GUS (n=10)

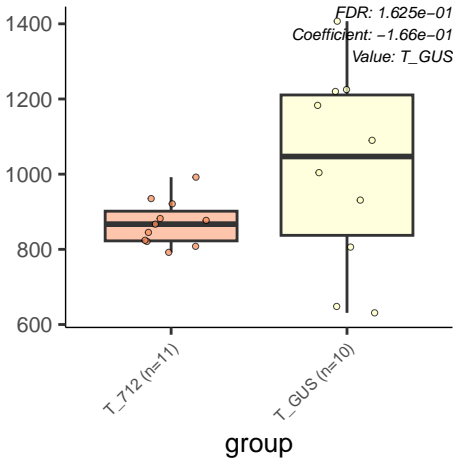
group

FDR: 1.568e-01
Coefficient: 4.83e-02
Value: T_GUS





PL6_1.hmm



GH13_40.hmm

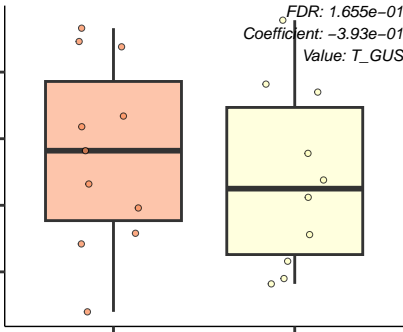
250
200
150
100

T_712 (n=11)

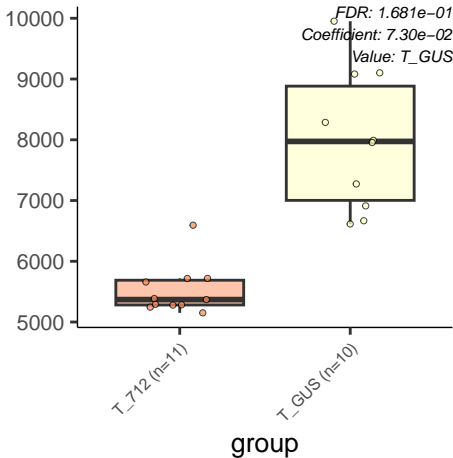
T_GUS (n=10)

group

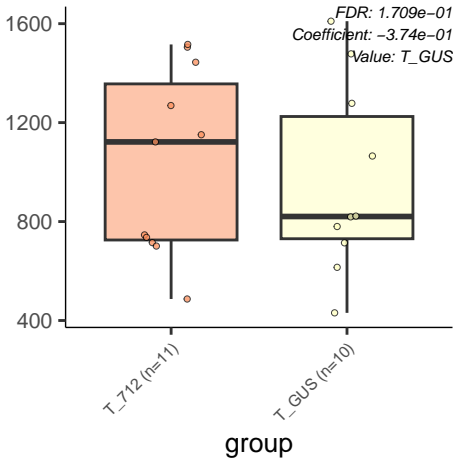
FDR: 1.655e-01
Coefficient: -3.93e-01
Value: T_GUS

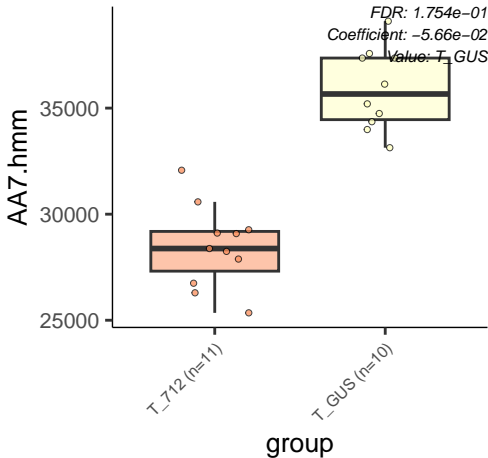


PL9.hmm



CBM62.hmm





GH51.hmm

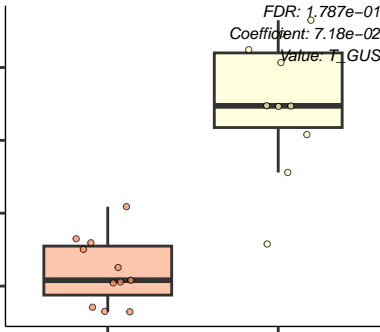
16000
14000
12000
10000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.787e-01
Coefficient: 7.18e-02
Value: T_GUS



GH130.hmm

5000

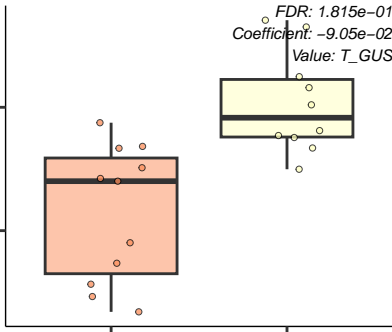
4000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.815e-01
Coefficient: -9.05e-02
Value: T_GUS



GH5_46.hmm

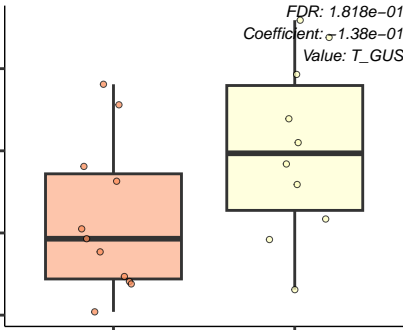
700
600
500
400

T_712 (n=11)

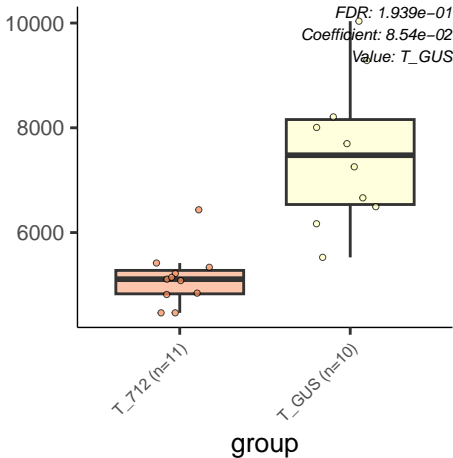
T_GUS (n=10)

group

FDR: 1.818e-01
Coefficient: 1.38e-01
Value: T_GUS



GH9.hmm



GH18.hmm

12000

10000

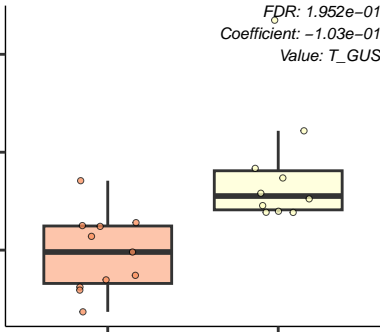
8000

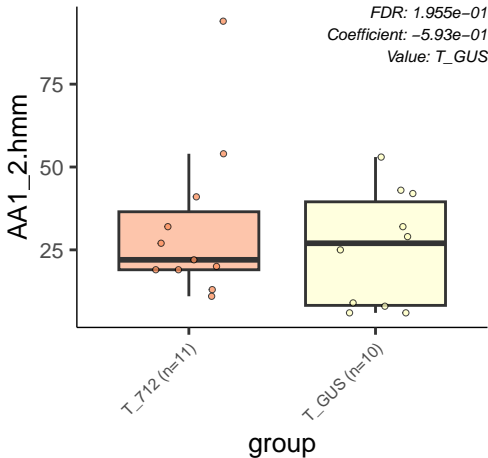
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.952e-01
Coefficient: -1.03e-01
Value: T_GUS





GH1.hmm

20000

18000

16000

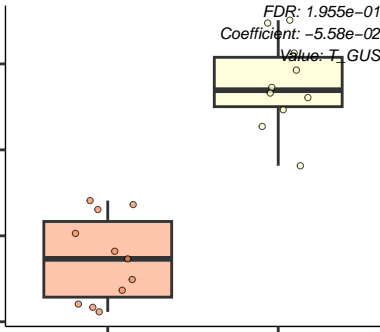
14000

T_712 (n=11)

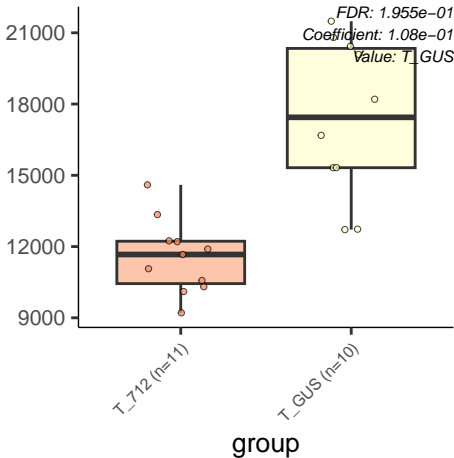
T_GUS (n=10)

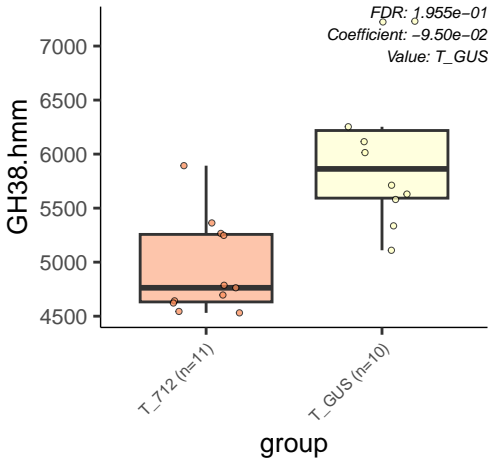
group

FDR: 1.955e-01
Coefficient: -5.58e-02
Value: T_GUS



GH28.hmm





PL7.hmm

100

80

60

40

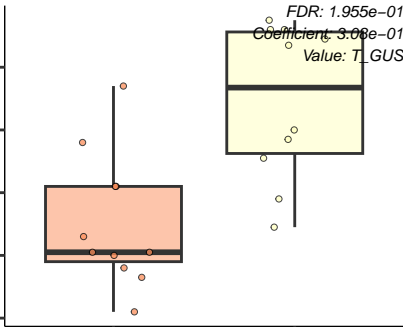
20

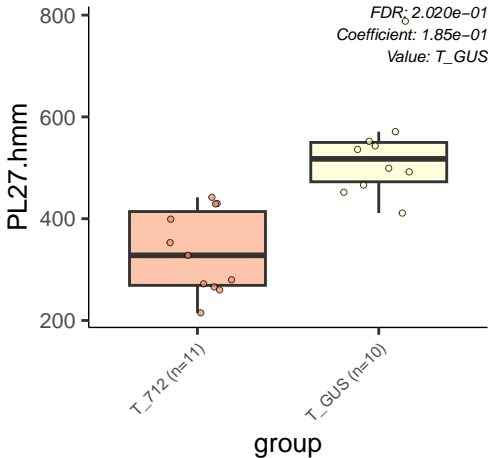
T_712 (n=11)

T_GUS (n=10)

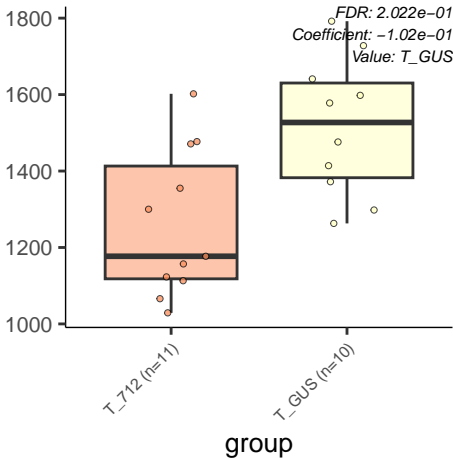
group

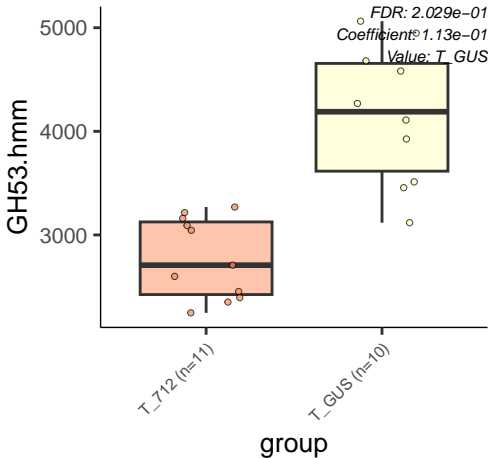
FDR: 1.955e-01
Coefficient: 3.08e-01
Value: T_GUS

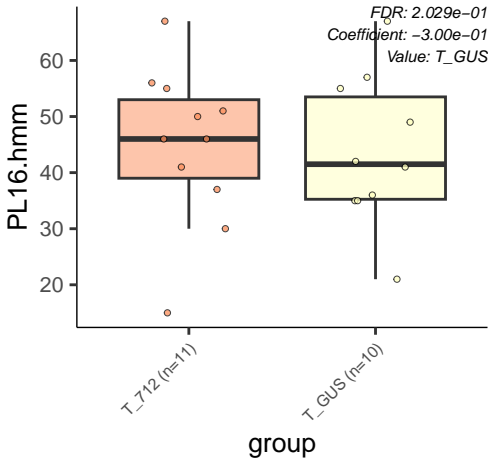




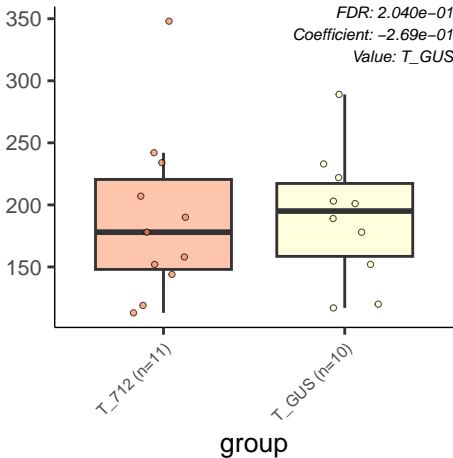
GH43_28.hmm







GH5_27.hmm



GT45.hmm

FDR: 2.094e-01
Coefficient: 6.76e-01
Value: T_GUS

75

50

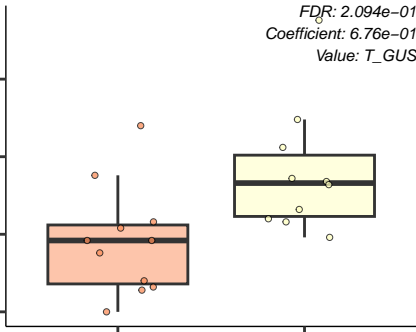
25

0

T_712 (n=11)

T_GUS (n=10)

group



GH114.hmm

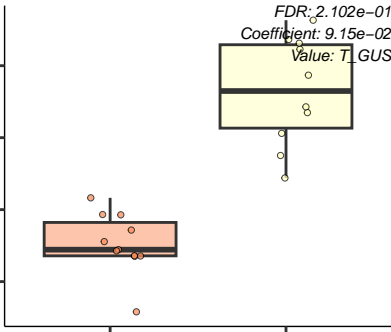
1750
1500
1250
1000

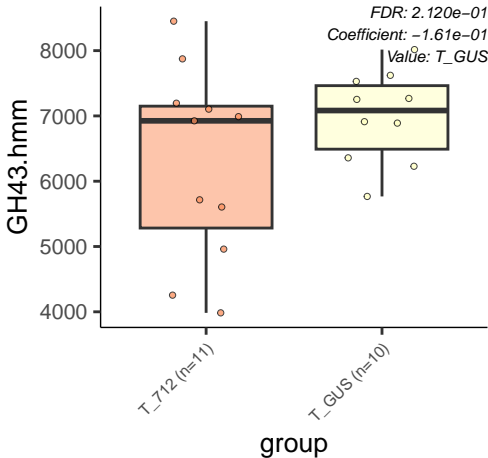
T_712 (n=11)

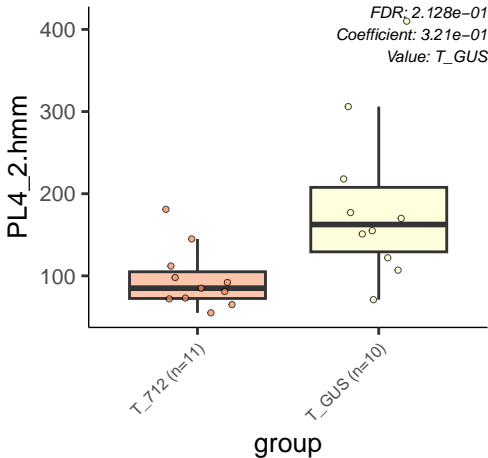
T_GUS (n=10)

group

FDR: $2.102e-01$
Coefficient: $9.15e-02$
Value: T_GUS







GT41.hmm

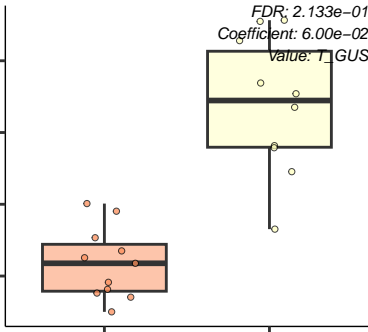
200000
175000
150000
125000

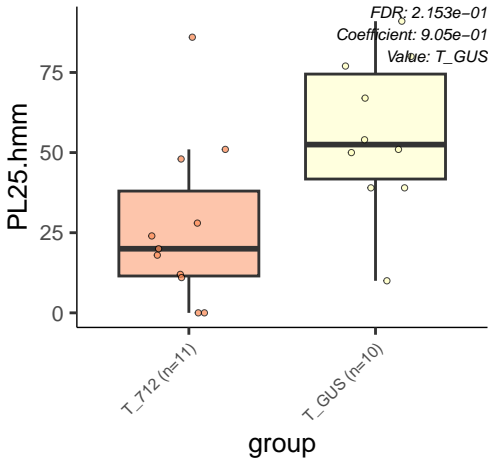
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.133e-01
Coefficient: 6.00e-02
value: T_GUS





AA3_2.hmm

20000

17500

15000

T_712 (n=11)

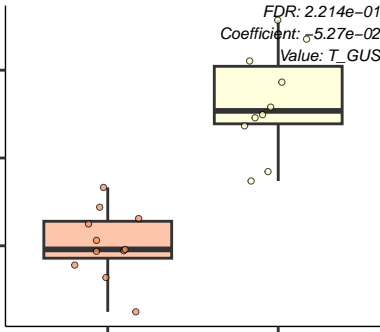
T_GUS (n=10)

group

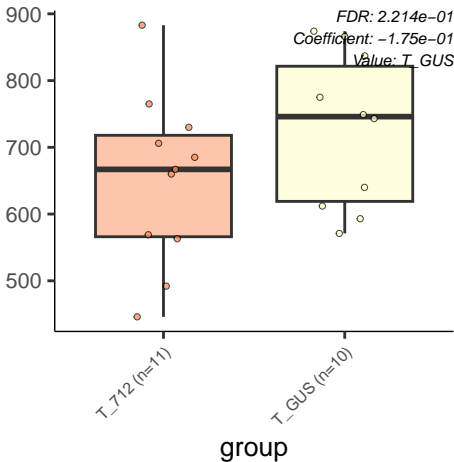
FDR: 2.214e-01

Coefficient: 5.27e-02

Value: T_GUS



CBM12.hmm



CBM34.hmm

FDR: 2.214e-01
Coefficient: -2.99e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

200

150

100

CBM57.hmm

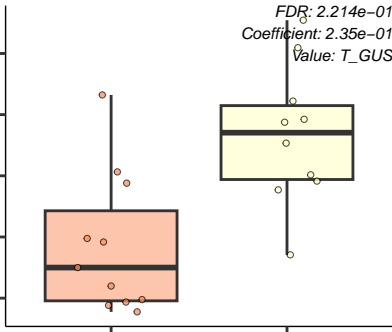
3000
2500
2000
1500
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.214e-01
Coefficient: 2.35e-01
Value: T_GUS



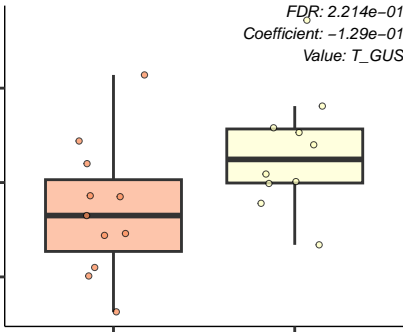
GH13_5.hmm

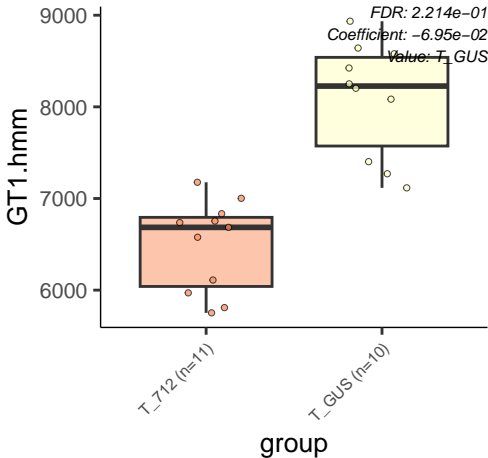
FDR: 2.214e-01
Coefficient: -1.29e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





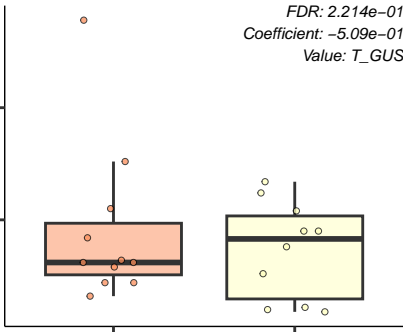
GT48.hmm

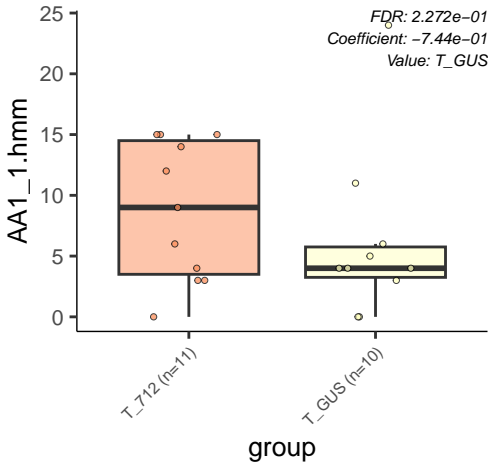
FDR: 2.214e-01
Coefficient: -5.09e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





GT58.hmm

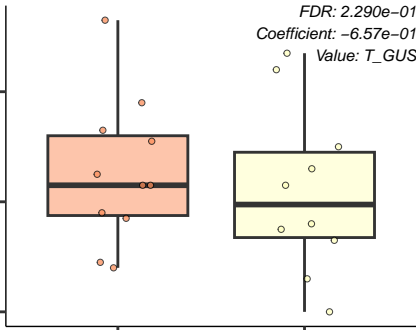
40
20
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.290e-01
Coefficient: -6.57e-01
Value: T_GUS



GT57.hmm

FDR: 2.336e-01

Coefficient: -4.28e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

