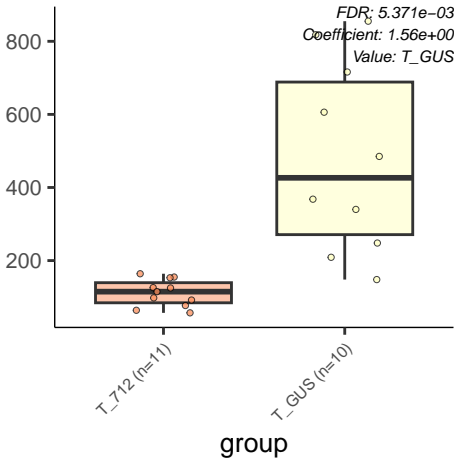


CBM11.hmm



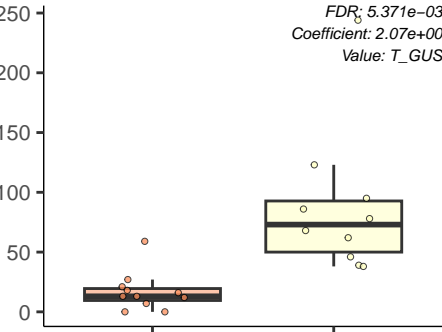
CBM59.hmm

FDR: 5.371e-03
Coefficient: 2.07e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH107.hmm

150

100

50

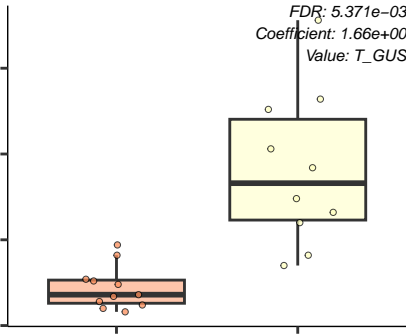
0

T_712 (n=11)

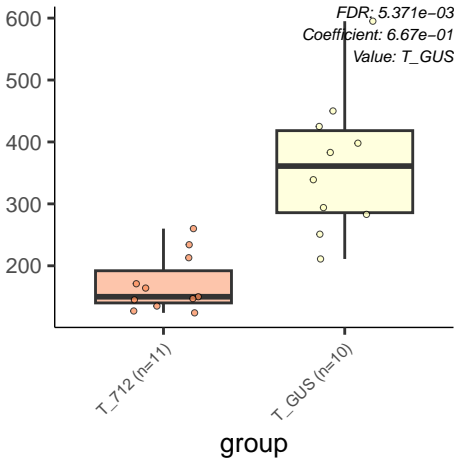
T_GUS (n=10)

group

FDR: 5.371e-03
Coefficient: 1.66e+00
Value: T_GUS



GH5_36.hmm



PL1.hmm

3000

2000

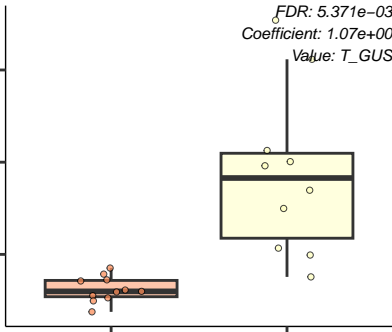
1000

T_712 (n=11)

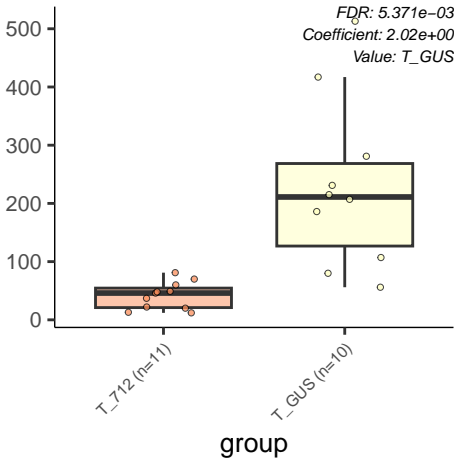
T_GUS (n=10)

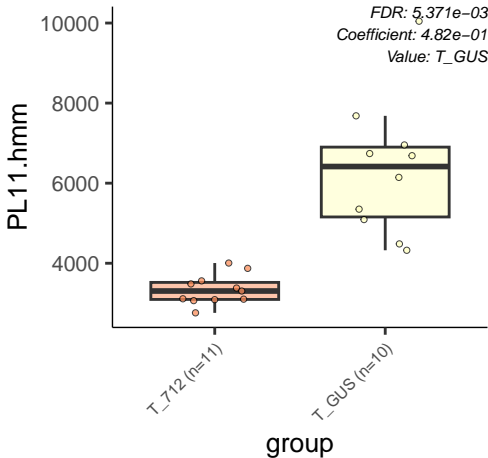
group

FDR: 5.371e-03
Coefficient: 1.07e+00
Value: T_GUS



PL10_2.hmm





PL15_1.hmm

100

50

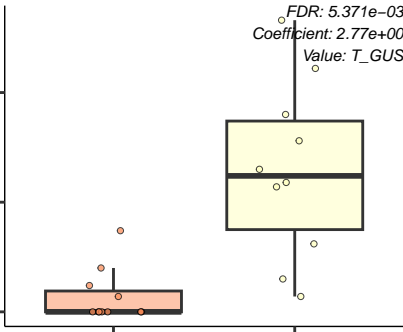
0

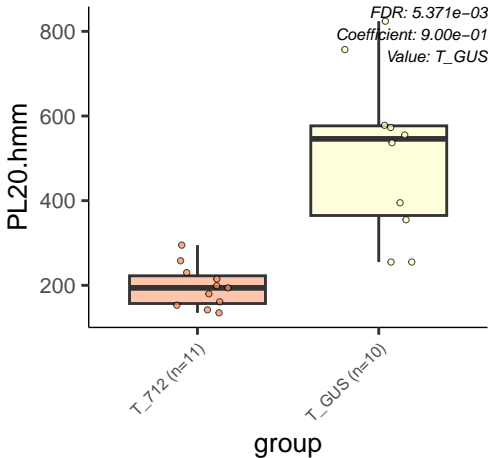
T_712 (n=11)

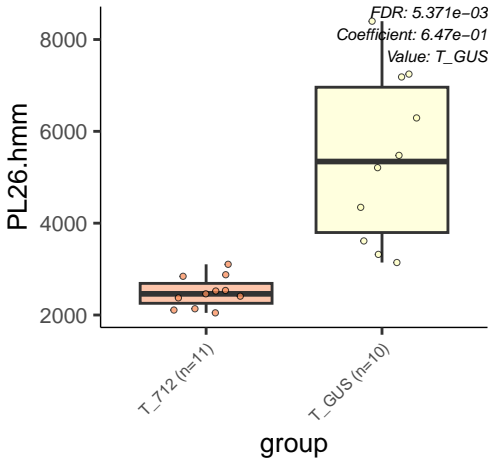
T_GUS (n=10)

group

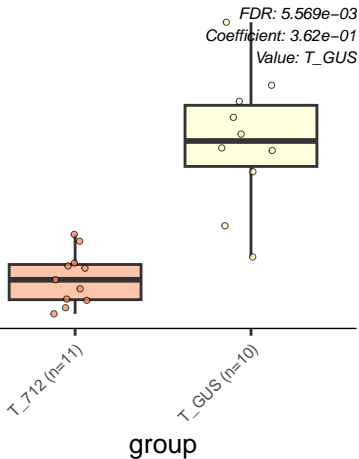
FDR: 5.371e-03
Coefficient: 2.77e+00
Value: T_GUS



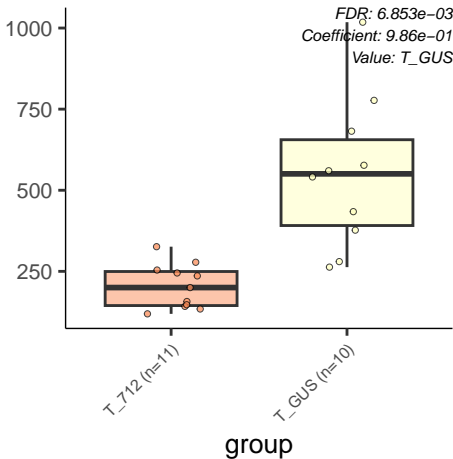




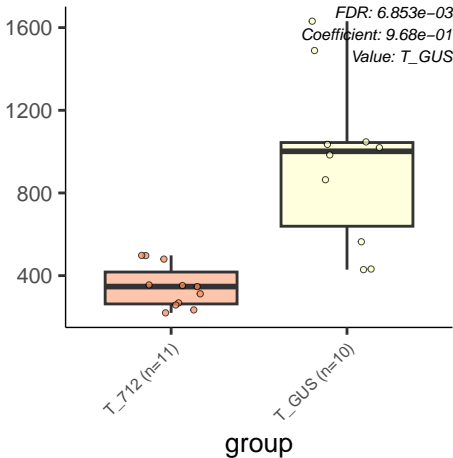
GT46.hmm



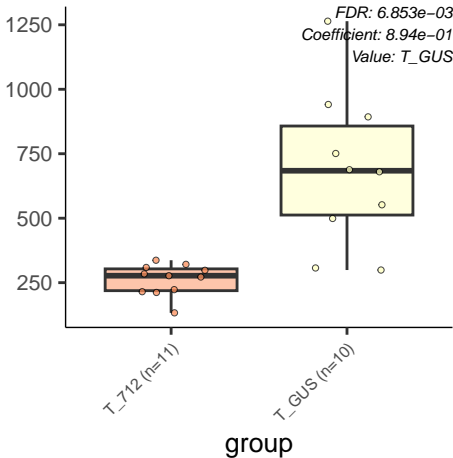
CBM47.hmm



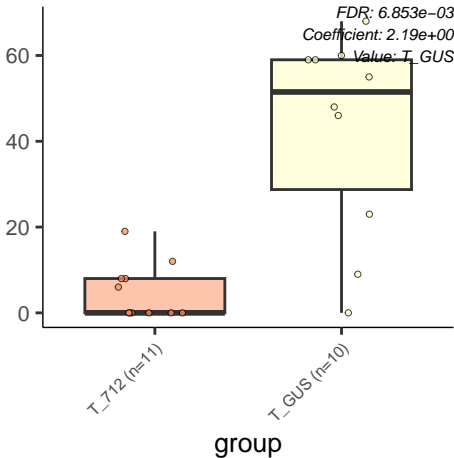
GH100.hmm



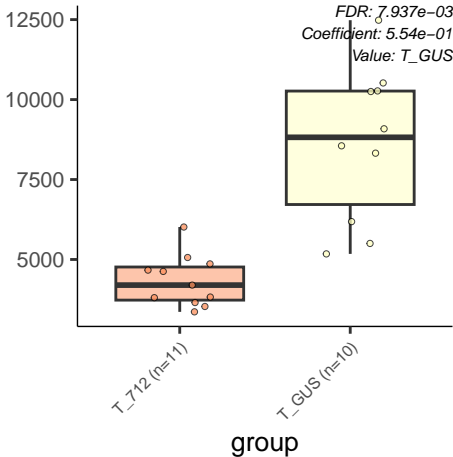
GH43_17.hmm



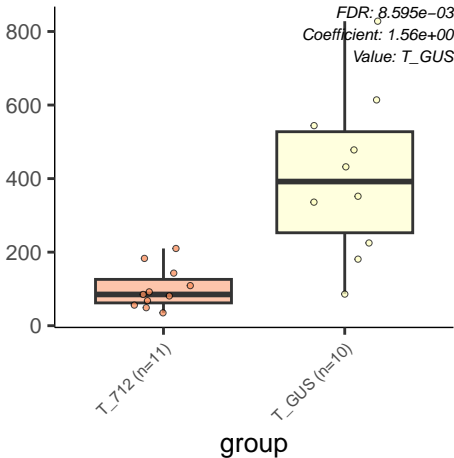
PL21_1.hmm



CE15.hmm



GH52.hmm



PL1_3.hmm

300

200

100

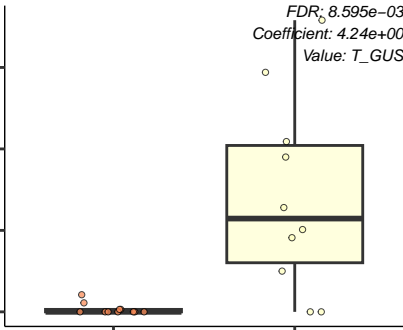
0

T_712 (n=11)

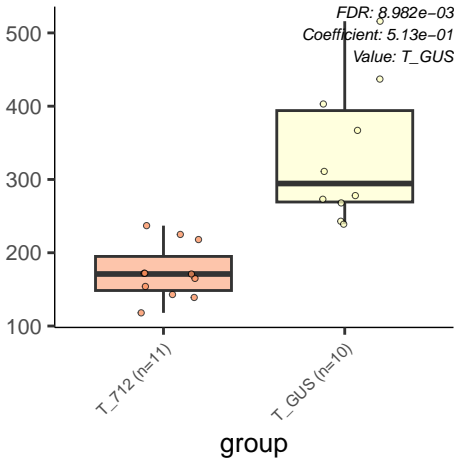
T_GUS (n=10)

group

FDR: $8.595e-03$
Coefficient: $4.24e+00$
Value: T_GUS



CBM63.hmm



GH44.hmm

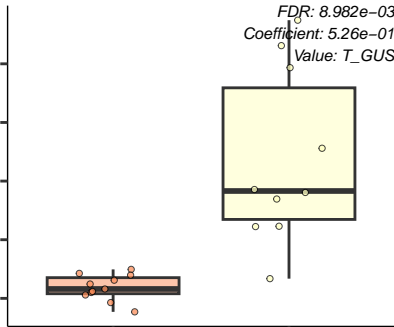
T_712 (n=11)

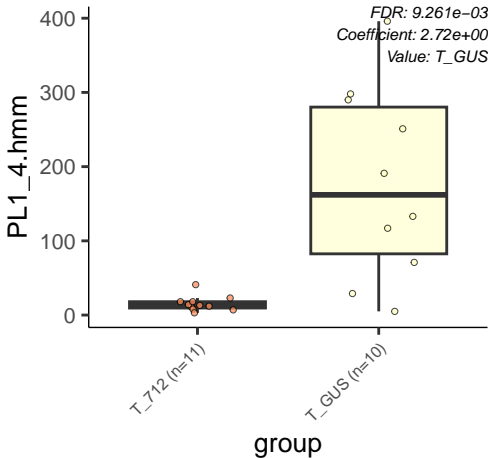
T_GUS (n=10)

group

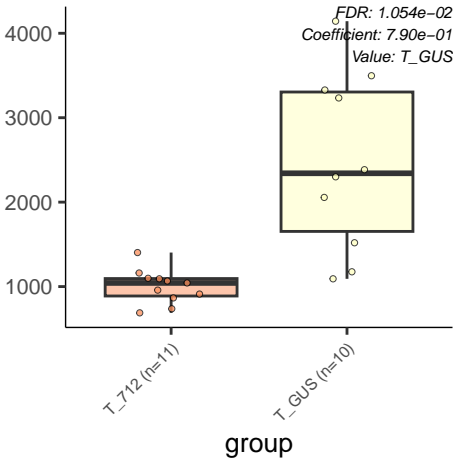
FDR: $8.982e-03$
Coefficient: $5.26e-01$
Value: T_GUS

3000
2500
2000
1500
1000





PL22_2.hmm



CBM61.hmm

1000

750

500

250

T_712 (n=11)

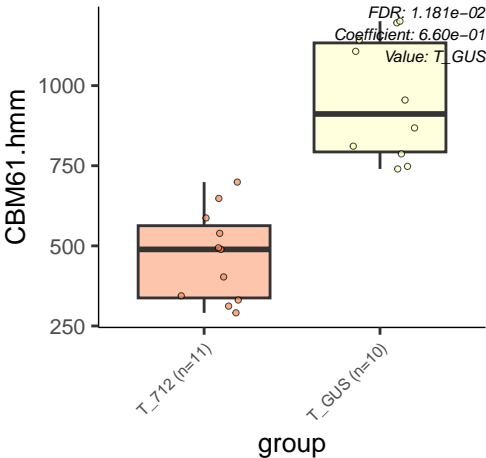
T_GUS (n=10)

group

FDR: 1.181e-02

Coefficient: 6.60e-01

Value: T_GUS



PL11_2.hmm

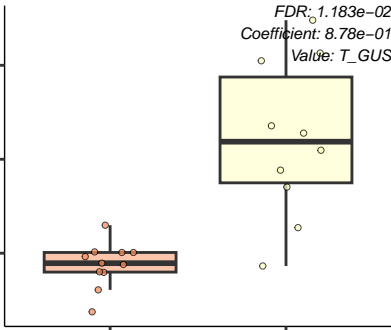
1500
1000
500

T_712 (n=11)

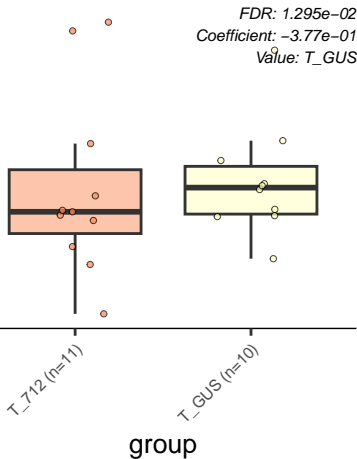
T_GUS (n=10)

group

FDR: 1.183×10^{-2}
Coefficient: 8.78×10^{-1}
Value: T_GUS



GH43_9.hmm



CE12.hmm

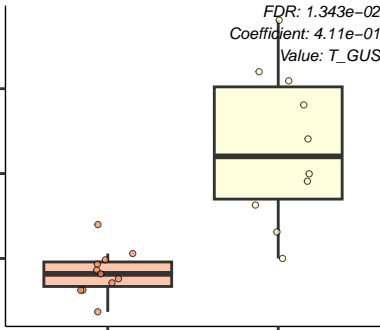
12000
9000
6000

T_712 (n=11)

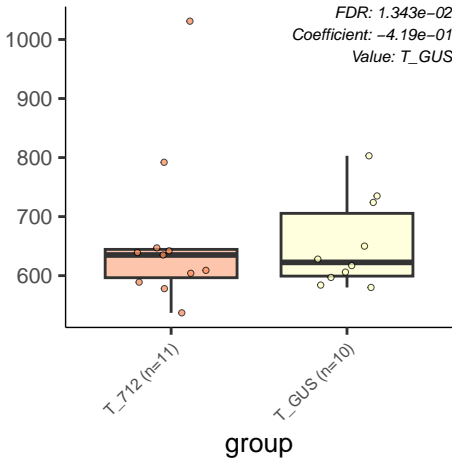
T_GUS (n=10)

group

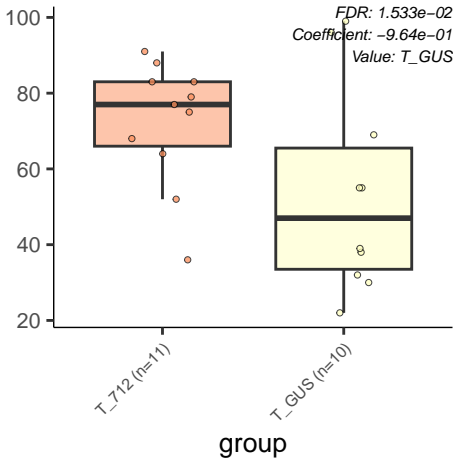
FDR: 1.343e-02
Coefficient: 4.11e-01
Value: T_GUS



GH47.hmm



GT77.hmm



GH13_36.hmm

FDR: 1.617e-02

Coefficient: -3.58e-01

Value: T_GUS

2000

1750

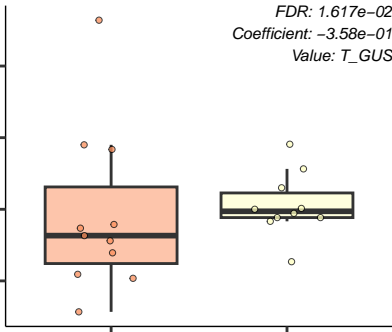
1500

1250

T_712 (n=11)

T_GUS (n=10)

group



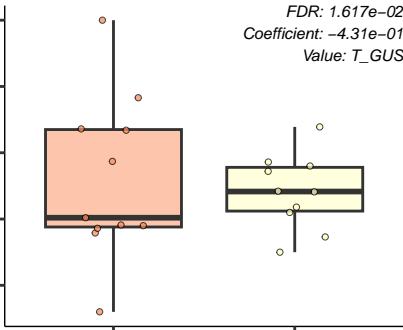
GT14.hmm

FDR: 1.617e-02
Coefficient: -4.31e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH133.hmm

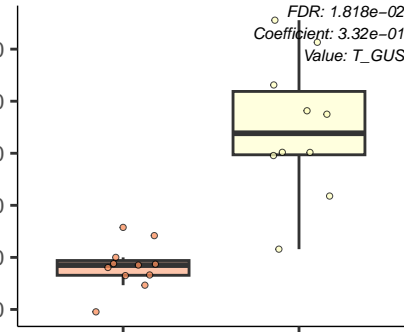
4000
3500
3000
2500
2000
1500

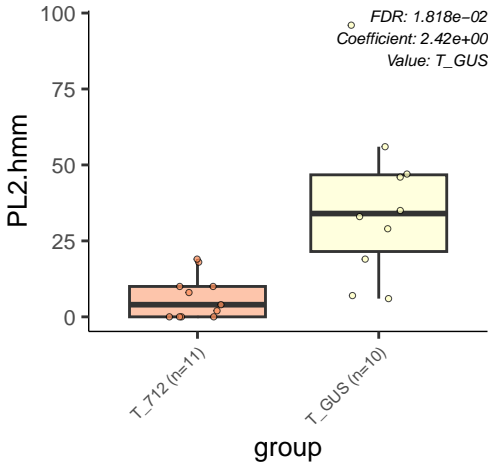
T_712 (n=11)

T_GUS (n=10)

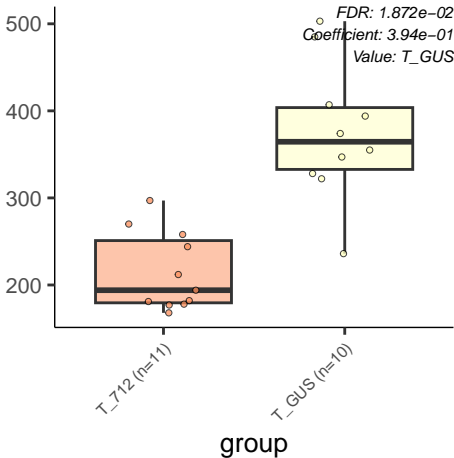
group

FDR: 1.818e-02
Coefficient: 3.32e-01
Value: T_GUS

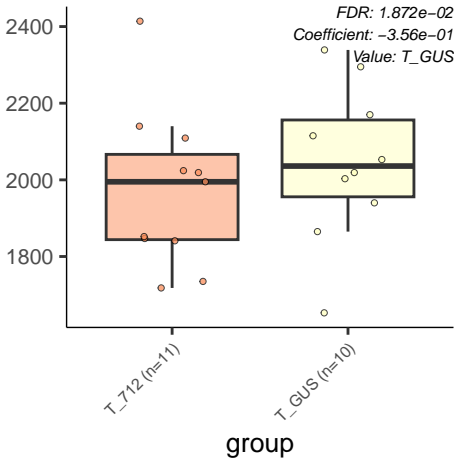




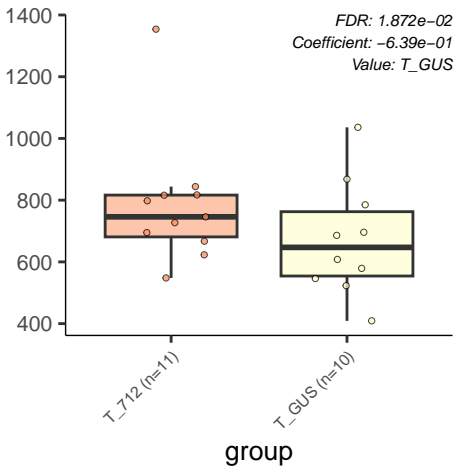
GH75.hmm



GH125.hmm



GH13_4.hmm



GH143.hmm

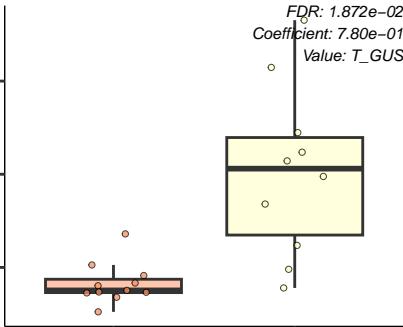
900
600
300

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.872e-02
Coefficient: 7.80e-01
Value: T_GUS



GT89.hmm

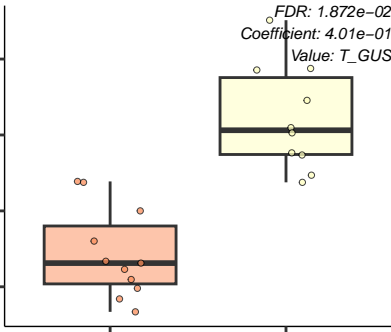
2500
2000
1500
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.872e-02
Coefficient: 4.01e-01
Value: T_GUS



GH81.hmm

1200

800

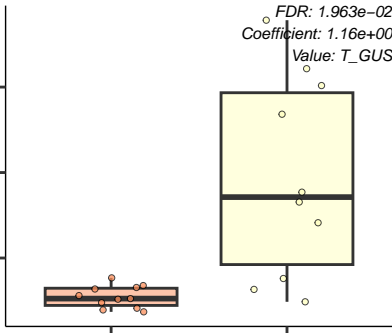
400

T_712 (n=11)

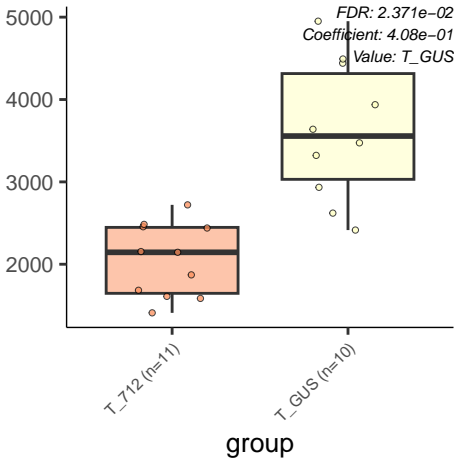
T_GUS (n=10)

group

FDR: 1.963e-02
Coefficient: 1.16e+00
Value: T_GUS



GH140.hmm



GH5_2.hmm

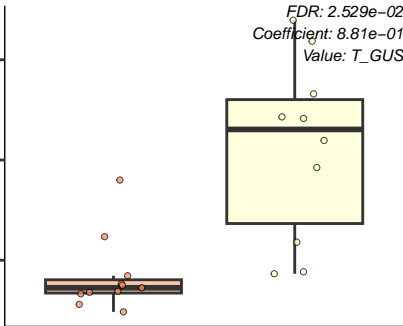
600
400
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.529e-02
Coefficient: 8.81e-01
Value: T_GUS



PL6_2.hmm

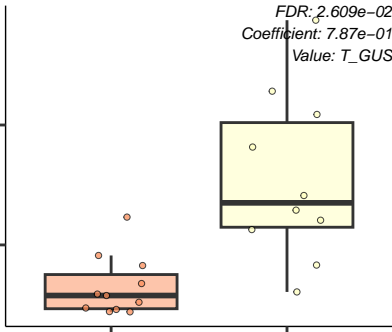
1000
500

T_712 (n=11)

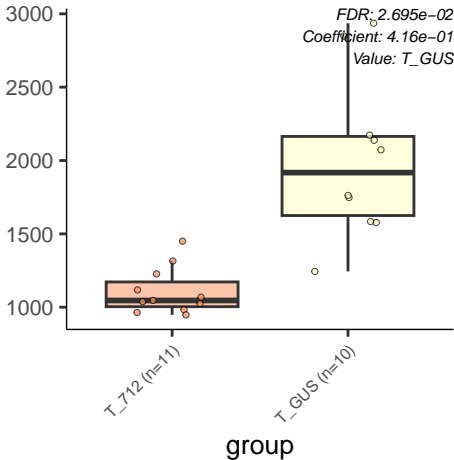
T_GUS (n=10)

group

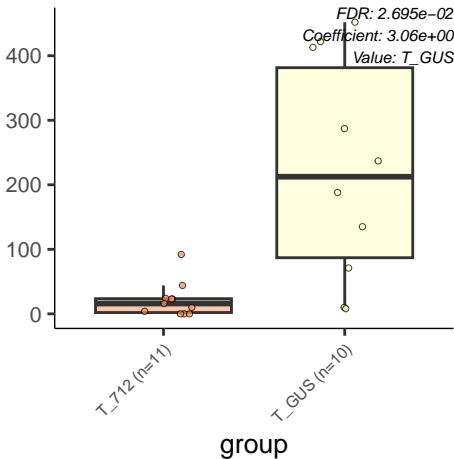
FDR: 2.609e-02
Coefficient: 7.87e-01
Value: T_GUS



GH145.hmm



GH45.hmm



GH13_2.hmm

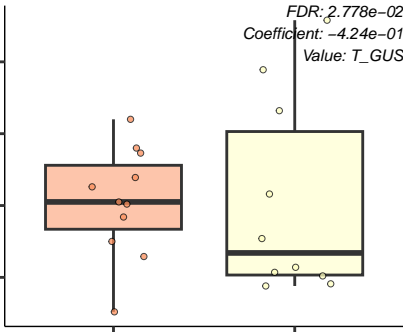
900
800
700
600

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.778×10^{-2}
Coefficient: -4.24×10^{-1}
Value: T_GUS



GH13_21.hmm

FDR: 2.778e-02

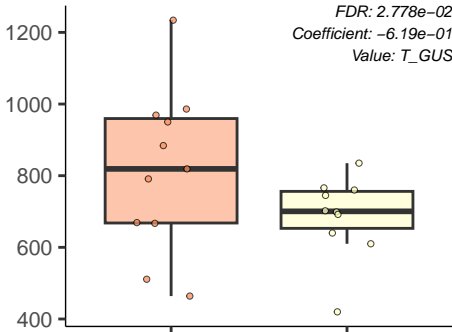
Coefficient: -6.19e-01

Value: T_GUS

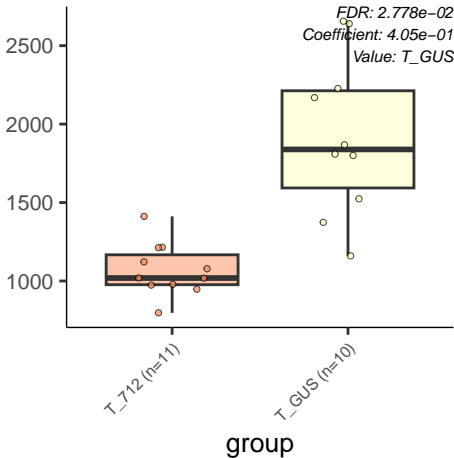
T_712 (n=11)

T_GUS (n=10)

group



GH43_11.hmm



GH43_31.hmm

FDR: 2.778e-02

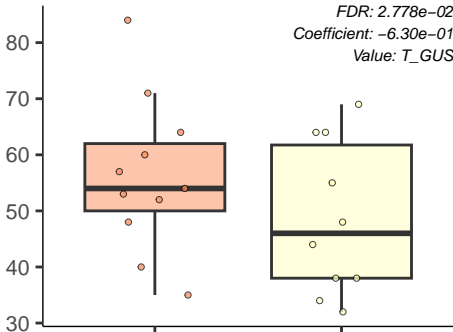
Coefficient: -6.30e-01

Value: T_GUS

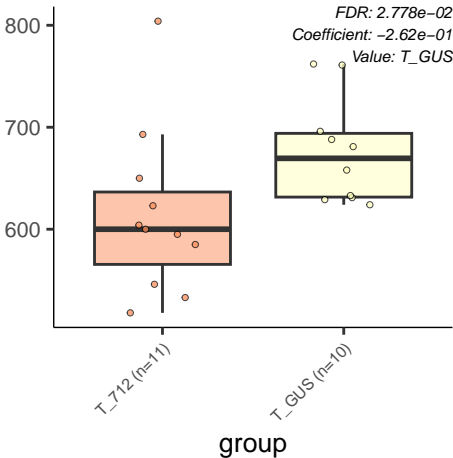
T_712 (n=11)

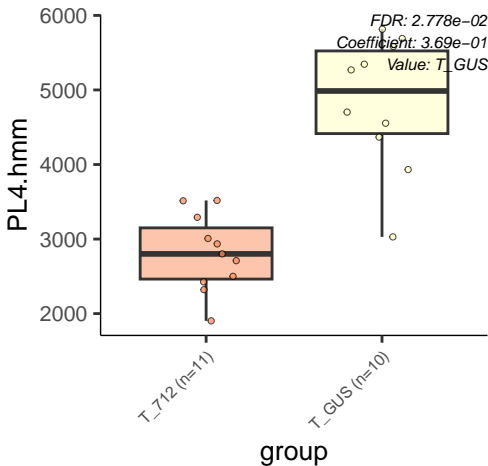
T_GUS (n=10)

group



GH66.hmm





PL7_4.hmm

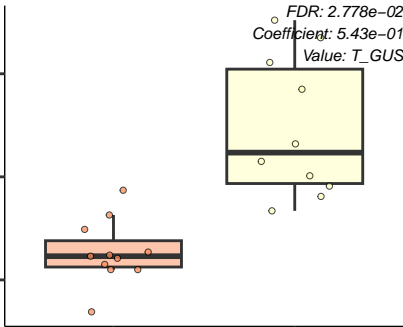
300
200
100

T_712 (n=11)

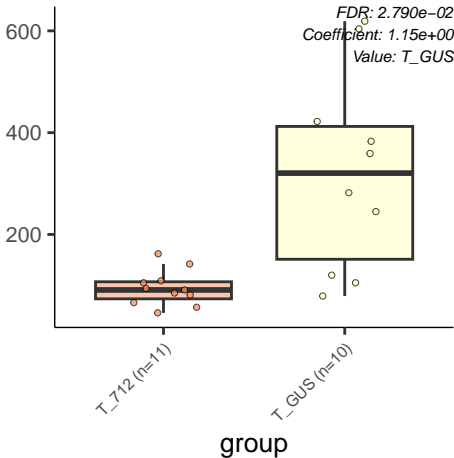
T_GUS (n=10)

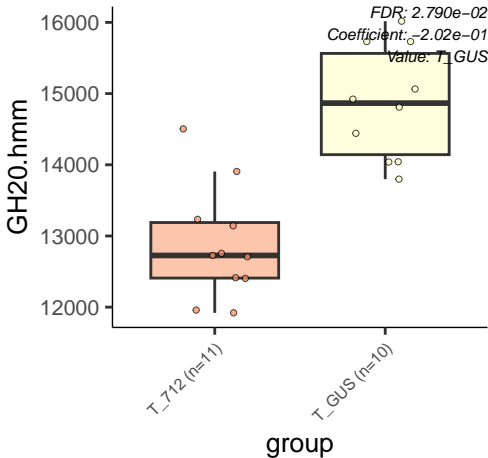
group

FDR: 2.778e-02
Coefficient: 5.43e-01
Value: T_GUS



CBM23.hmm





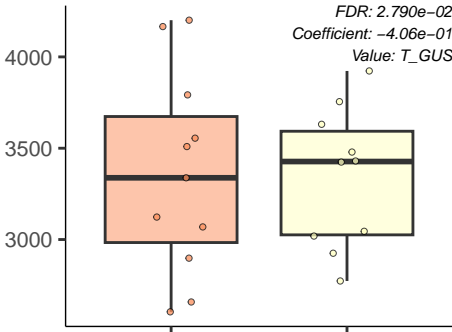
GH24.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.790e-02
Coefficient: -4.06e-01
Value: T_GUS



GH5_13.hmm

FDR: 2.790e-02

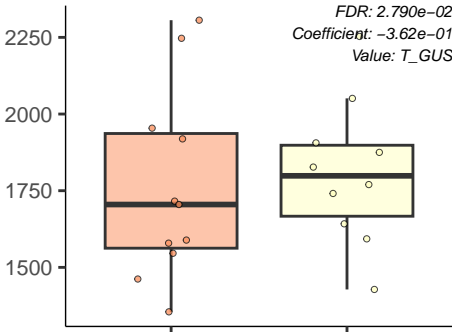
Coefficient: -3.62e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH121.hmm

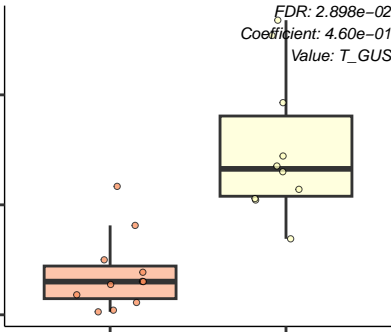
3000
2000
1000

T_712 (n=11)

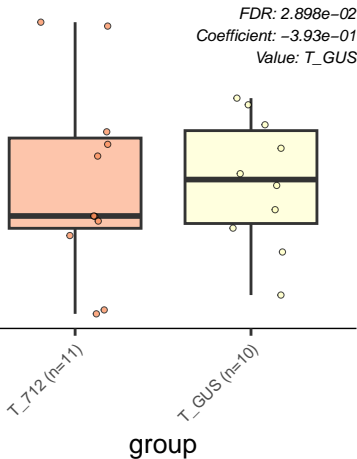
T_GUS (n=10)

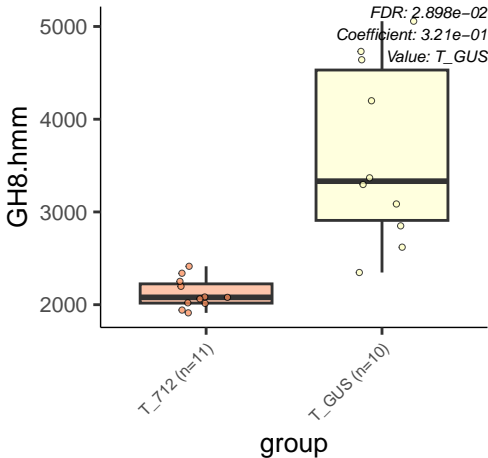
group

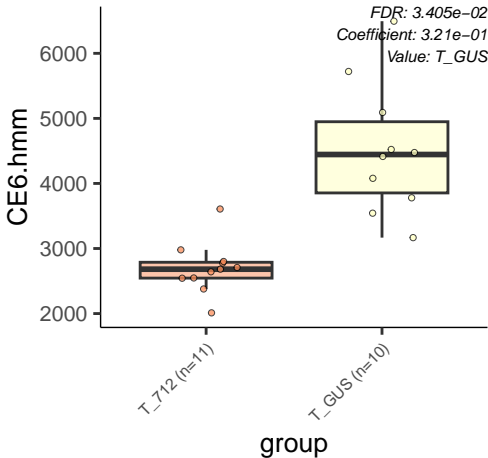
FDR: 2.898e-02
Coefficient: 4.60e-01
Value: T_GUS



GH43_29.hmm







GH5_10.hmm

200

100

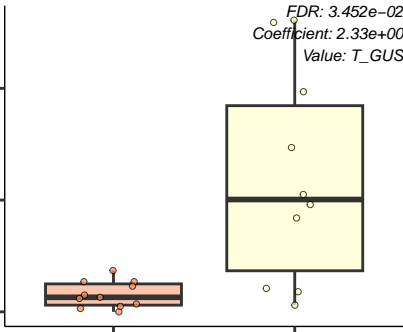
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: $3.452e-02$
Coefficient: $2.33e+00$
Value: T_GUS



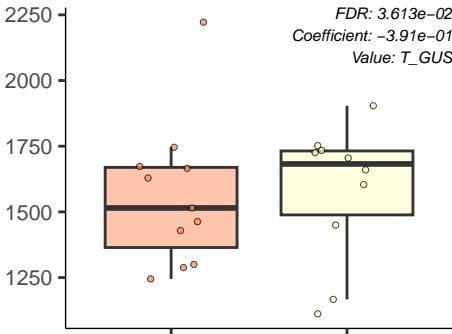
GT104.hmm

FDR: $3.613e-02$
Coefficient: $-3.91e-01$
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH109.hmm

70000

60000

50000

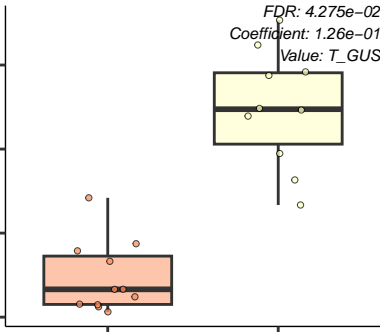
40000

T_712 (n=11)

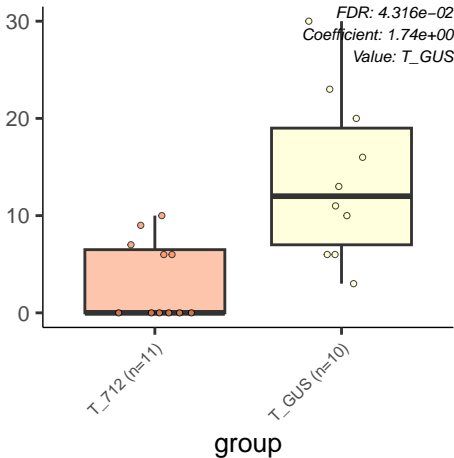
T_GUS (n=10)

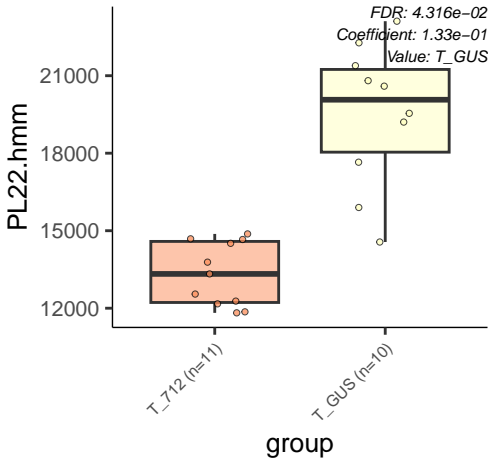
group

FDR: 4.275e-02
Coefficient: 1.26e-01
Value: T_GUS



PL17_2.hmm





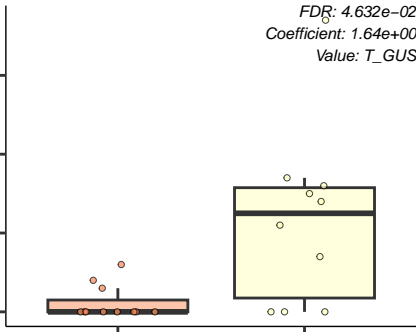
GH56.hmm

FDR: 4.632e-02
Coefficient: 1.64e+00
Value: T_GUS

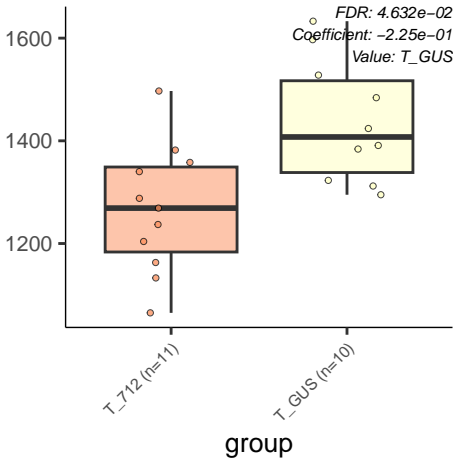
T_712 (n=11)

T_GUS (n=10)

group



GT25.hmm



GT66.hmm

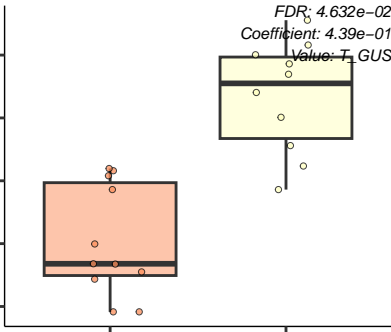
1200
1000
800
600
400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 4.632e-02
Coefficient: 4.39e-01
Value: T_GUS



PL9_4.hmm

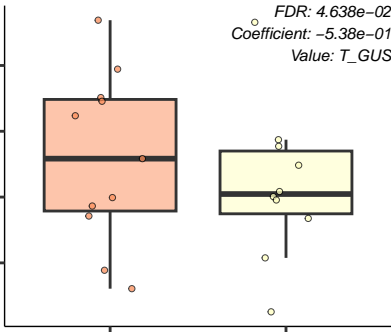
FDR: 4.638e-02
Coefficient: -5.38e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

1500
1250
1000
750



GH138.hmm

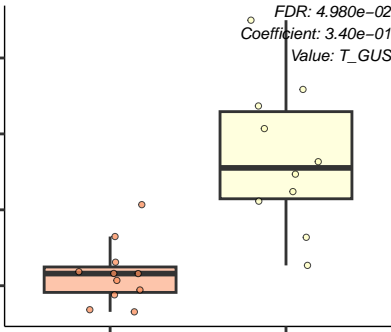
2500
2000
1500
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 4.980e-02
Coefficient: 3.40e-01
Value: T_GUS



GH106.hmm

20000

16000

12000

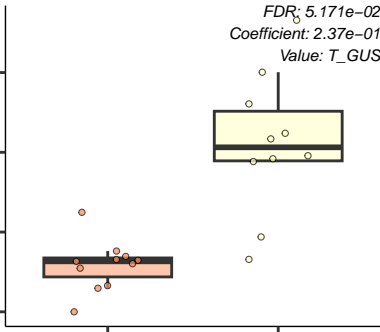
8000

T_712 (n=11)

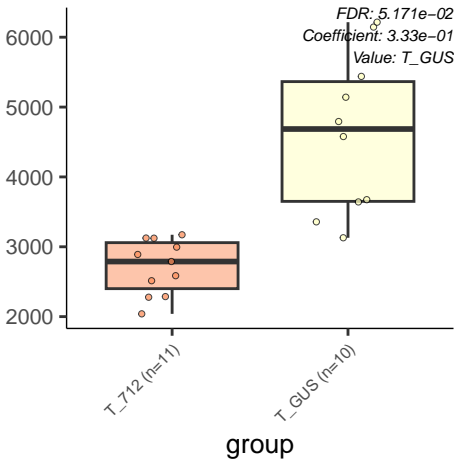
T_GUS (n=10)

group

FDR: 5.171e-02
Coefficient: 2.37e-01
Value: T_GUS



GH5.hmm



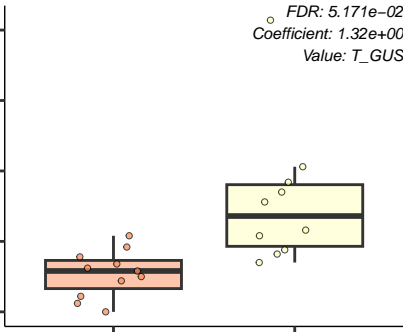
GT33.hmm

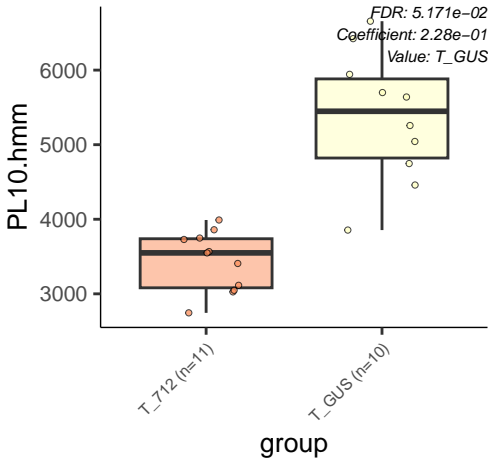
FDR: 5.171e-02
Coefficient: 1.32e+00
Value: T_GUS

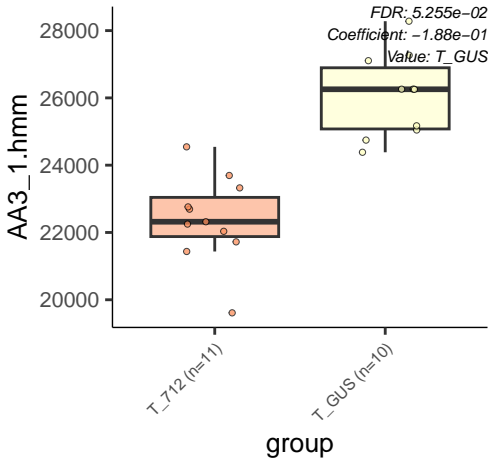
T_712 (n=11)

T_GUS (n=10)

group







GH5_41.hmm

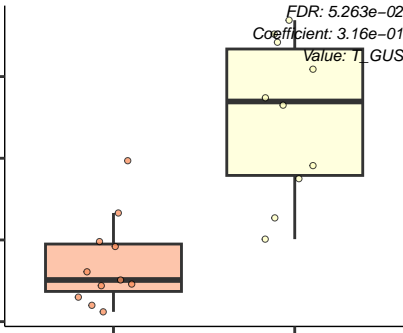
500
400
300
200

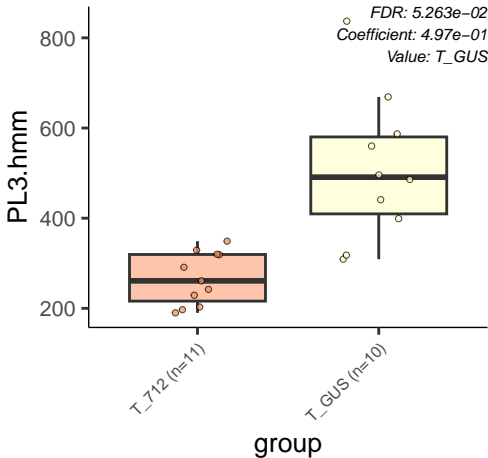
T_712 (n=11)

T_GUS (n=10)

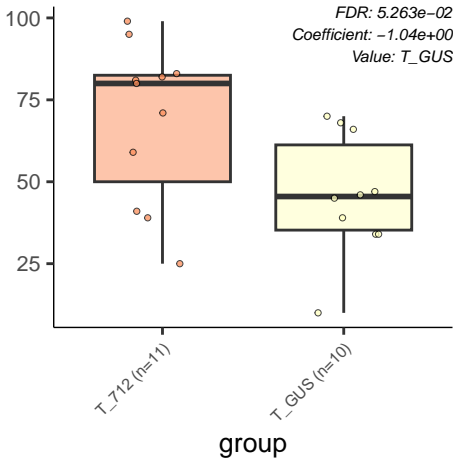
group

FDR: 5.263e-02
Coefficient: 3.16e-01
Value: T_GUS

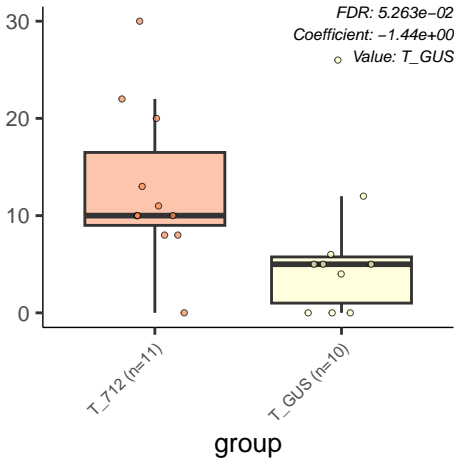




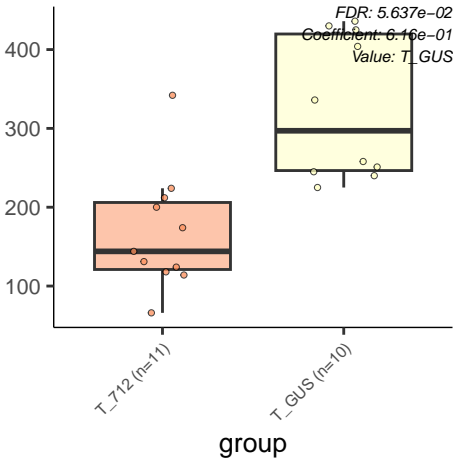
PL5_1.hmm



PL7_2.hmm



GH43_8.hmm



GH89.hmm

FDR: 5.637e-02

Coefficient: -3.89e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

2400

2000

1600

CBM31.hmm

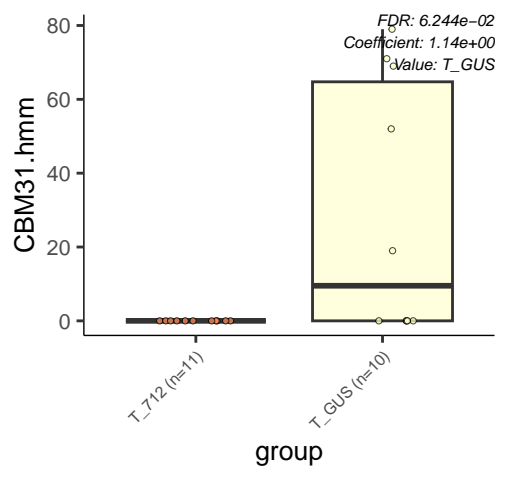
80
60
40
20
0

T_712 (n=11)

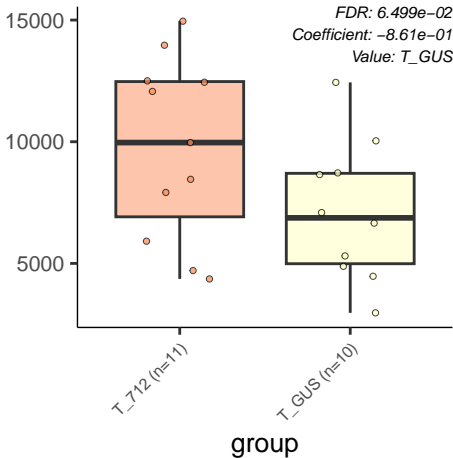
T_GUS (n=10)

group

FDR: 6.244e-02
Coefficient: 1.14e+00
Value: T_GUS



CBM4.hmm



GH5_15.hmm

FDR: 6.499e-02

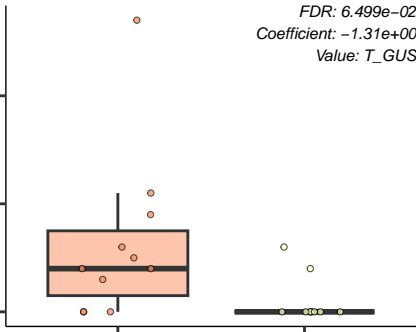
Coefficient: -1.31e+00

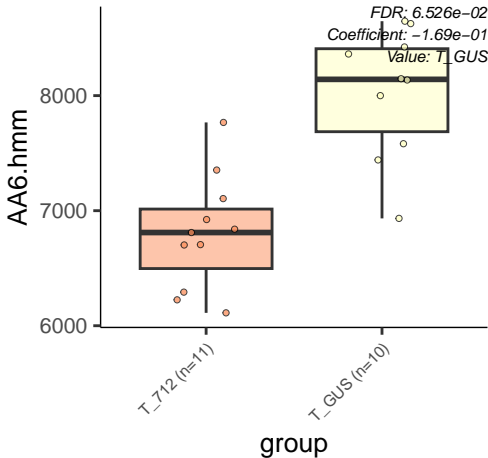
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





GH17.hmm

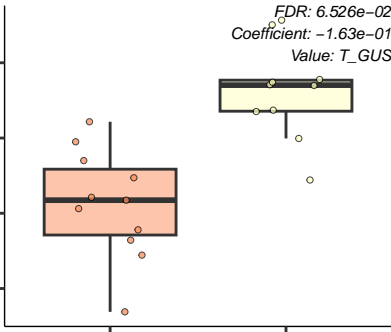
5000
4500
4000
3500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 6.526e-02
Coefficient: -1.63e-01
Value: T_GUS



GH97.hmm

T_712 (n=11)

T_GUS (n=10)

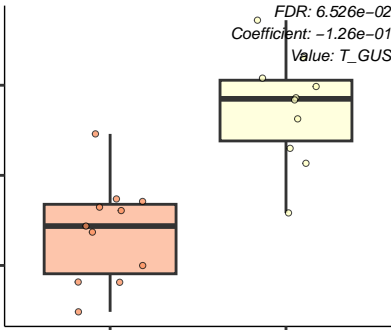
group

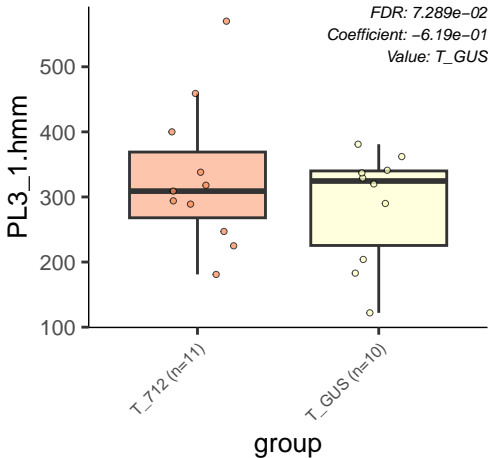
FDR: 6.526e-02
Coefficient: -1.26e-01
Value: T_GUS

8000

7000

6000





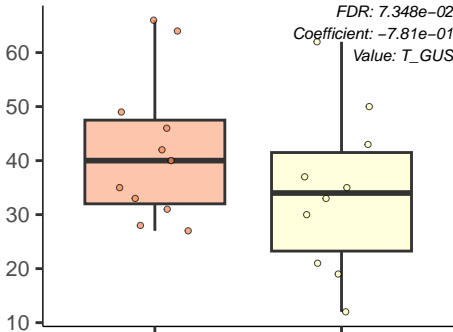
GT15.hmm

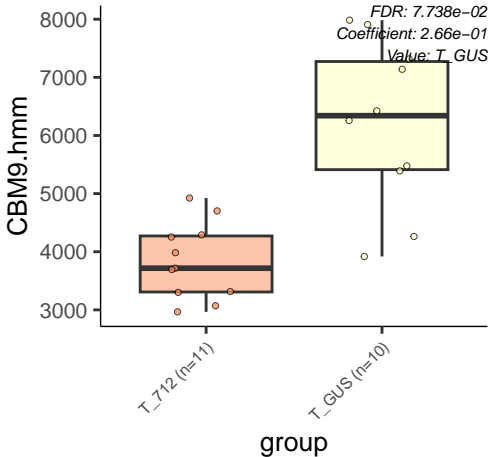
T_712 (n=11)

T_GUS (n=10)

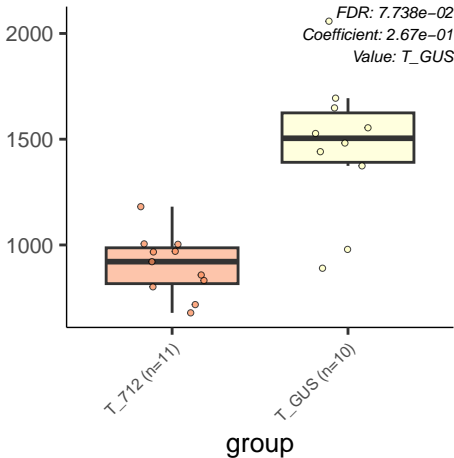
group

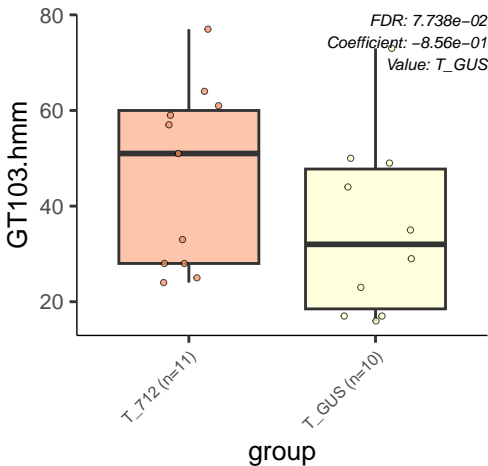
FDR: 7.348e-02
Coefficient: -7.81e-01
Value: T_GUS



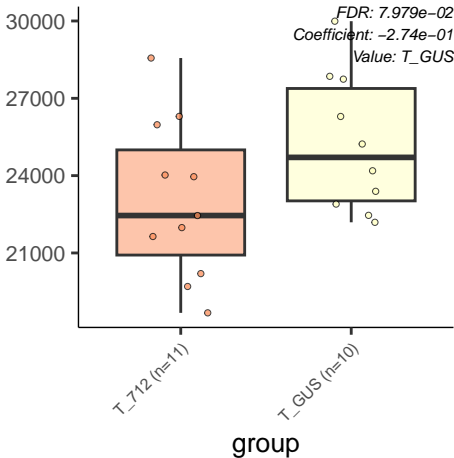


GH43_18.hmm

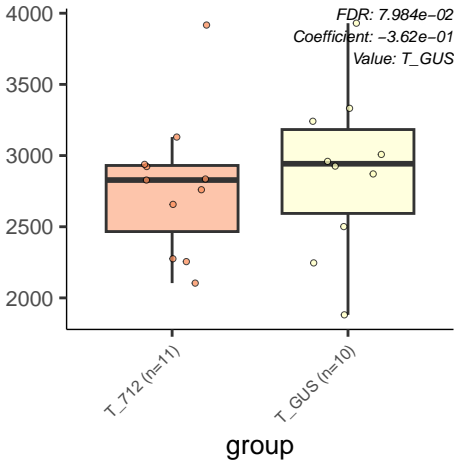




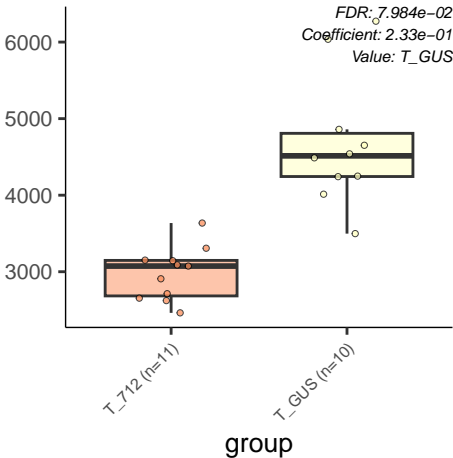
CBM50.hmm



GH13_13.hmm



GH26.hmm



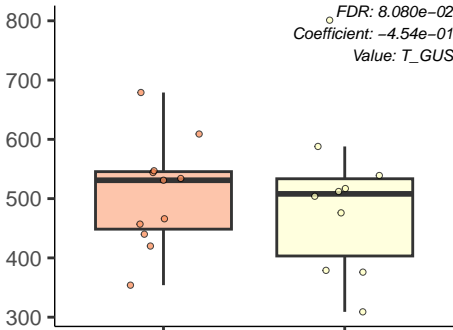
GH135.hmm

FDR: $8.080e-02$
Coefficient: $-4.54e-01$
Value: T_GUS

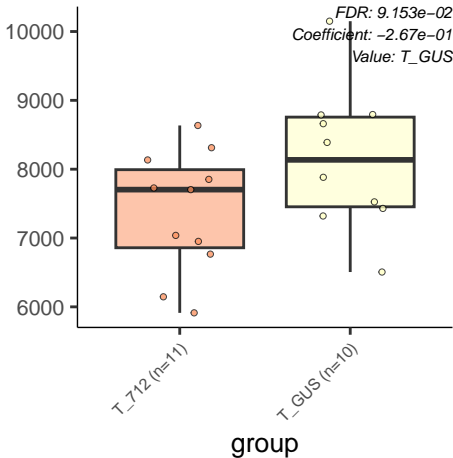
T_712 (n=11)

T_GUS (n=10)

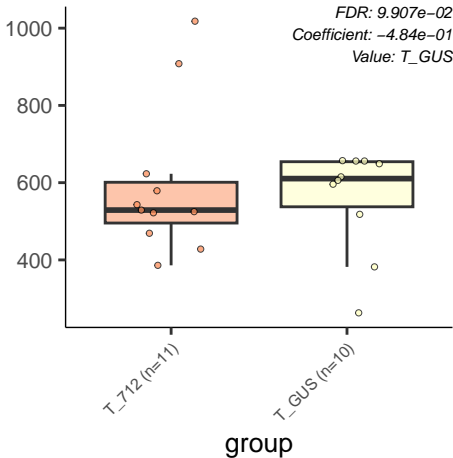
group



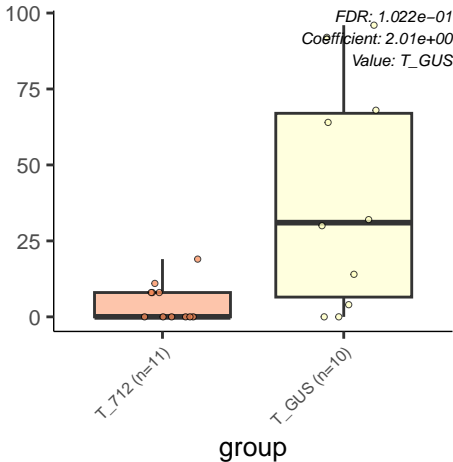
GH65.hmm



GH13_19.hmm



GH112.hmm



GH13_6.hmm

FDR: 1.057e-01

Coefficient: -5.17e-01

Value: T_GUS

800

600

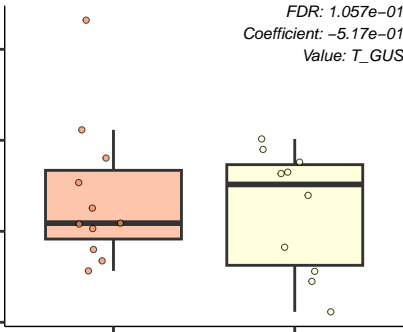
400

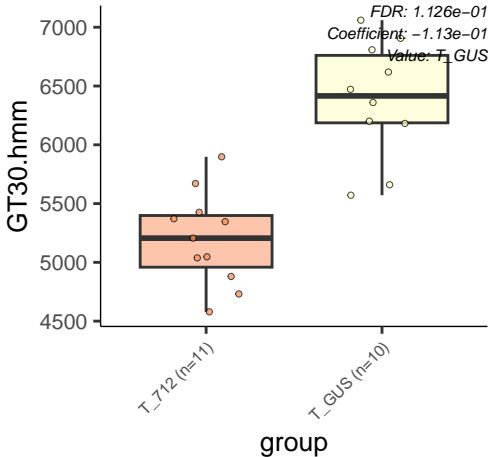
200

T_712 (n=11)

T_GUS (n=10)

group





GH49.hmm

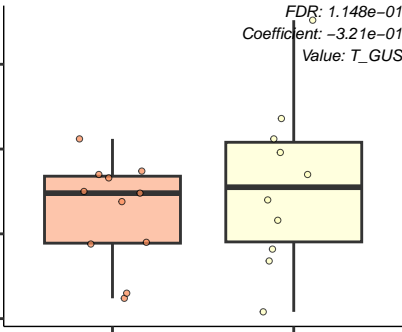
300
250
200
150

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.148e-01
Coefficient: -3.21e-01
Value: T_GUS



GT51.hmm

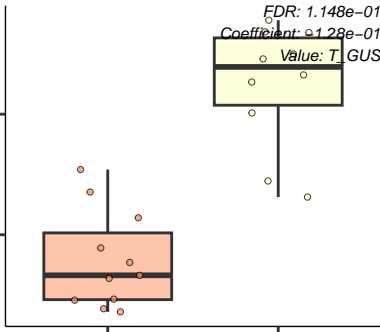
40000
35000

T_712 (n=11)

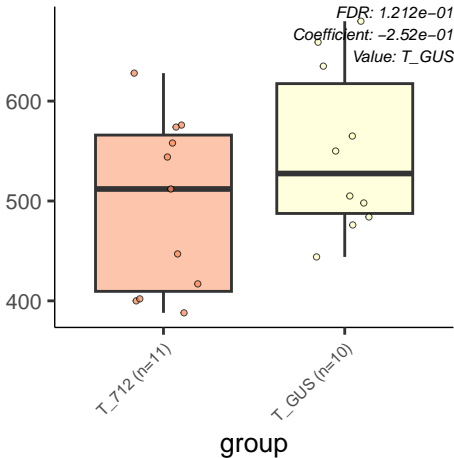
T_GUS (n=10)

group

FDR: 1.148e-01
Coefficient: 1.28e-01
Value: T_GUS



GH30_5.hmm



GH31.hmm

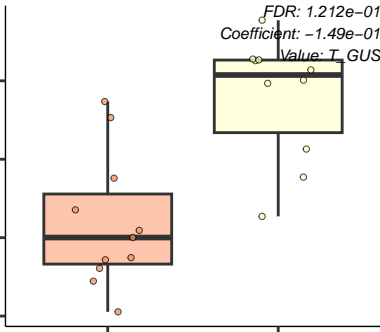
20000
18000
16000
14000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.212e-01
Coefficient: -1.49e-01
Value: T_GUS



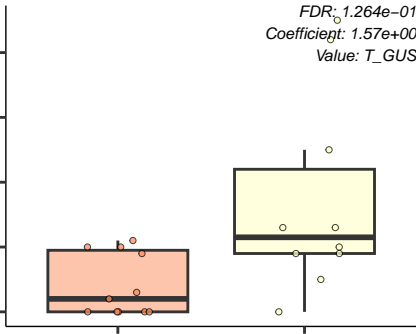
GH5_17.hmm

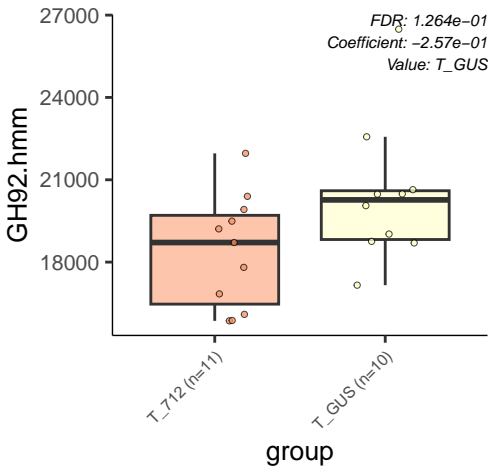
FDR: 1.264e-01
Coefficient: 1.57e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





GT29.hmm

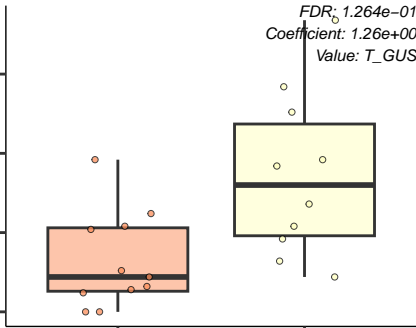
75
50
25
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.264e-01
Coefficient: 1.26e+00
Value: T_GUS



GT94.hmm

1000

750

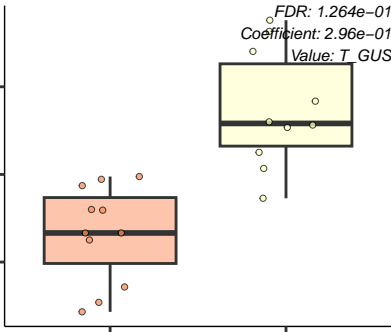
500

T_712 (n=11)

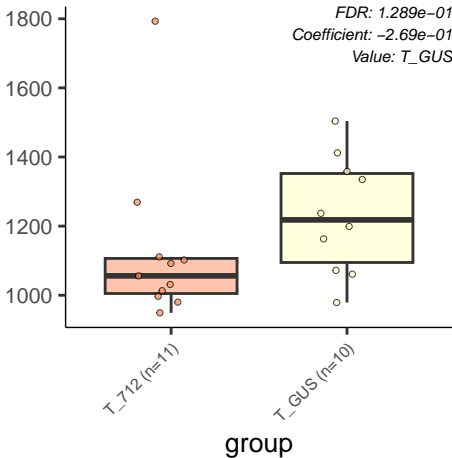
T_GUS (n=10)

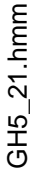
group

FDR: 1.264e-01
Coefficient: 2.96e-01
Value: T_GUS



GH43_3.hmm





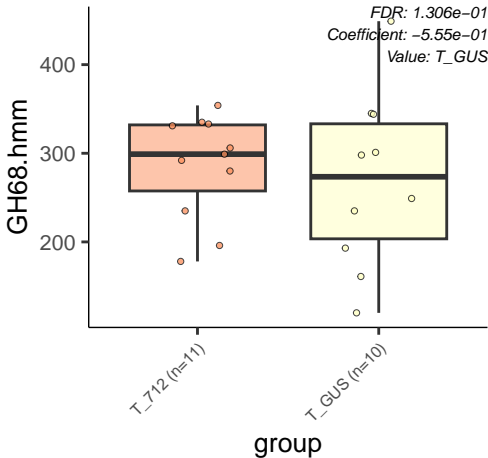
FDR: 1.306e-01

Coefficient: $-8.38e-01$

Value: *T_GUS*



group



GH30_2.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.372e-01
Coefficient: -4.31e-01
Value: T_GUS

125

100

75

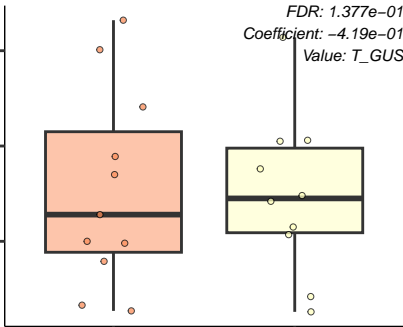
PL9_3.hmm

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.377e-01
Coefficient: -4.19e-01
Value: T_GUS



GH30.hmm

T_712 (n=11)

T_GUS (n=10)

group

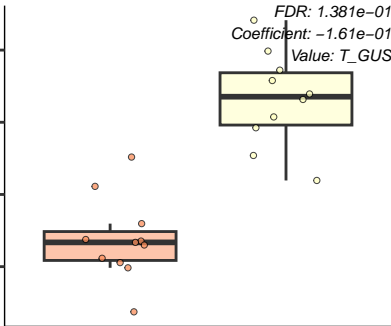
FDR: 1.381e-01
Coefficient: -1.61e-01
Value: T_GUS

6500

6000

5500

5000



GH13_23.hmm

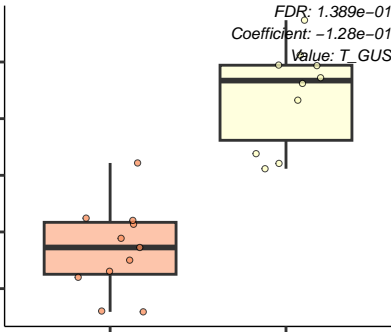
T_712 (n=11)

T_GUS (n=10)

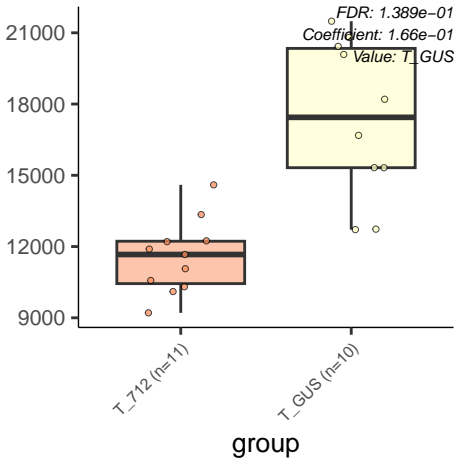
group

FDR: 1.389e-01
Coefficient: -1.28e-01
Value: T_GUS

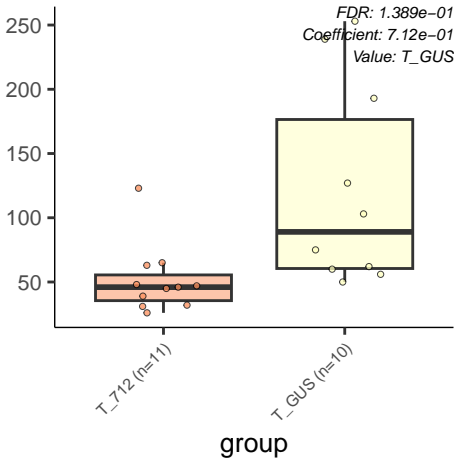
8000
7500
7000
6500
6000



GH28.hmm



PL17_1.hmm



CE16.hmm

2400

2000

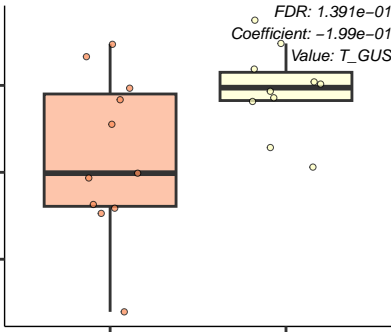
1600

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.391e-01
Coefficient: -1.99e-01
Value: T_GUS



GH30_4.hmm

FDR: 1.391e-01
Coefficient: -2.94e-01
Value: T_GUS

400

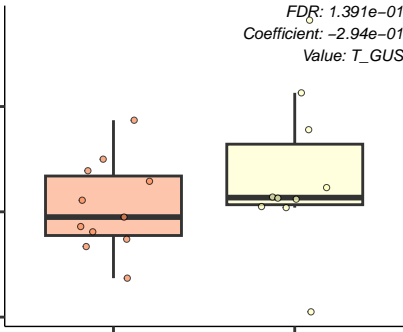
300

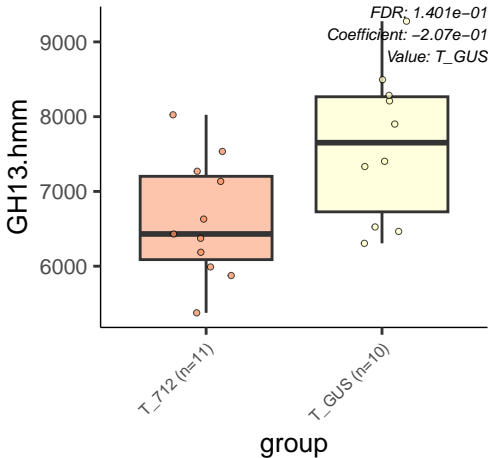
200

T_712 (n=11)

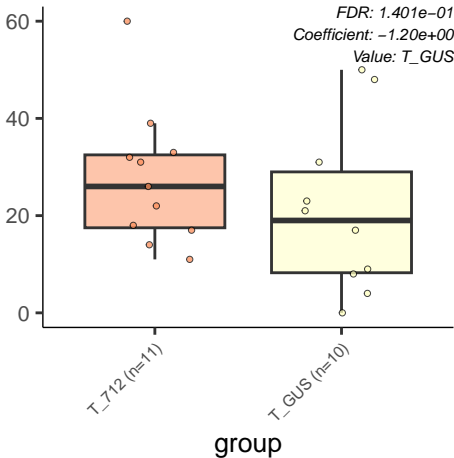
T_GUS (n=10)

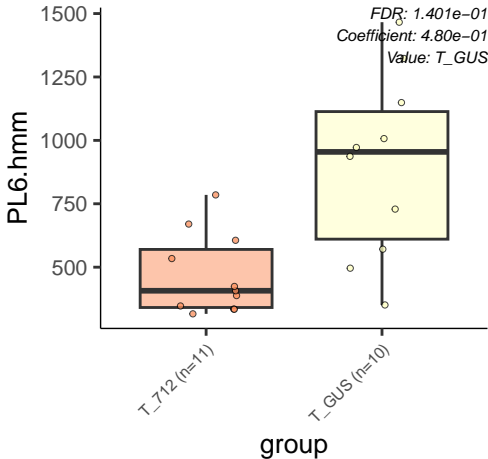
group



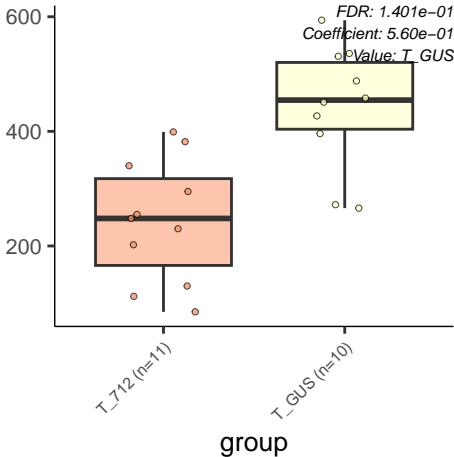


GH13_14.hmm





dockerin.hmm



GT2_Cellulose_synt.hmm

FDR: 1.443e-01

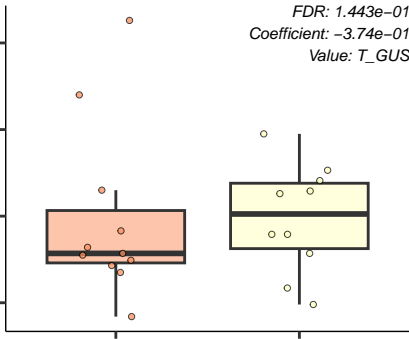
Coefficient: -3.74e-01

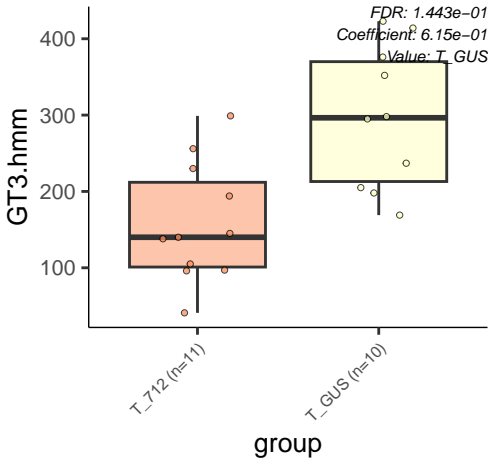
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





PL1_2.hmm

5000

4000

3000

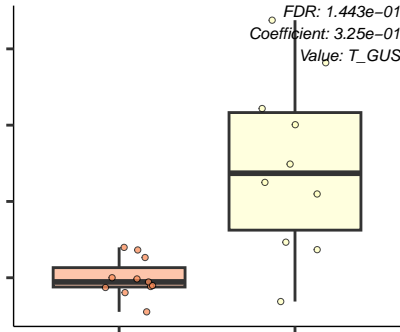
2000

T_712 (n=11)

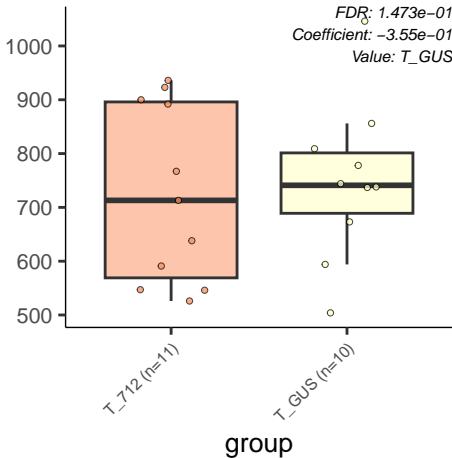
T_GUS (n=10)

group

FDR: 1.443e-01
Coefficient: 3.25e-01
Value: T_GUS



GH104.hmm



GH3.hmm

50000

45000

40000

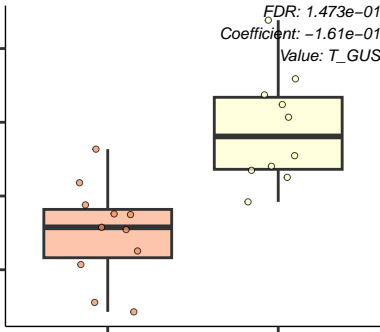
35000

T_712 (n=11)

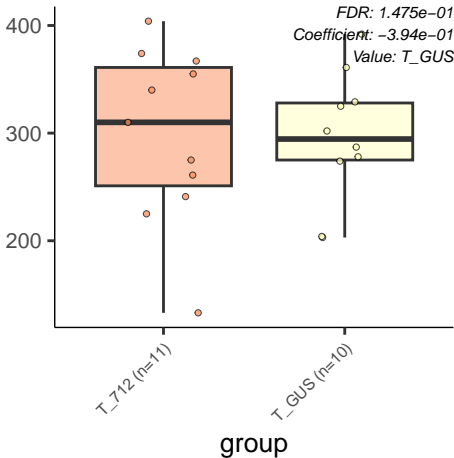
T_GUS (n=10)

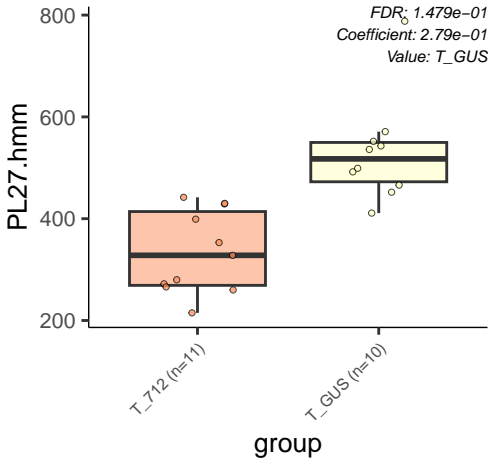
group

FDR: 1.473e-01
Coefficient: -1.61e-01
Value: T_GUS

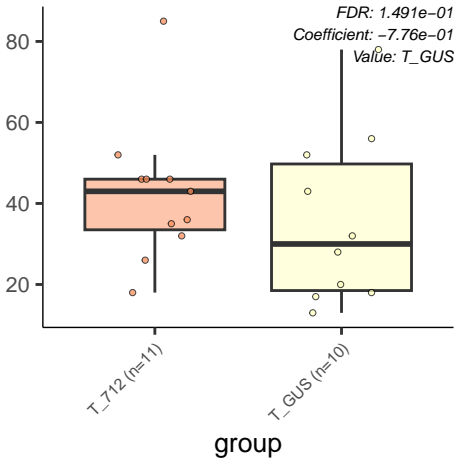


GT40.hmm





GH72.hmm



AA5_1.hmm

100

50

0

T_712 (n=11)

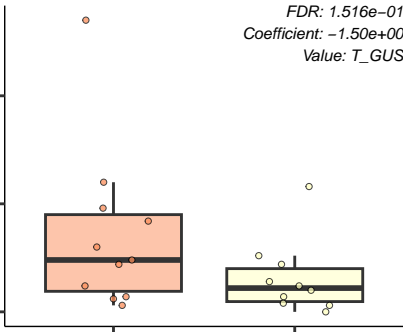
T_GUS (n=10)

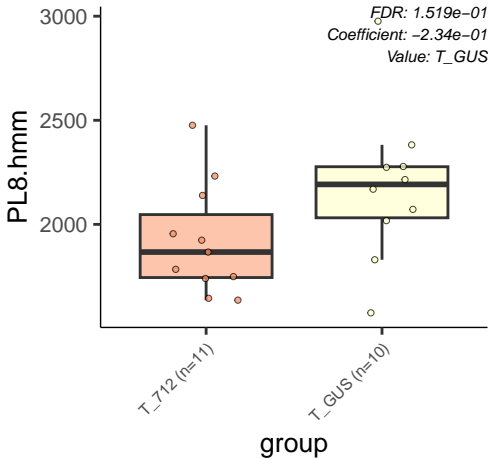
group

FDR: 1.516e-01

Coefficient: -1.50e+00

Value: T_GUS





AA3.hmm

70000
65000
60000
55000

T_712 (n=11)

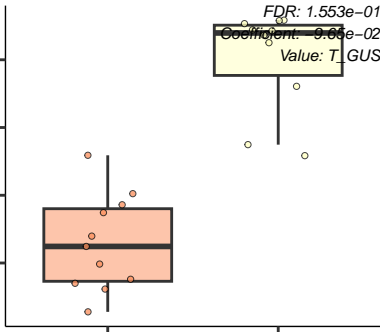
T_GUS (n=10)

group

FDR: 1.553e-01

Coefficient: -9.65e-02

Value: T_GUS



GH36.hmm

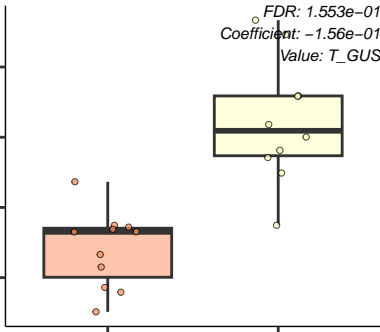
12000
11000
10000
9000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.553e-01
Coefficient: -1.56e-01
Value: T_GUS



GH51.hmm

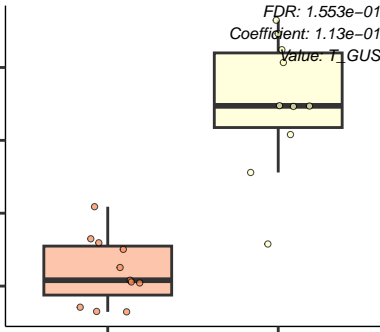
16000
14000
12000
10000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.553e-01
Coefficient: 1.13e-01
Value: T_GUS



GT41.hmm

200000

175000

150000

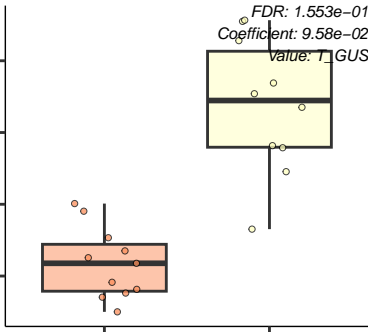
125000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.553e-01
Coefficient: 9.58e-02
value: T_GUS



GH14.hmm

FDR: 1.603e-01

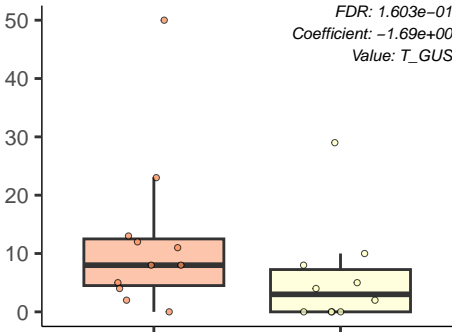
Coefficient: -1.69e+00

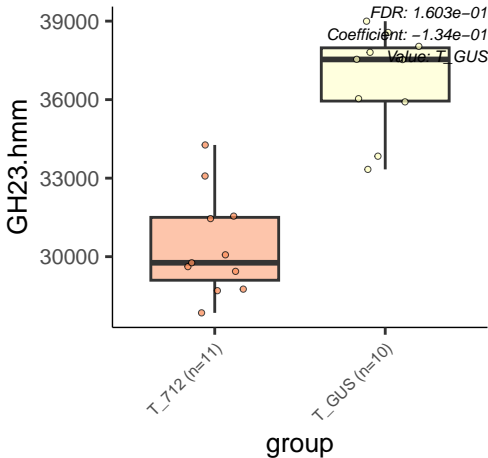
Value: T_GUS

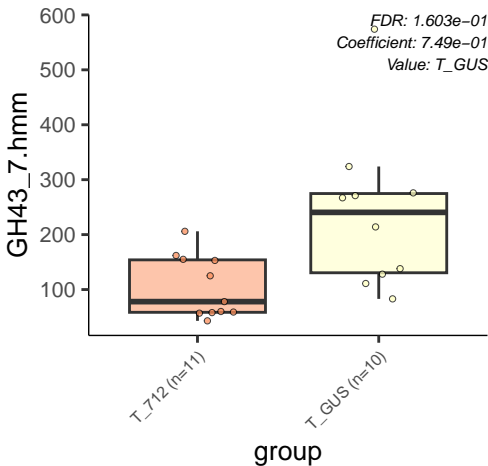
T_712 (n=11)

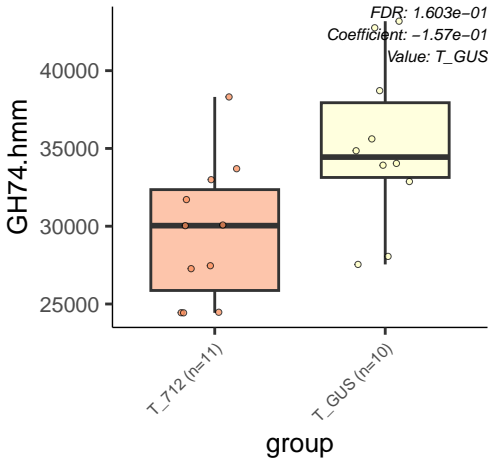
T_GUS (n=10)

group

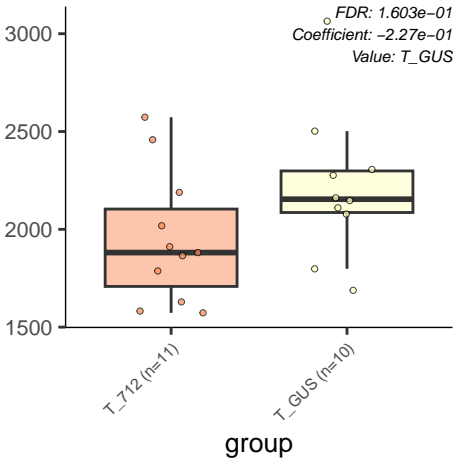




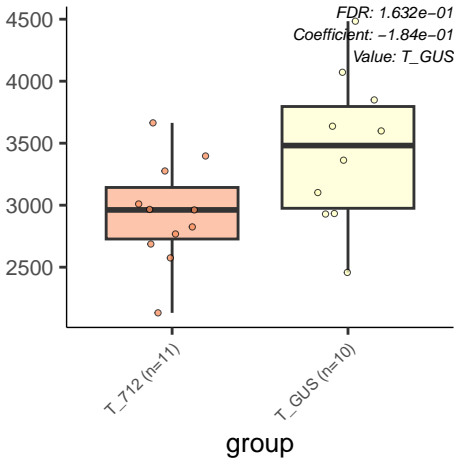




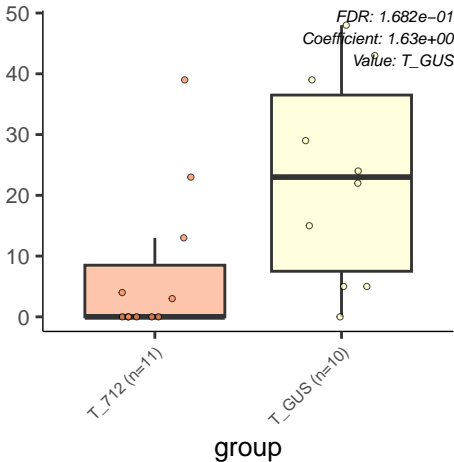
GH93.hmm

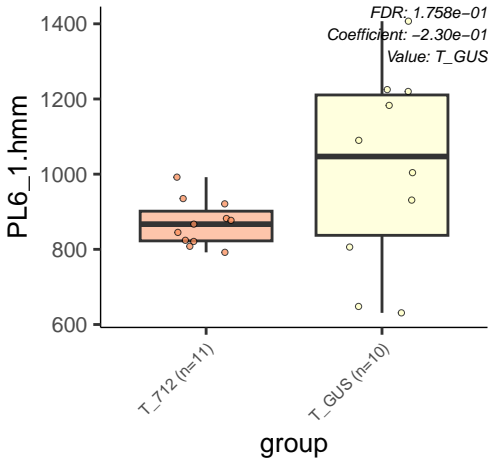


GH73.hmm

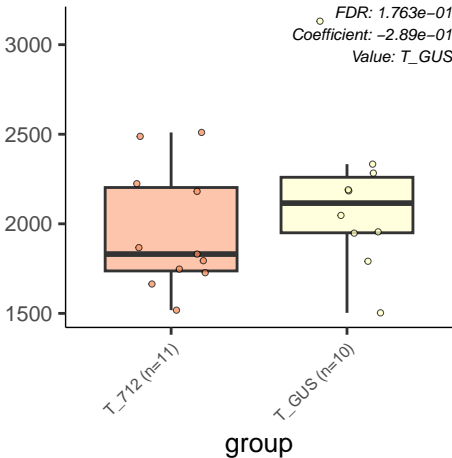


CBM76.hmm





CBM5.hmm



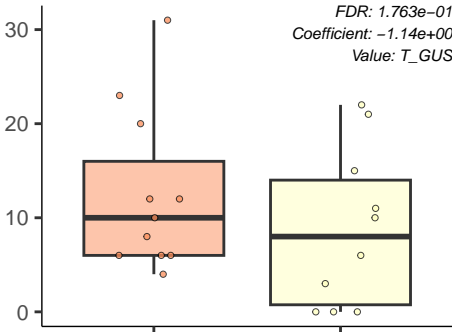
GH5_34.hmm

FDR: 1.763e-01
Coefficient: -1.14e+00
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



CBM57.hmm

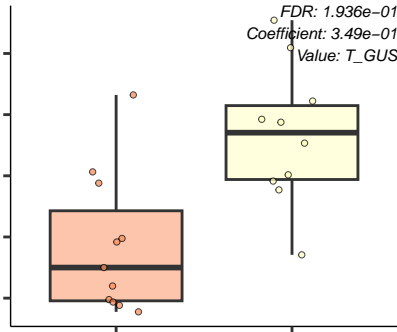
3000
2500
2000
1500
1000

T_712 (n=11)

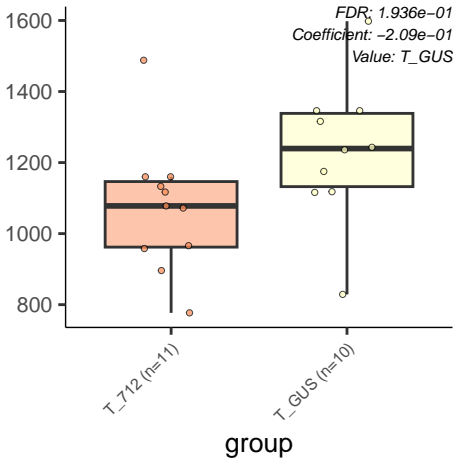
T_GUS (n=10)

group

FDR: 1.936e-01
Coefficient: 3.49e-01
Value: T_GUS



GH120.hmm



GT45.hmm

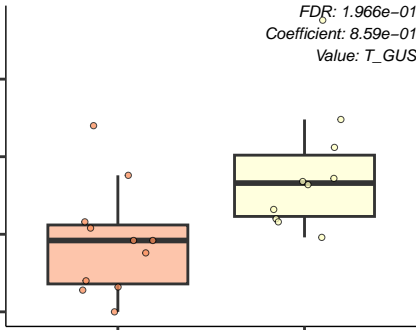
FDR: 1.966e-01
Coefficient: 8.59e-01
Value: T_GUS

T_712 (n=11)

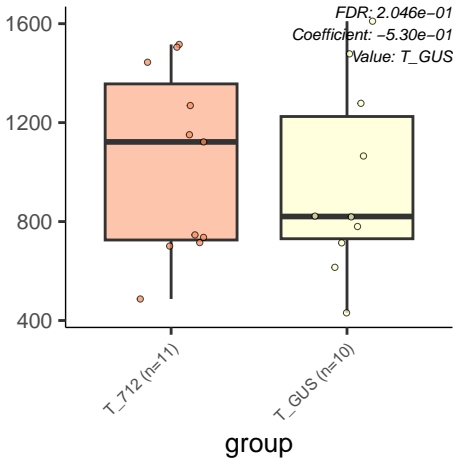
T_GUS (n=10)

group

75
50
25
0



CBM62.hmm



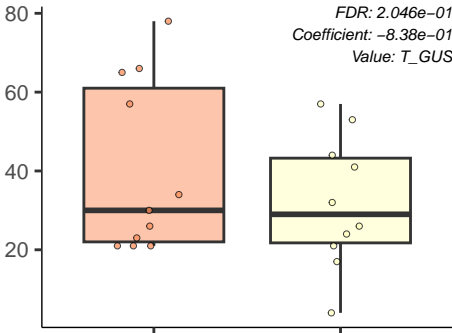
GH13_22.hmm

FDR: 2.046e-01
Coefficient: -8.38e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH43_37.hmm

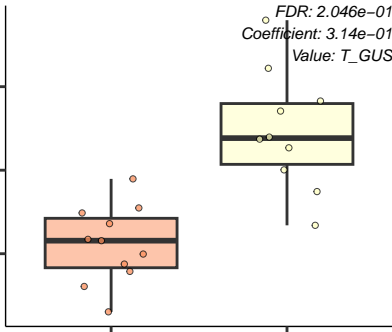
1000
750
500

T_712 (n=11)

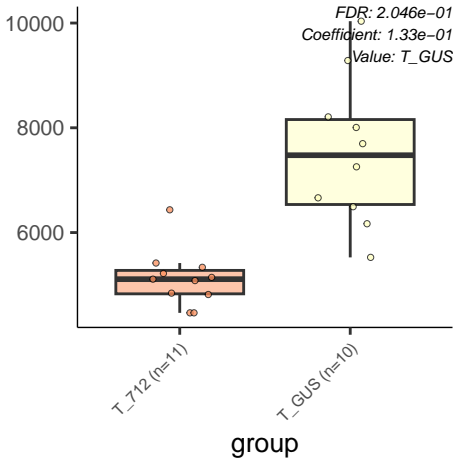
T_GUS (n=10)

group

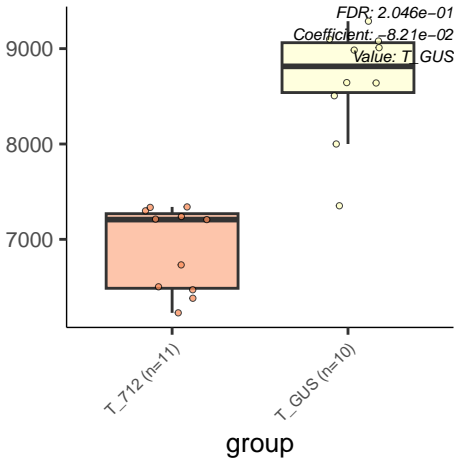
FDR: 2.046e-01
Coefficient: 3.14e-01
Value: T_GUS



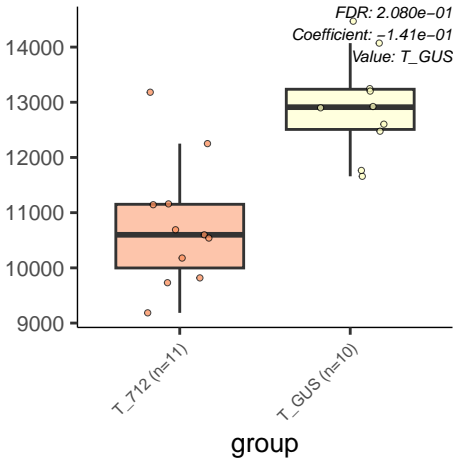
GH9.hmm

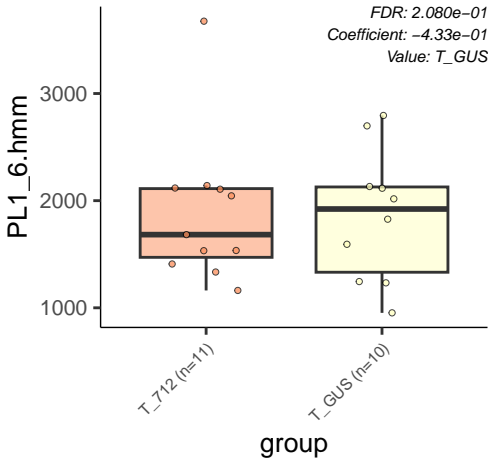


GT19.hmm

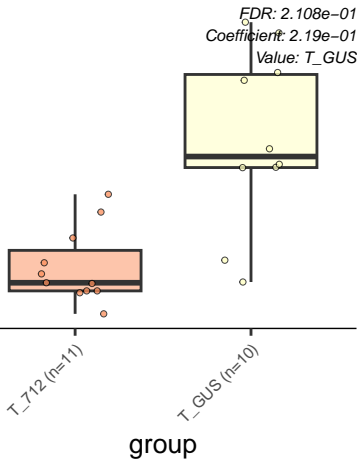


GH35.hmm





GH117.hmm





FDR: 2.173e-01

Coefficient: $-1.05e+00$

Value: *T_GUS*



group

GH13_1.hmm

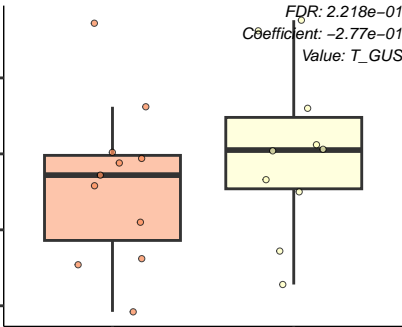
300
250
200
150

T_712 (n=11)

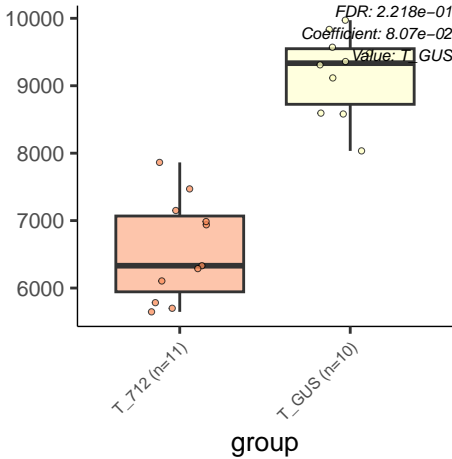
T_GUS (n=10)

group

FDR: 2.218e-01
Coefficient: -2.77e-01
Value: T_GUS



GH13_10.hmm



GH13_40.hmm

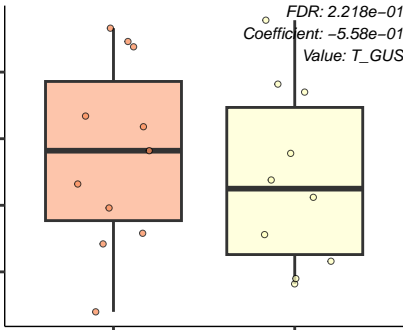
T_712 (n=11)

T_GUS (n=10)

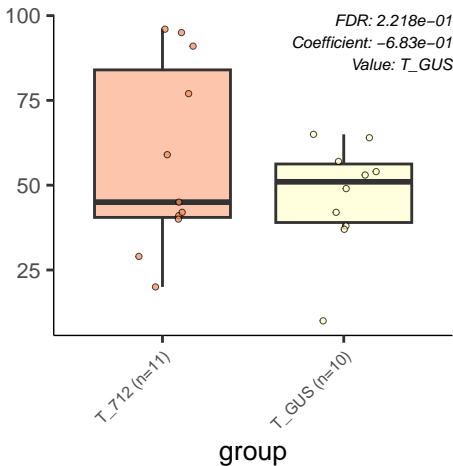
group

FDR: 2.218e-01
Coefficient: -5.58e-01
Value: T_GUS

250
200
150
100



GT56.hmm



GT75.hmm

FDR: 2.218e-01

Coefficient: -2.91e-01

Value: T_GUS

250

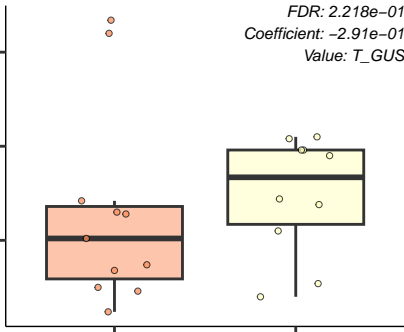
200

150

T_712 (n=11)

T_GUS (n=10)

group



PL1_7.hmm

100

50

T_712 (n=11)

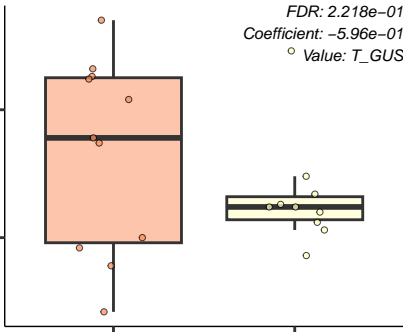
T_GUS (n=10)

group

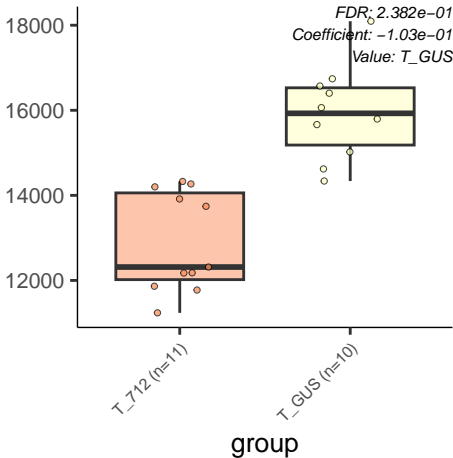
FDR: 2.218e-01

Coefficient: -5.96e-01

○ Value: T_GUS



GH103.hmm



GH32.hmm

8000

7000

6000

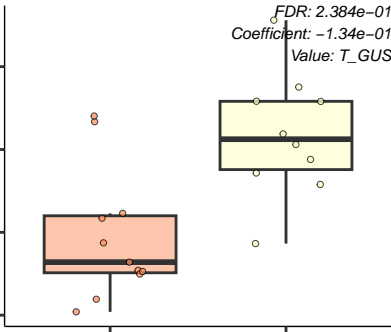
5000

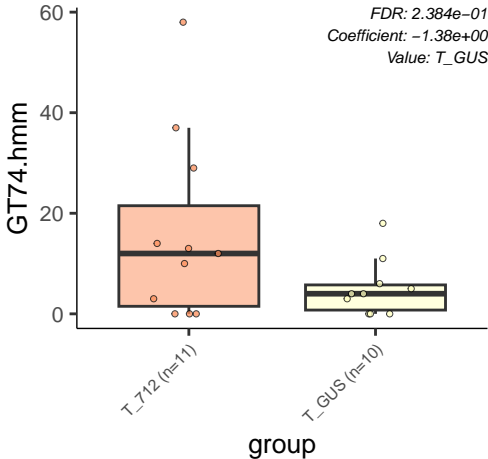
T_712 (n=11)

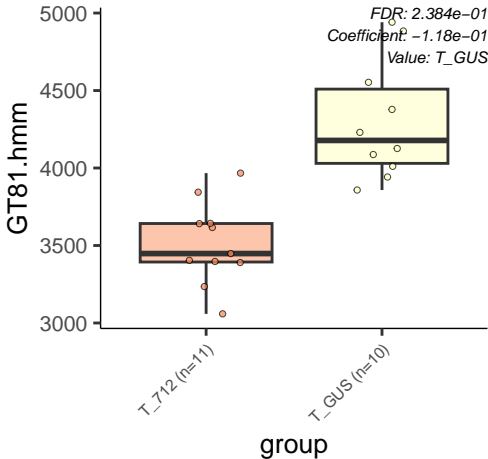
T_GUS (n=10)

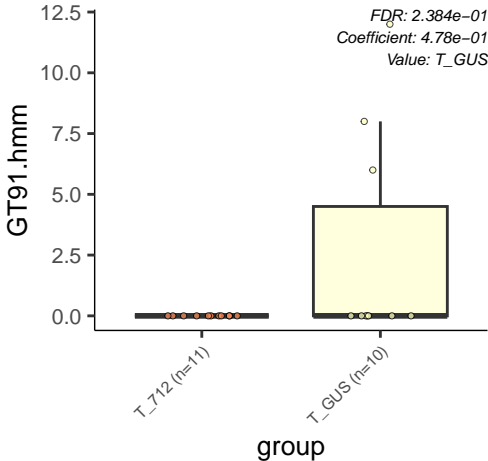
group

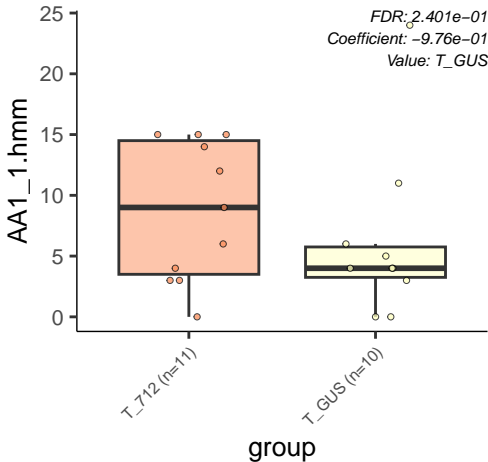
FDR: 2.384e-01
Coefficient: -1.34e-01
Value: T_GUS

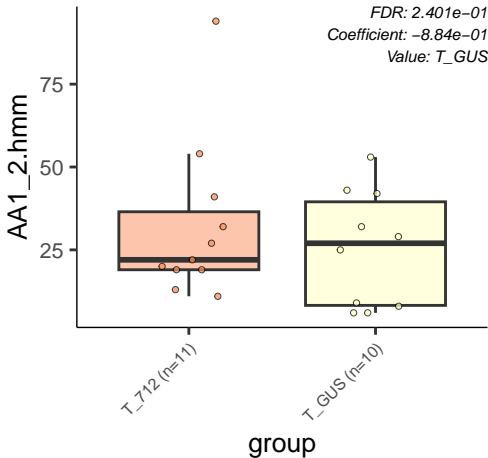


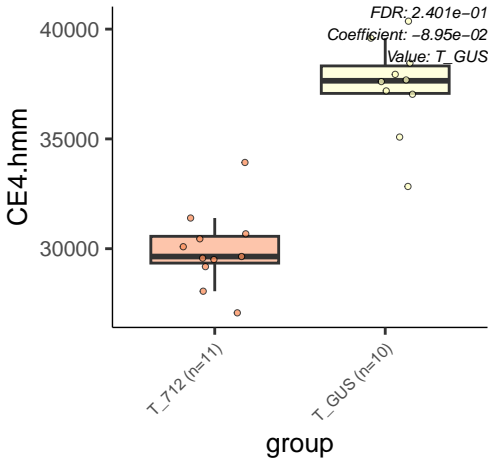












GH123.hmm

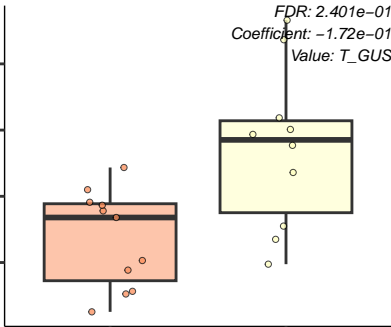
2000
1800
1600
1400

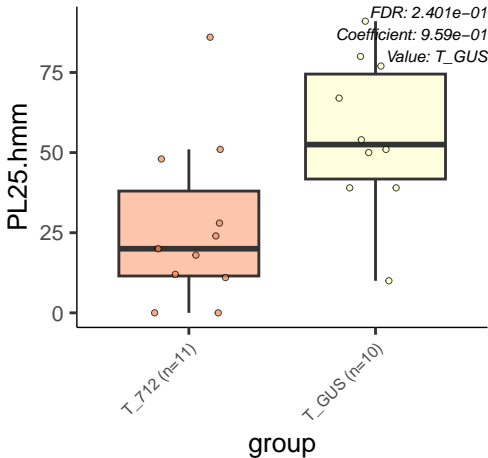
T_712 (n=11)

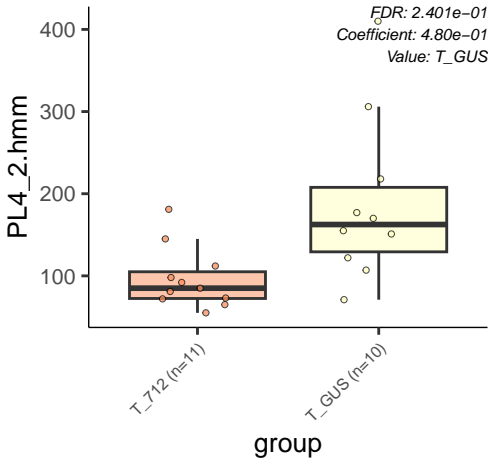
T_GUS (n=10)

group

FDR: 2.401e-01
Coefficient: -1.72e-01
Value: T_GUS







PL7.hmm

100

80

60

40

20

T_712 (n=11)

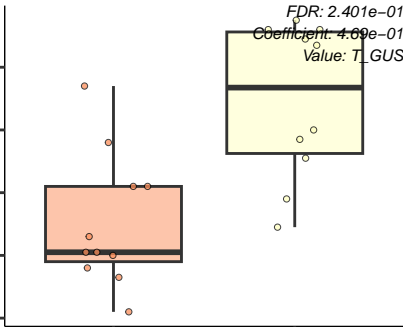
T_GUS (n=10)

group

FDR: 2.401e-01

Coefficient: 4.69e-01

Value: T_GUS



GT20.hmm

