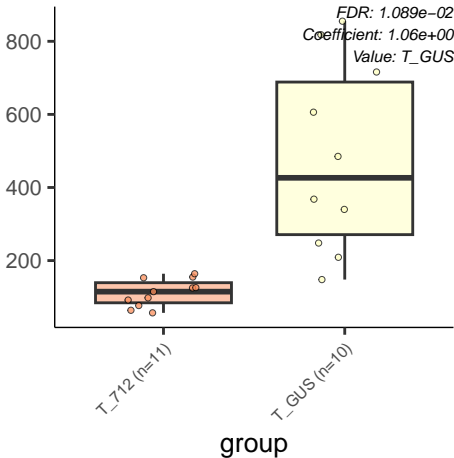
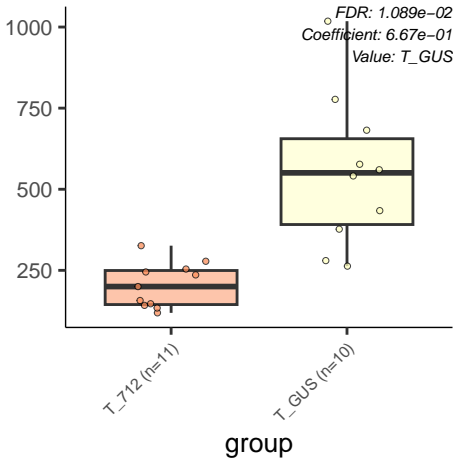


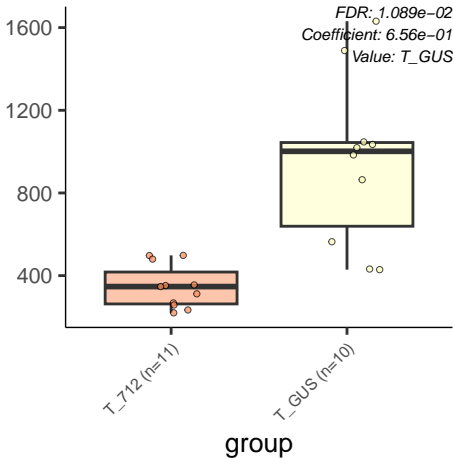
CBM11.hmm



CBM47.hmm



GH100.hmm



GH107.hmm

150

100

50

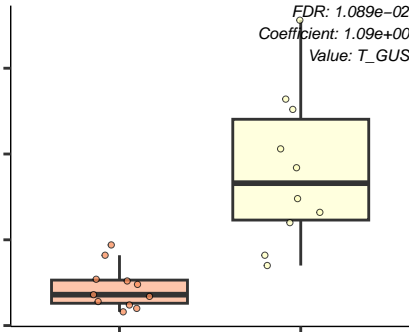
0

T_712 (n=11)

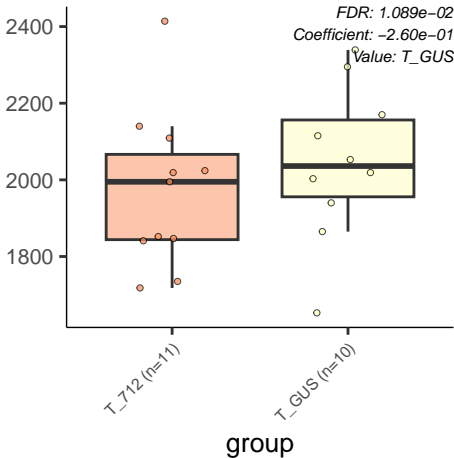
T_GUS (n=10)

group

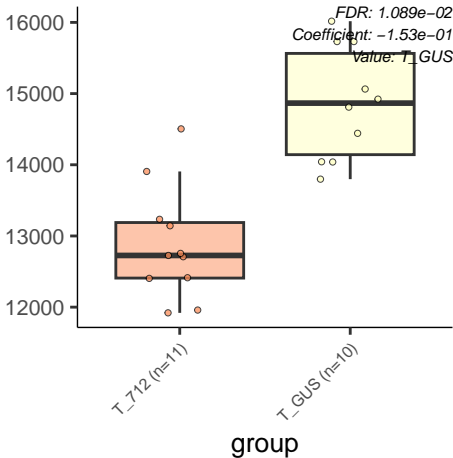
FDR: 1.089e-02
Coefficient: 1.09e+00
Value: T_GUS

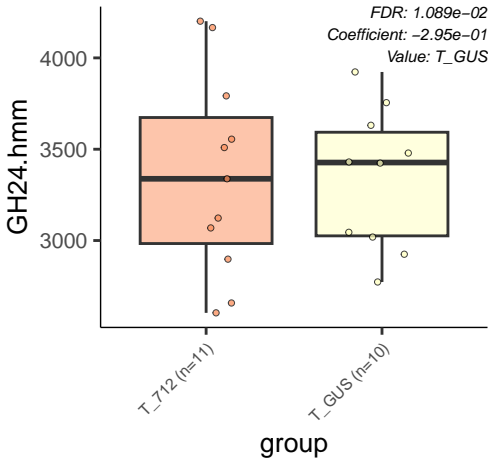


GH125.hmm

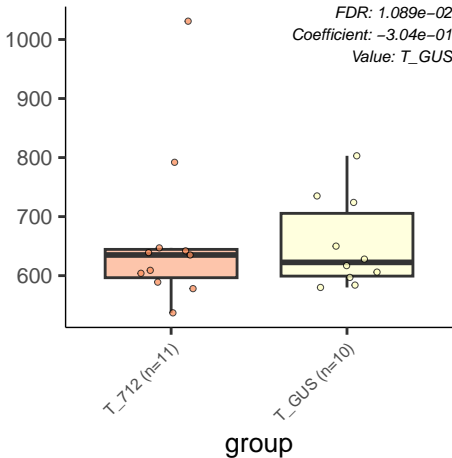


GH20.hmm

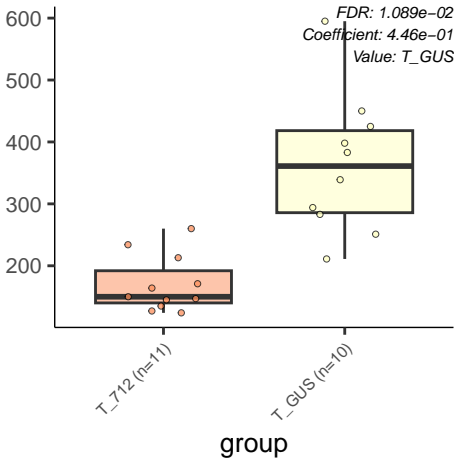


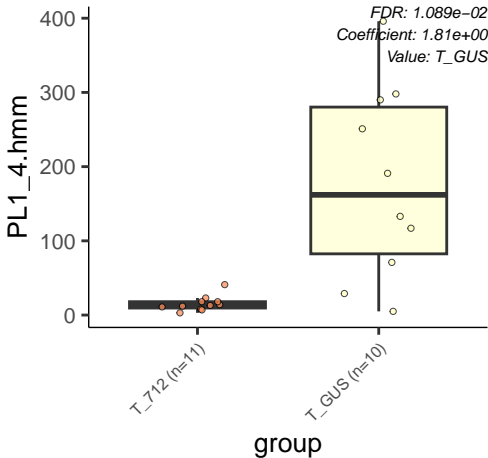


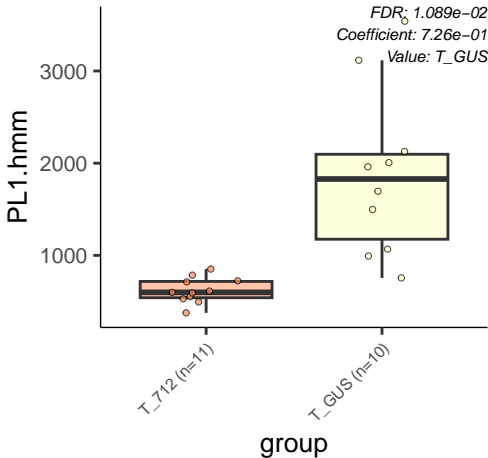
GH47.hmm



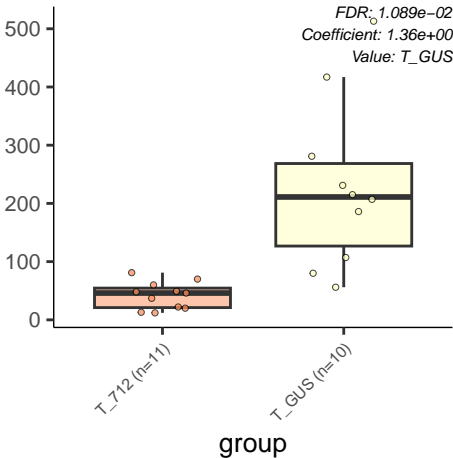
GH5_36.hmm

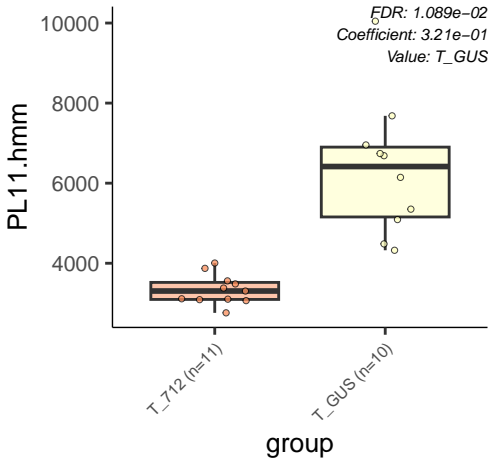


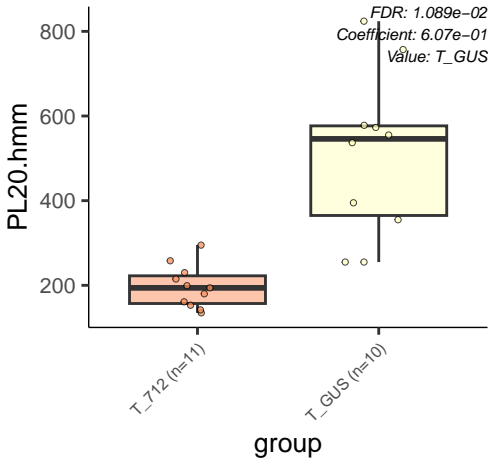


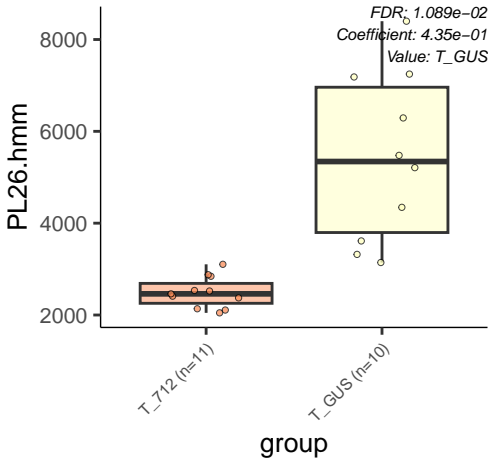


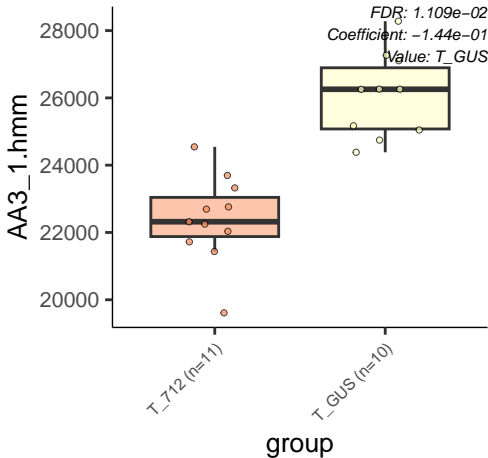
PL10_2.hmm



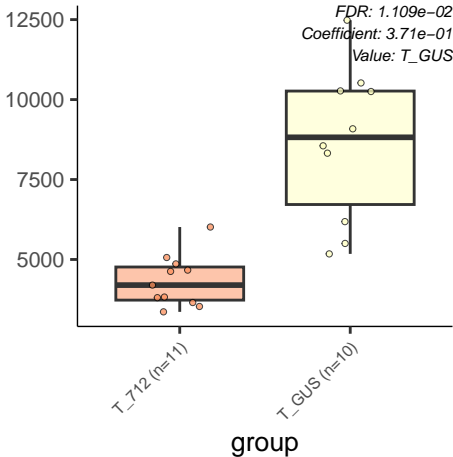




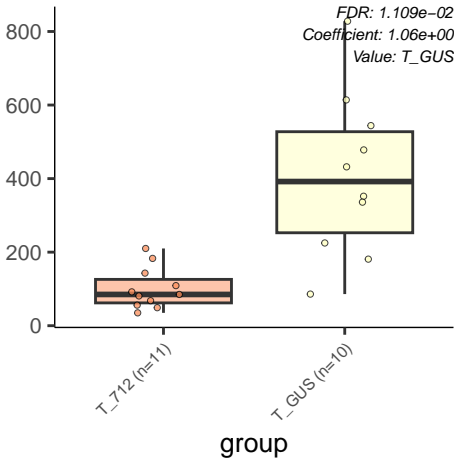




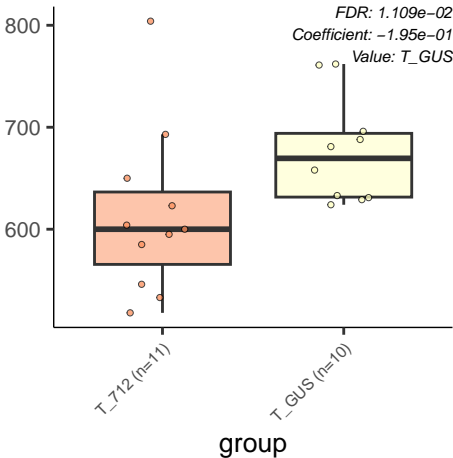
CE15.hmm



GH52.hmm



GH66.hmm



CBM61.hmm

1000

750

500

250

T_712 (n=11)

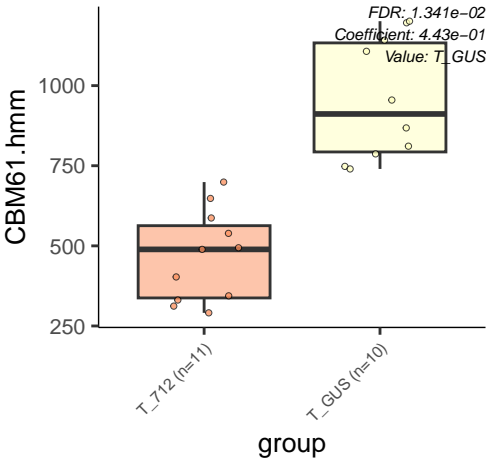
T_GUS (n=10)

group

FDR: 1.341e-02

Coefficient: 4.43e-01

Value: T_GUS



GH13_2.hmm

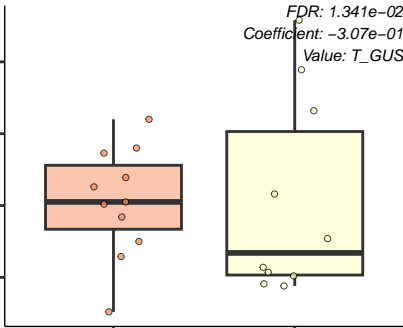
900
800
700
600

T_712 (n=11)

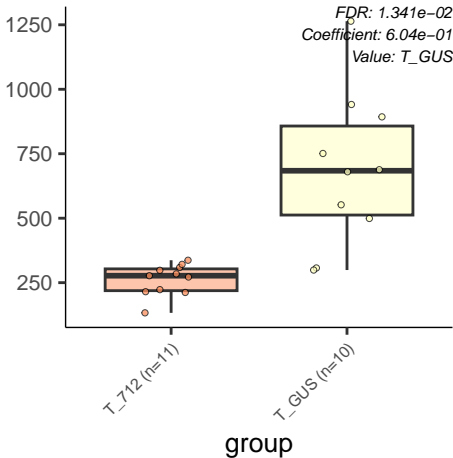
T_GUS (n=10)

group

FDR: 1.341e-02
Coefficient: -3.07e-01
Value: T_GUS



GH43_17.hmm



GH5_13.hmm

FDR: 1.341e-02

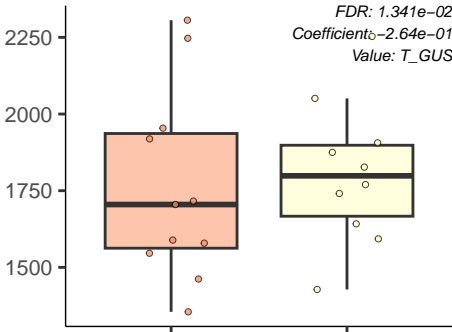
Coefficient: -2.64e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



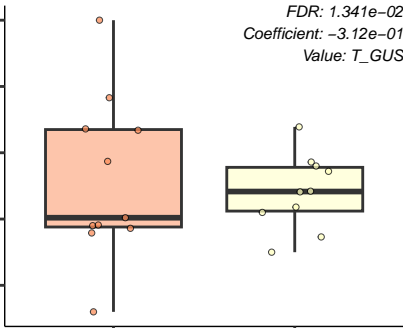
GT14.hmm

FDR: 1.341e-02
Coefficient: -3.12e-01
Value: T_GUS

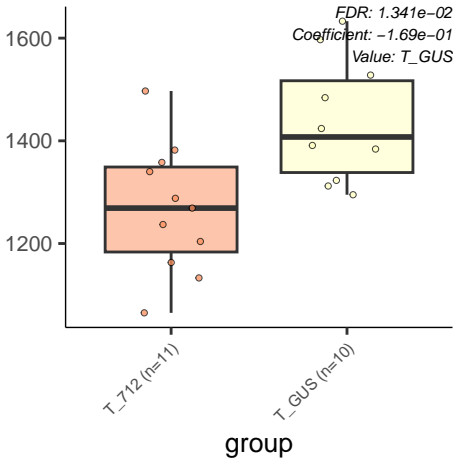
T_712 (n=11)

T_GUS (n=10)

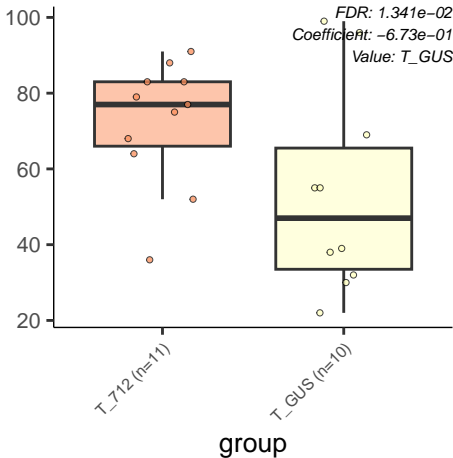
group



GT25.hmm



GT77.hmm



GH13_36.hmm

FDR: 1.380e-02

Coefficient: -2.61e-01

Value: T_GUS

2000

1750

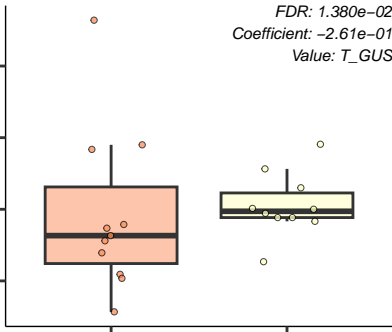
1500

1250

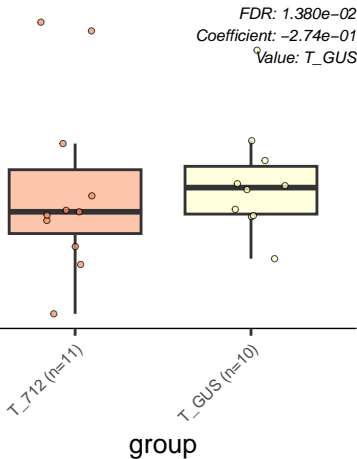
T_712 (n=11)

T_GUS (n=10)

group



GH43_9.hmm



PL11_2.hmm

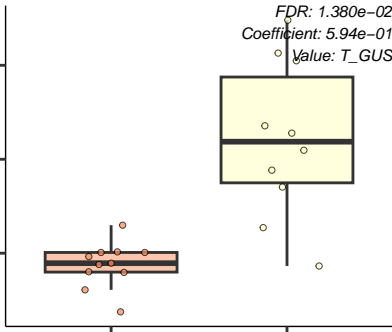
1500
1000
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.380e-02
Coefficient: 5.94e-01
Value: T_GUS



GH43_31.hmm

FDR: 1.451e-02

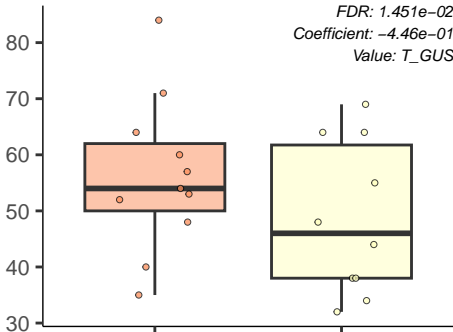
Coefficient: -4.46e-01

Value: T_GUS

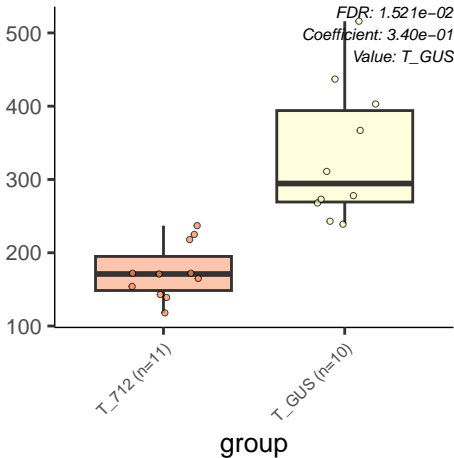
T_712 (n=11)

T_GUS (n=10)

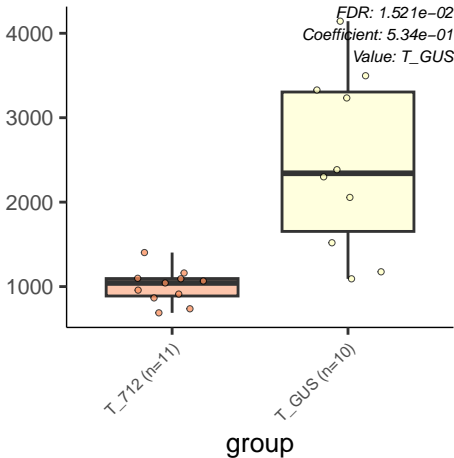
group



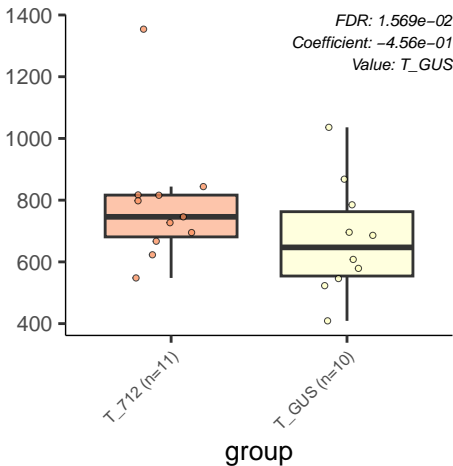
CBM63.hmm



PL22_2.hmm



GH13_4.hmm



GH44.hmm

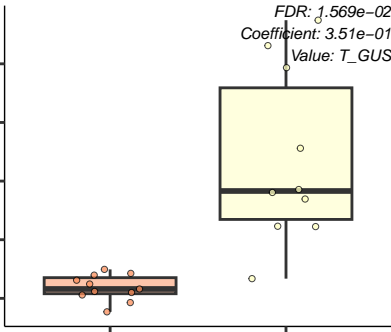
3000
2500
2000
1500
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.569×10^{-2}
Coefficient: 3.51×10^{-1}
Value: T_GUS



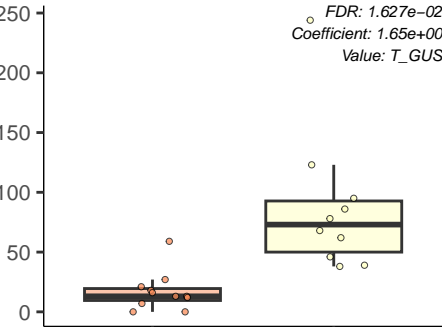
CBM59.hmm

FDR: 1.627e-02
Coefficient: 1.65e+00
Value: T_GUS

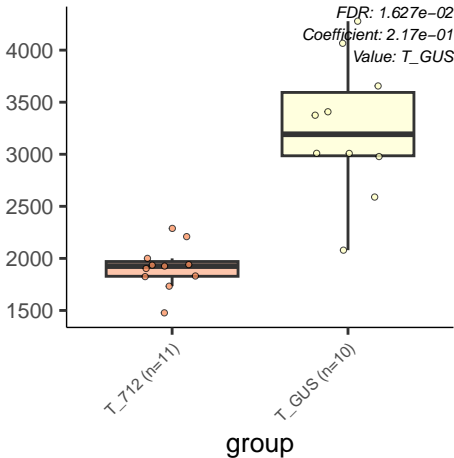
T_712 (n=11)

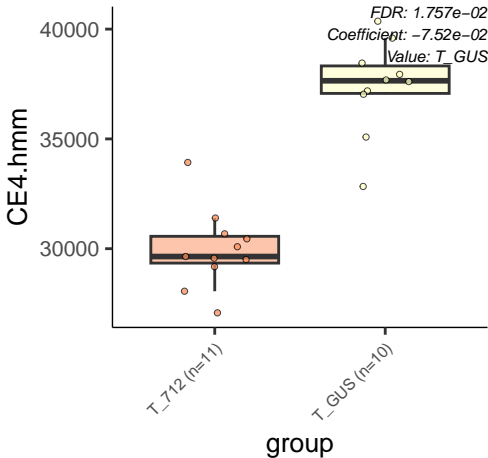
T_GUS (n=10)

group



GH133.hmm





GH97.hmm

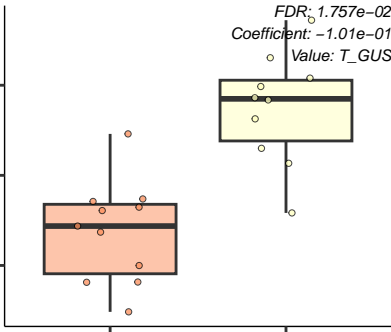
T_712 (n=11)

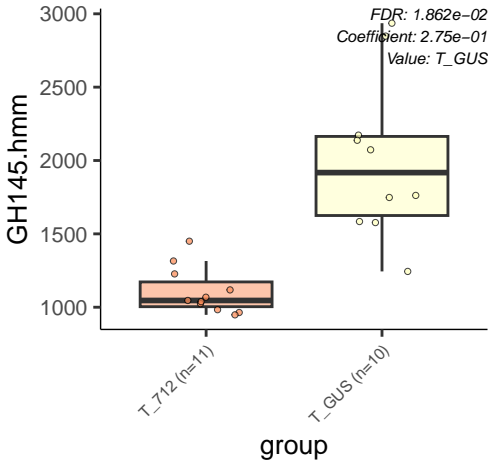
T_GUS (n=10)

group

FDR: 1.757×10^{-2}
Coefficient: -1.01×10^{-1}
Value: T_GUS

8000
7000
6000





GH81.hmm

1200

800

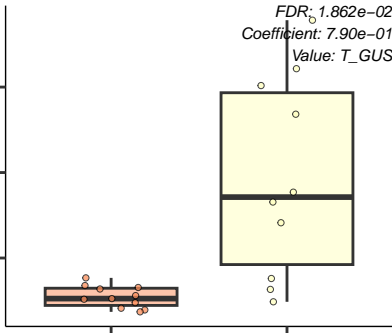
400

T_712 (n=11)

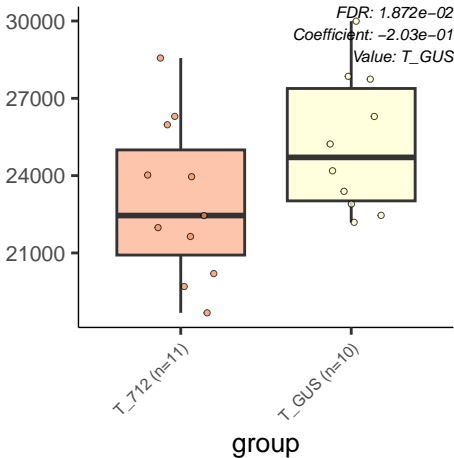
T_GUS (n=10)

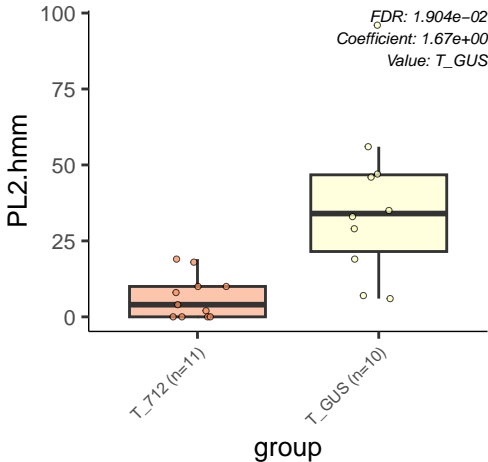
group

FDR: 1.862e-02
Coefficient: 7.90e-01
Value: T_GUS



CBM50.hmm





GH30.hmm

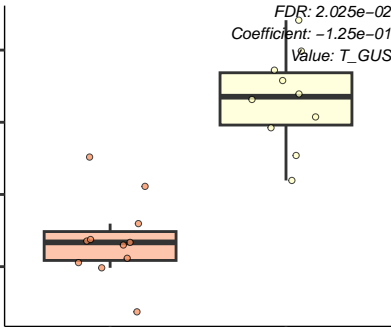
T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.025e-02
Coefficient: -1.25e-01
Value: T_GUS

6500
6000
5500
5000



GH143.hmm

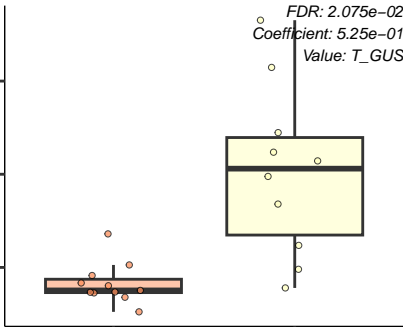
900
600
300

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.075e-02
Coefficient: 5.25e-01
Value: T_GUS



GT89.hmm

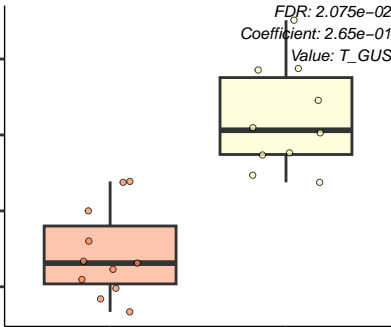
2500
2000
1500
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.075e-02
Coefficient: 2.65e-01
Value: T_GUS



GH13_21.hmm

FDR: 2.161e-02

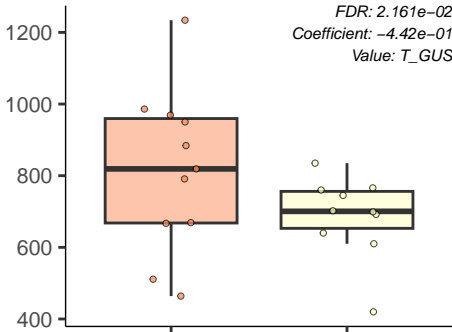
Coefficient: -4.42e-01

Value: T_GUS

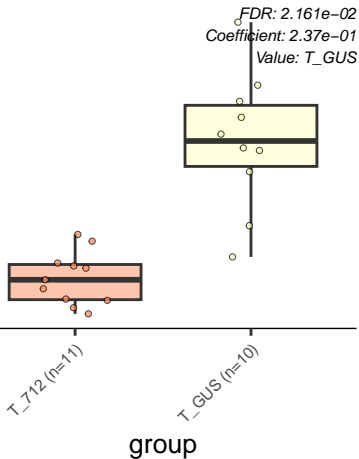
T_712 (n=11)

T_GUS (n=10)

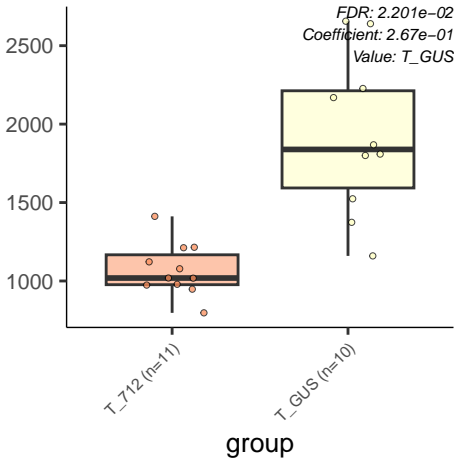
group



GT46.hmm



GH43_11.hmm



CE12.hmm

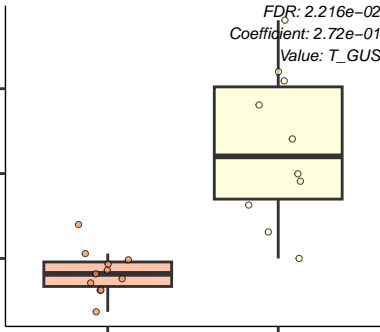
12000
9000
6000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.216e-02
Coefficient: 2.72e-01
Value: T_GUS



GH45.hmm

400

300

200

100

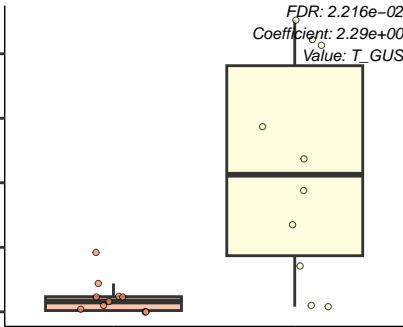
0

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.216e-02
Coefficient: 2.29e+00
Value: T_GUS



GH5_2.hmm

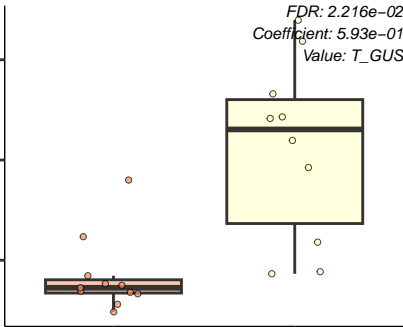
600
400
200

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.216e-02
Coefficient: 5.93e-01
Value: T_GUS



GT51.hmm

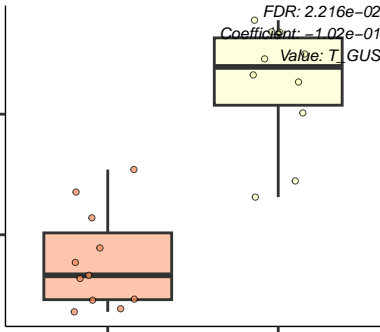
40000
35000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.216e-02
Coefficient: -1.02e-01
Value: T_GUS



PL6_2.hmm

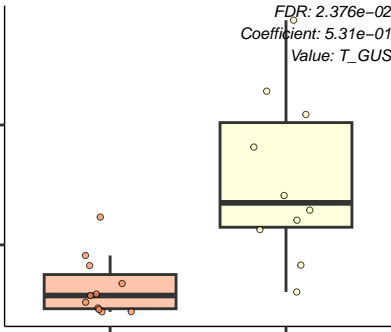
1000
500

T_712 (n=11)

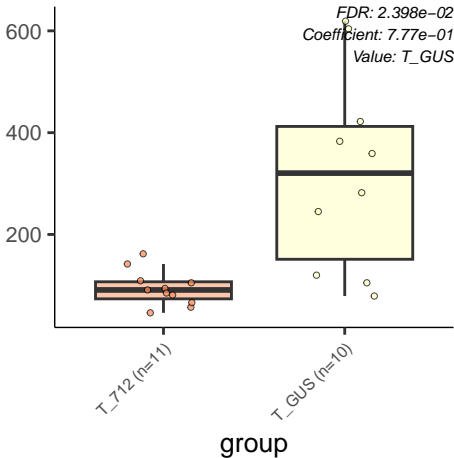
T_GUS (n=10)

group

FDR: 2.376e-02
Coefficient: 5.31e-01
Value: T_GUS



CBM23.hmm



GH17.hmm

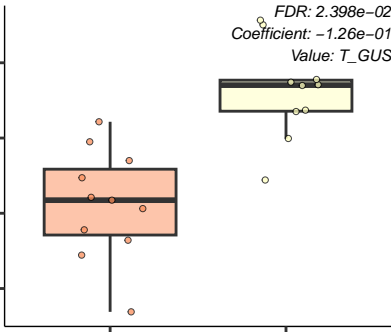
5000
4500
4000
3500

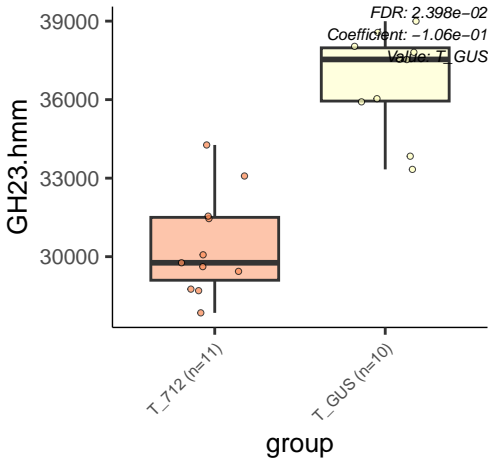
T_712 (n=11)

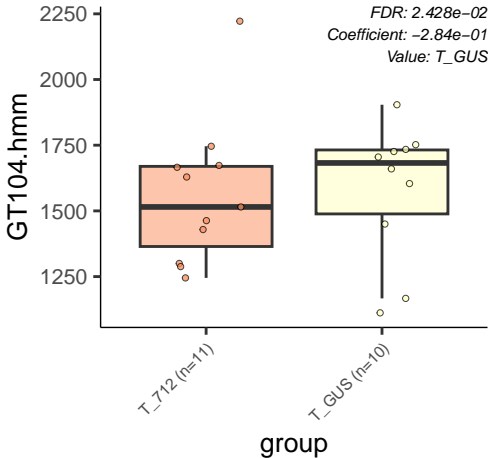
T_GUS (n=10)

group

FDR: 2.398e-02
Coefficient: -1.26e-01
Value: T_GUS







GH89.hmm

FDR: 2.605e-02

Coefficient: -2.83e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

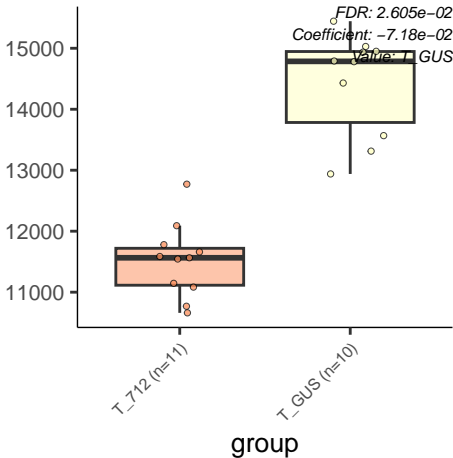
group

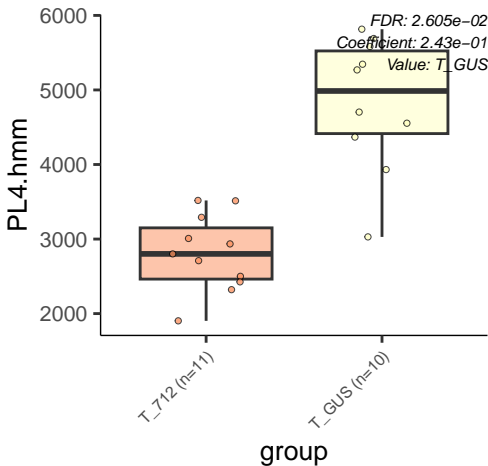
2400

2000

1600

GT20.hmm





PL7_4.hmm

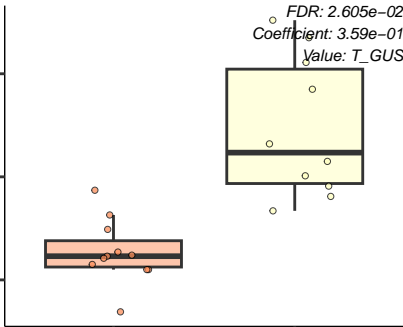
300
200
100

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.605e-02
Coefficient: 3.59e-01
Value: T_GUS



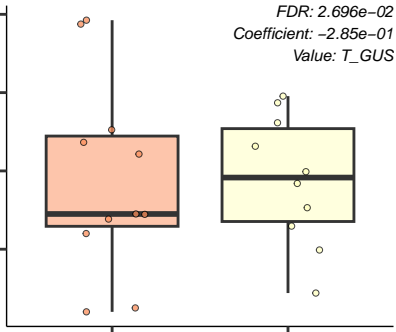
GH43_29.hmm

FDR: 2.696e-02
Coefficient: -2.85e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH121.hmm

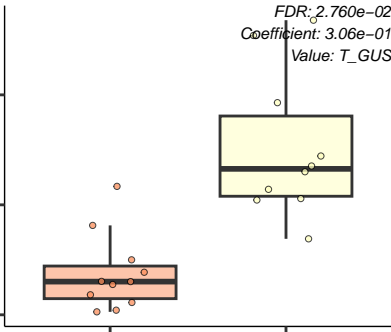
3000
2000
1000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.760e-02
Coefficient: 3.06e-01
Value: T_GUS



GH5_10.hmm

200

100

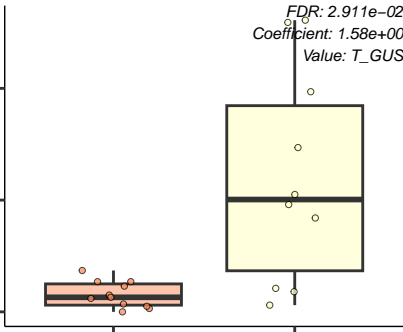
0

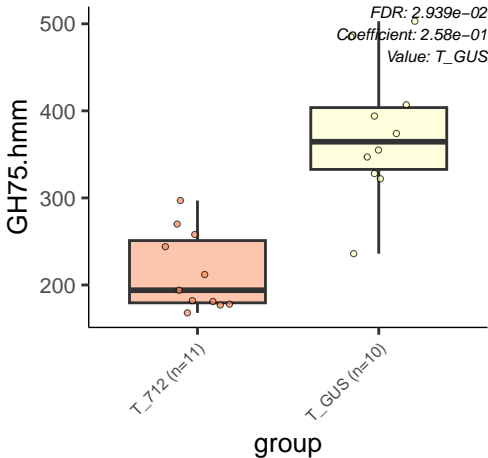
T_712 (n=11)

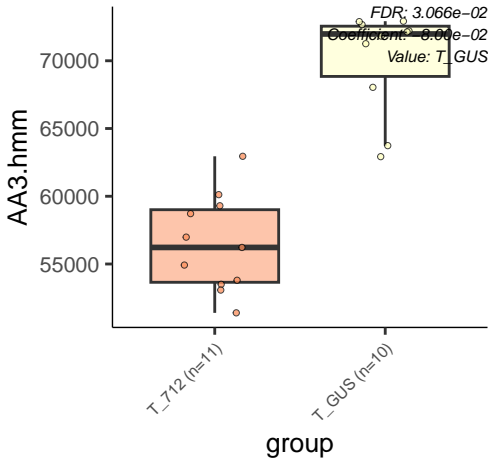
T_GUS (n=10)

group

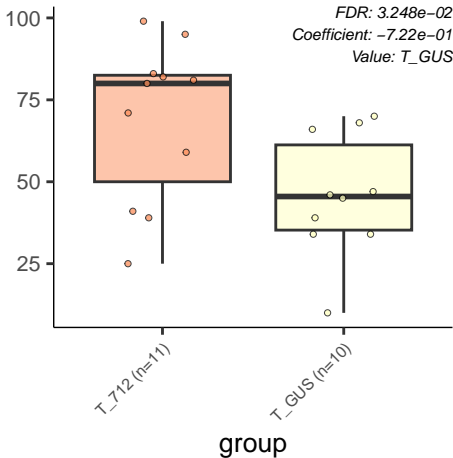
FDR: 2.911e-02
Coefficient: 1.58e+00
Value: T_GUS







PL5_1.hmm



AA2.hmm

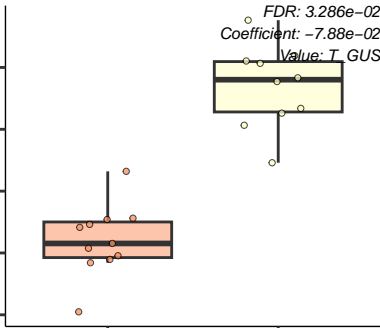
13000
12000
11000
10000
9000

T_712 (n=11)

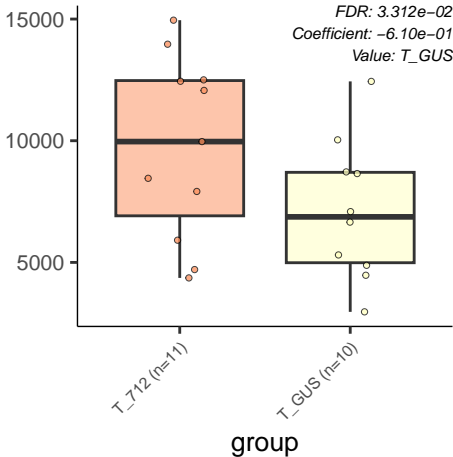
T_GUS (n=10)

group

FDR: 3.286e-02
Coefficient: -7.88e-02
Value: T_GUS



CBM4.hmm



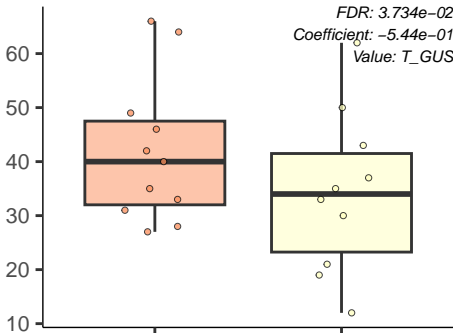
GT15.hmm

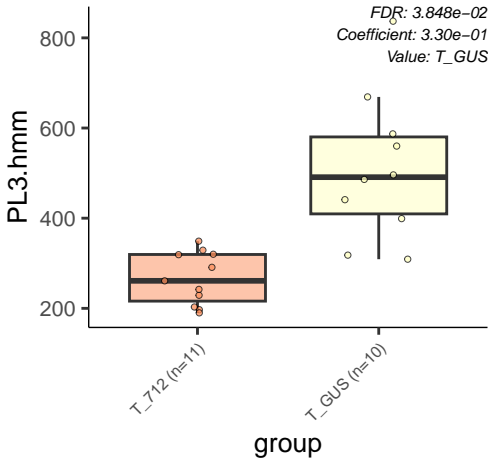
T_712 (n=11)

T_GUS (n=10)

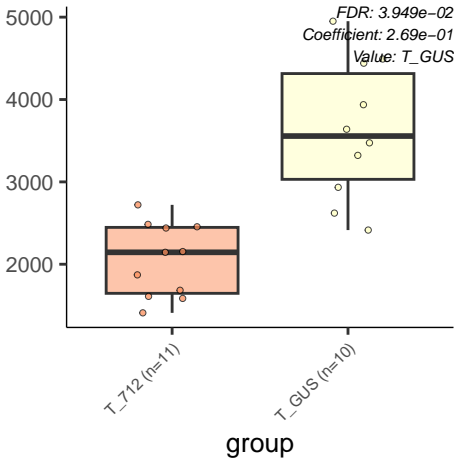
group

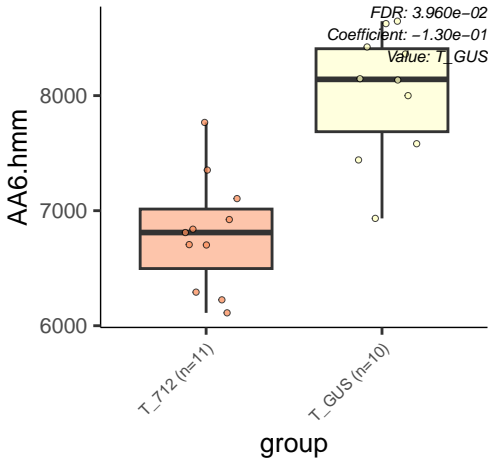
FDR: $3.734e-02$
Coefficient: $-5.44e-01$
Value: T_GUS





GH140.hmm





PL9_4.hmm

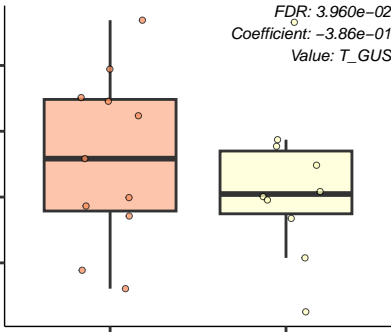
FDR: 3.960e-02
Coefficient: -3.86e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

1500
1250
1000
750



CE6.hmm

6000

5000

4000

3000

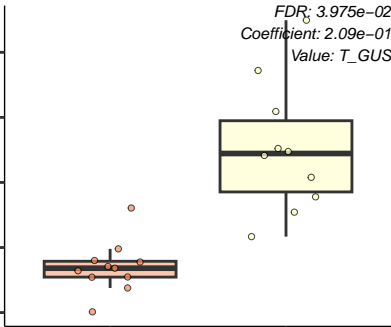
2000

T_712 (n=11)

T_GUS (n=10)

group

FDR: $3.975e-02$
Coefficient: $2.09e-01$
Value: T_GUS



GH36.hmm

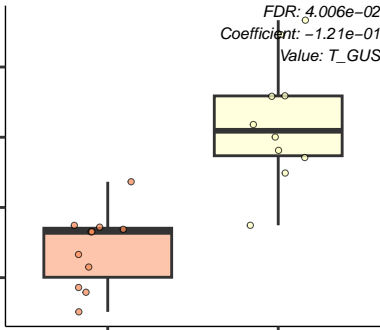
12000
11000
10000
9000

T_712 (n=11)

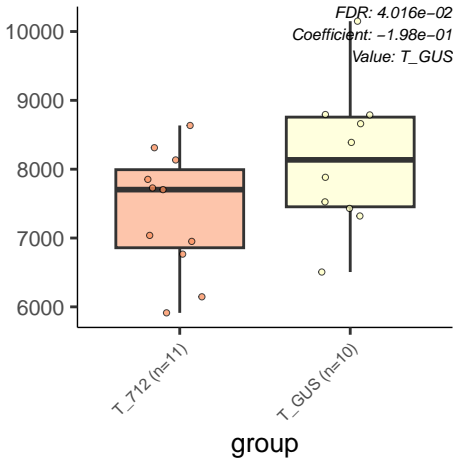
T_GUS (n=10)

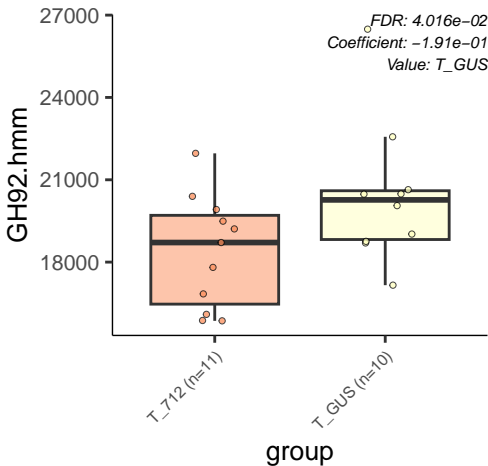
group

FDR: $4.006e-02$
Coefficient: $-1.21e-01$
Value: T_GUS

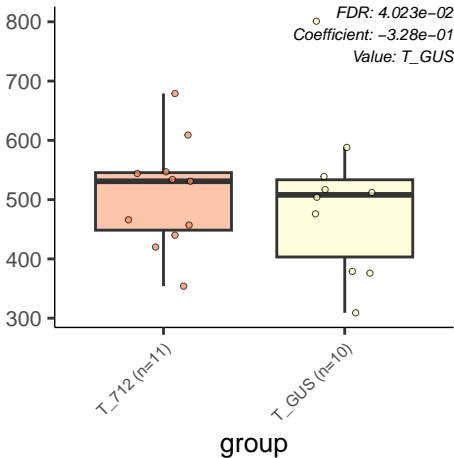


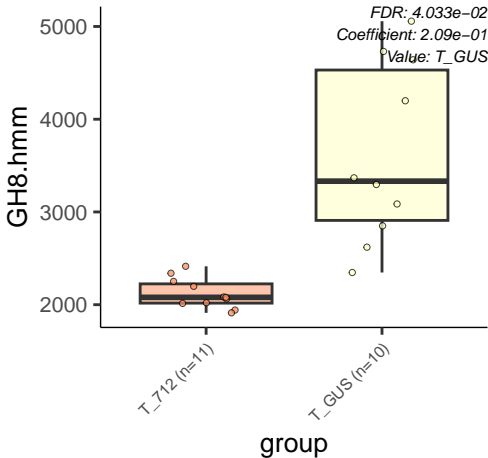
GH65.hmm





GH135.hmm





GH26.hmm

6000

5000

4000

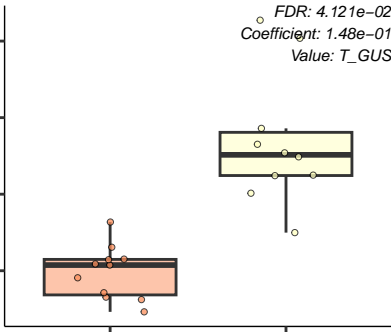
3000

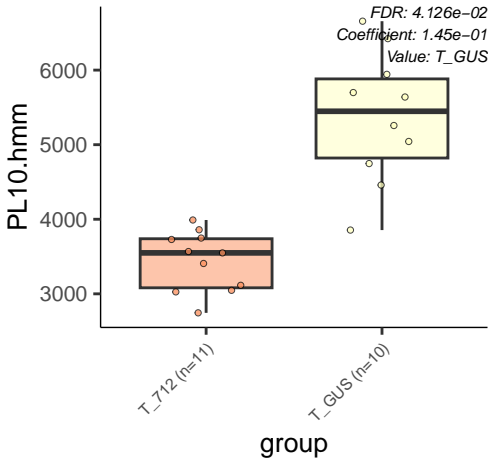
T_712 (n=11)

T_GUS (n=10)

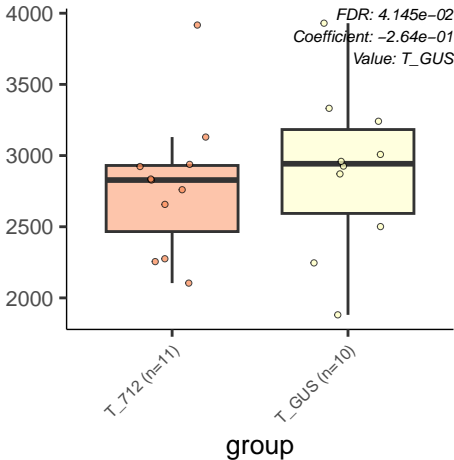
group

FDR: 4.121e-02
Coefficient: 1.48e-01
Value: T_GUS





GH13_13.hmm



GH13_23.hmm

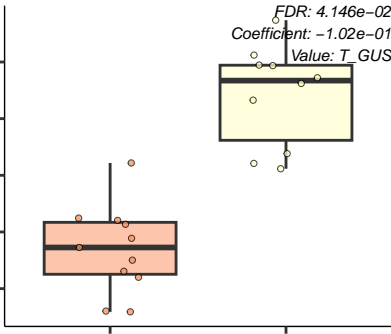
T_712 (n=11)

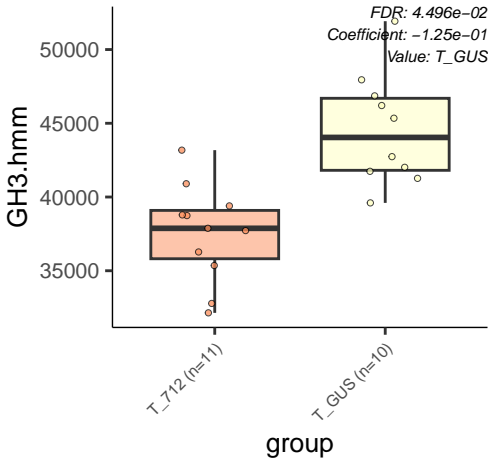
T_GUS (n=10)

group

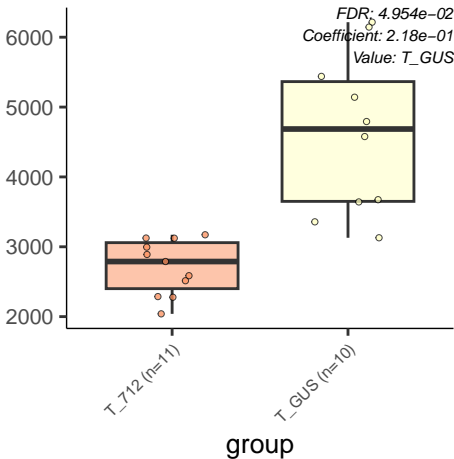
FDR: 4.146e-02
Coefficient: -1.02e-01
Value: T_GUS

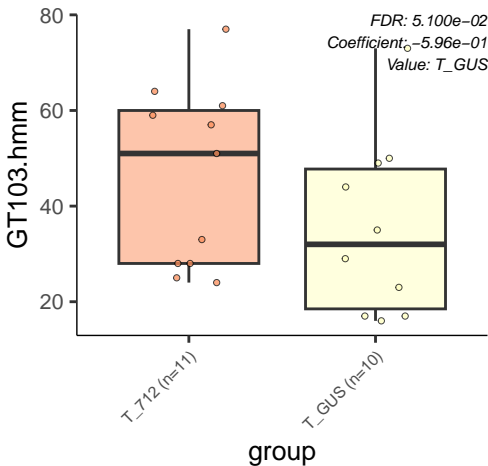
8000
7500
7000
6500
6000





GH5.hmm





GH30_4.hmm

400

300

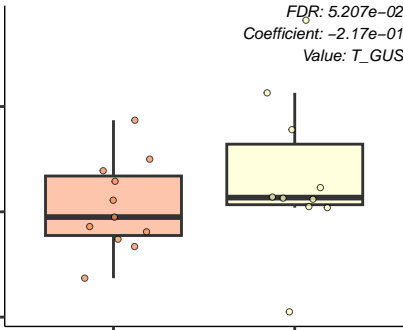
200

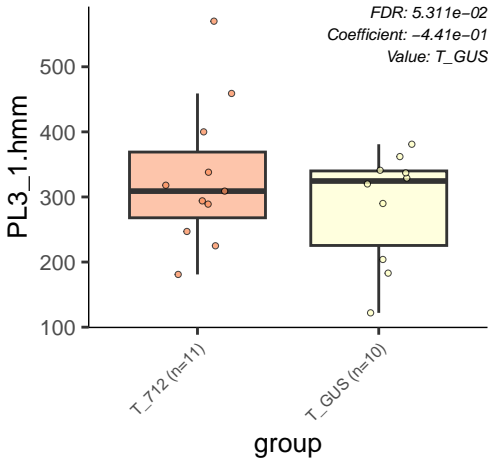
T_712 (n=11)

T_GUS (n=10)

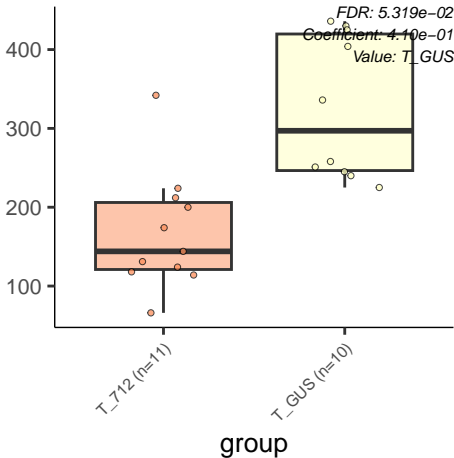
group

FDR: 5.207e-02
Coefficient: -2.17e-01
Value: T_GUS





GH43_8.hmm



PL9_3.hmm

T_712 (n=11)

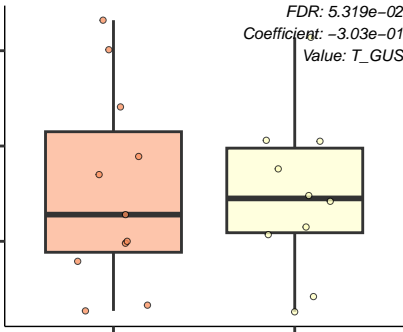
T_GUS (n=10)

group

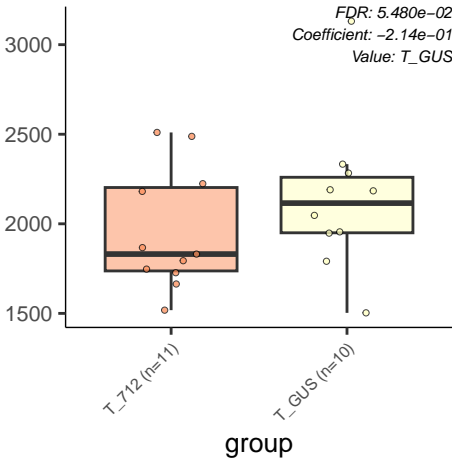
FDR: 5.319e-02

Coefficient: -3.03e-01

Value: T_GUS



CBM5.hmm



GH31.hmm

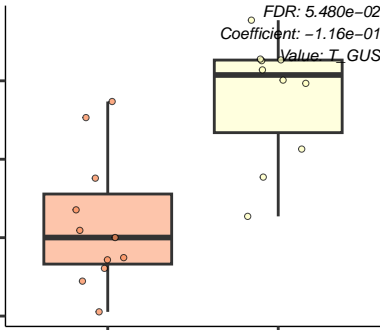
20000
18000
16000
14000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.480e-02
Coefficient: -1.16e-01
Value: T_GUS



GH109.hmm

70000

60000

50000

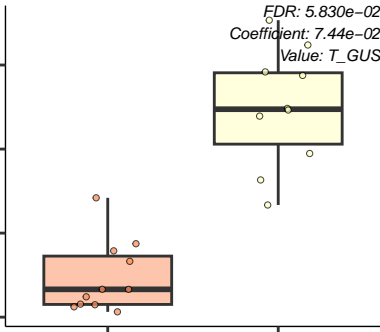
40000

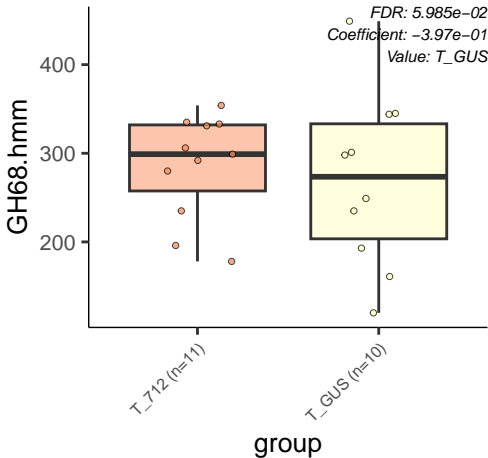
T_712 (n=11)

T_GUS (n=10)

group

FDR: 5.830e-02
Coefficient: 7.44e-02
Value: T_GUS





GH5_41.hmm

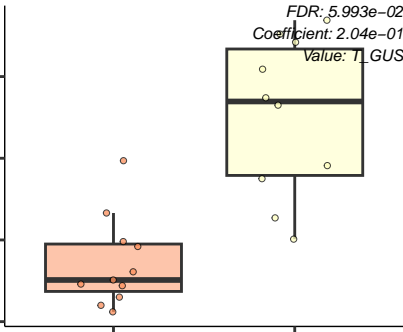
500
400
300
200

T_712 (n=11)

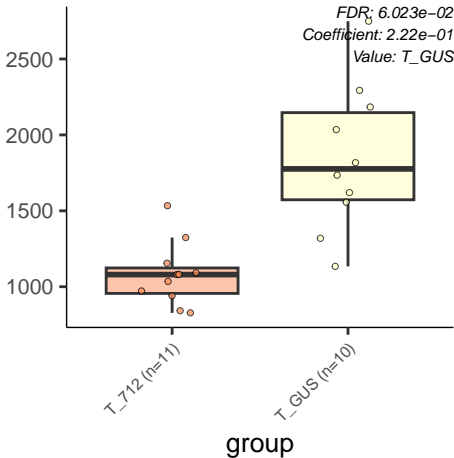
T_GUS (n=10)

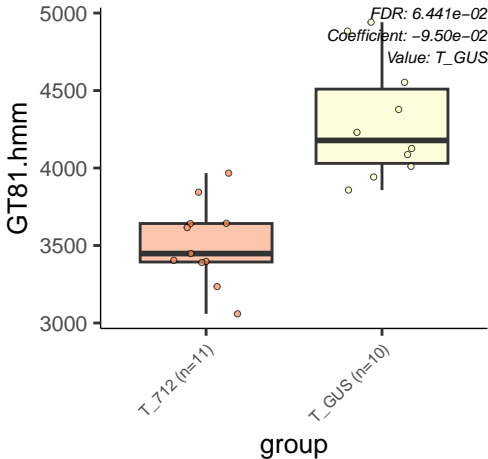
group

FDR: $5.993e-02$
Coefficient: $2.04e-01$
Value: T_GUS

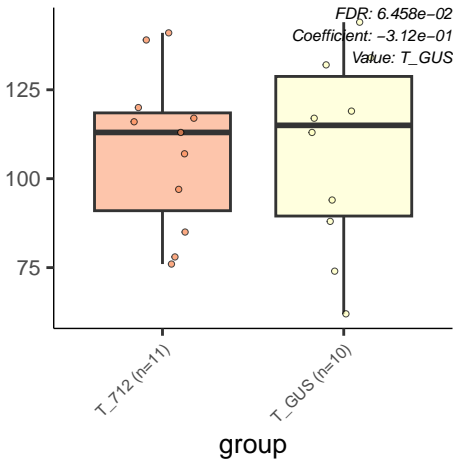


GH138.hmm

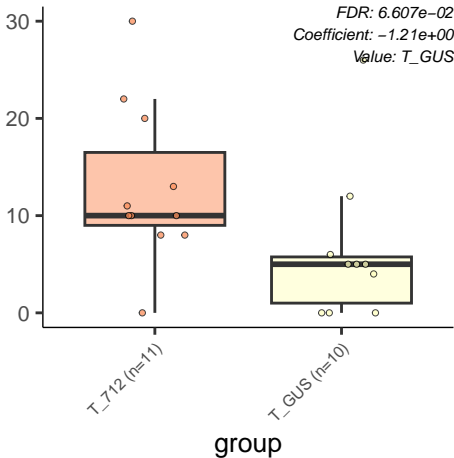




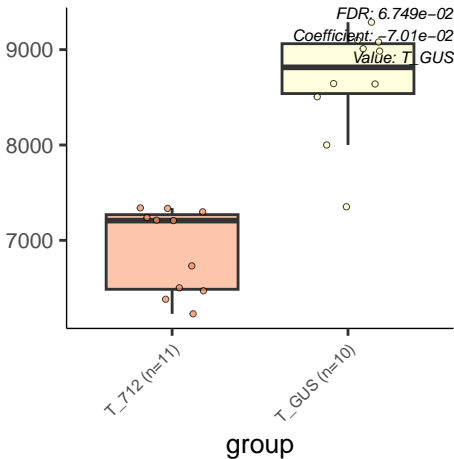
GH30_2.hmm

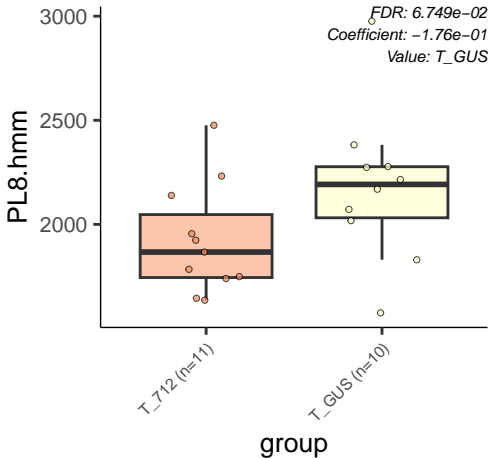


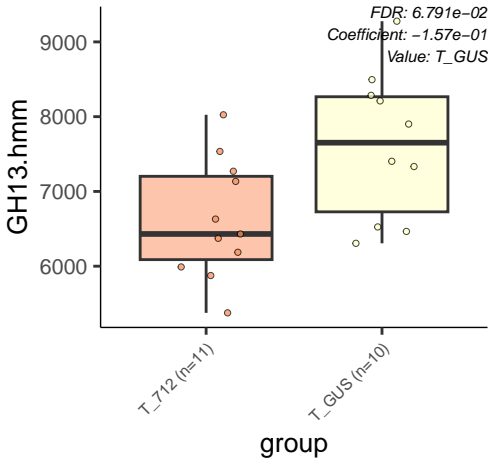
PL7_2.hmm

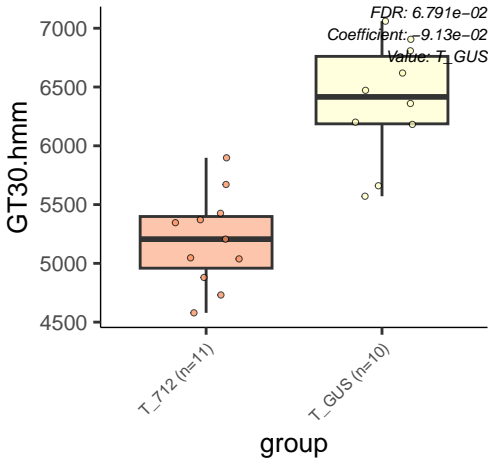


GT19.hmm









GT66.hmm

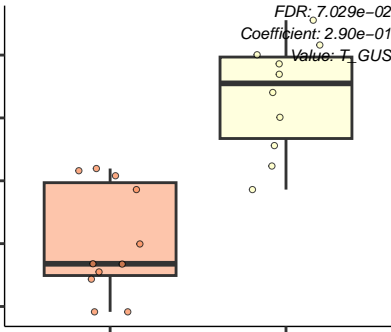
1200
1000
800
600
400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 7.029e-02
Coefficient: 2.90e-01
Value: T_GUS



GH49.hmm

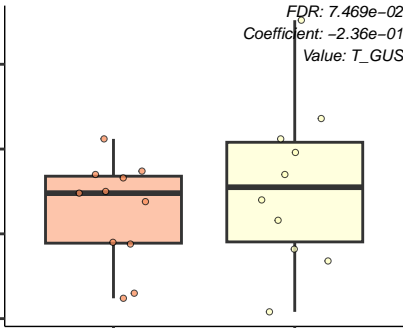
300
250
200
150

T_712 (n=11)

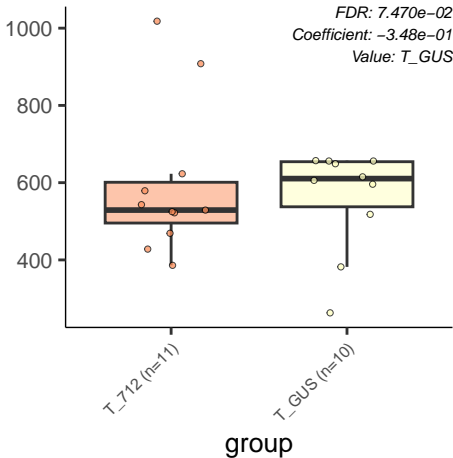
T_GUS (n=10)

group

FDR: 7.469×10^{-2}
Coefficient: -2.36×10^{-1}
Value: T_GUS



GH13_19.hmm



GH13_6.hmm

FDR: 7.576e-02

Coefficient: -3.71e-01

Value: T_GUS

800

600

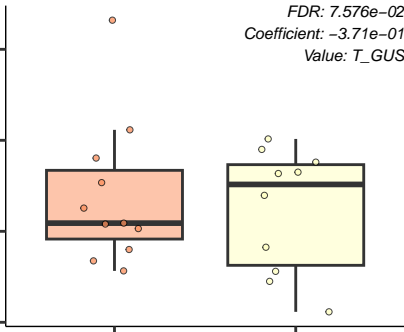
400

200

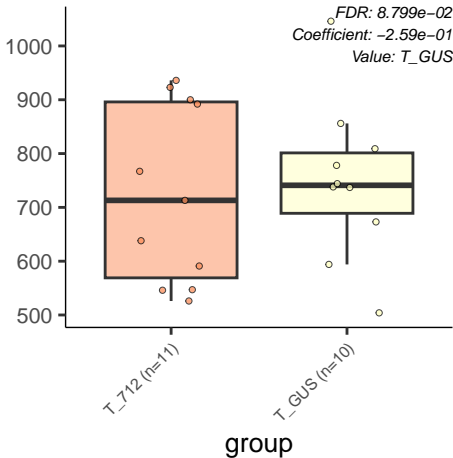
T_712 (n=11)

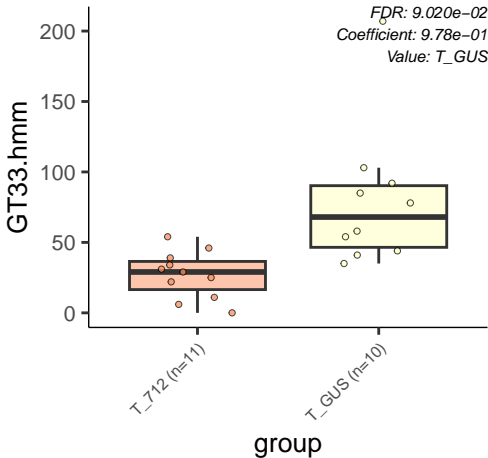
T_GUS (n=10)

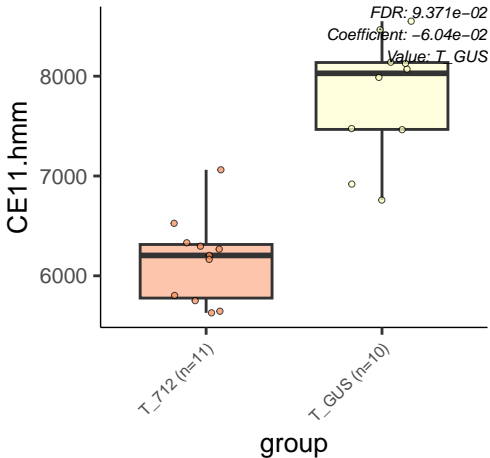
group



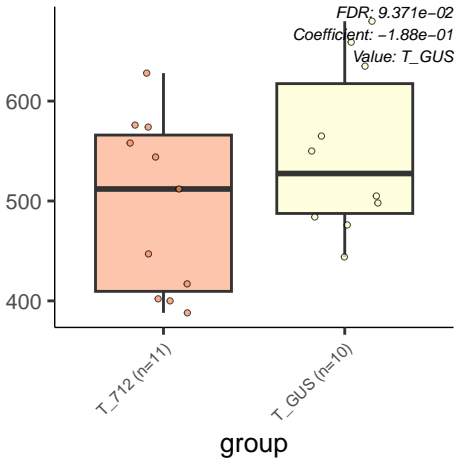
GH104.hmm



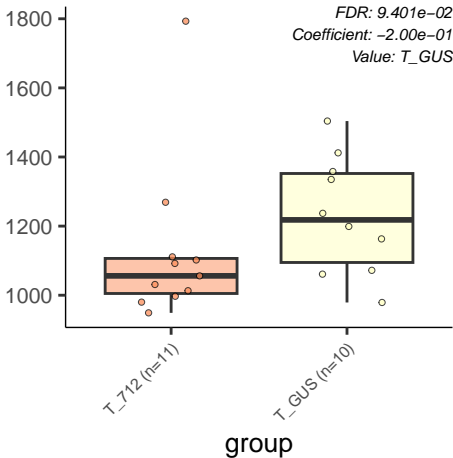




GH30_5.hmm



GH43_3.hmm



GH106.hmm

20000

16000

12000

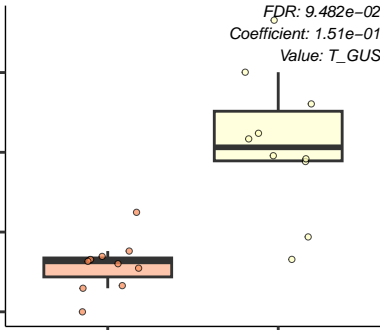
8000

T_712 (n=11)

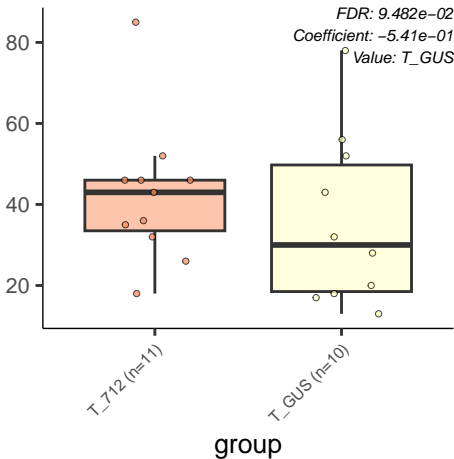
T_GUS (n=10)

group

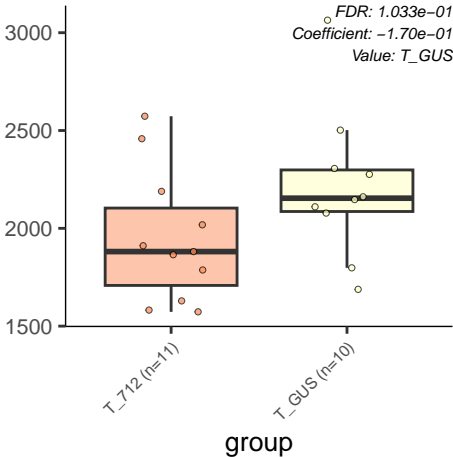
FDR: 9.482e-02
Coefficient: 1.51e-01
Value: T_GUS

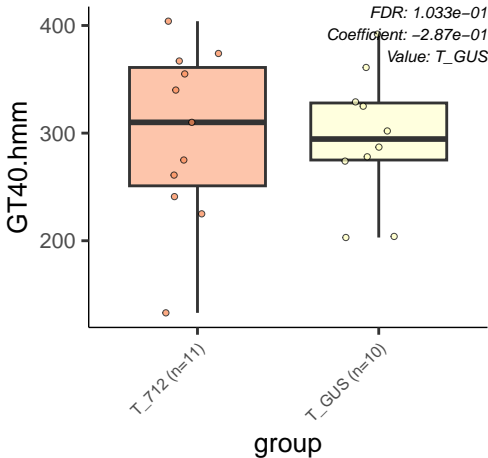


GH72.hmm

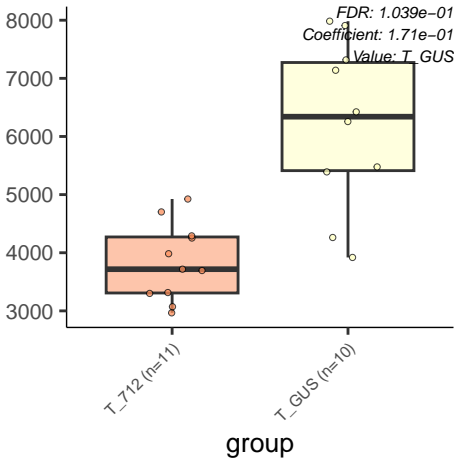


GH93.hmm

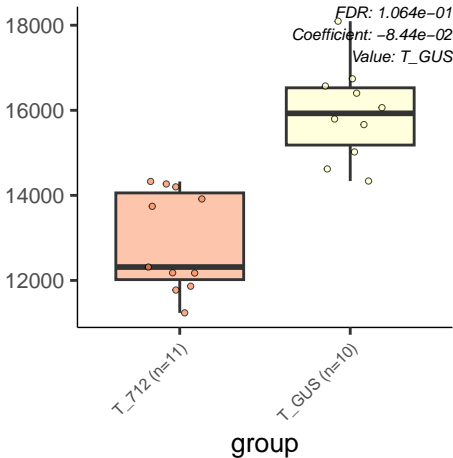




CBM9.hmm



GH103.hmm



AA5_1.hmm

100

50

0

T_712 (n=11)

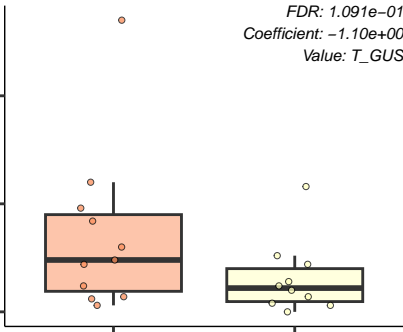
T_GUS (n=10)

group

FDR: 1.091e-01

Coefficient: -1.10e+00

Value: T_GUS



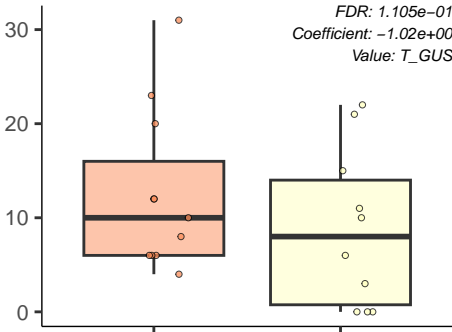
GH5_34.hmm

FDR: 1.105e-01
Coefficient: -1.02e+00
Value: T_GUS

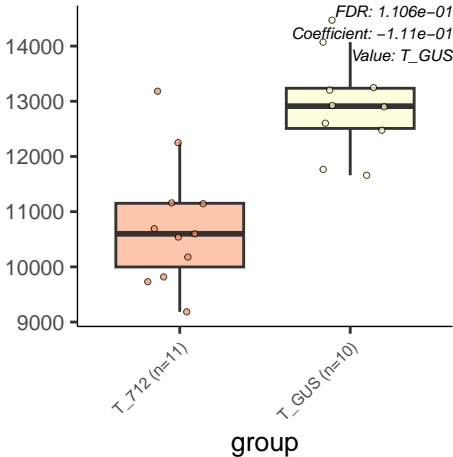
T_712 (n=11)

T_GUS (n=10)

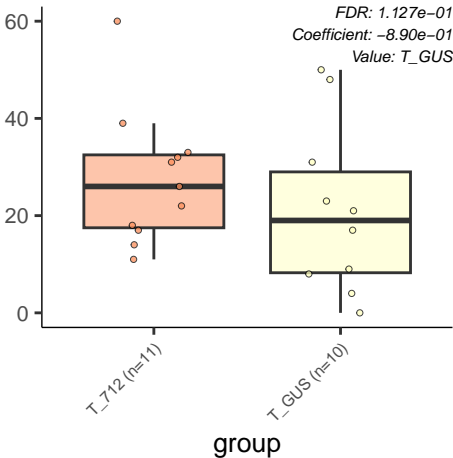
group



GH35.hmm



GH13_14.hmm



GH123.hmm

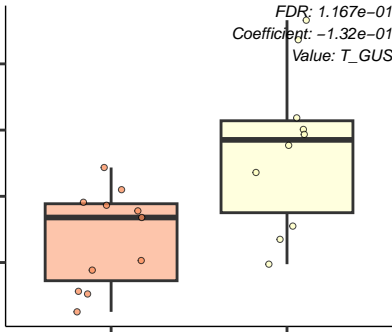
2000
1800
1600
1400

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.167e-01
Coefficient: -1.32e-01
Value: T_GUS



GT75.hmm

FDR: 1.169e-01

Coefficient: -2.15e-01

Value: T_GUS

250

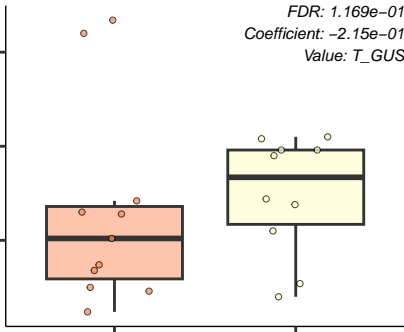
200

150

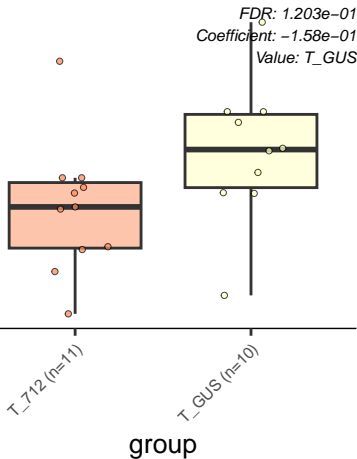
T_712 (n=11)

T_GUS (n=10)

group



GH120.hmm



GH13_1.hmm

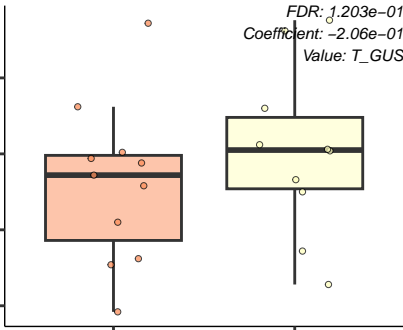
300
250
200
150

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.203e-01
Coefficient: -2.06e-01
Value: T_GUS



GT2_Cellulose_synt.hmm

FDR: 1.203e-01

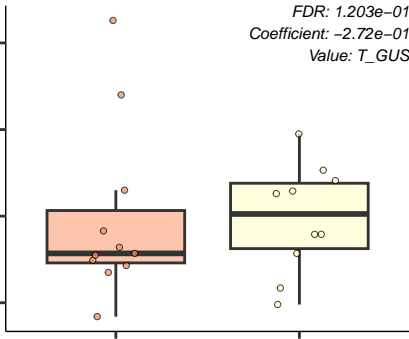
Coefficient: -2.72e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GT29.hmm

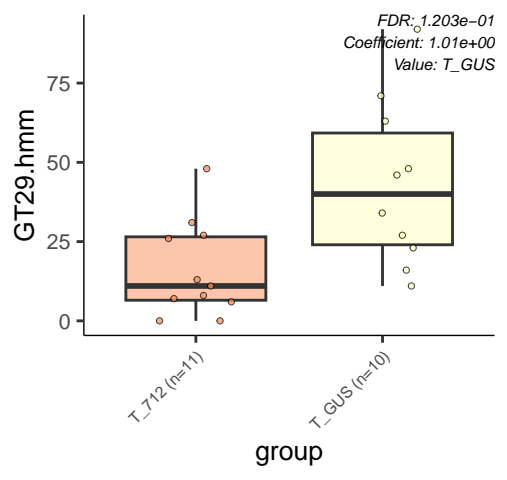
FDR: 1.203e-01
Coefficient: 1.01e+00
Value: T_GUS

T_712 (n=11)

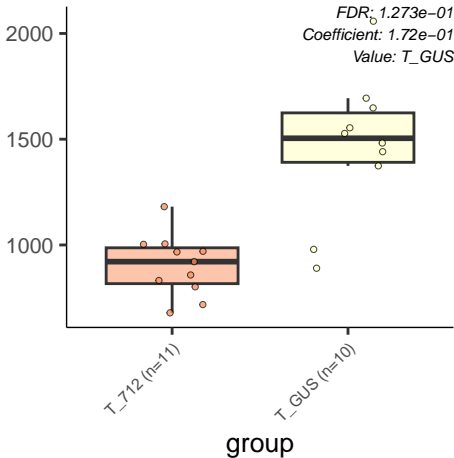
T_GUS (n=10)

group

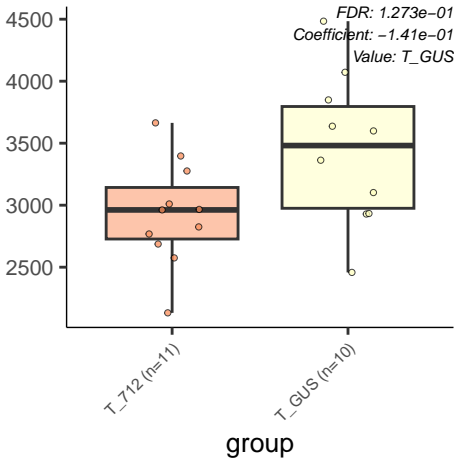
75
50
25
0



GH43_18.hmm



GH73.hmm



GT94.hmm

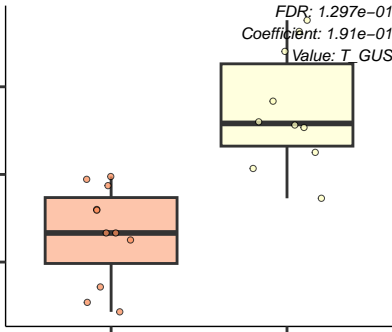
1000
750
500

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.297e-01
Coefficient: 1.91e-01
Value: T_GUS



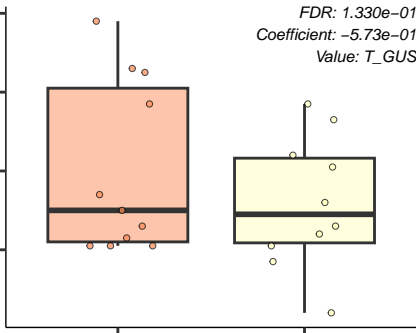
GH13_22.hmm

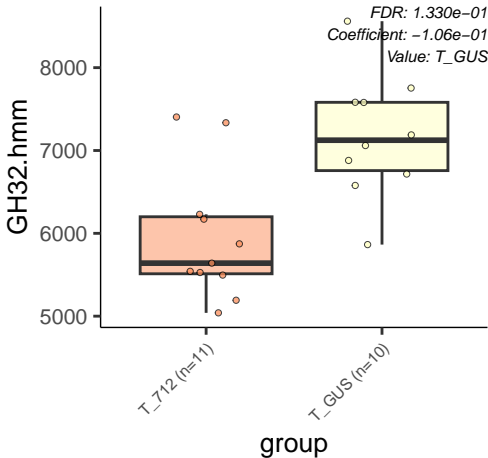
FDR: 1.330e-01
Coefficient: -5.73e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group





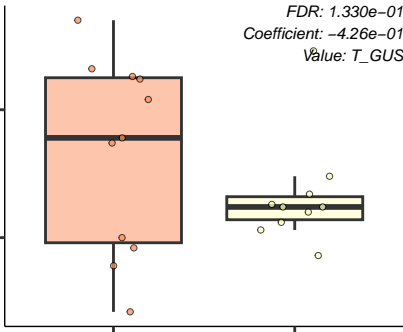
PL1_7.hmm

FDR: 1.330e-01
Coefficient: -4.26e-01
Value: T_GUS

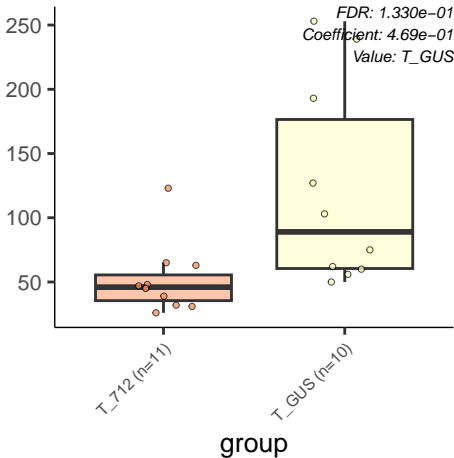
T_712 (n=11)

T_GUS (n=10)

group



PL17_1.hmm



PL1_2.hmm

5000

4000

3000

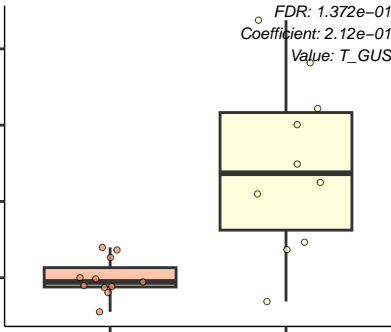
2000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.372e-01
Coefficient: 2.12e-01
Value: T_GUS



CE16.hmm

2400

2000

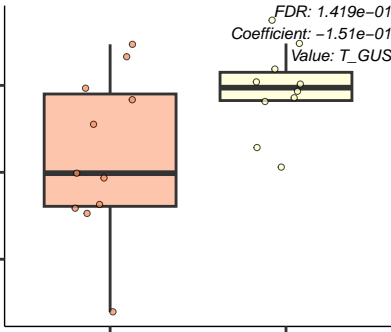
1600

T_712 (n=11)

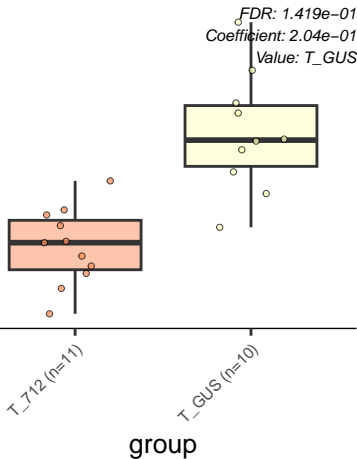
T_GUS (n=10)

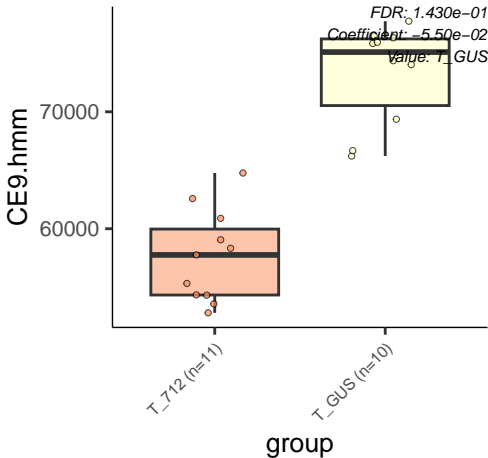
group

FDR: 1.419e-01
Coefficient: -1.51e-01
Value: T_GUS

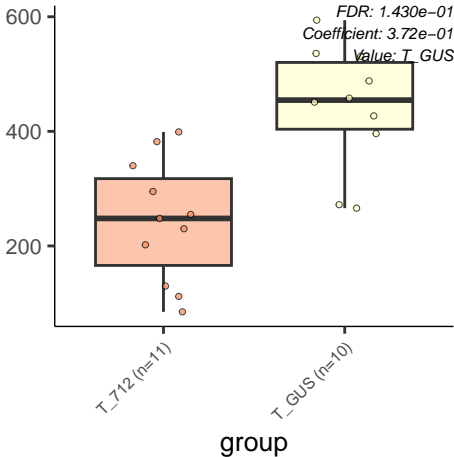


GH43_37.hmm

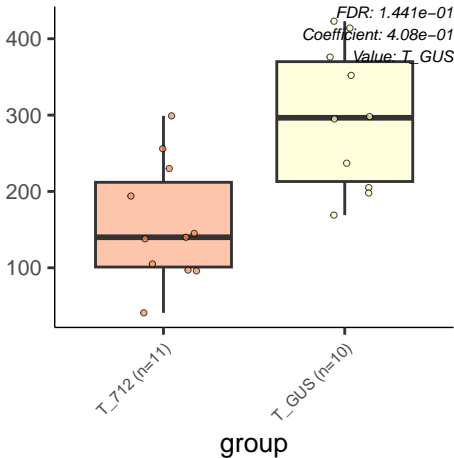




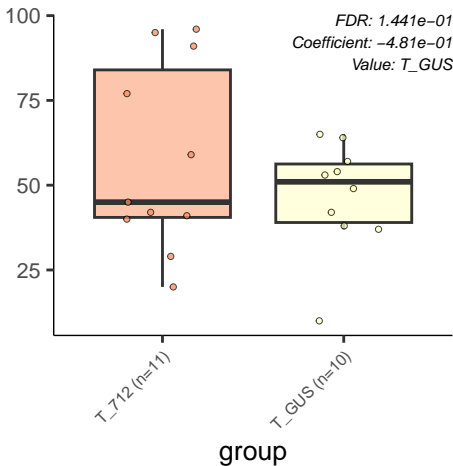
dockerin.hmm

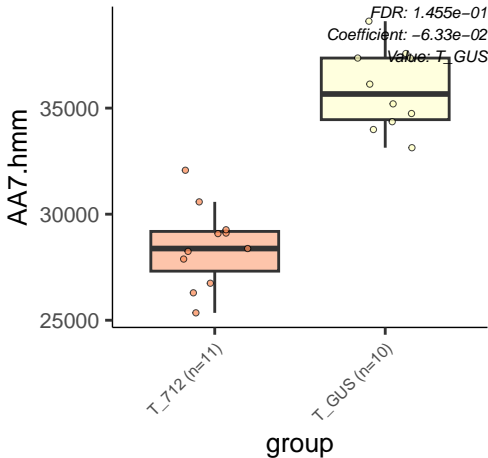


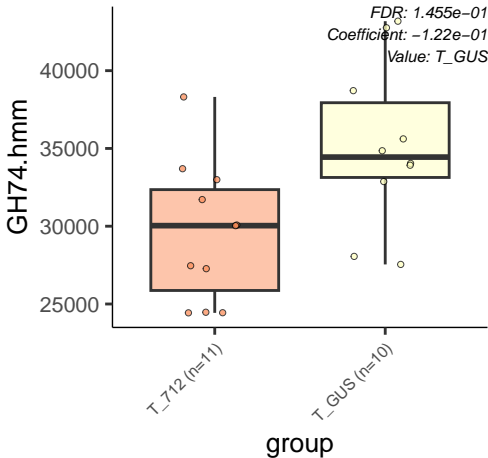
GT3.hmm

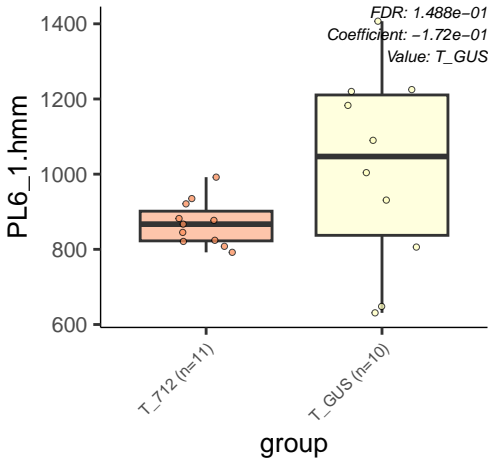


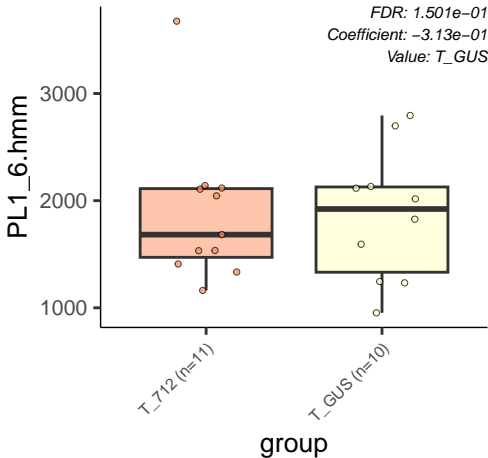
GT56.hmm











GH130.hmm

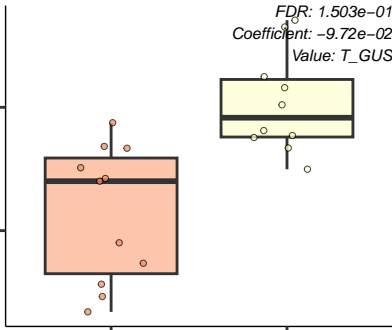
5000
4000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.503e-01
Coefficient: -9.72e-02
Value: T_GUS



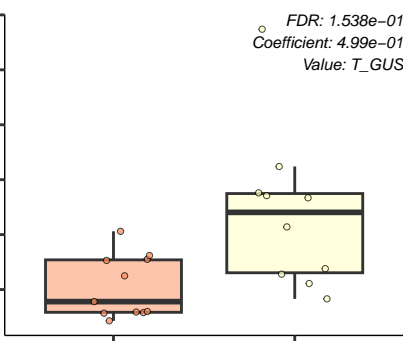
GH43_7.hmm

FDR: 1.538e-01
Coefficient: 4.99e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH18.hmm

12000

10000

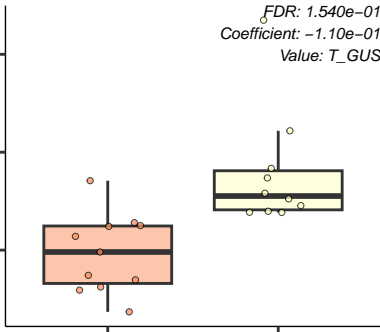
8000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.540e-01
Coefficient: -1.10e-01
Value: T_GUS



GH5_46.hmm

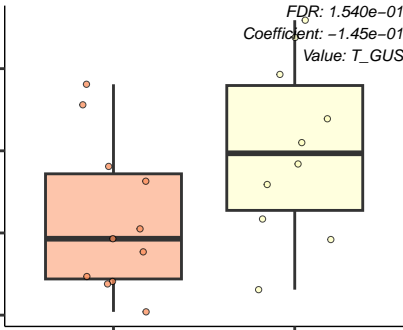
700
600
500
400

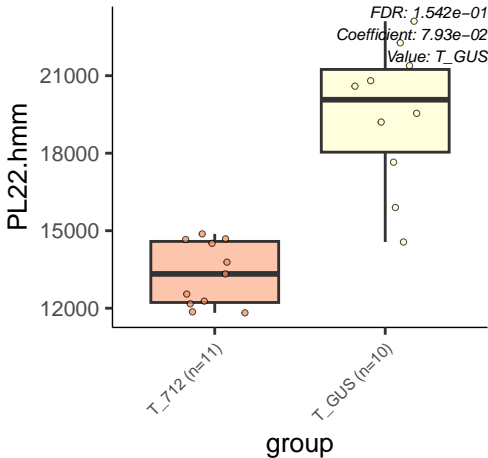
T_712 (n=11)

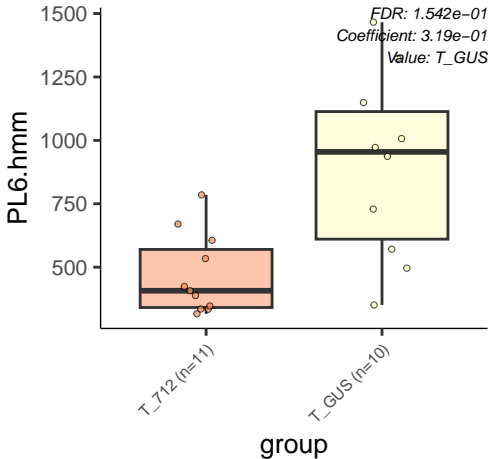
T_GUS (n=10)

group

FDR: 1.540e-01
Coefficient: -1.45e-01
Value: T_GUS







GH13_40.hmm

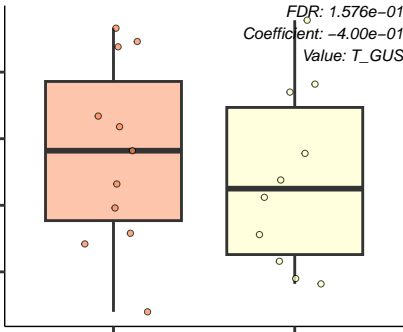
250
200
150
100

T_712 (n=11)

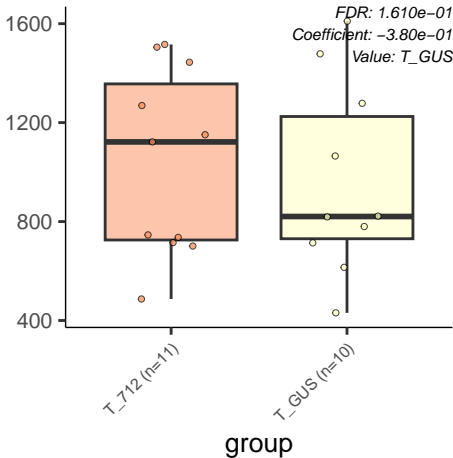
T_GUS (n=10)

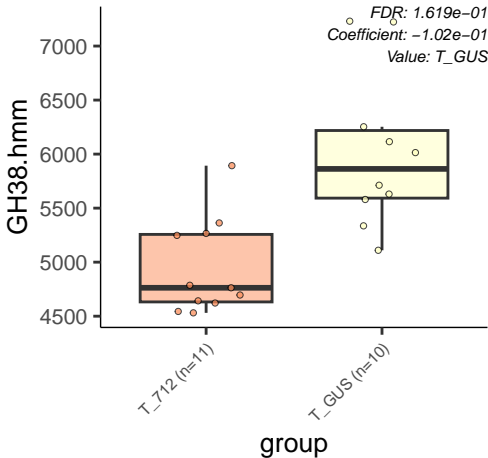
group

FDR: 1.576e-01
Coefficient: -4.00e-01
Value: T_GUS



CBM62.hmm





AA3_2.hmm

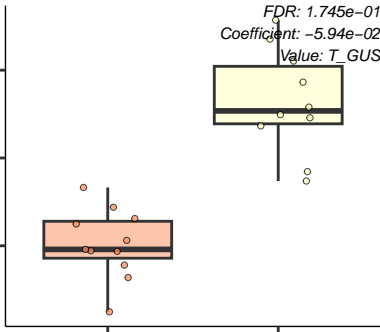
20000
17500
15000

T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.745e-01
Coefficient: -5.94e-02
Value: T_GUS



GH1.hmm

20000

18000

16000

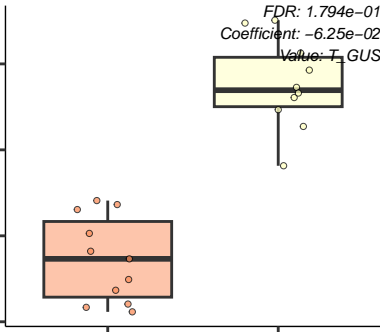
14000

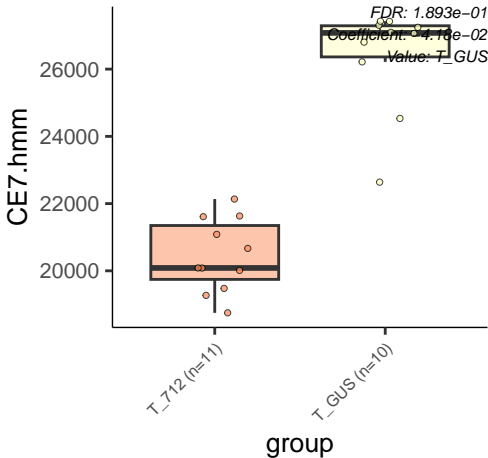
T_712 (n=11)

T_GUS (n=10)

group

FDR: 1.794e-01
Coefficient: -6.25e-02
Value: T_GUS





GH43.hmm

FDR: 1.893e-01

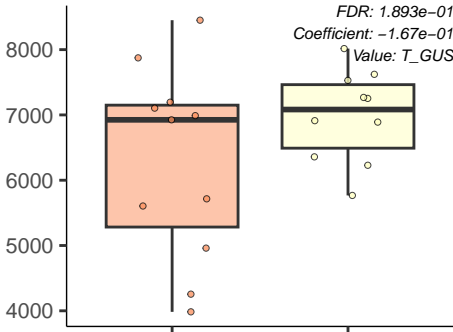
Coefficient: -1.67e-01

Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



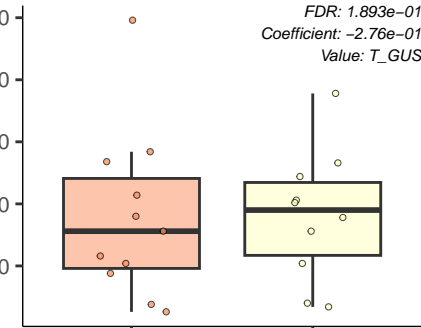
GH5_27.hmm

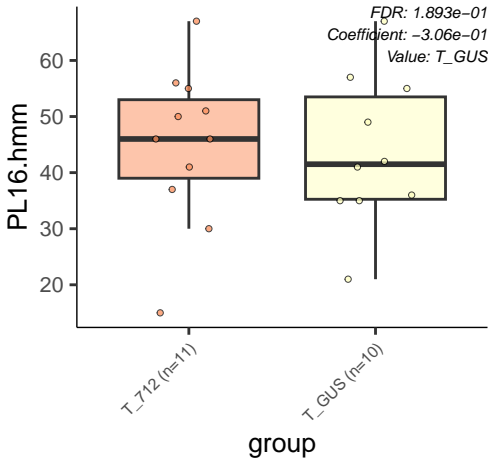
FDR: 1.893e-01
Coefficient: -2.76e-01
Value: T_GUS

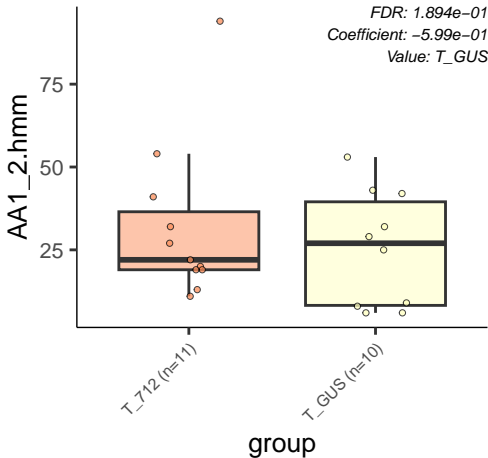
T_712 (n=11)

T_GUS (n=10)

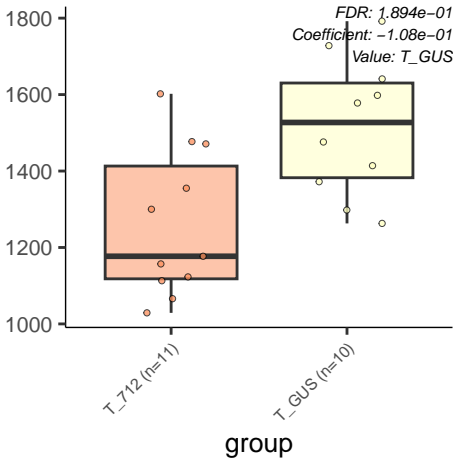
group







GH43_28.hmm



GH13_5.hmm

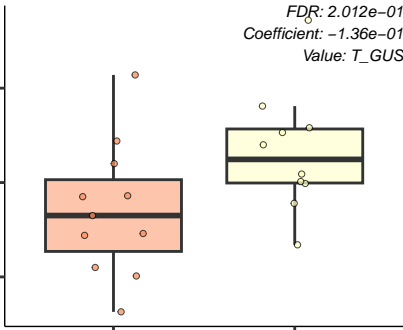
FDR: 2.012e-01
Coefficient: -1.36e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

500
400
300



PL7.hmm

100

80

60

40

20

T_712 (n=11)

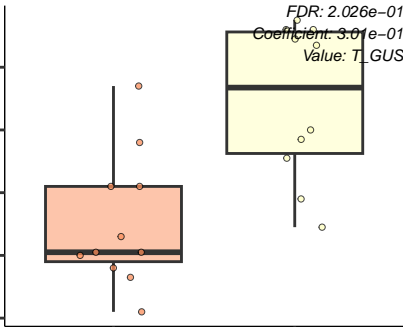
T_GUS (n=10)

group

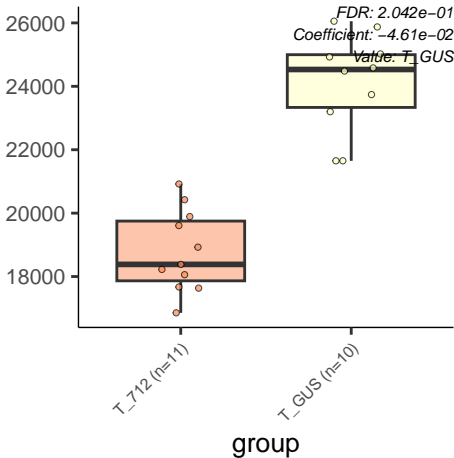
FDR: 2.026e-01

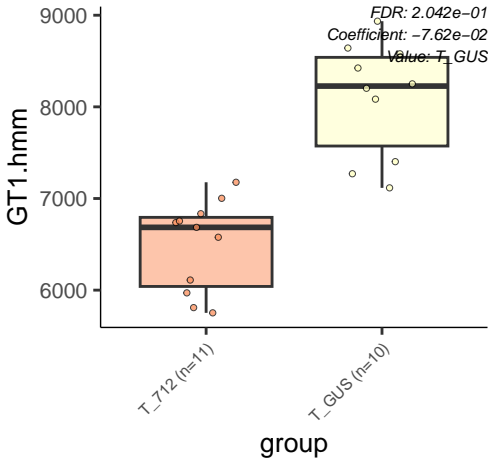
Coefficient: 3.01e-01

Value: T_GUS

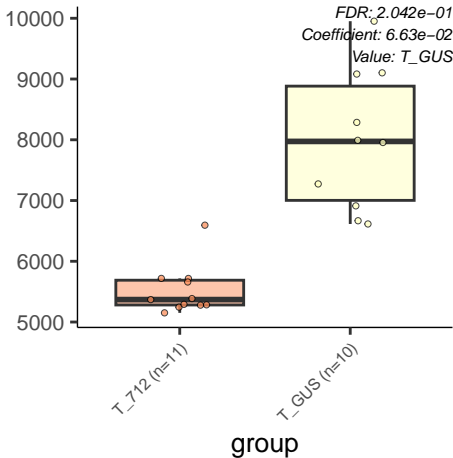


AA1.hmm

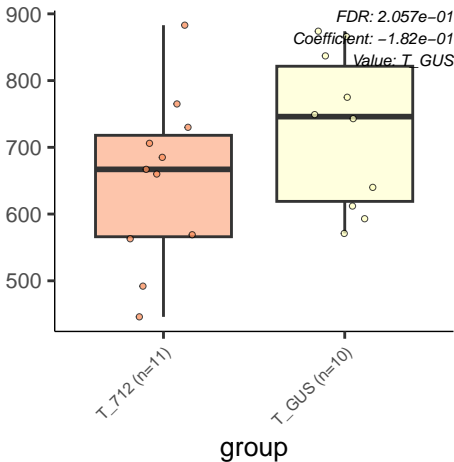




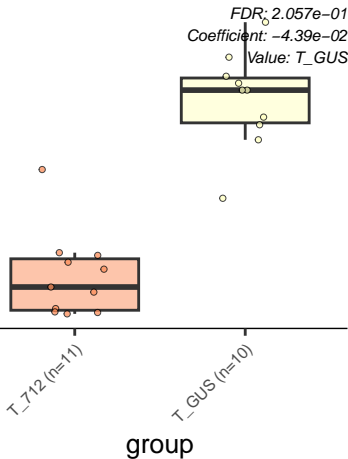
PL9.hmm

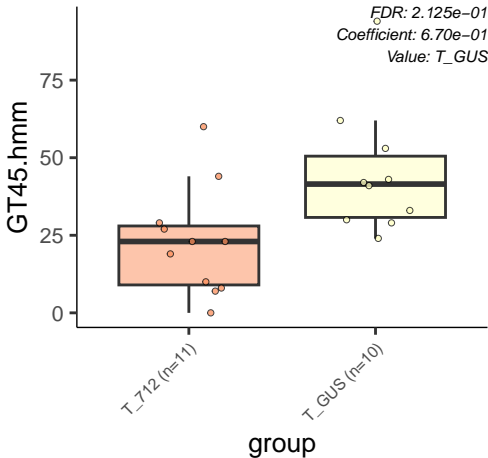


CBM12.hmm



GH127.hmm





CBM34.hmm

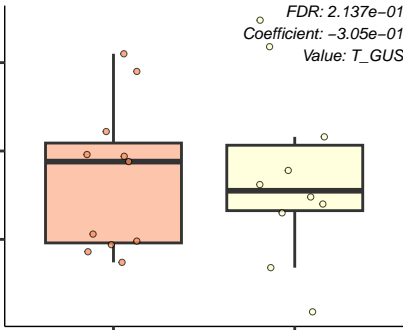
FDR: 2.137e-01
Coefficient: -3.05e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group

200
150
100



GT48.hmm

FDR: 2.168e-01

Coefficient: -5.16e-01

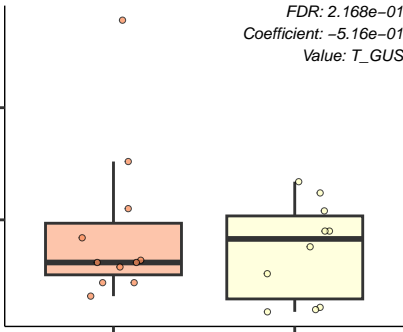
Value: T_GUS

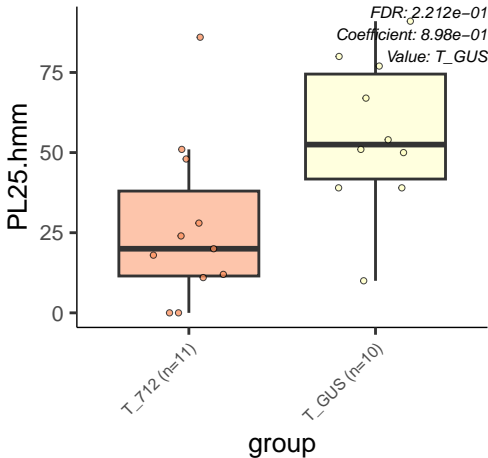
100
50

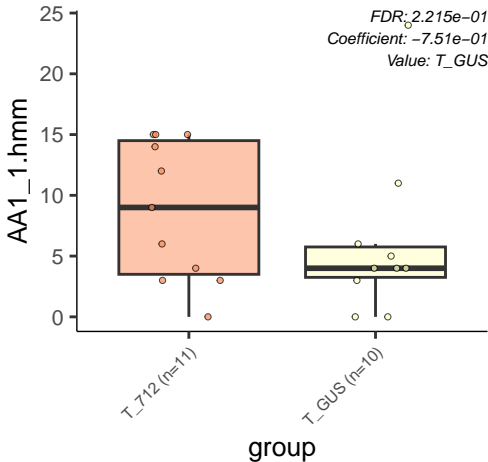
T_712 (n=11)

T_GUS (n=10)

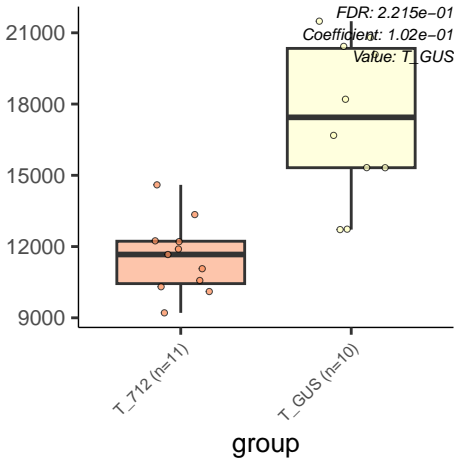
group







GH28.hmm



GH51.hmm

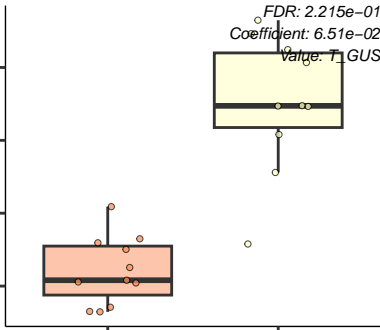
16000
14000
12000
10000

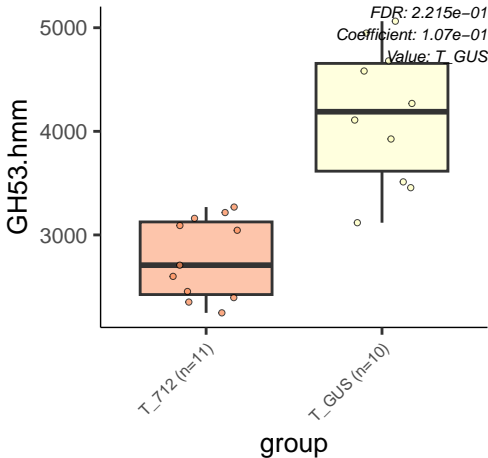
T_712 (n=11)

T_GUS (n=10)

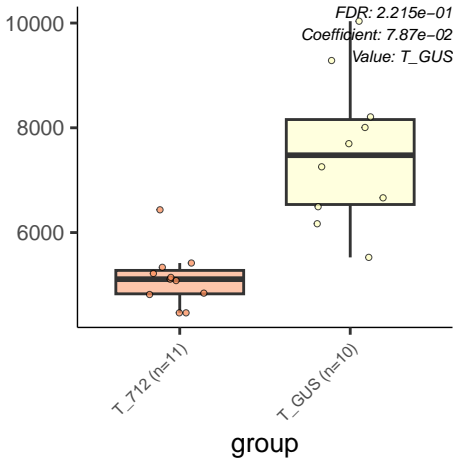
group

FDR: 2.215e-01
Coefficient: 6.51e-02
Value: T_GUS





GH9.hmm



GT58.hmm

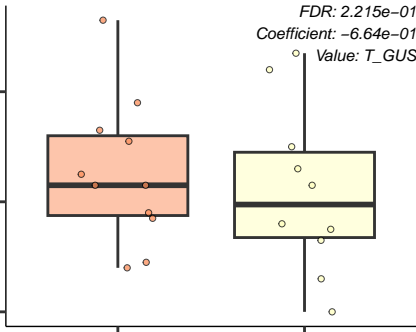
40
20
0

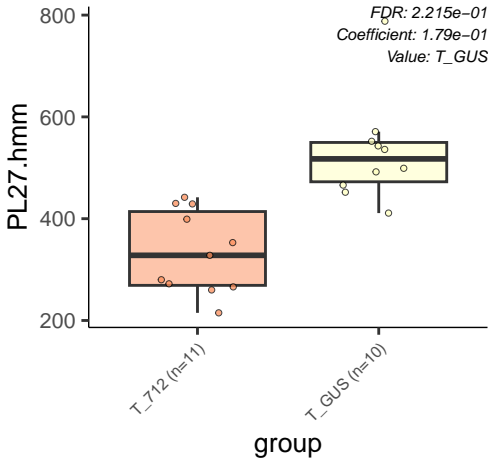
T_712 (n=11)

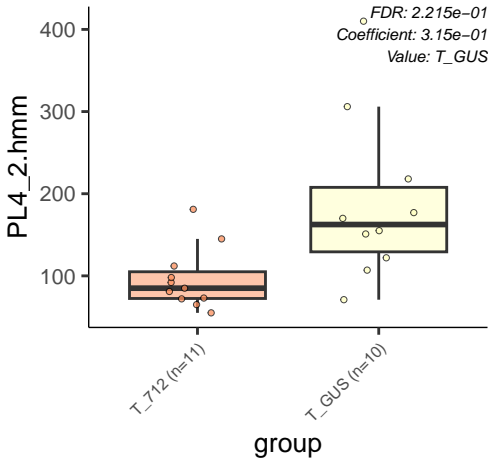
T_GUS (n=10)

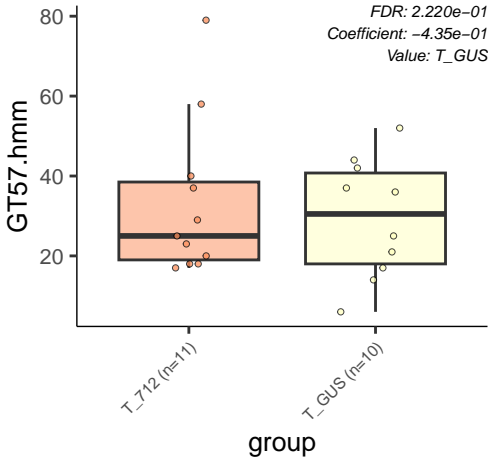
group

FDR: 2.215e-01
Coefficient: -6.64e-01
Value: T_GUS

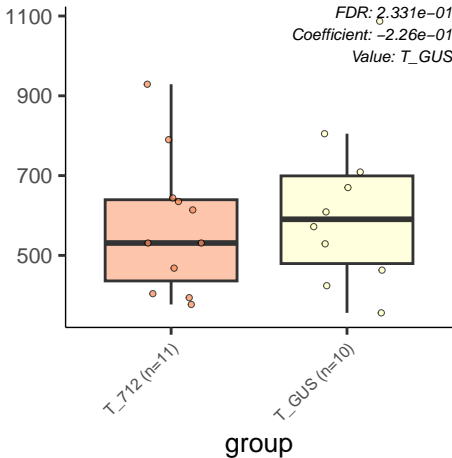








CBM20.hmm



CBM57.hmm

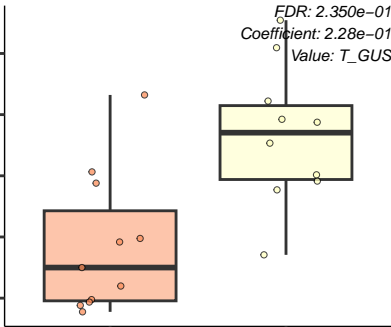
3000
2500
2000
1500
1000

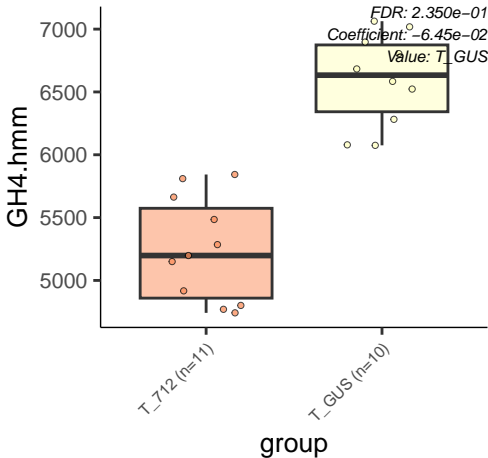
T_712 (n=11)

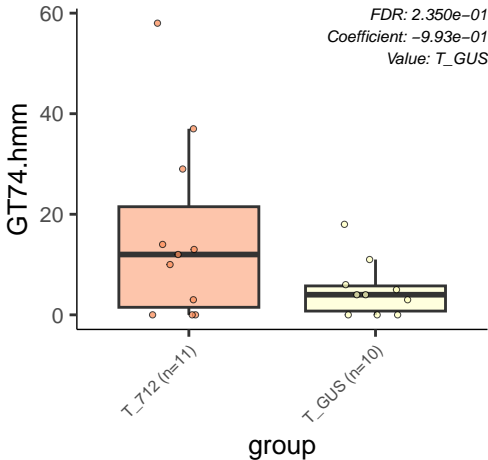
T_GUS (n=10)

group

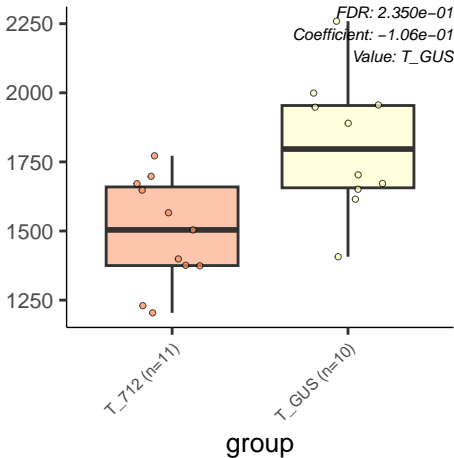
FDR: 2.350e-01
Coefficient: 2.28e-01
Value: T_GUS

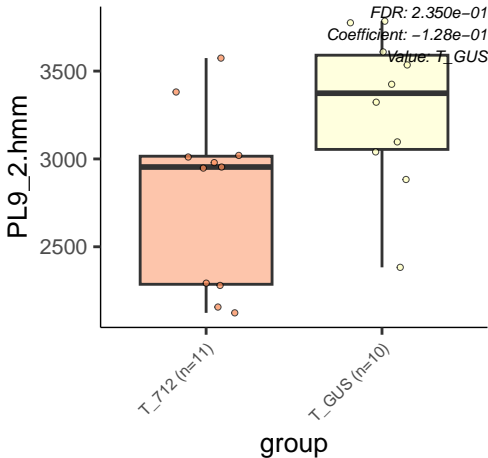






PL22_1.hmm





GH13_31.hmm

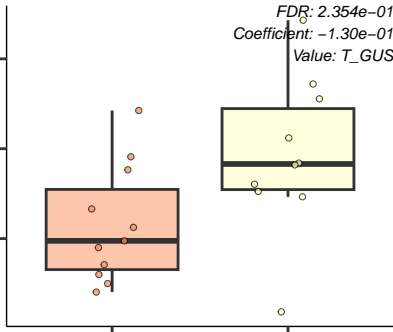
T_712 (n=11)

T_GUS (n=10)

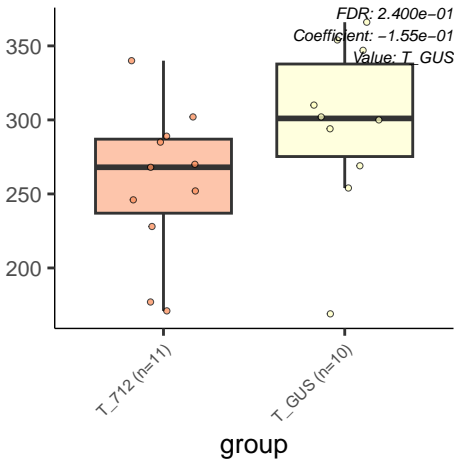
group

FDR: 2.354e-01
Coefficient: -1.30e-01
Value: T_GUS

1200
1000
800



GH5_29.hmm



GH114.hmm

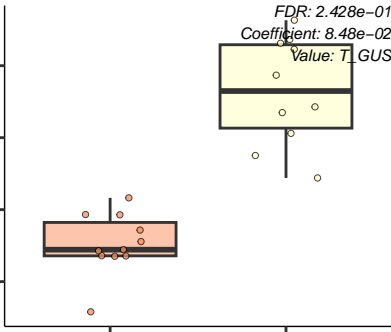
1750
1500
1250
1000

T_712 (n=11)

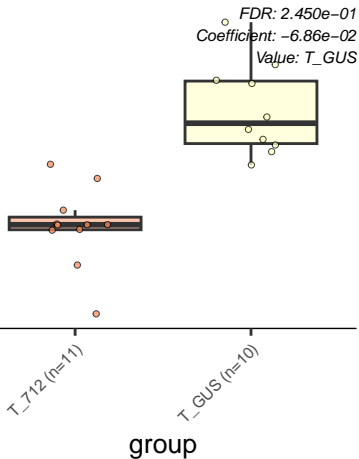
T_GUS (n=10)

group

FDR: 2.428e-01
Coefficient: 8.48e-02
Value: T_GUS



GH13_3.hmm



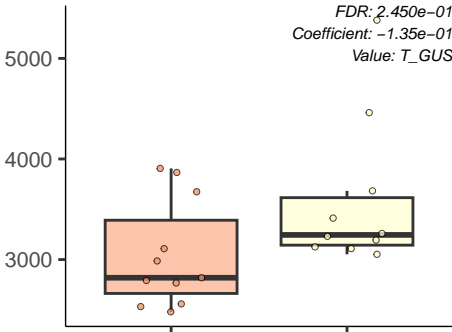
GH37.hmm

FDR: 2.450e-01
Coefficient: -1.35e-01
Value: T_GUS

T_712 (n=11)

T_GUS (n=10)

group



GH43_19.hmm

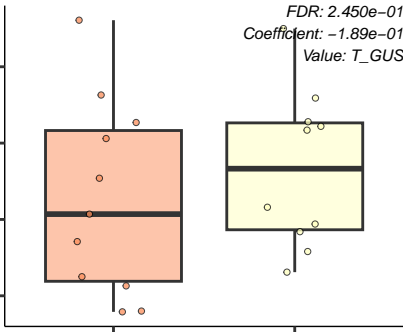
600
500
400
300

T_712 (n=11)

T_GUS (n=10)

group

FDR: 2.450e-01
Coefficient: -1.89e-01
Value: T_GUS



GH91.hmm

FDR: 2.450e-01

Coefficient: -2.29e-01

○ Value: T_GUS

300

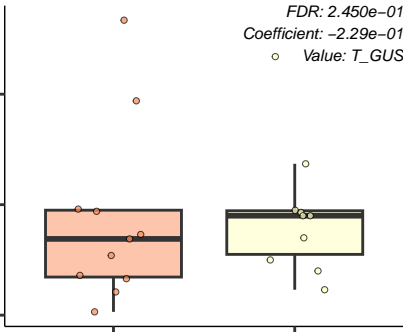
200

100

T_712 (n=11)

T_GUS (n=10)

group



GH59.hmm

FDR: 2.457e-01

Coefficient: -1.15e-01

Value: T_GUS

4000

3500

3000

2500

2000

T_712 (n=11)

T_GUS (n=10)

group

