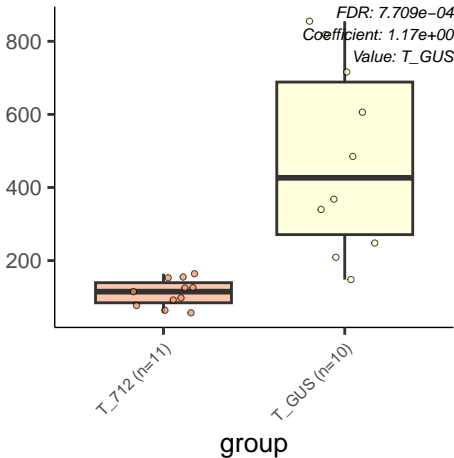
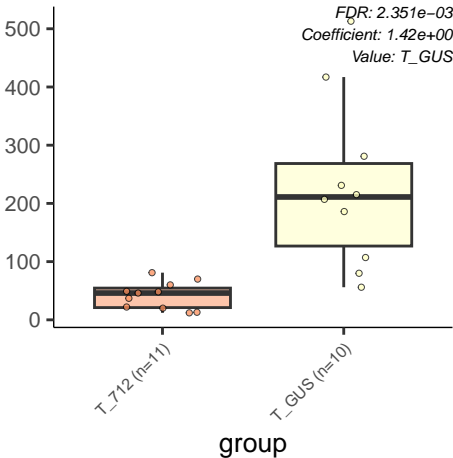
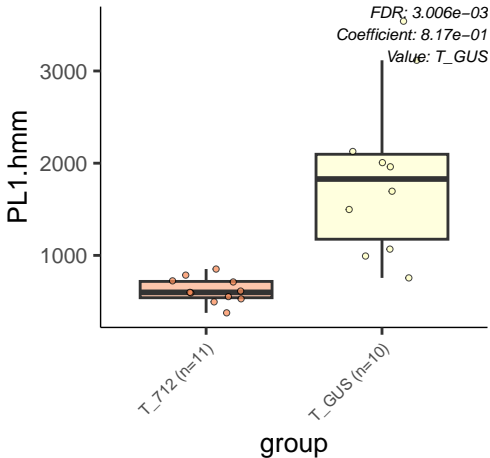


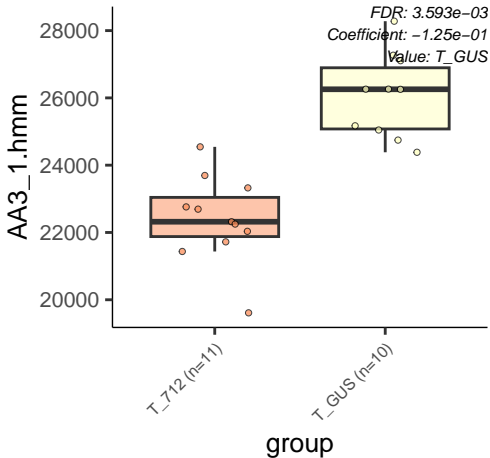
CBM11.hmm



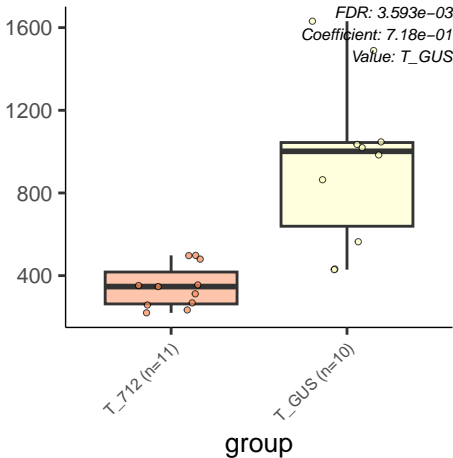
PL10_2.hmm







GH100.hmm



GH107.hmm

150

100

50

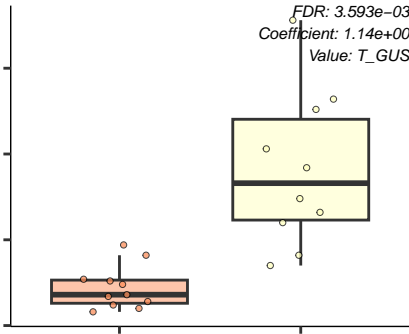
0

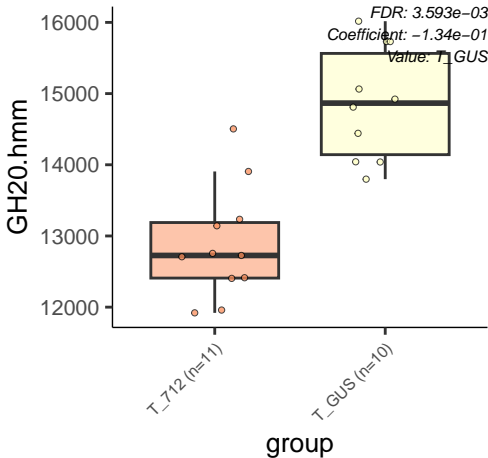
T_712 (n=11)

T_GUS (n=10)

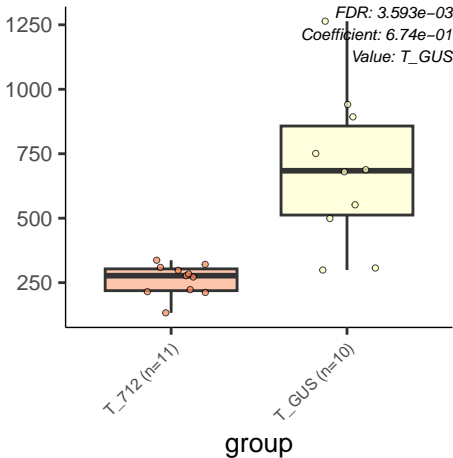
group

FDR: 3.593e-03
Coefficient: 1.14e+00
Value: T_GUS

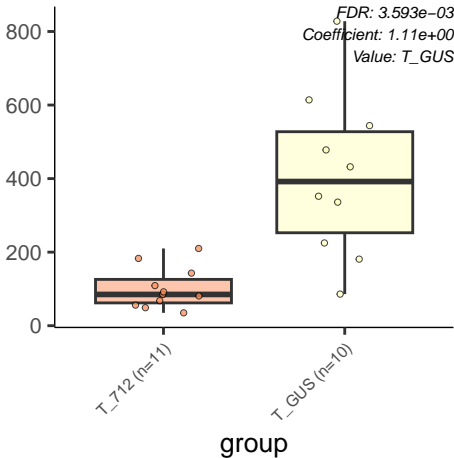




GH43_17.hmm



GH52.hmm



GH5_10.hmm

200

100

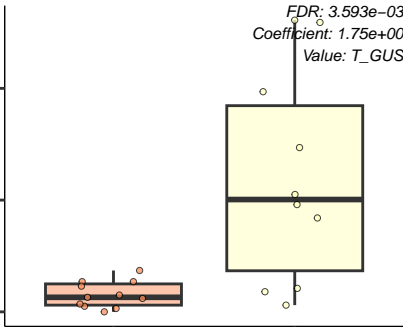
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 3.593e-03
Coefficient: 1.75e+00
Value: T_GUS



GH81.hmm

1200

800

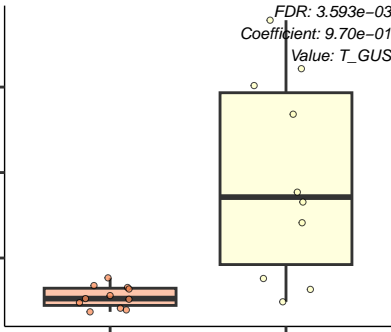
400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 3.593e-03
Coefficient: 9.70e-01
Value: T_GUS



PL1_3.hmm

300

200

100

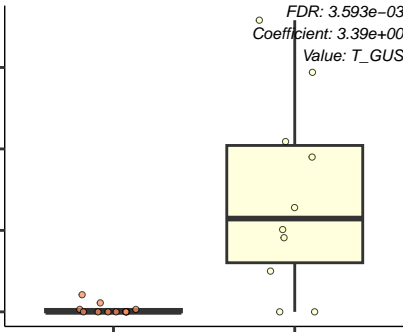
0

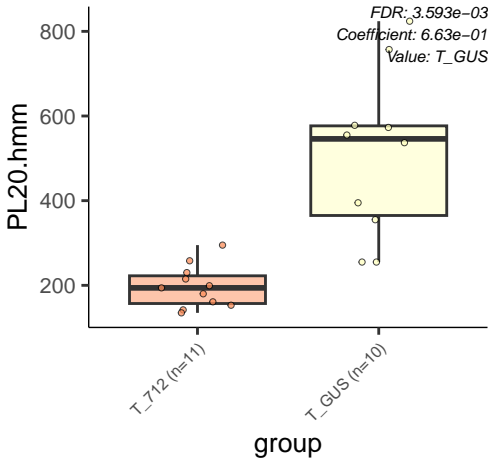
T_712 (n=11)

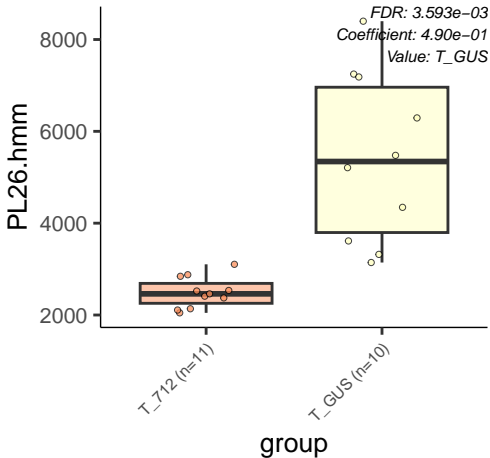
T_GUS (n=10)

group

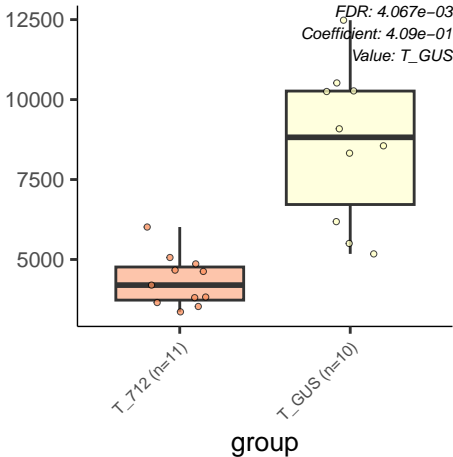
FDR: $3.593e-03$
Coefficient: $3.39e+00$
Value: T_GUS

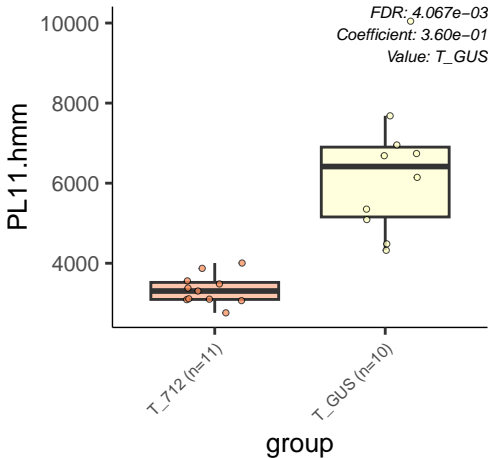




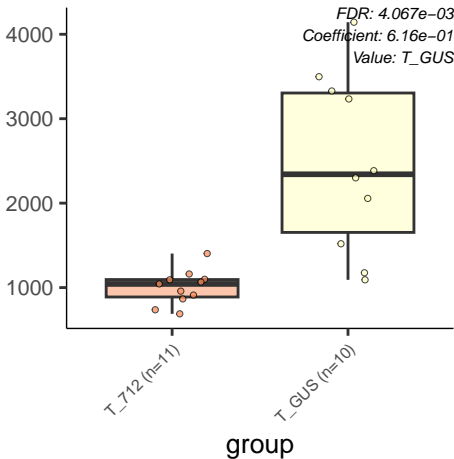


CE15.hmm

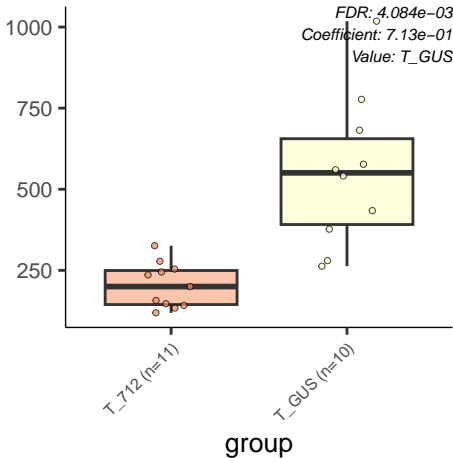




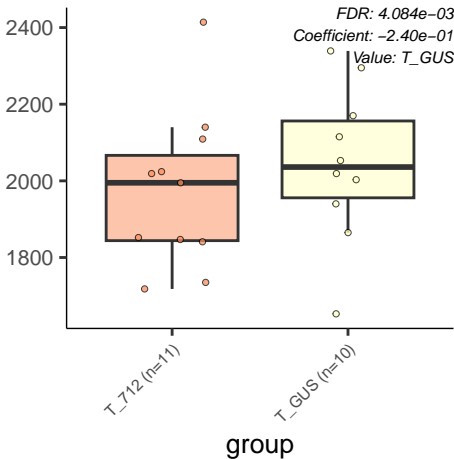
PL22_2.hmm



CBM47.hmm



GH125.hmm



PL11_2.hmm

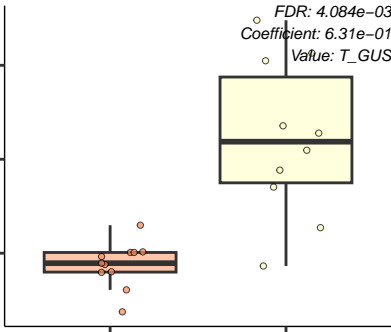
1500
1000
500

T_712 (n=11)

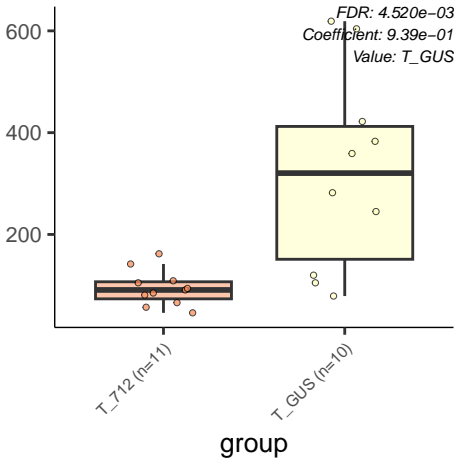
T_GUS (n=10)

group

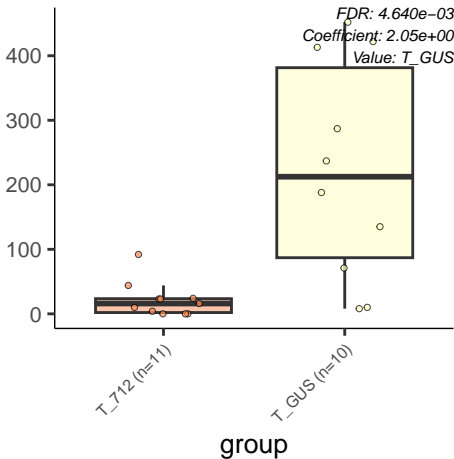
FDR: 4.084e-03
Coefficient: 6.31e-01
Value: T_GUS



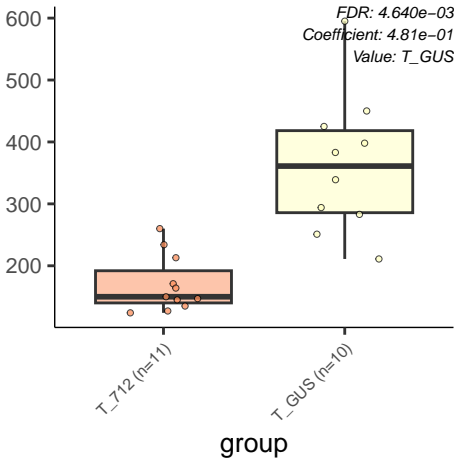
CBM23.hmm



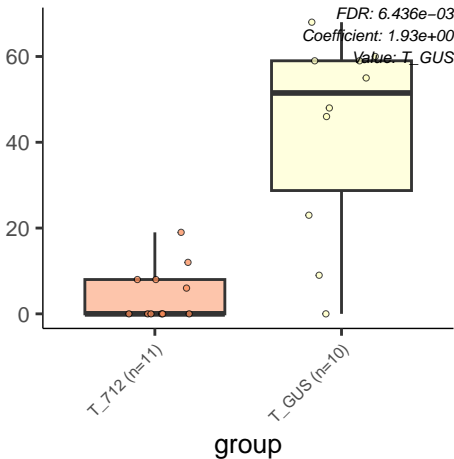
GH45.hmm

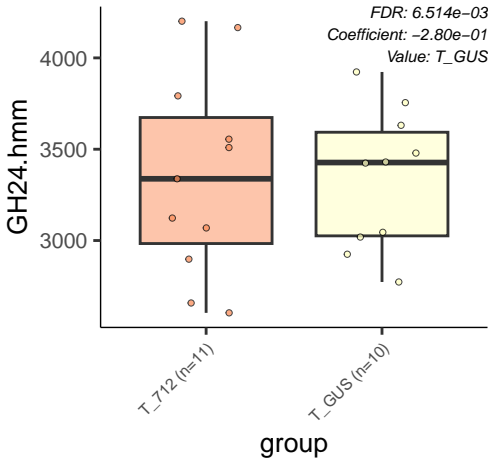


GH5_36.hmm



PL21_1.hmm





GH44.hmm

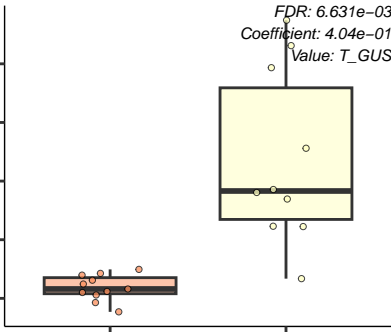
3000
2500
2000
1500
1000

T_712 (n=11)

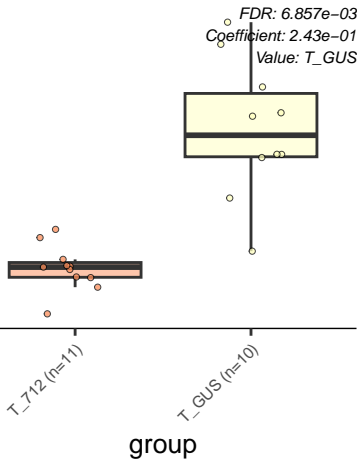
T_GUS (n=10)

group

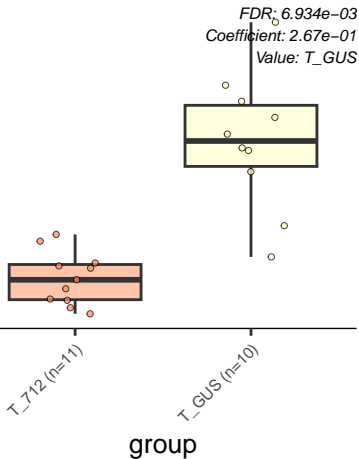
FDR: 6.631e-03
Coefficient: 4.04e-01
Value: T_GUS



GH133.hmm



GT46.hmm



GH143.hmm

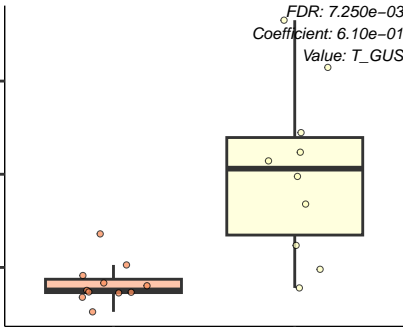
900
600
300

T_712 (n=11)

T_GUS (n=10)

group

FDR: 7.250e-03
Coefficient: 6.10e-01
Value: T_GUS



GH13_21.hmm

FDR: $8.760e-03$

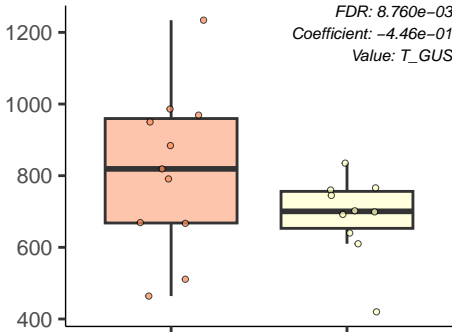
Coefficient: $-4.46e-01$

Value: T_GUS

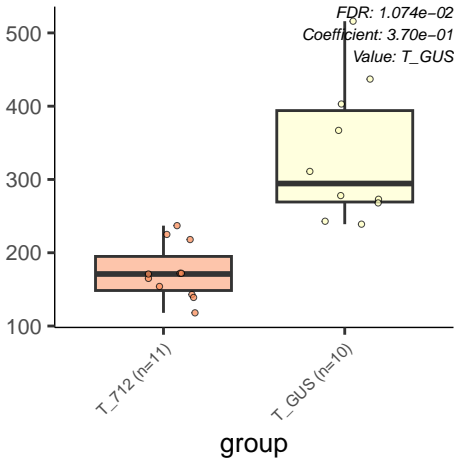
T_712 (n=11)

T_GUS (n=10)

group



CBM63.hmm



CBM61.hmm

1000

750

500

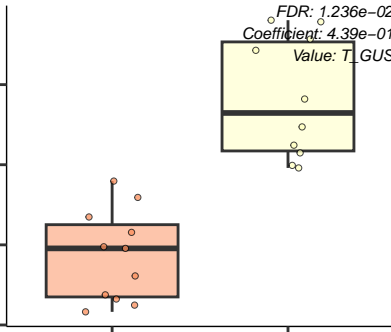
250

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.236e-02
Coefficient: 4.39e-01
Value: T_GUS



GH13_36.hmm

FDR: 1.236e-02

Coefficient: -2.55e-01

Value: T_GUS

2000

1750

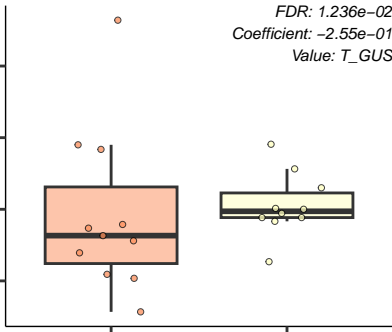
1500

1250

T_712 (n=11)

T_GUS (n=10)

group



CE12.hmm

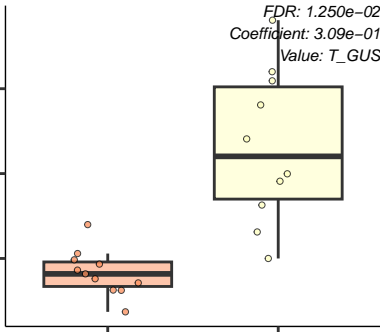
12000
9000
6000

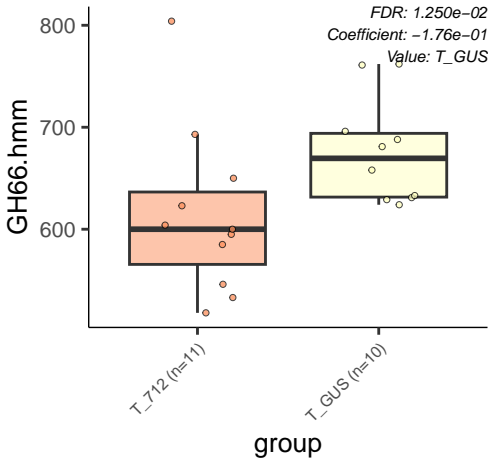
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.250e-02
Coefficient: 3.09e-01
Value: T_GUS





PL15_1.hmm

100

50

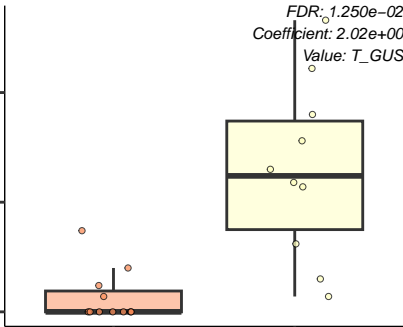
0

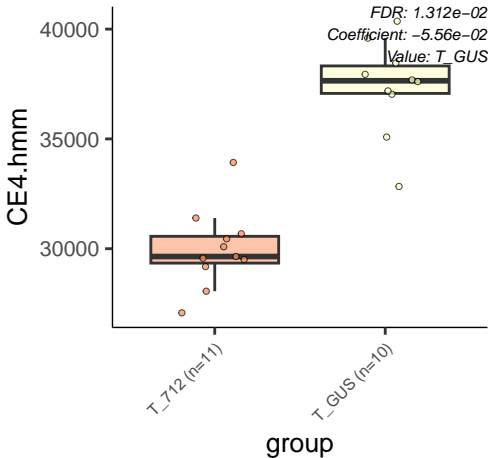
T_712 (n=11)

T_GUS (n=10)

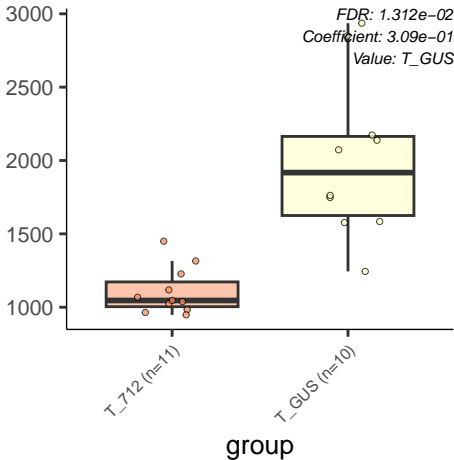
group

FDR: 1.250e-02
Coefficient: 2.02e+00
Value: T_GUS

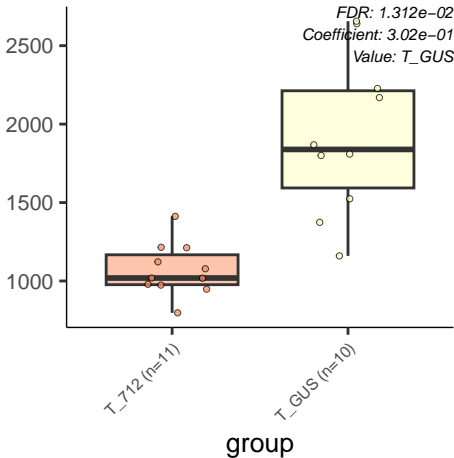




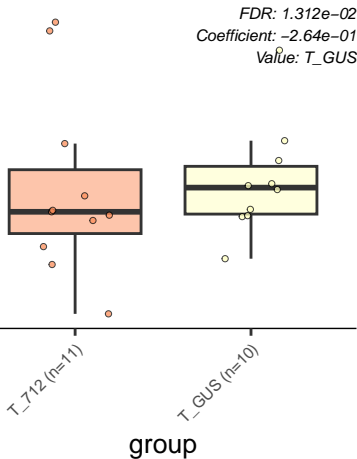
GH145.hmm



GH43_11.hmm



GH43_9.hmm



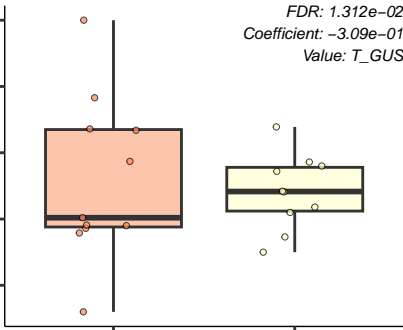
GT14.hmm

FDR: 1.312e-02
Coefficient: -3.09e-01
Value: T_GUS

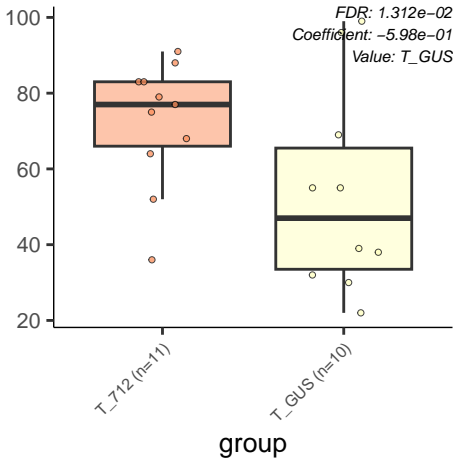
T_712 (n=11)

T_GUS (n=10)

group



GT77.hmm



GT51.hmm

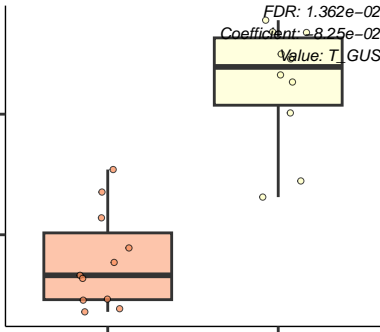
40000
35000

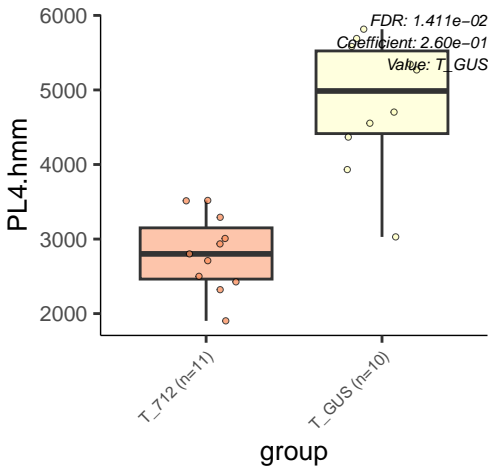
T_712 (n=11)

T_GUS (n=10)

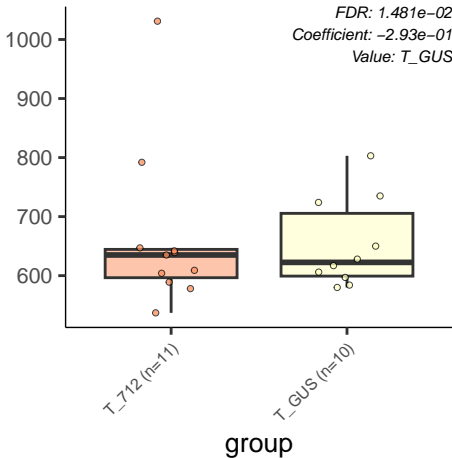
group

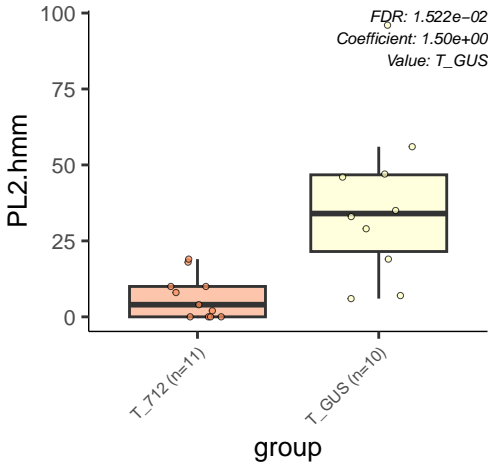
FDR: 1.362e-02
Coefficient: -8.25e-02
Value: T_GUS



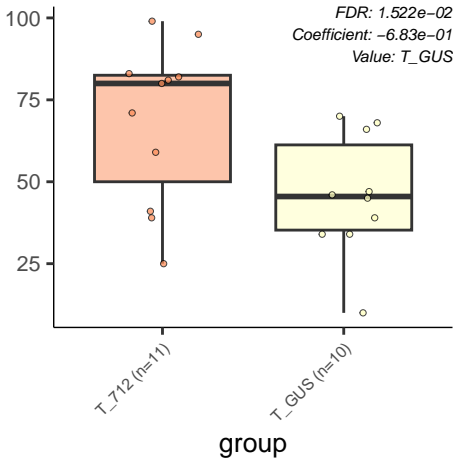


GH47.hmm





PL5_1.hmm



GH5_13.hmm

FDR: 1.555e-02

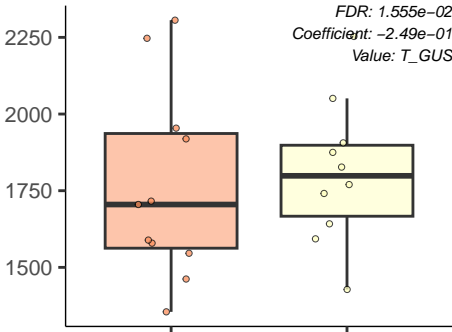
Coefficient: -2.49e-01

Value: T_GUS

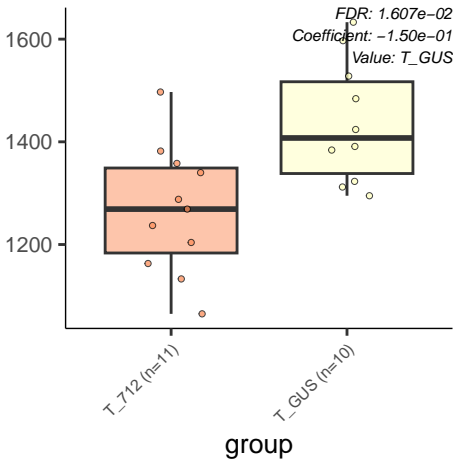
T_712 (n=11)

T_GUS (n=10)

group



GT25.hmm



GH109.hmm

70000

60000

50000

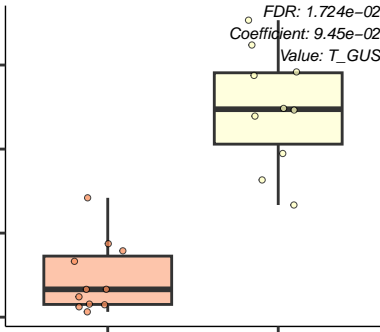
40000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.724e-02
Coefficient: 9.45e-02
Value: T_GUS



GH13_2.hmm

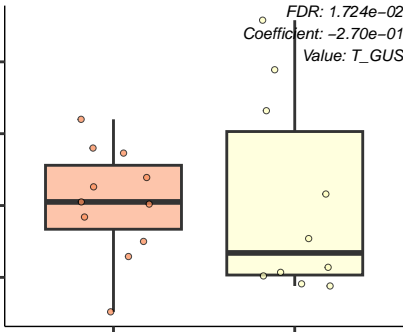
900
800
700
600

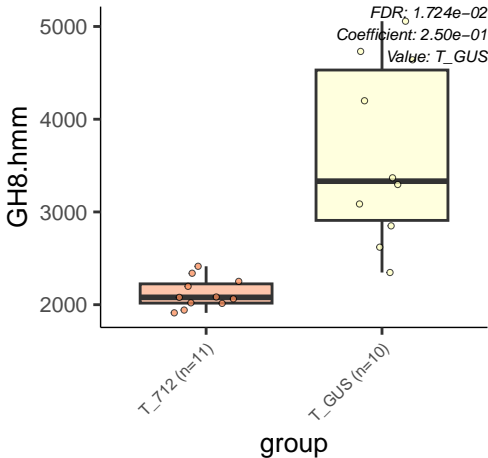
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.724e-02
Coefficient: -2.70e-01
Value: T_GUS





PL6_2.hmm

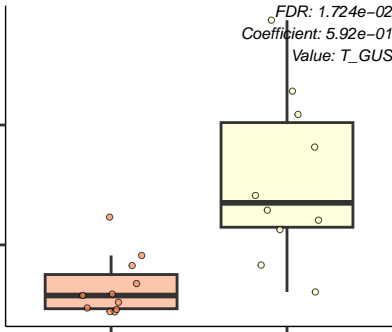
1000
500

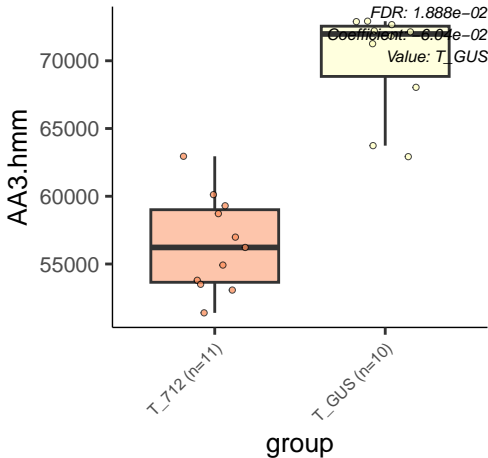
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.724e-02
Coefficient: 5.92e-01
Value: T_GUS





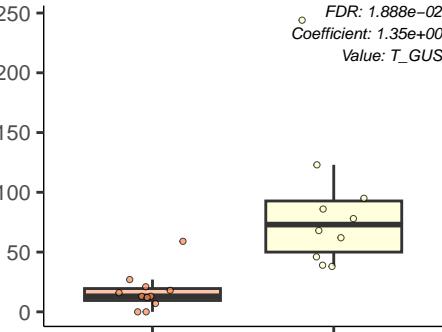
CBM59.hmm

FDR: 1.888e-02
Coefficient: 1.35e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH17.hmm

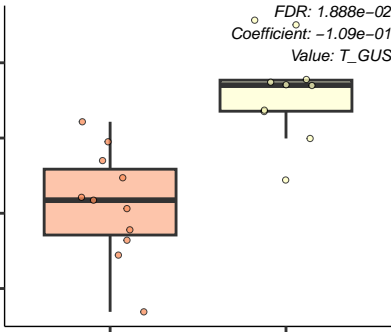
5000
4500
4000
3500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.888e-02
Coefficient: -1.09e-01
Value: T_GUS



PL7_4.hmm

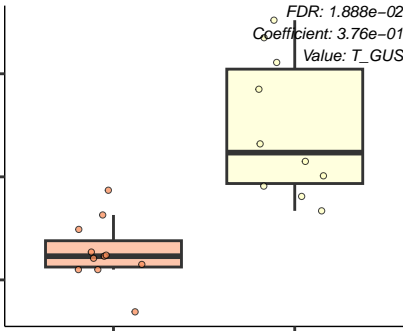
300
200
100

T_712 (n=11)

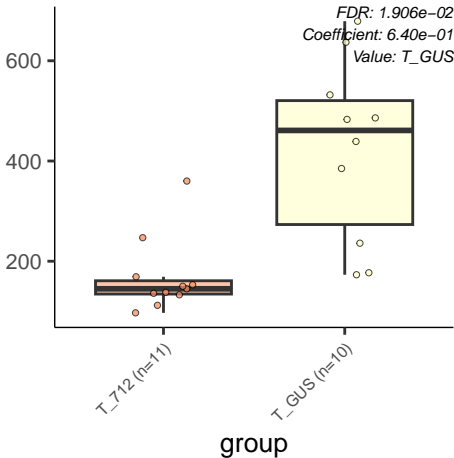
T_GUS (n=10)

group

FDR: 1.888e-02
Coefficient: 3.76e-01
Value: T_GUS



GH5_2.hmm



GT89.hmm

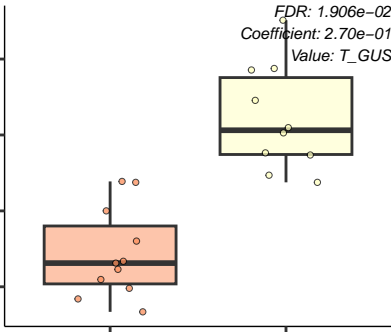
2500
2000
1500
1000

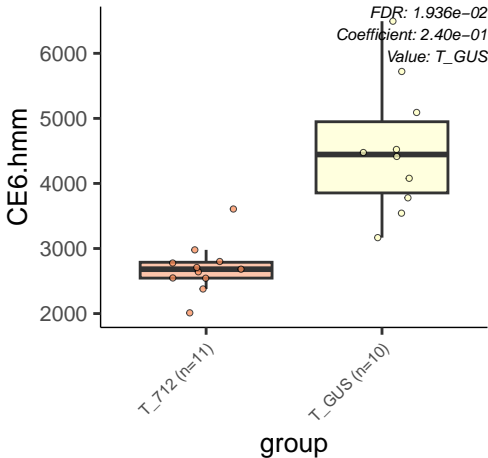
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.906e-02
Coefficient: 2.70e-01
Value: T_GUS





GH43_31.hmm

FDR: 1.936e-02

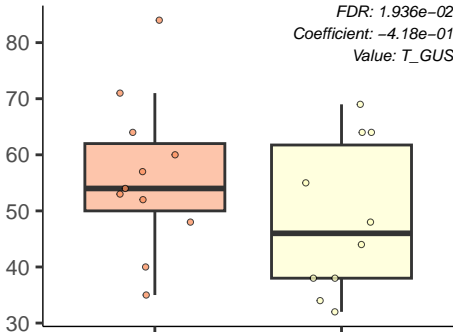
Coefficient: -4.18e-01

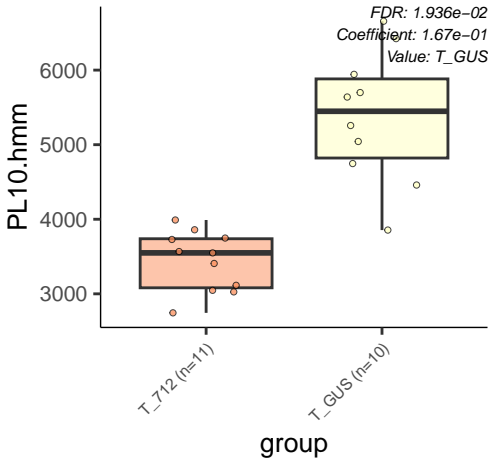
Value: T_GUS

T_712 (n=11)

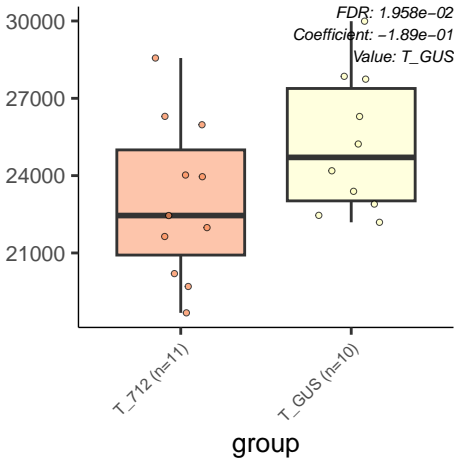
T_GUS (n=10)

group

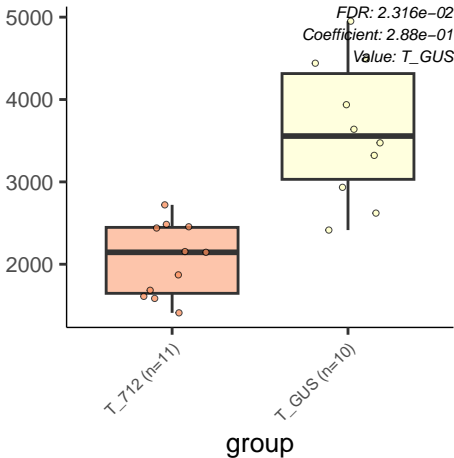


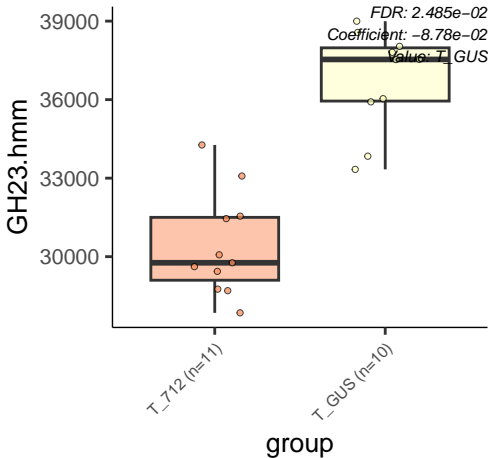


CBM50.hmm



GH140.hmm





CBM4.hmm

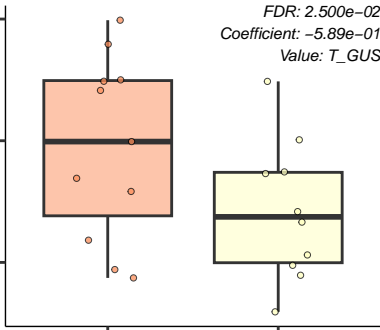
15000
10000
5000

T_712 (n=11)

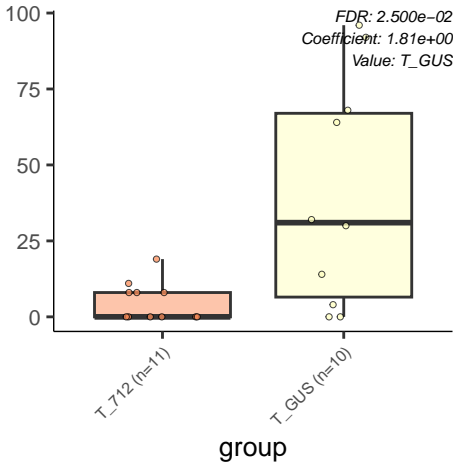
T_GUS (n=10)

group

FDR: 2.500e-02
Coefficient: -5.89e-01
Value: T_GUS



GH112.hmm



GH30.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.500e-02

Coefficient: -1.03e-01

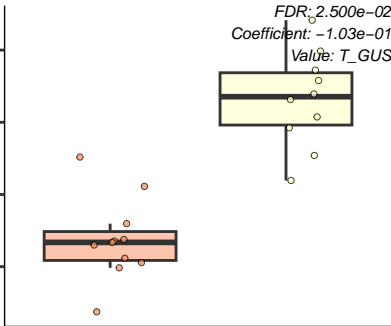
Value: T_GUS

6500

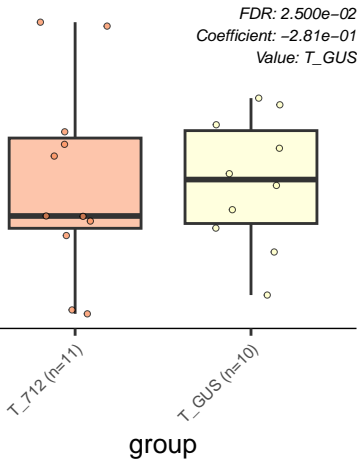
6000

5500

5000



GH43_29.hmm



GH89.hmm

FDR: 2.500e-02

Coefficient: -2.56e-01

Value: T_GUS

T_712 (n=11)

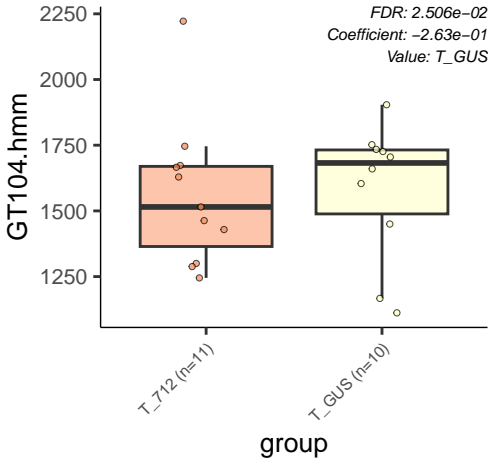
T_GUS (n=10)

group

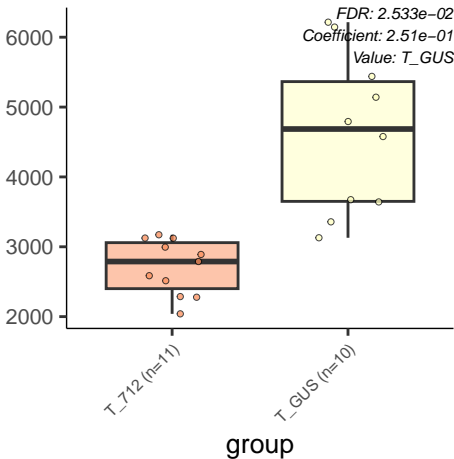
2400

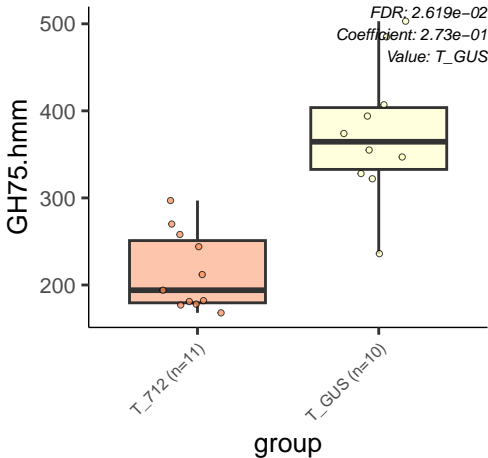
2000

1600

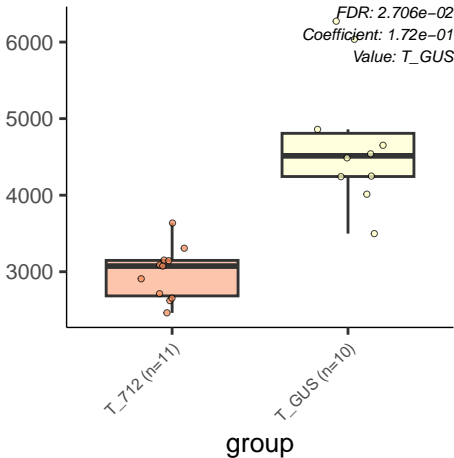


GH5.hmm

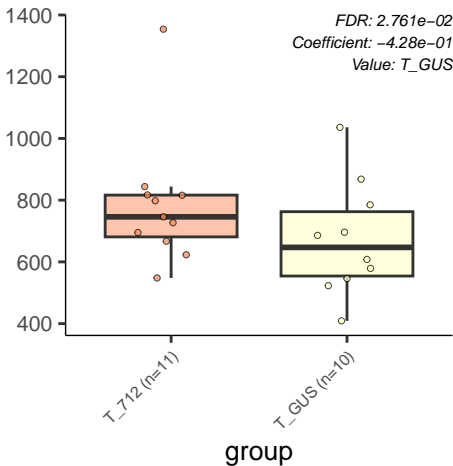


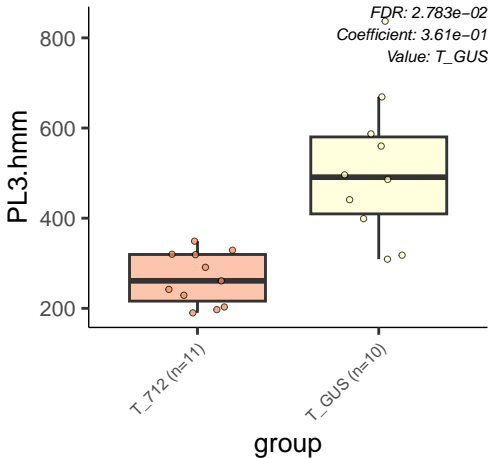


GH26.hmm

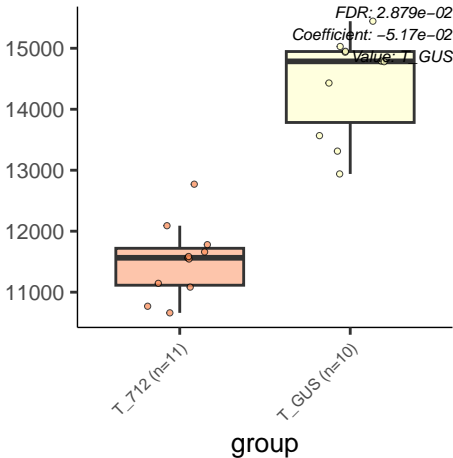


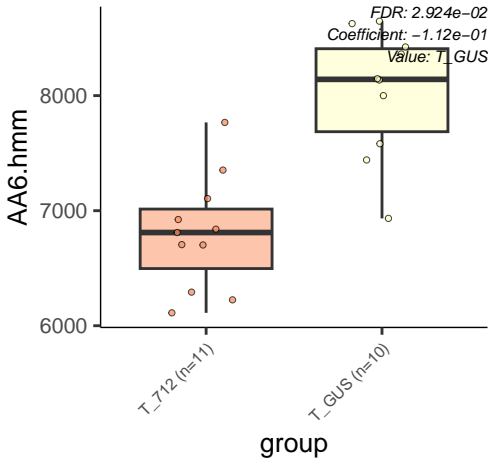
GH13_4.hmm





GT20.hmm





GH97.hmm

T_712 (n=11)

T_GUS (n=10)

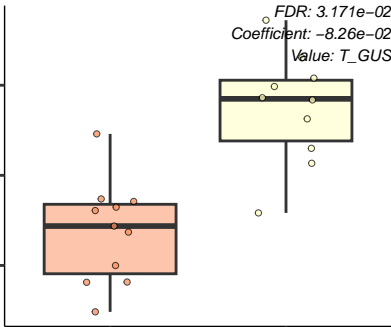
group

FDR: 3.171×10^{-2}
Coefficient: -8.26×10^{-2}
Value: T_GUS

8000

7000

6000



GH121.hmm

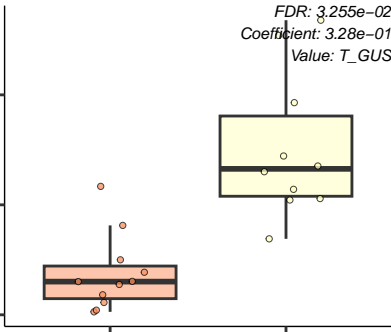
3000
2000
1000

T_712 (n=11)

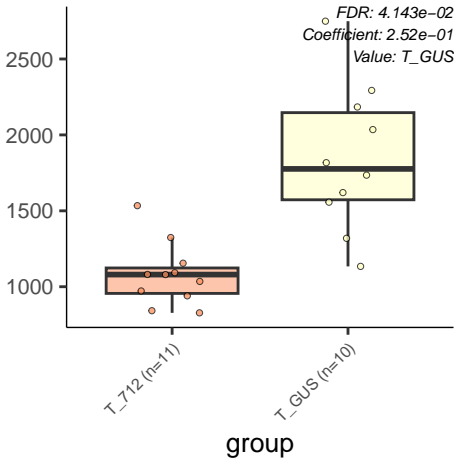
T_GUS (n=10)

group

FDR: 3.255e-02
Coefficient: 3.28e-01
Value: T_GUS



GH138.hmm



GH5_41.hmm

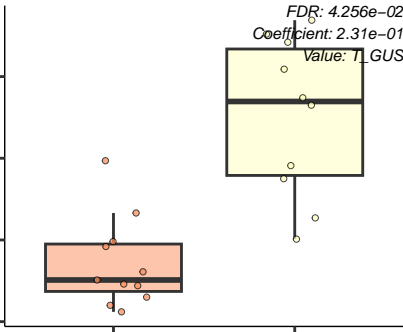
500
400
300
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 4.256e-02
Coefficient: 2.31e-01
Value: T_GUS



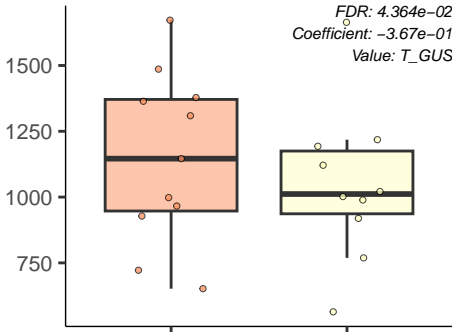
PL9_4.hmm

FDR: 4.364e-02
Coefficient: -3.67e-01
Value: T_GUS

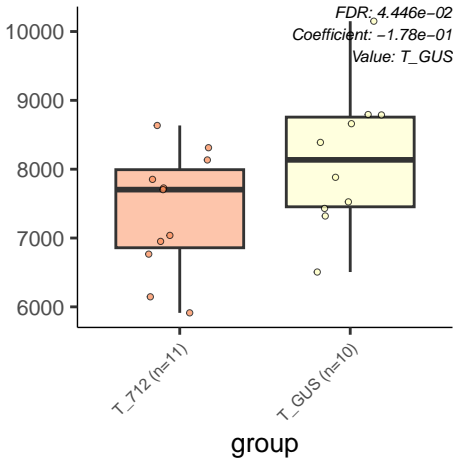
T_712 (n=11)

T_GUS (n=10)

group



GH65.hmm



GH106.hmm

20000

16000

12000

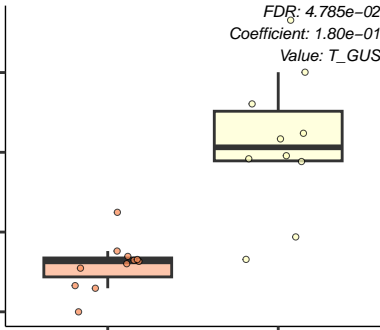
8000

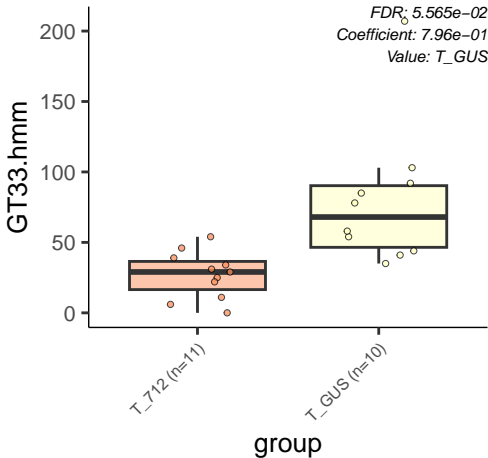
T_712 (n=11)

T_GUS (n=10)

group

FDR: 4.785e-02
Coefficient: 1.80e-01
Value: T_GUS





GH36.hmm

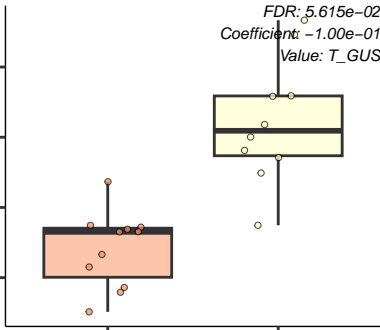
12000
11000
10000
9000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.615e-02
Coefficient: -1.00e-01
Value: T_GUS



AA2.hmm

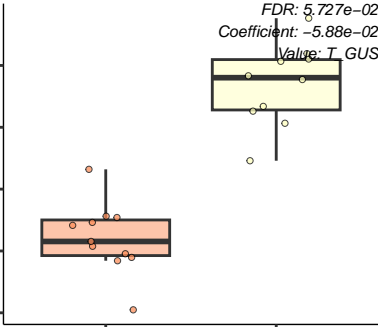
13000
12000
11000
10000
9000

T_712 (n=11)

T_GUS (n=10)

group

FDR: $5.727e-02$
Coefficient: $-5.88e-02$
Value: T_GUS



GH13_23.hmm

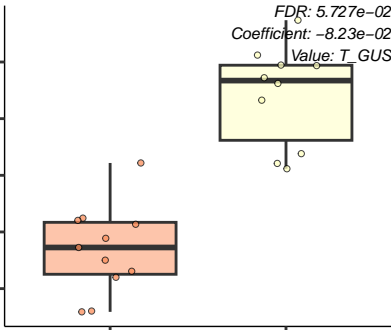
T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.727e-02
Coefficient: -8.23e-02
Value: T_GUS

8000
7500
7000
6500
6000



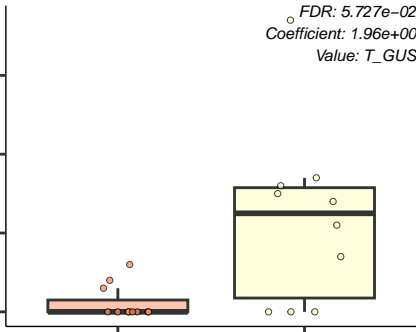
GH56.hmm

FDR: 5.727e-02
Coefficient: 1.96e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT66.hmm

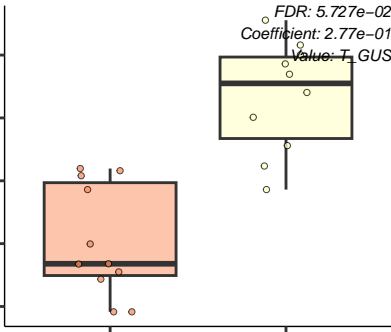
1200
1000
800
600
400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.727e-02
Coefficient: 2.77e-01
Value: T_GUS



PL1_7.hmm

100

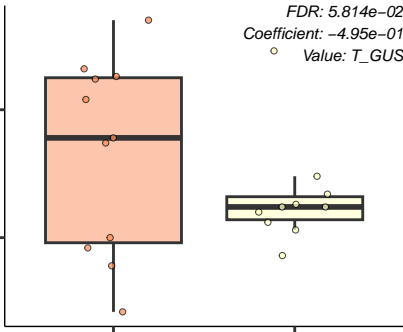
50

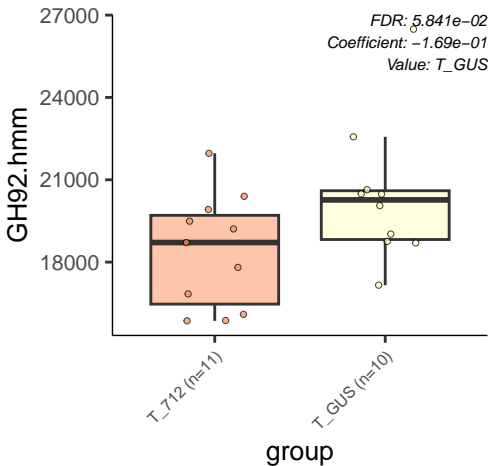
T_712 (n=11)

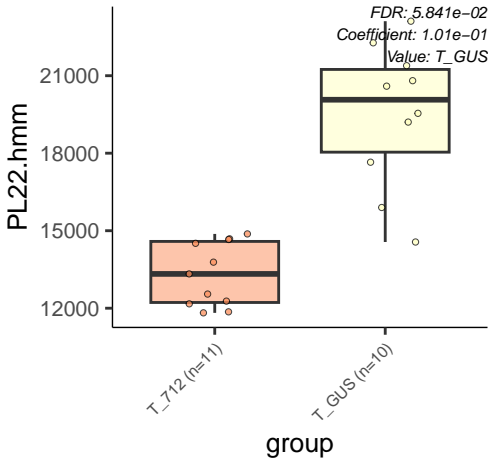
T_GUS (n=10)

group

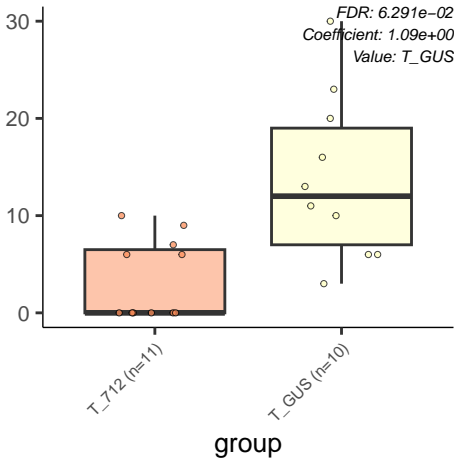
FDR: 5.814e-02
Coefficient: -4.95e-01
Value: T_GUS







PL17_2.hmm



PL1_2.hmm

5000

4000

3000

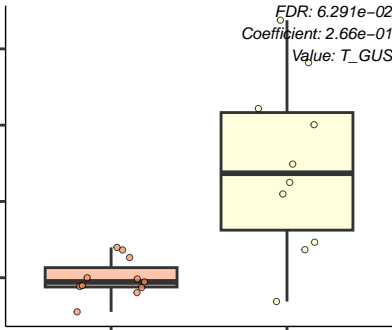
2000

T_712 (n=11)

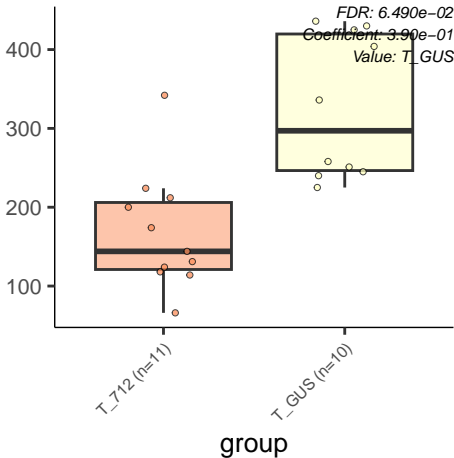
T_GUS (n=10)

group

FDR: 6.291e-02
Coefficient: 2.66e-01
Value: T_GUS



GH43_8.hmm



GH3.hmm

50000

45000

40000

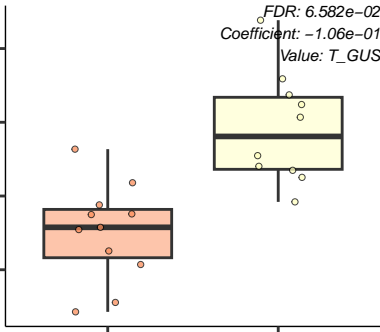
35000

T_712 (n=11)

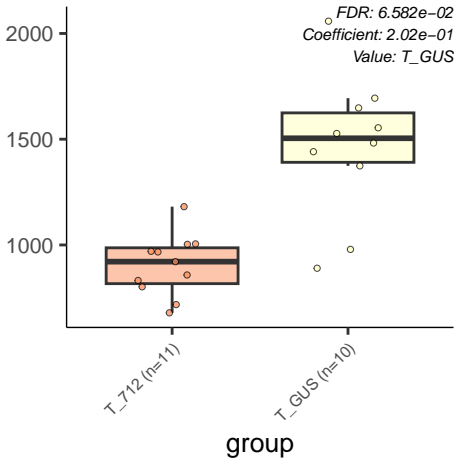
T_GUS (n=10)

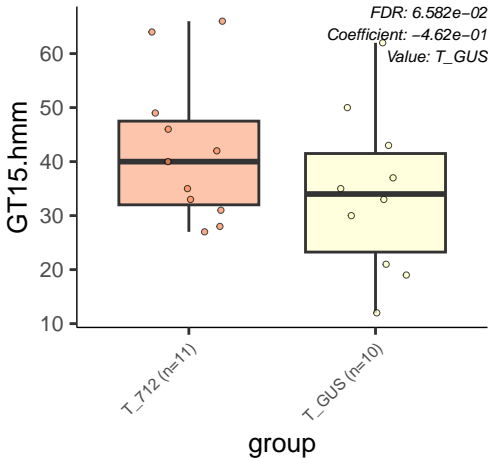
group

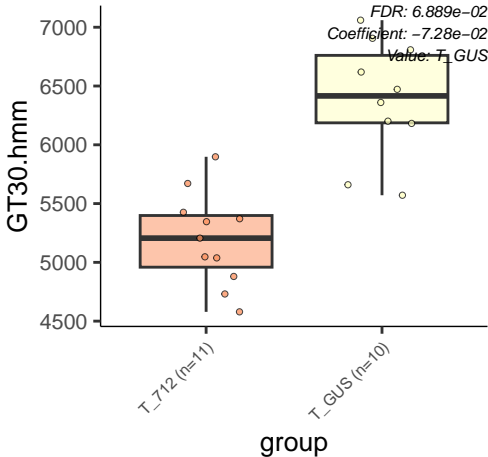
FDR: 6.582e-02
Coefficient: -1.06e-01
Value: T_GUS



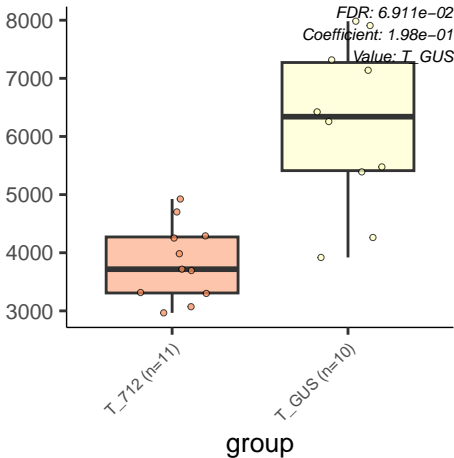
GH43_18.hmm

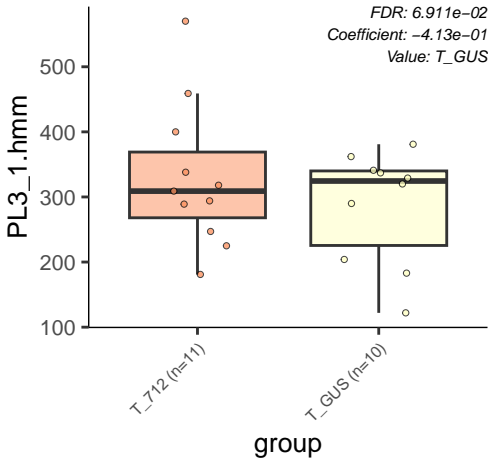






CBM9.hmm





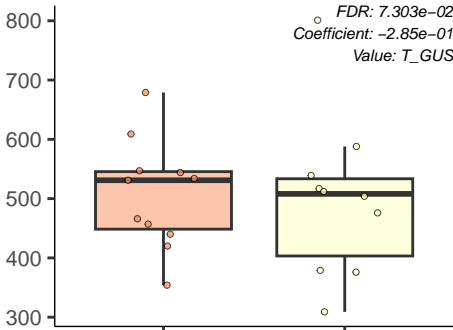
GH135.hmm

FDR: $7.303e-02$
Coefficient: $-2.85e-01$
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH31.hmm

20000

18000

16000

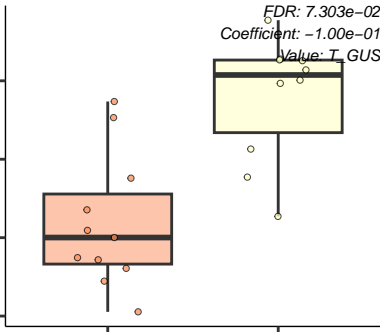
14000

T_712 (n=11)

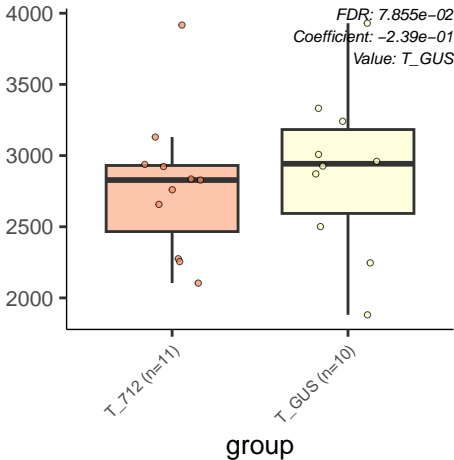
T_GUS (n=10)

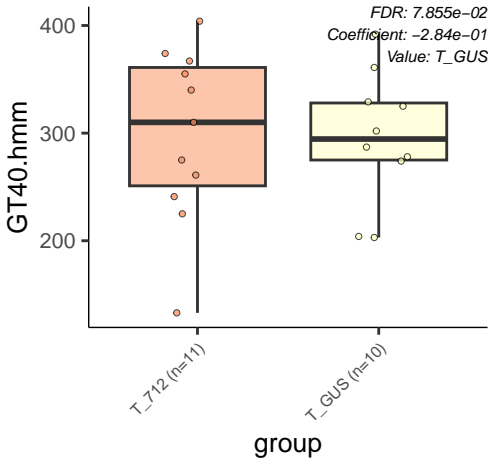
group

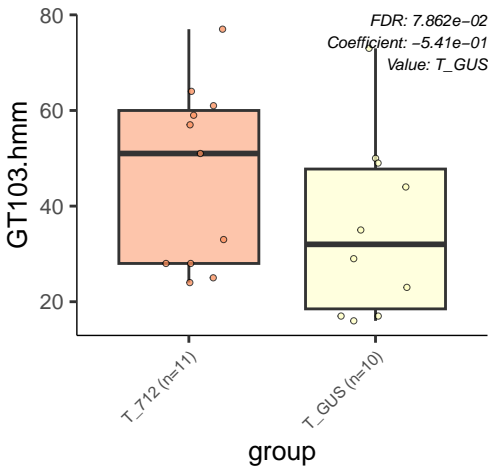
FDR: $7.303e-02$
Coefficient: $-1.00e-01$
Value: T_GUS



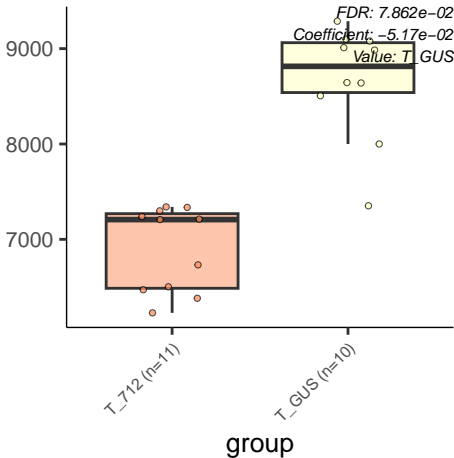
GH13_13.hmm



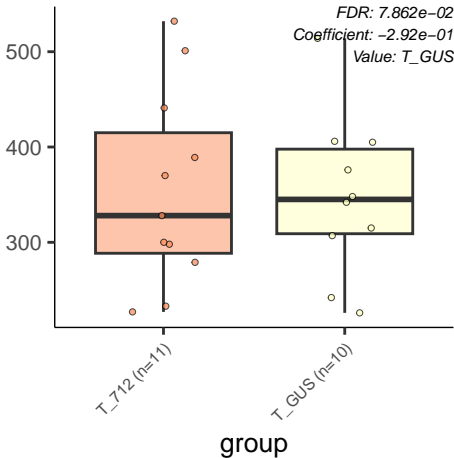




GT19.hmm



PL9_3.hmm



GH30_2.hmm

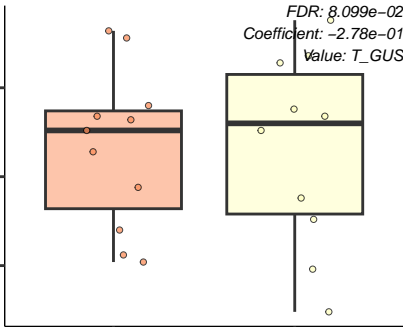
T_712 (n=11)

T_GUS (n=10)

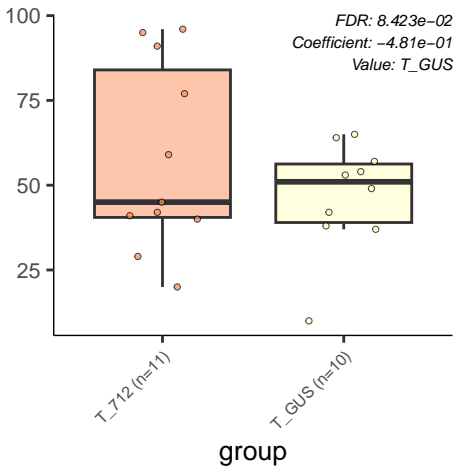
group

FDR: $8.099\text{e-}02$
Coefficient: $-2.78\text{e-}01$
Value: T_GUS

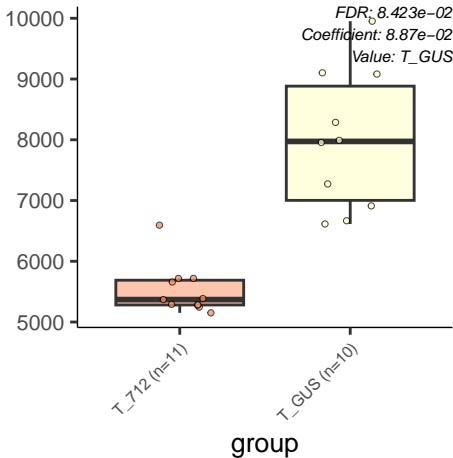
125
100
75

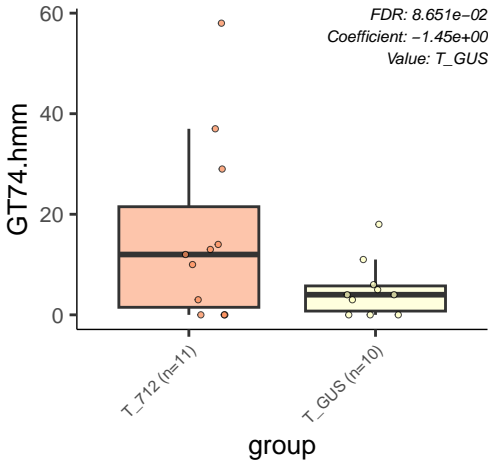


GT56.hmm



PL9.hmm





GH51.hmm

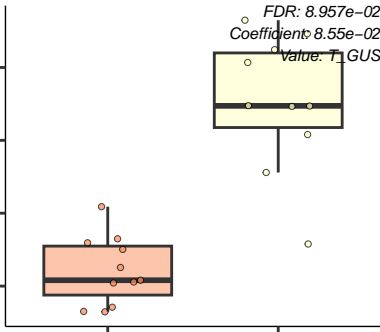
16000
14000
12000
10000

T_712 (n=11)

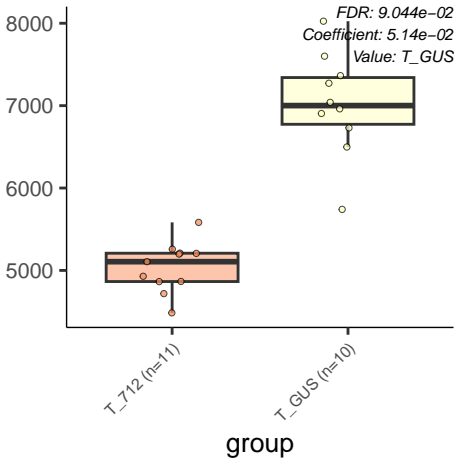
T_GUS (n=10)

group

FDR: 8.957e-02
Coefficient: 8.55e-02
Value: T_GUS



GH141.hmm



GT94.hmm

1000

750

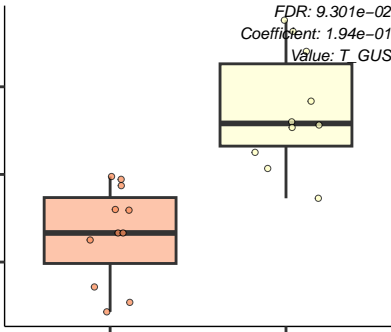
500

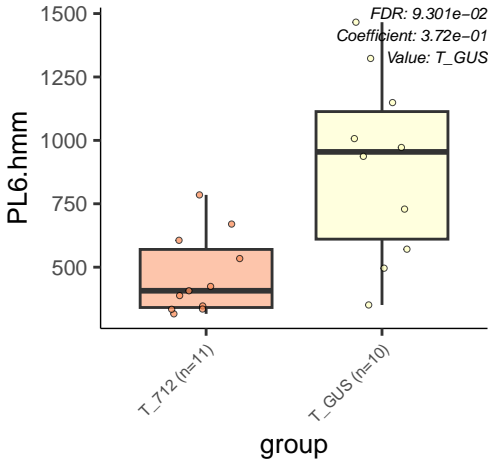
T_712 (n=11)

T_GUS (n=10)

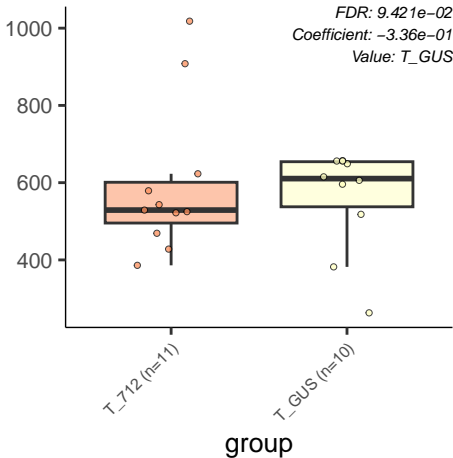
group

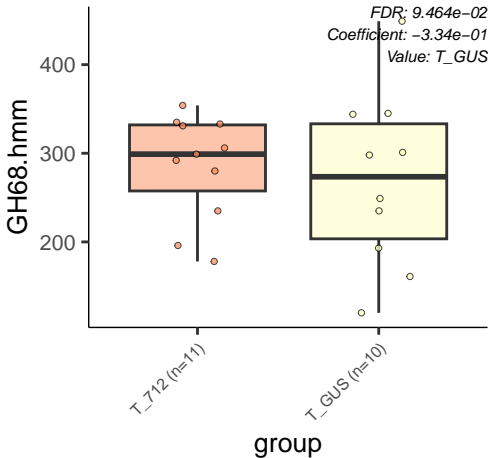
FDR: 9.301e-02
Coefficient: 1.94e-01
Value: T_GUS



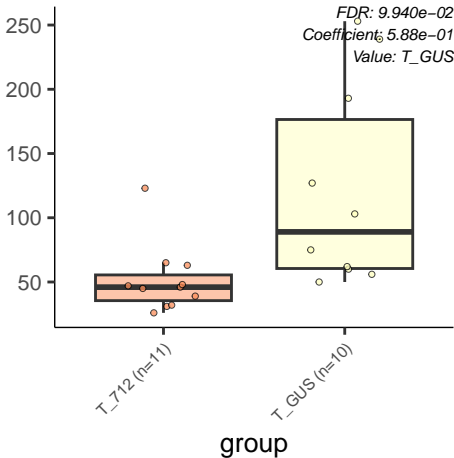


GH13_19.hmm





PL17_1.hmm



GH30_4.hmm

FDR: 1.016e-01
Coefficient: -1.90e-01
Value: T_GUS

400

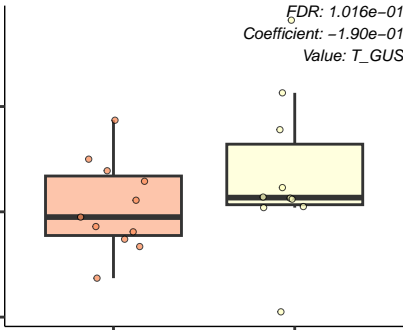
300

200

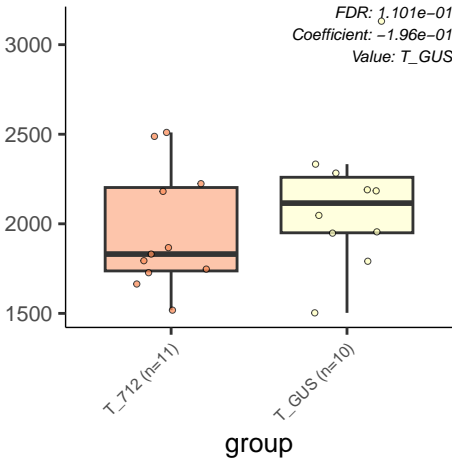
T_712 (n=11)

T_GUS (n=10)

group



CBM5.hmm



GH114.hmm

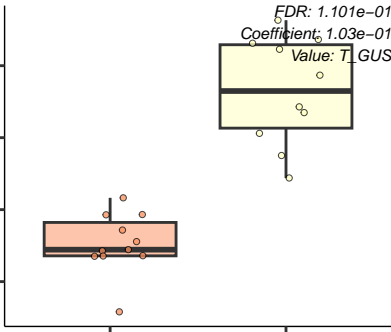
1750
1500
1250
1000

T_712 (n=11)

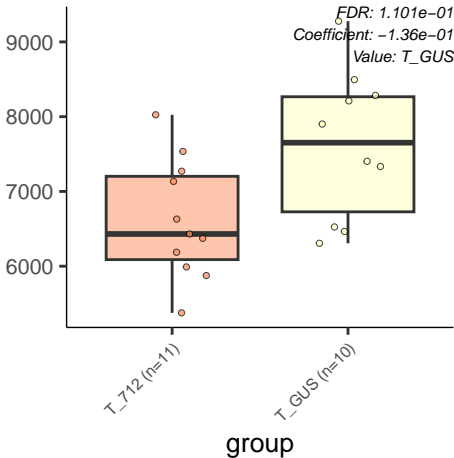
T_GUS (n=10)

group

FDR: 1.101e-01
Coefficient: 1.03e-01
Value: T_GUS



GH13.hmm



GH43_37.hmm

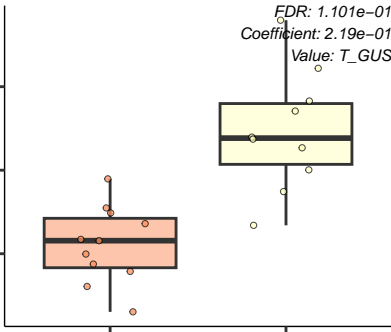
1000
750
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.101e-01
Coefficient: 2.19e-01
Value: T_GUS



GH5_17.hmm

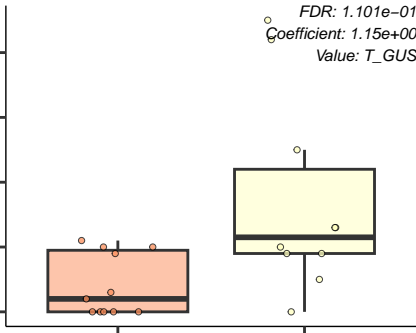
40
30
20
10
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.101e-01
Coefficient: 1.15e+00
Value: T_GUS



GH13_6.hmm

FDR: 1.164e-01

Coefficient: -3.46e-01

Value: T_GUS

800

600

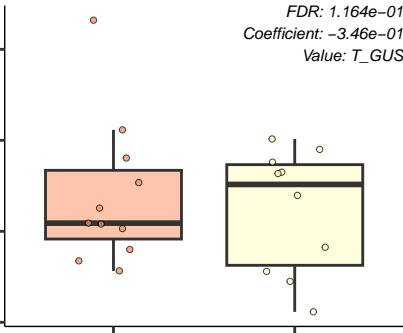
400

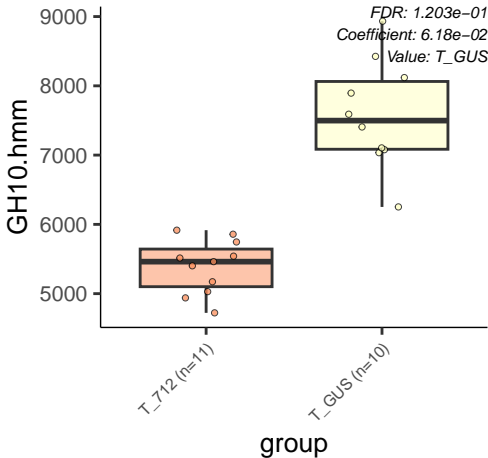
200

T_712 (n=11)

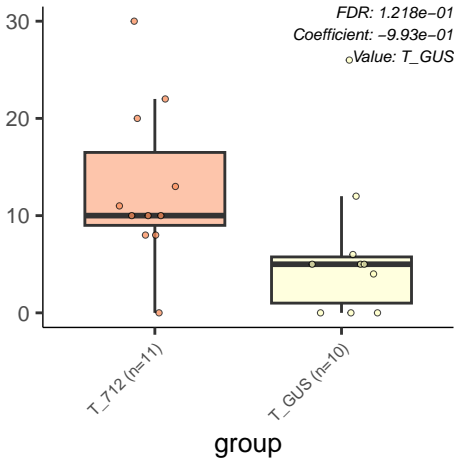
T_GUS (n=10)

group





PL7_2.hmm



AA5_1.hmm

100

50

0

T_712 (n=11)

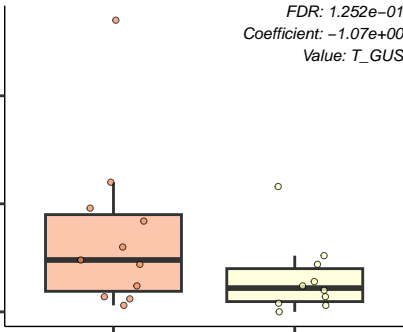
T_GUS (n=10)

group

FDR: 1.252e-01

Coefficient: -1.07e+00

Value: T_GUS



GH49.hmm

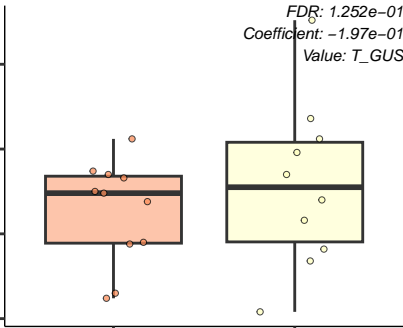
300
250
200
150

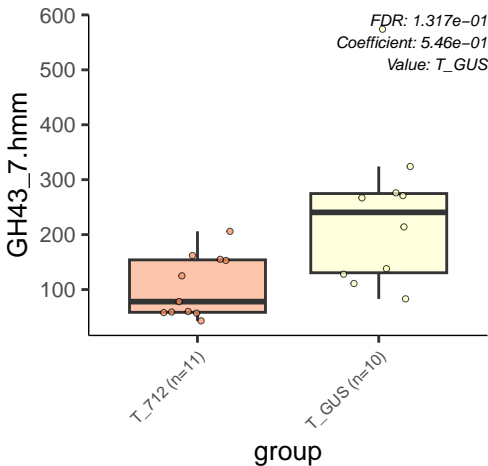
T_712 (n=11)

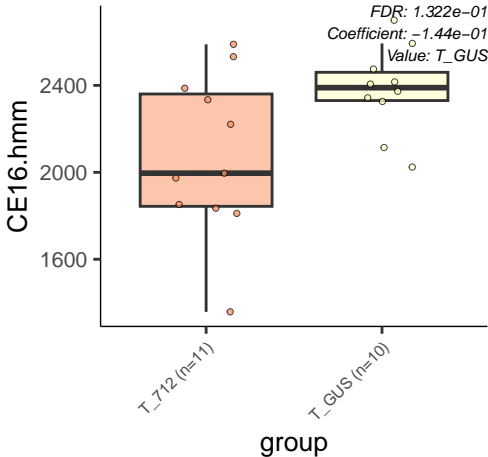
T_GUS (n=10)

group

FDR: 1.252e-01
Coefficient: -1.97e-01
Value: T_GUS







GT2_Cellulose_synt.hmm

FDR: 1.322e-01

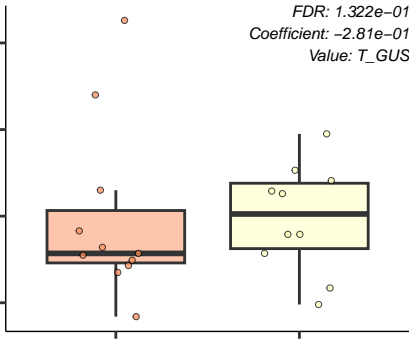
Coefficient: -2.81e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT41.hmm

200000

175000

150000

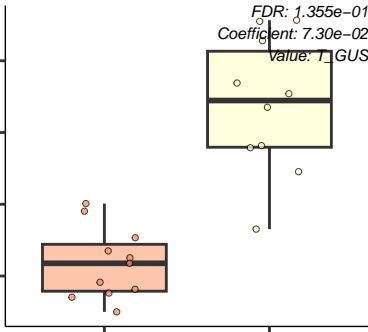
125000

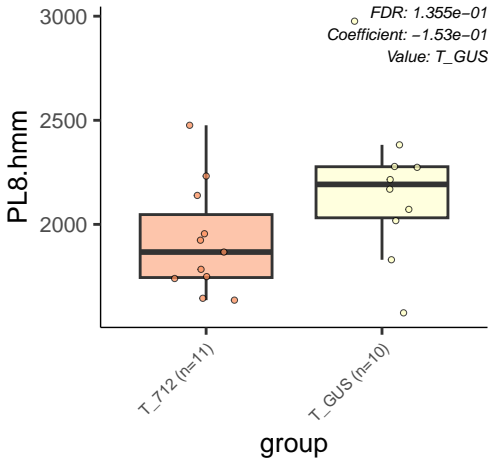
T_712 (n=11)

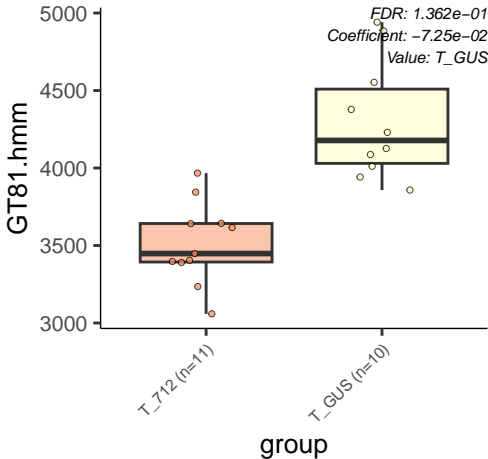
T_GUS (n=10)

group

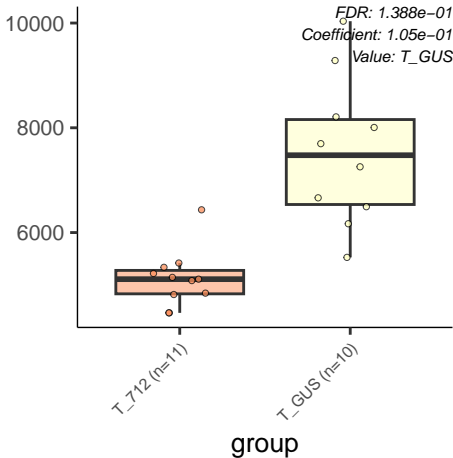
FDR: 1.355e-01
Coefficient: 7.30e-02
value: T_GUS



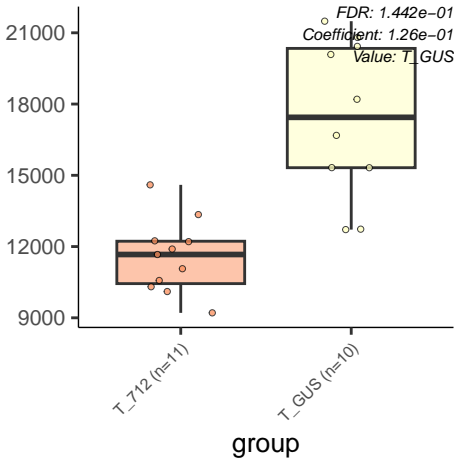




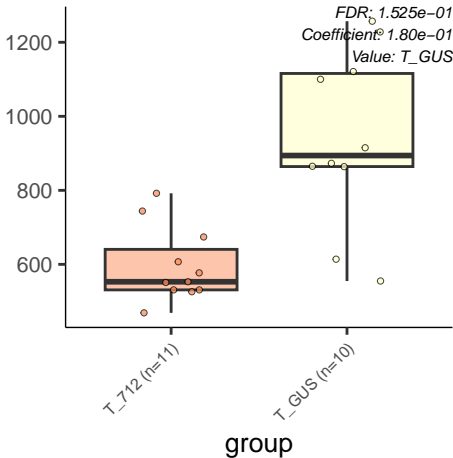
GH9.hmm



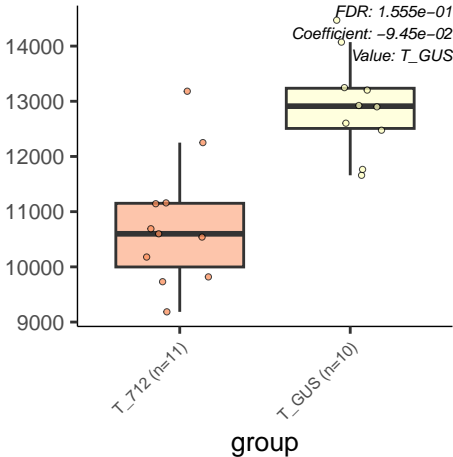
GH28.hmm



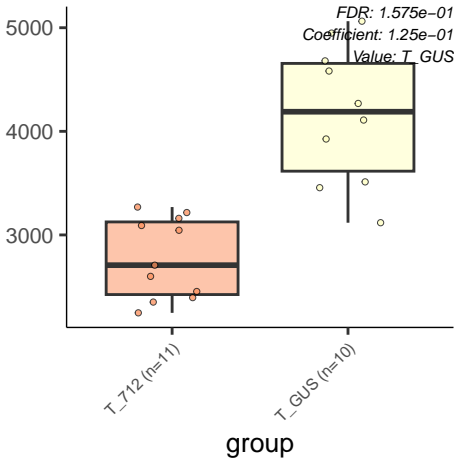
GH117.hmm



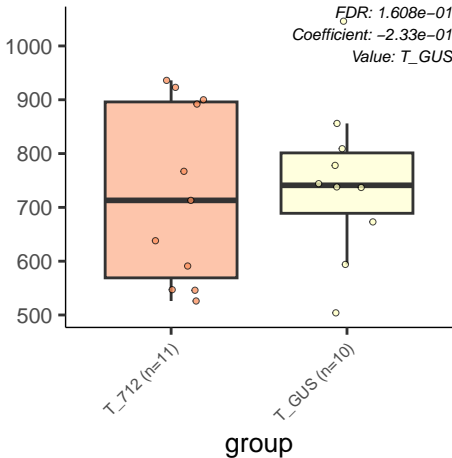
GH35.hmm



GH53.hmm



GH104.hmm



GH13_22.hmm

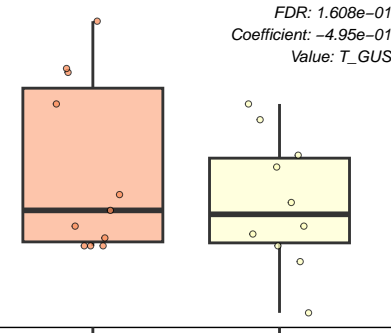
80
60
40
20

T_712 (n=11)

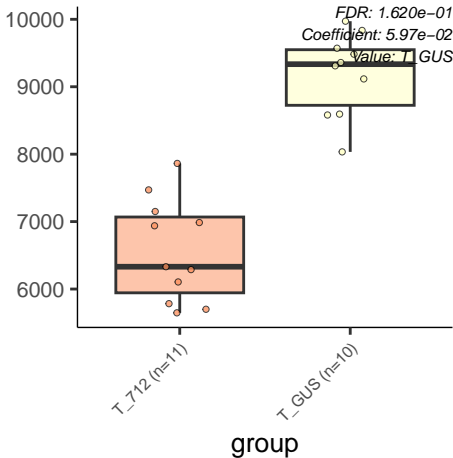
T_GUS (n=10)

group

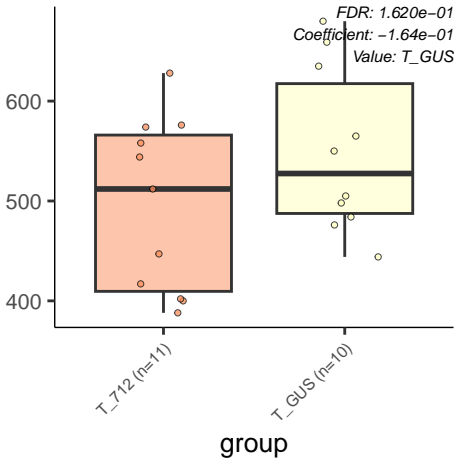
FDR: 1.608e-01
Coefficient: -4.95e-01
Value: T_GUS



GH13_10.hmm



GH30_5.hmm



GH5_15.hmm

FDR: 1.620e-01

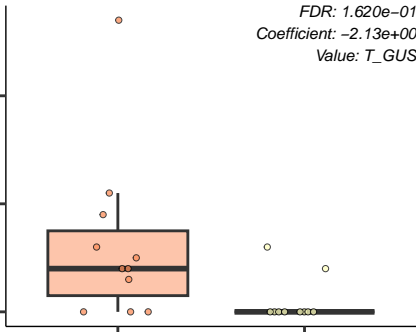
Coefficient: -2.13e+00

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT29.hmm

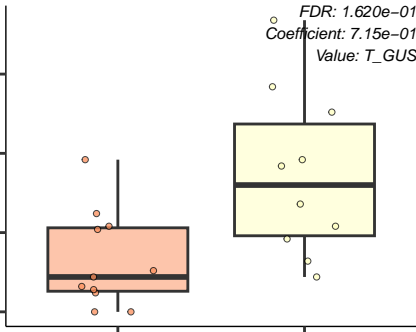
75
50
25
0

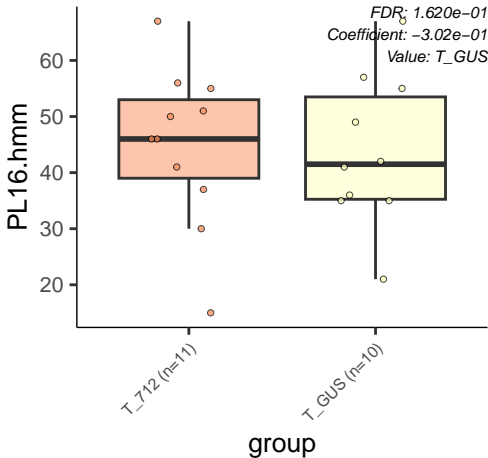
T_712 (n=11)

T_GUS (n=10)

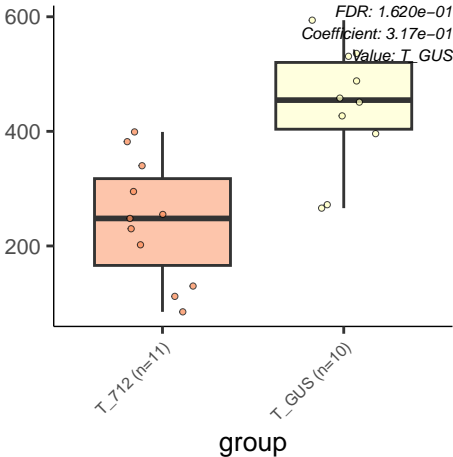
group

FDR: 1.620e-01
Coefficient: 7.15e-01
Value: T_GUS

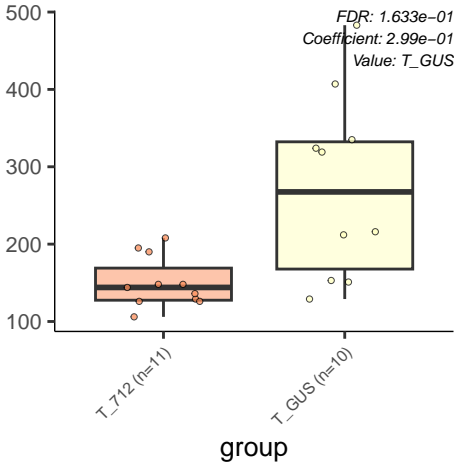


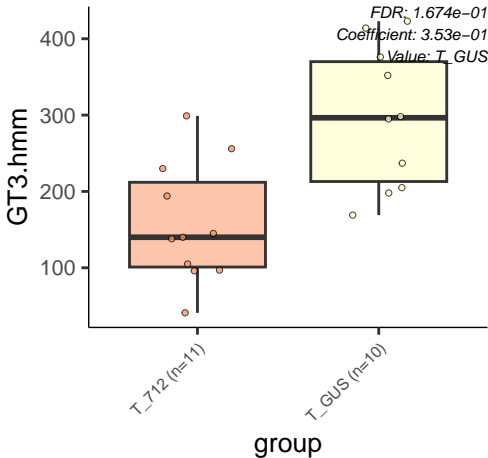


dockerin.hmm



GH43_23.hmm





GT75.hmm

FDR: 1.699e-01

Coefficient: -2.19e-01

Value: T_GUS

250

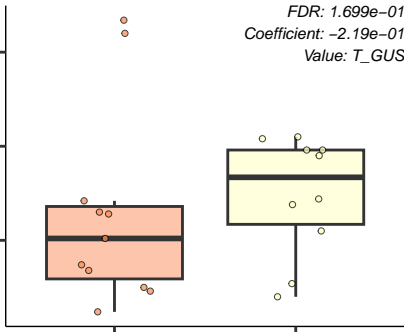
200

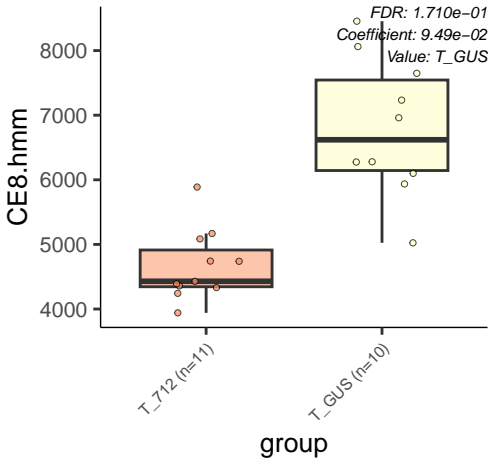
150

T_712 (n=11)

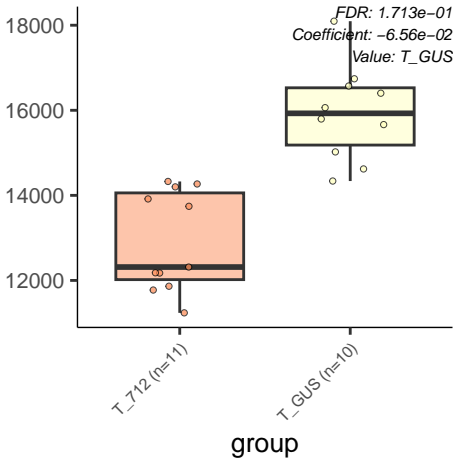
T_GUS (n=10)

group

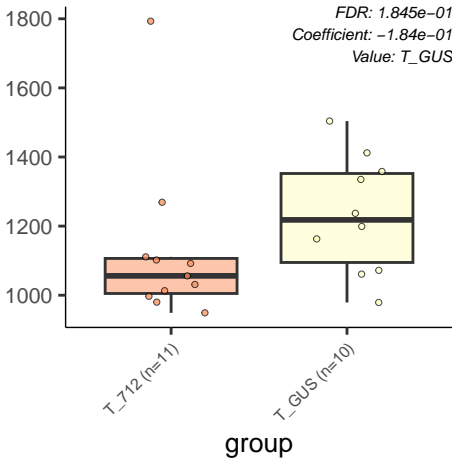




GH103.hmm



GH43_3.hmm



GH13_40.hmm

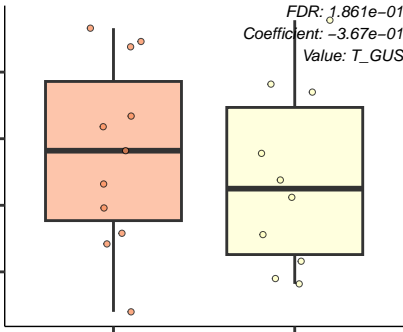
250
200
150
100

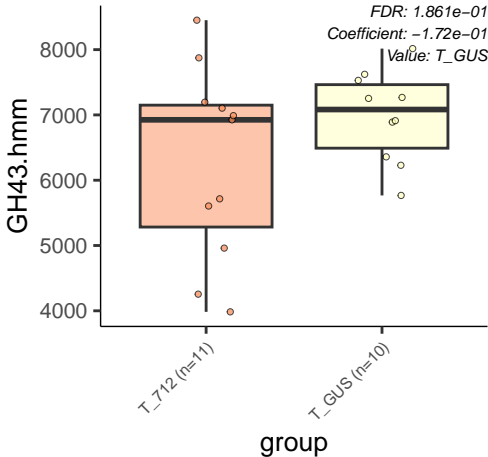
T_712 (n=11)

T_GUS (n=10)

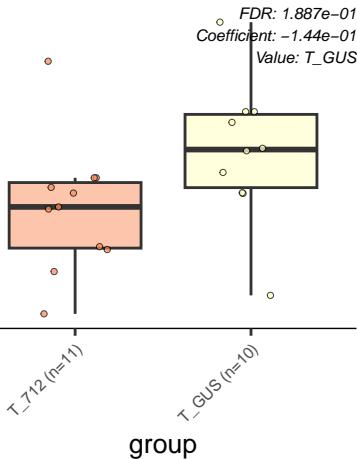
group

FDR: $1.861e-01$
Coefficient: $-3.67e-01$
Value: T_GUS





GH120.hmm



CE11.hmm

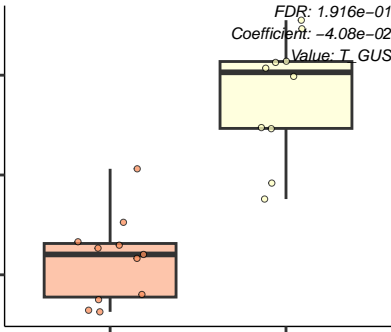
8000
7000
6000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.916e-01
Coefficient: -4.08e-02
Value: T_GUS



GH13_1.hmm

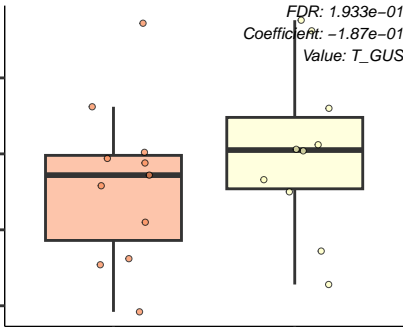
300
250
200
150

T_712 (n=11)

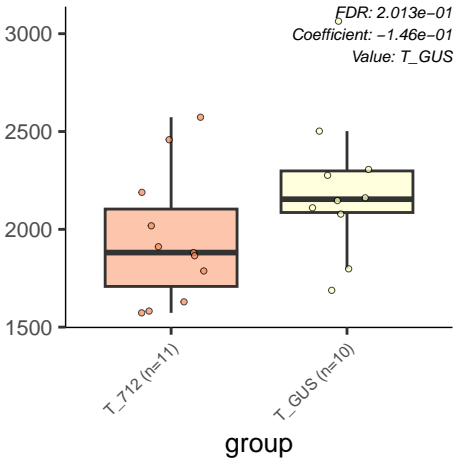
T_GUS (n=10)

group

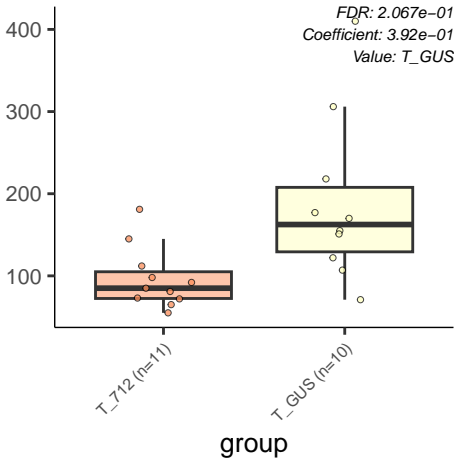
FDR: 1.933e-01
Coefficient: -1.87e-01
Value: T_GUS



GH93.hmm



PL4_2.hmm



GT13.hmm

300

200

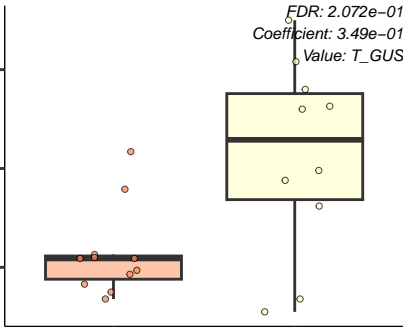
100

T_712 (n=11)

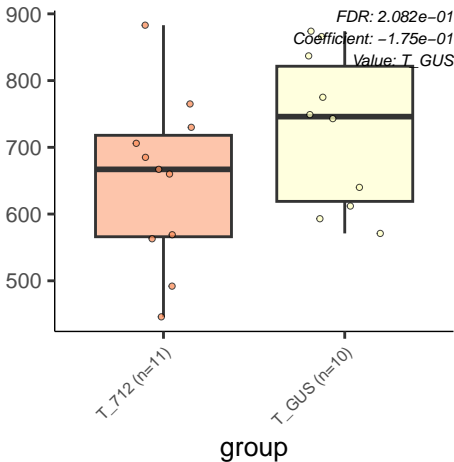
T_GUS (n=10)

group

FDR: 2.072e-01
Coefficient: 3.49e-01
Value: T_GUS



CBM12.hmm



GH5_28.hmm

FDR: 2.082e-01

Coefficient: -2.86e-01

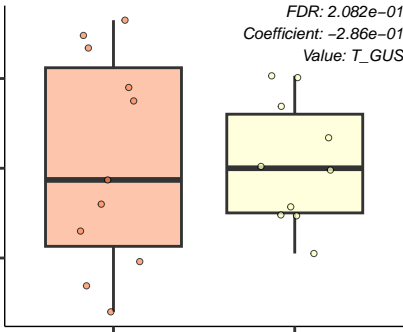
Value: T_GUS

T_712 (n=11)

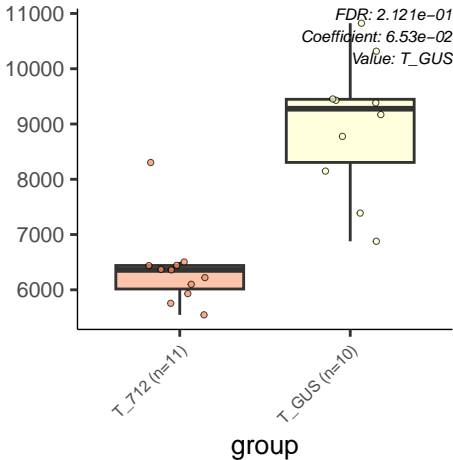
T_GUS (n=10)

group

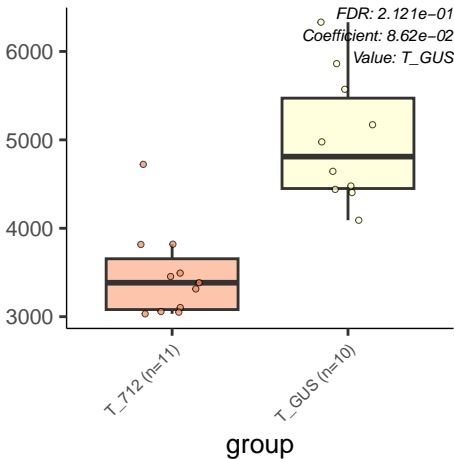
400
300
200

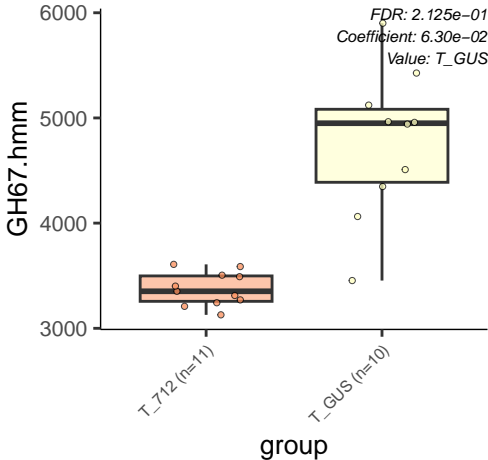


CBM66.hmm

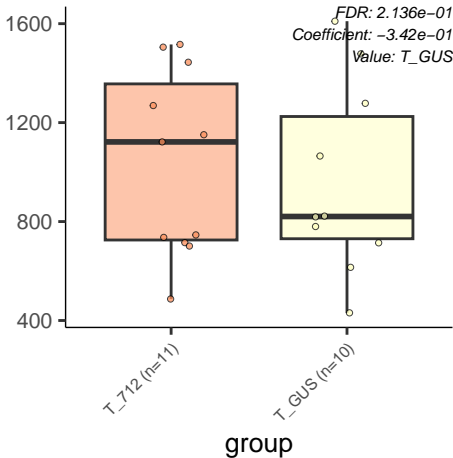


CBM35.hmm





CBM62.hmm



GH123.hmm

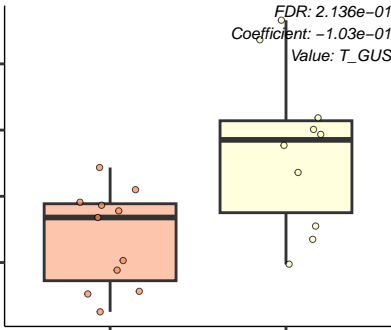
2000
1800
1600
1400

T_712 (n=11)

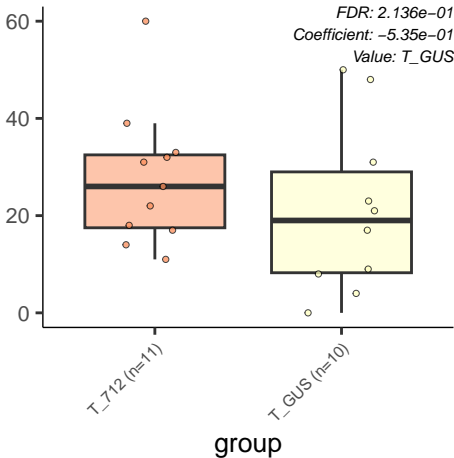
T_GUS (n=10)

group

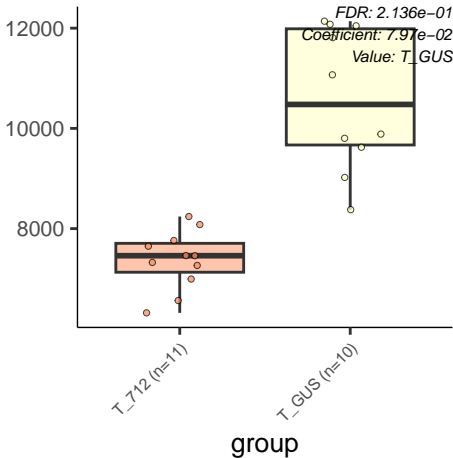
FDR: 2.136e-01
Coefficient: -1.03e-01
Value: T_GUS



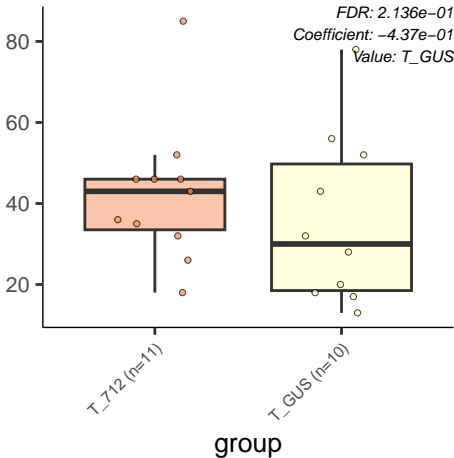
GH13_14.hmm



GH16.hmm



GH72.hmm



CBM6.hmm

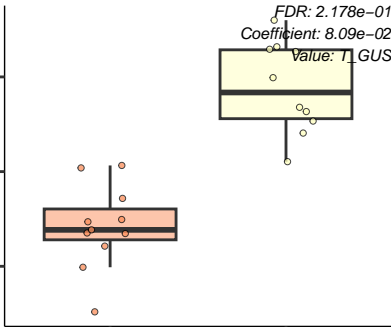
T_712 (n=11)

T_GUS (n=10)

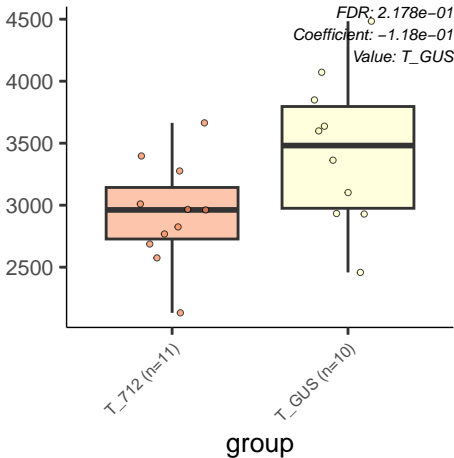
group

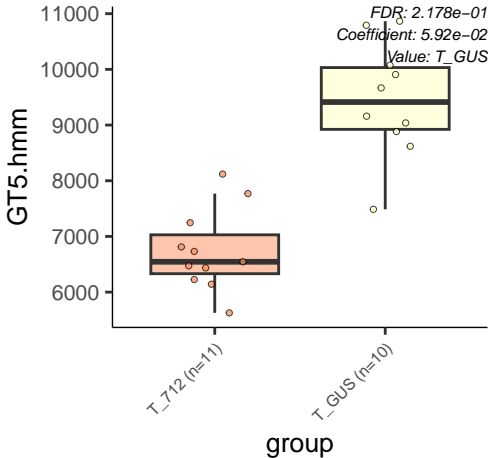
FDR: 2.178e-01
Coefficient: 8.09e-02
Value: T_GUS

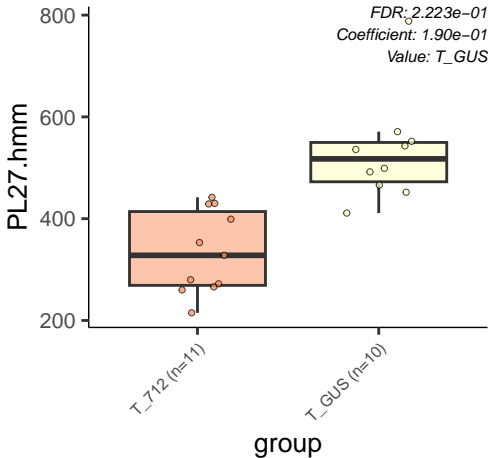
5000
4000
3000

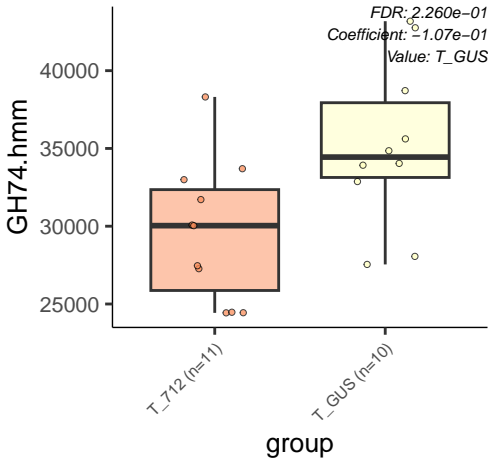


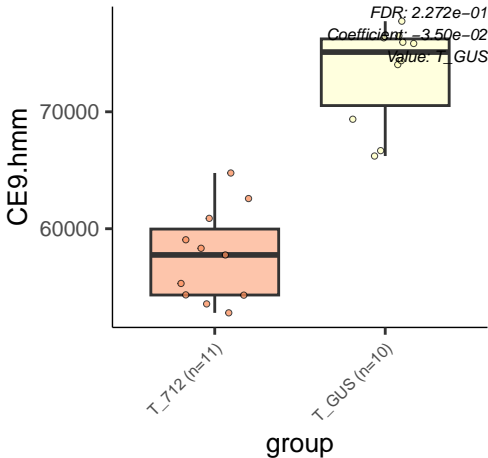
GH73.hmm











GH130.hmm

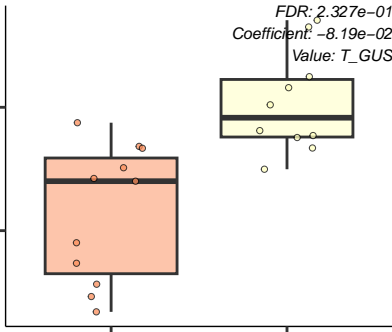
5000
4000

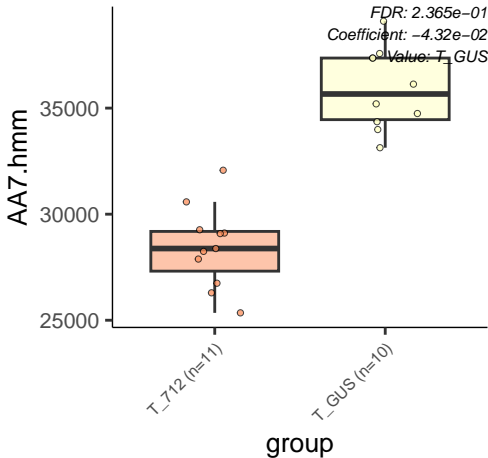
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.327e-01
Coefficient: -8.19e-02
Value: T_GUS





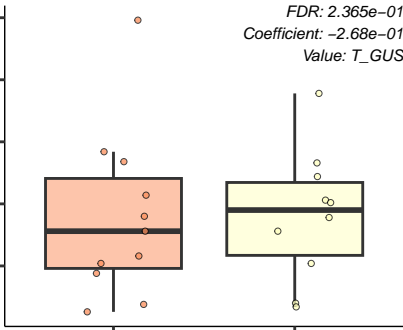
GH5_27.hmm

FDR: 2.365e-01
Coefficient: -2.68e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH86.hmm

FDR: 2.365e-01

Coefficient: -3.01e+00

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

30

20

10

0

PL14_5.hmm

FDR: 2.367e-01

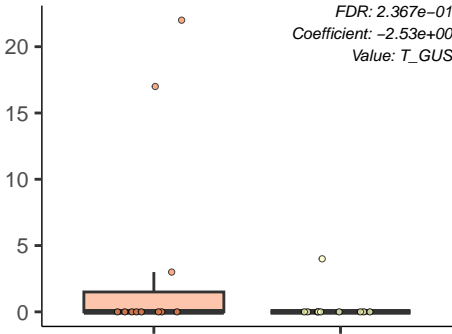
Coefficient: -2.53e+00

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



PL7.hmm

100

80

60

40

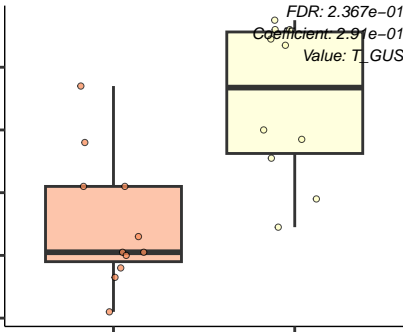
20

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.367e-01
Coefficient: 2.91e-01
Value: T_GUS



GH12.hmm

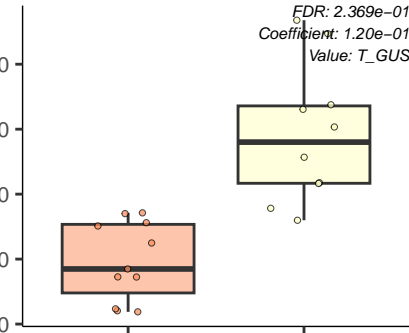
3500
3000
2500
2000
1500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.369e-01
Coefficient: 1.20e-01
Value: T_GUS



GH1.hmm

20000

18000

16000

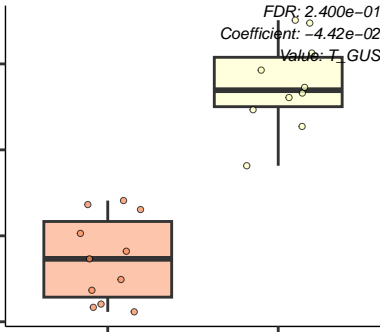
14000

T_712 (n=11)

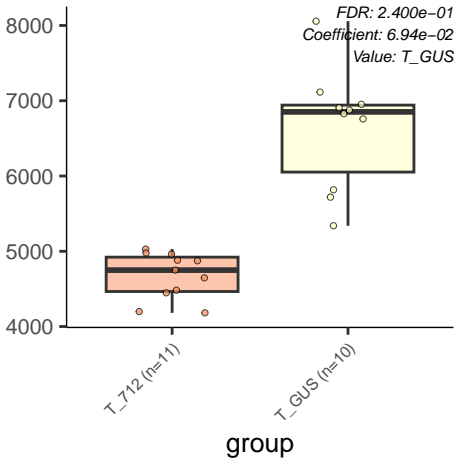
T_GUS (n=10)

group

FDR: 2.400e-01
Coefficient: -4.42e-02
Value: T_GUS



GH119.hmm



GH13_25.hmm

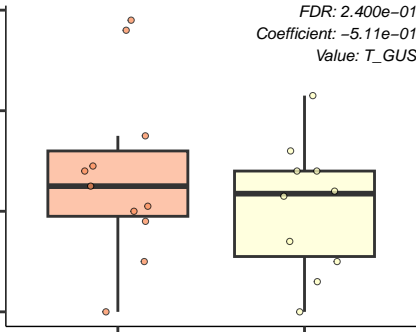
60
40
20
0

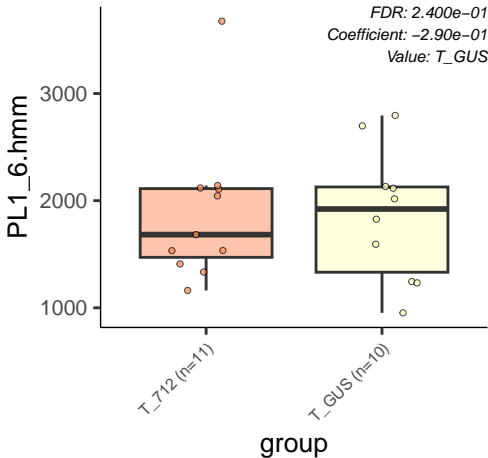
T_712 (n=11)

T_GUS (n=10)

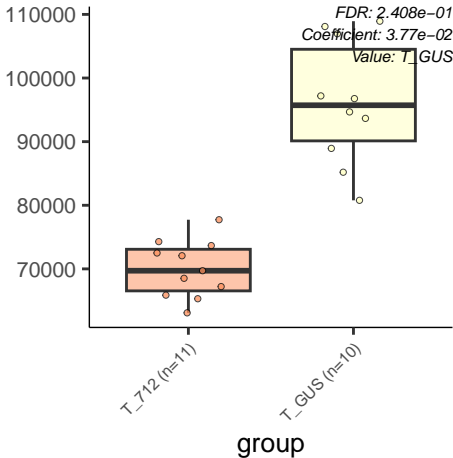
group

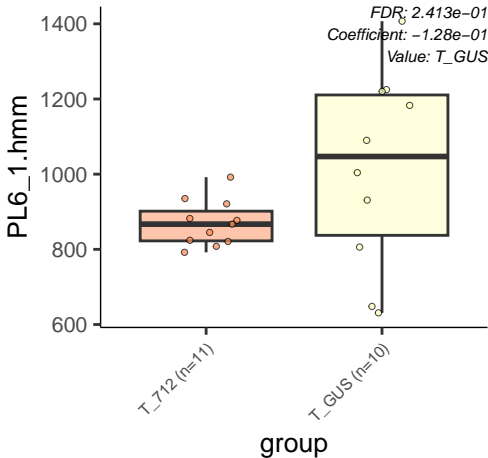
FDR: 2.400e-01
Coefficient: -5.11e-01
Value: T_GUS





CE1.hmm





GH32.hmm

8000

7000

6000

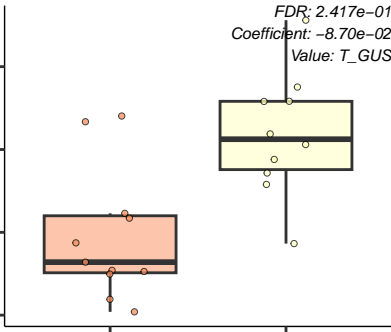
5000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.417e-01
Coefficient: -8.70e-02
Value: T_GUS



GH5_34.hmm

FDR: 2.417e-01
Coefficient: -6.59e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

