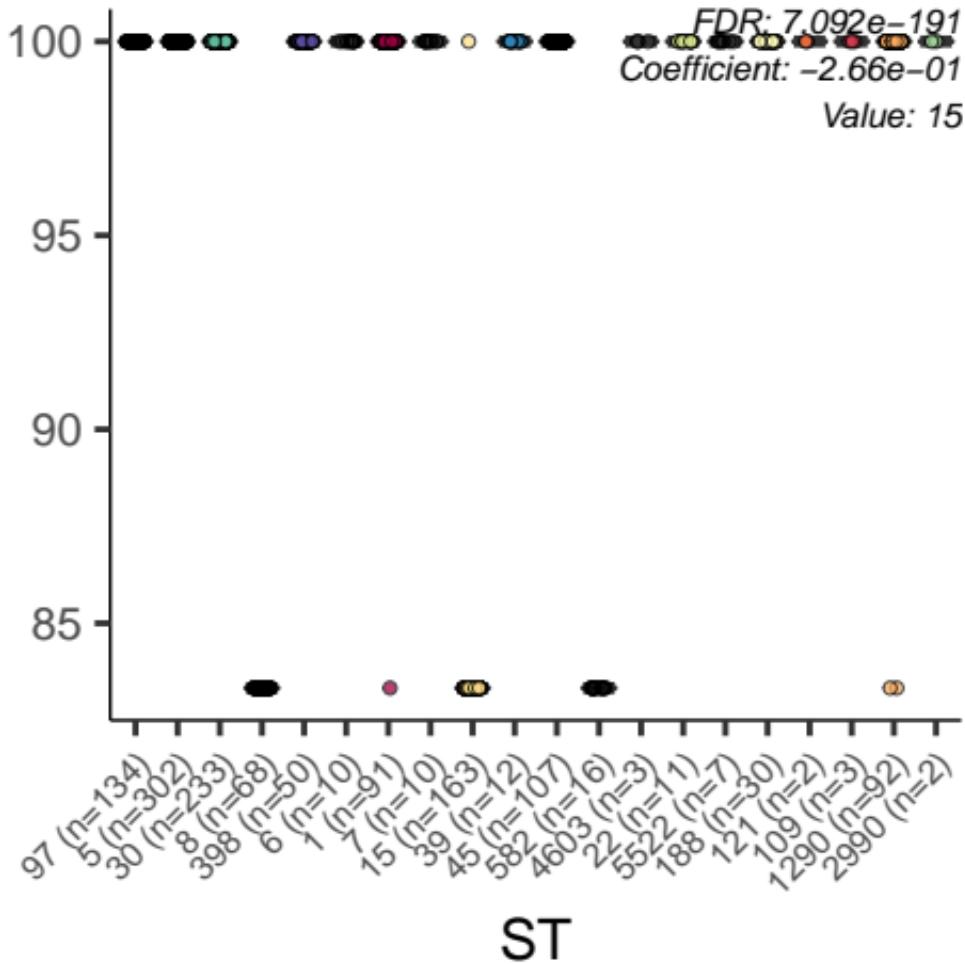
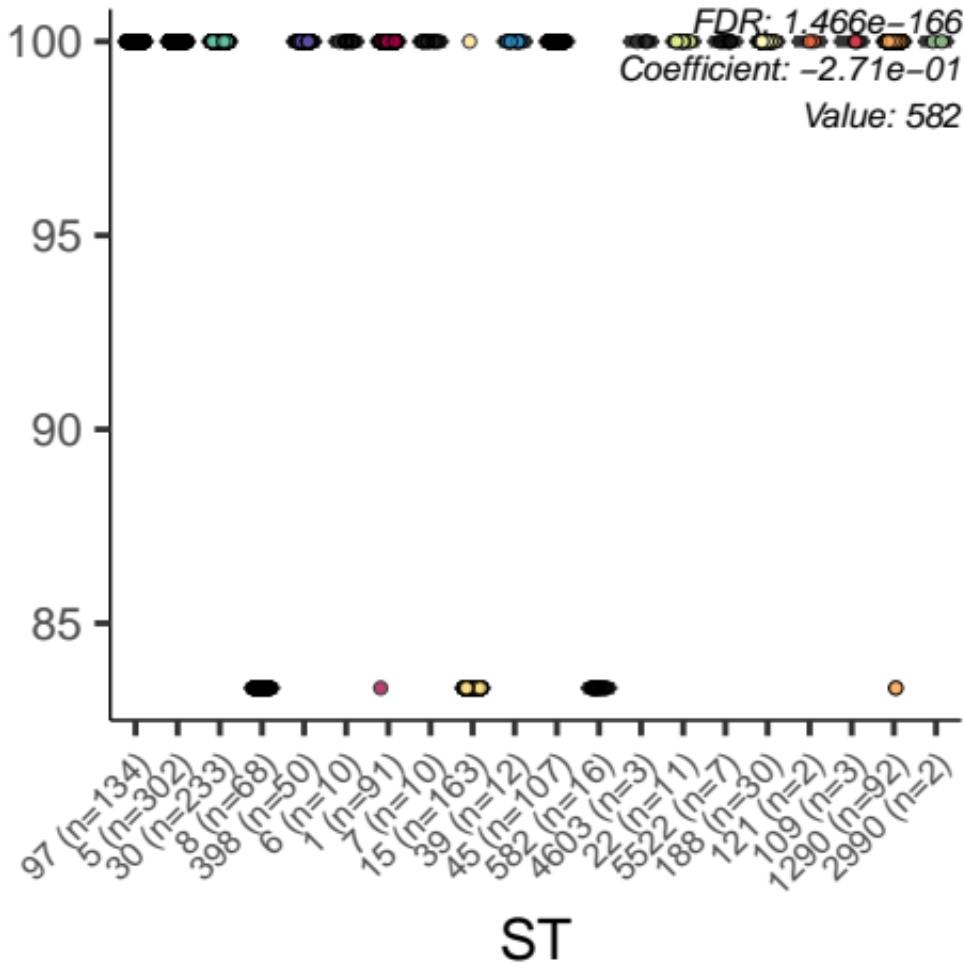
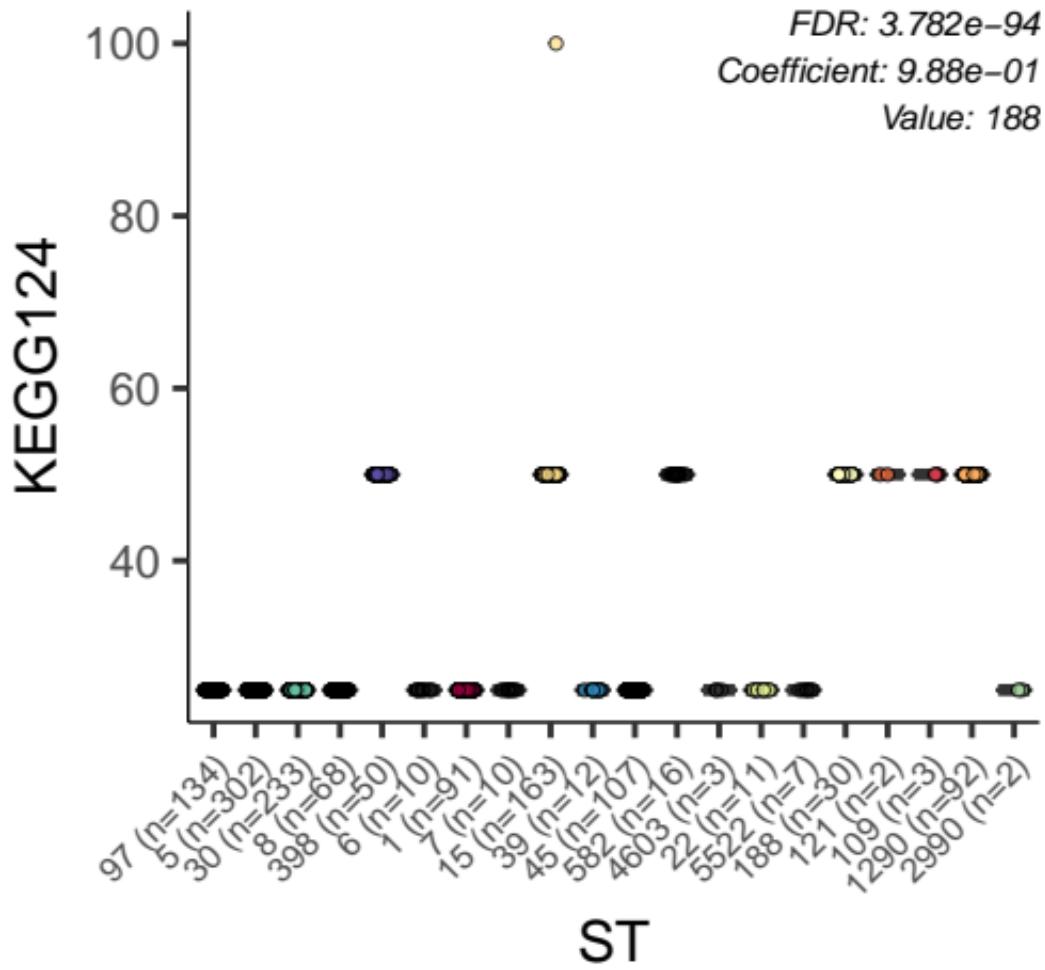


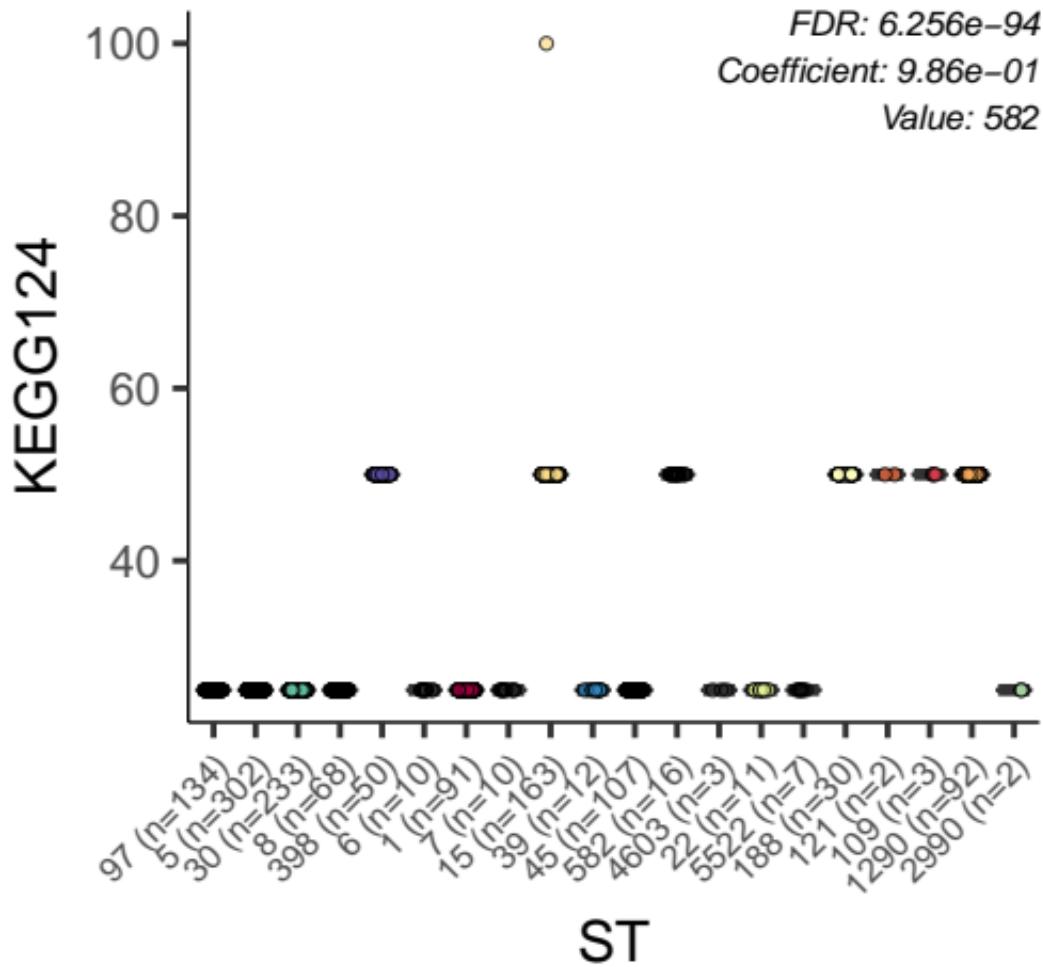
KEGG40

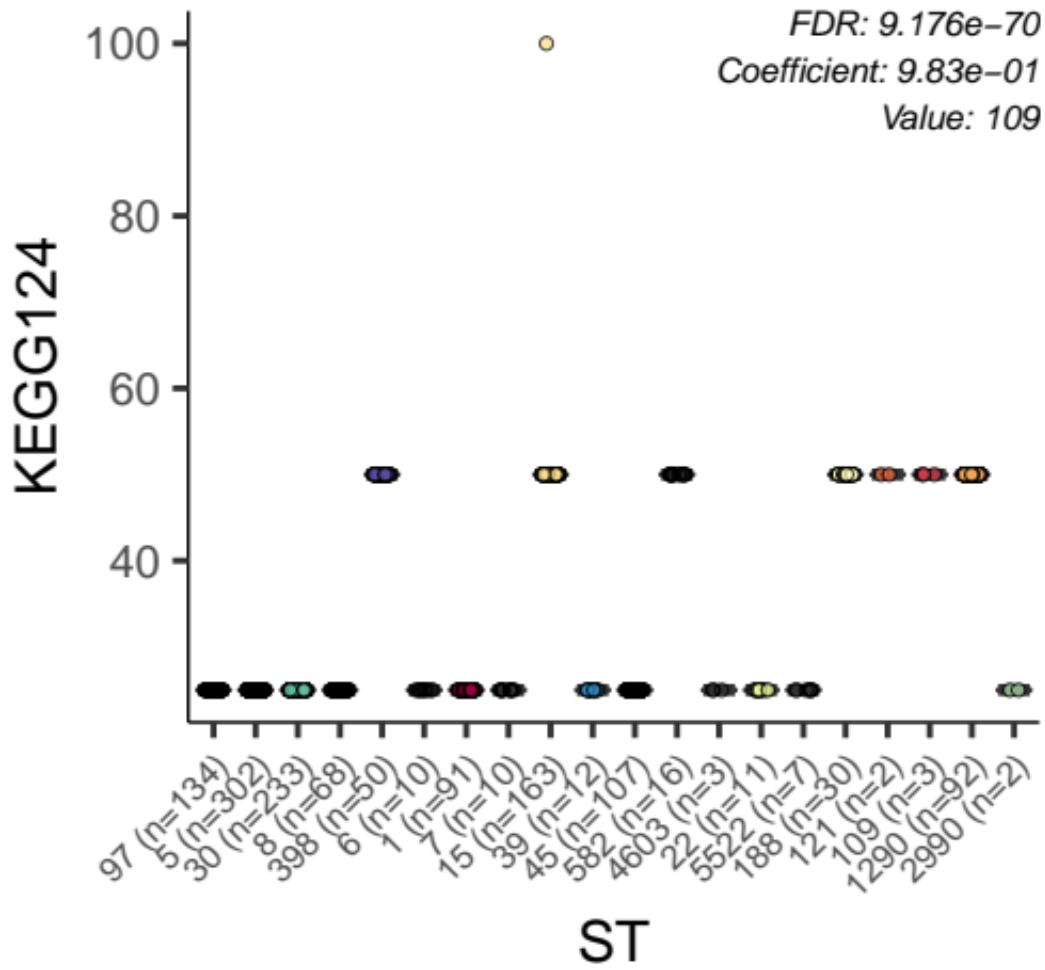


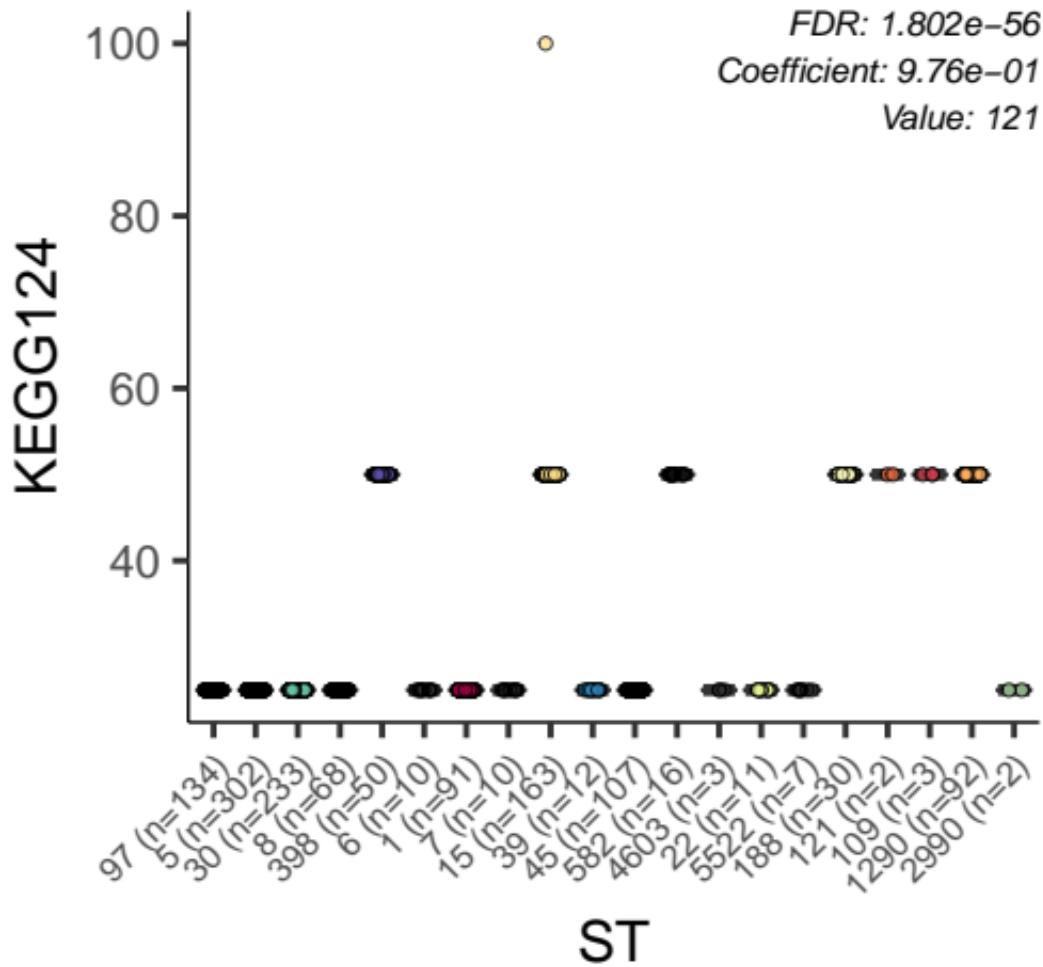
KEGG40



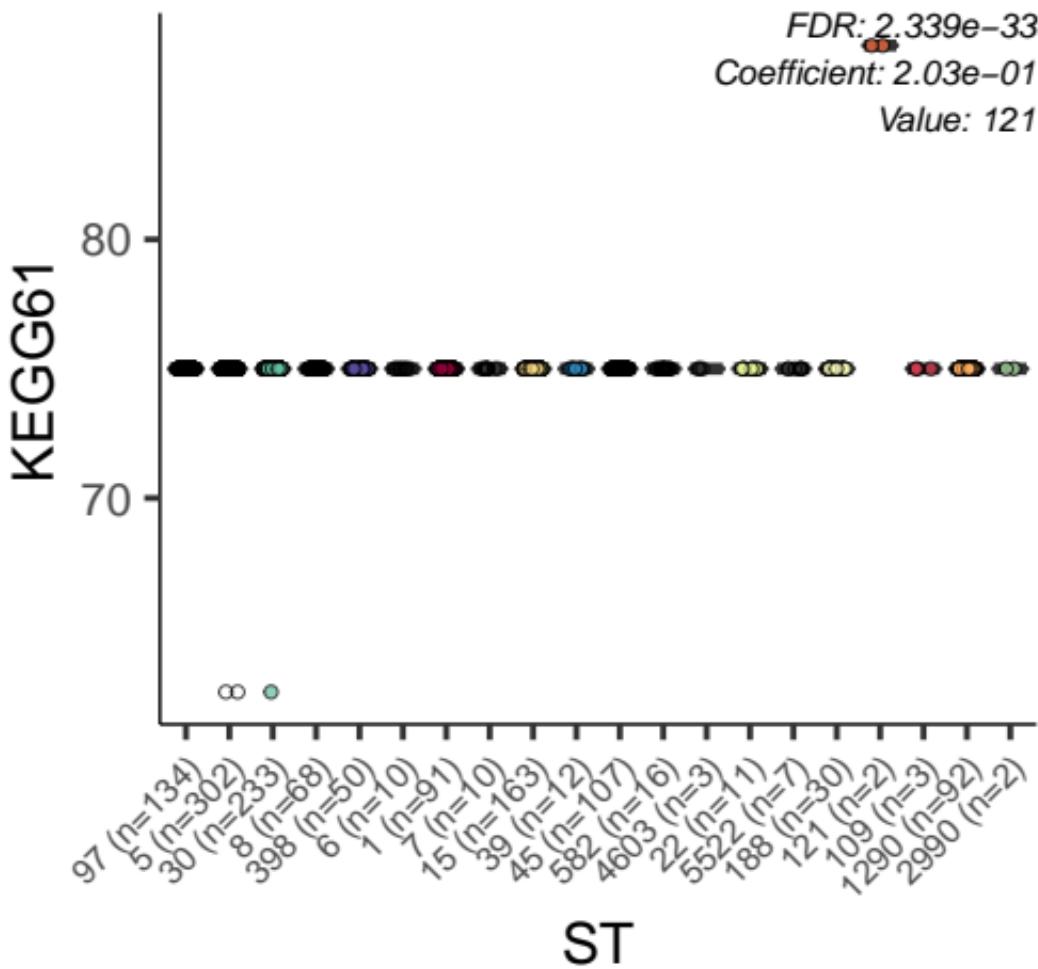


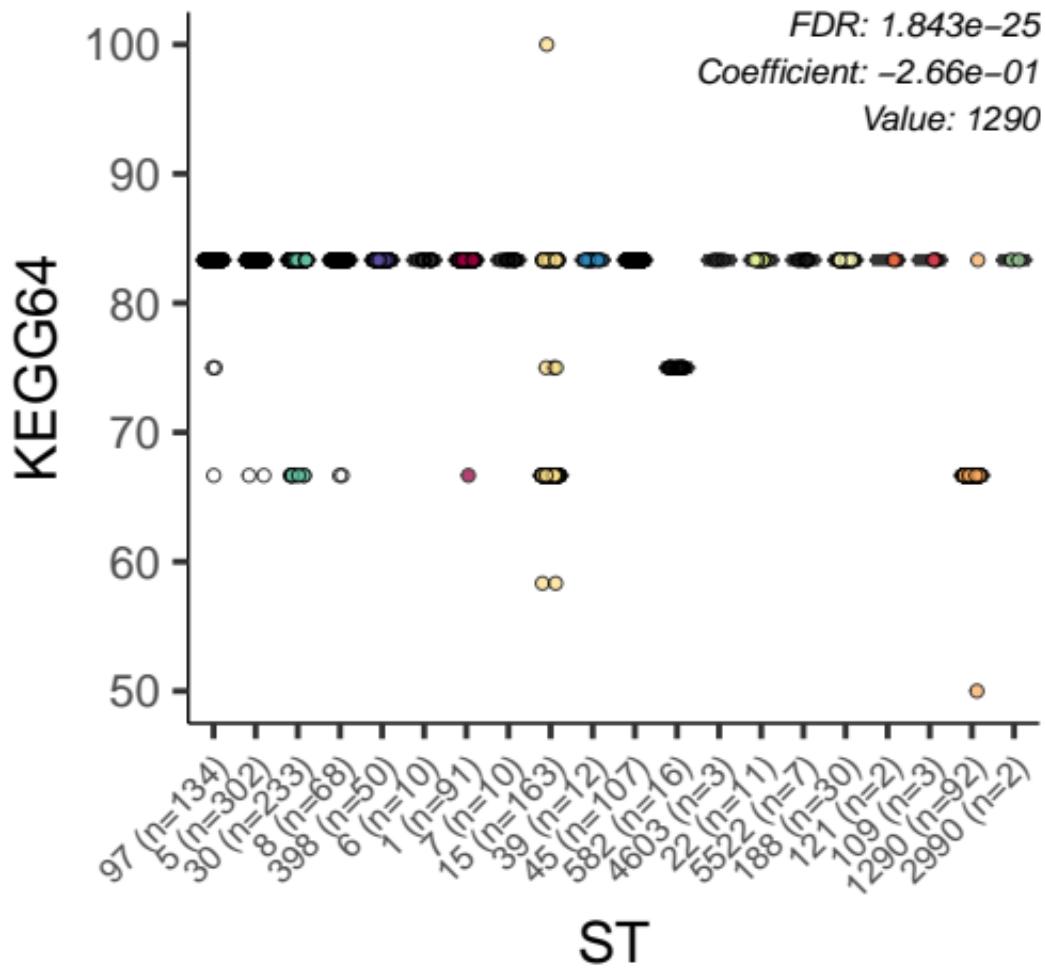


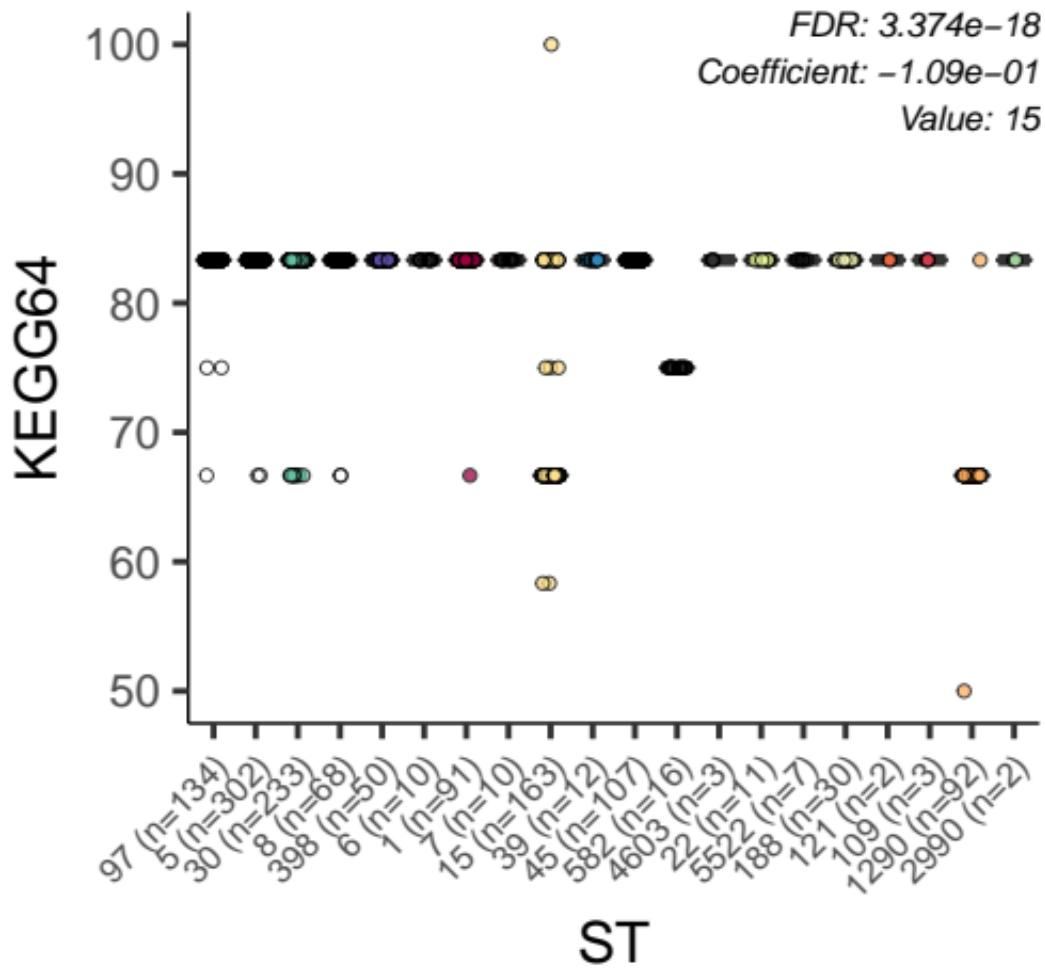




FDR: 2.339e-33
Coefficient: 2.03e-01
Value: 121

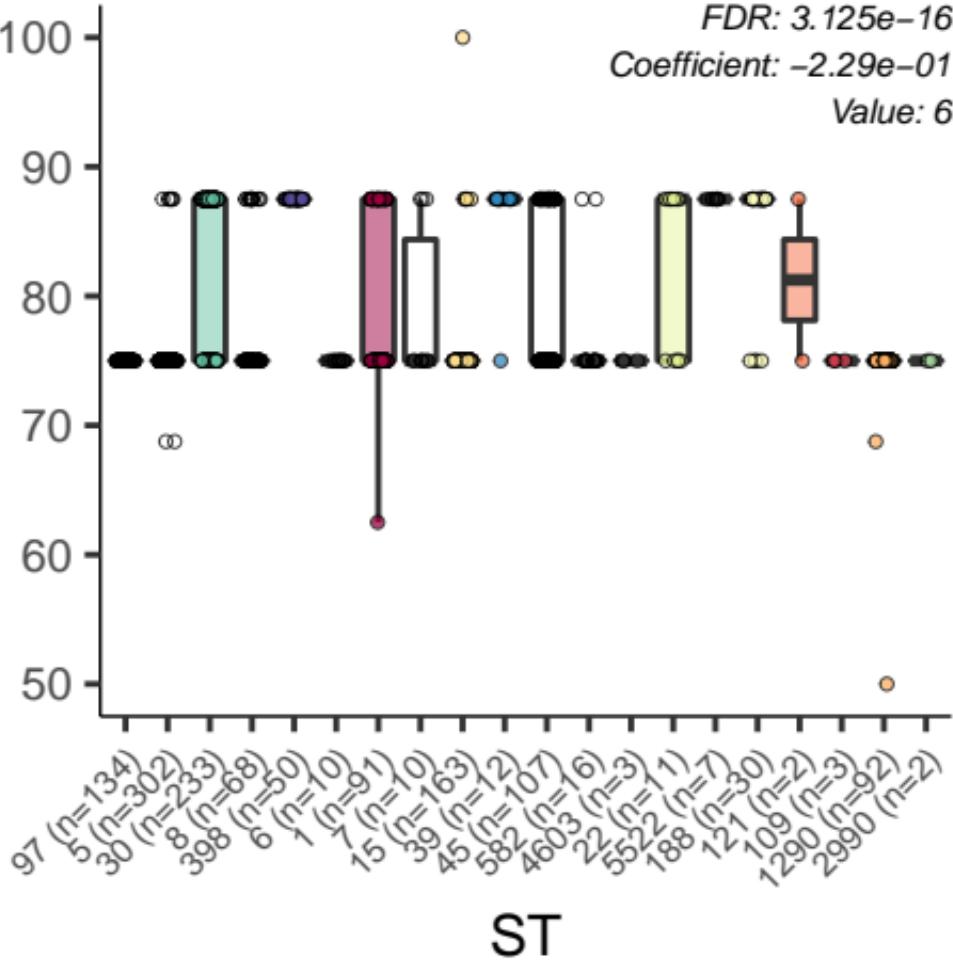






FDR: $3.125e-16$
Coefficient: $-2.29e-01$
Value: 6

KEGG56



100

FDR: 1.250e-13

90

Coefficient: 1.34e-01

80

Value: 30

70

60

50

KEGG56

97 (n=134)
 5 (n=202)
 23 (n=23)
 3 (n=68)
 6 (n=50)
 1 (n=10)
 1 (n=91)
 15 (n=10)
 39 (n=163)
 45 (n=12)
 582 (n=107)
 4603 (n=16)
 2 (n=3)
 55 (n=11)
 188 (n=7)
 2 (n=30)
 121 (n=2)
 106 (n=30)
 1290 (n=2)
 2990 (n=2)

ST

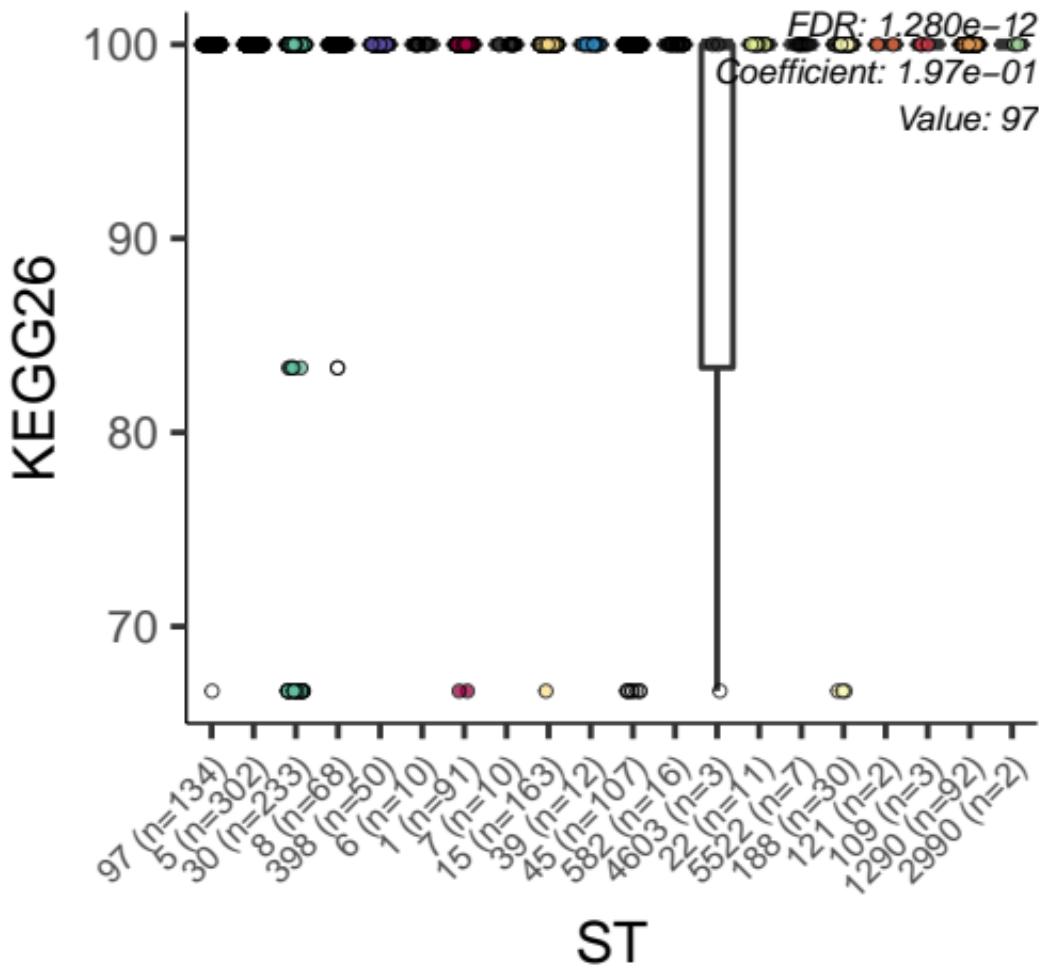
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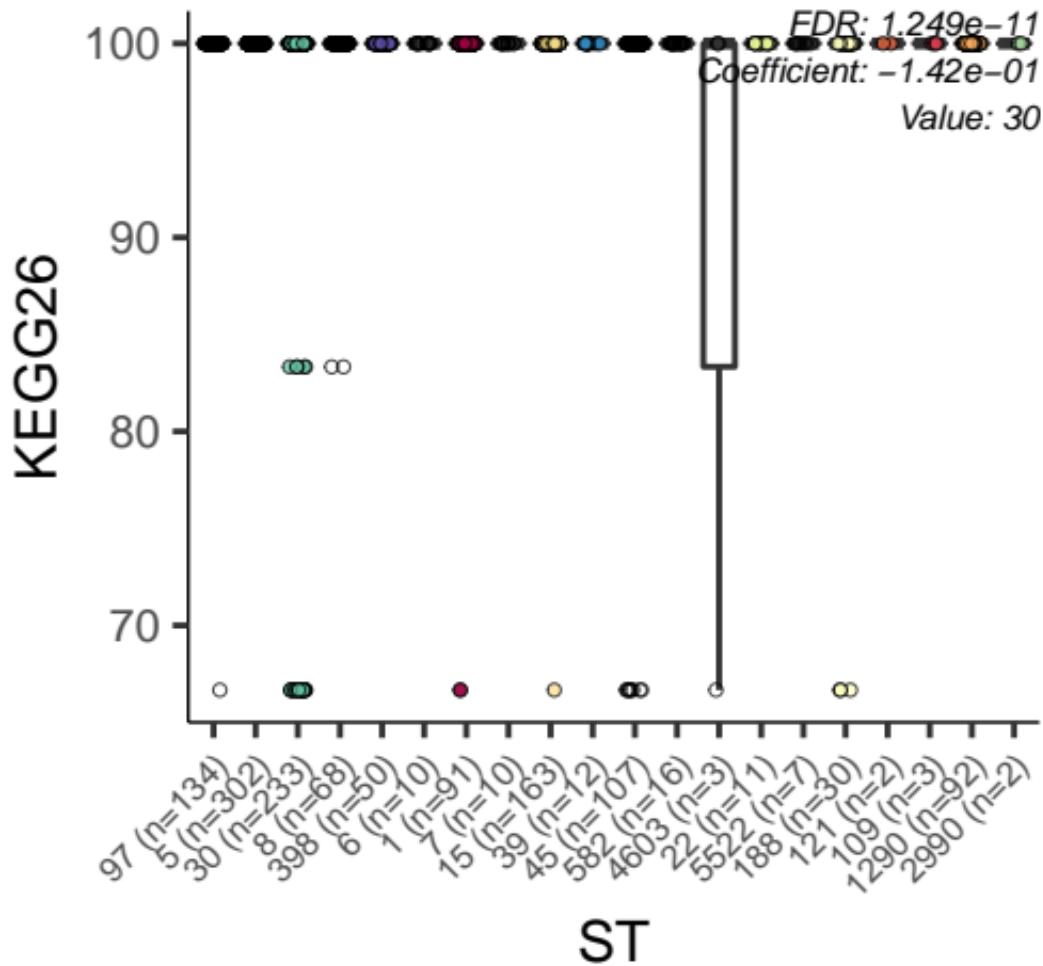
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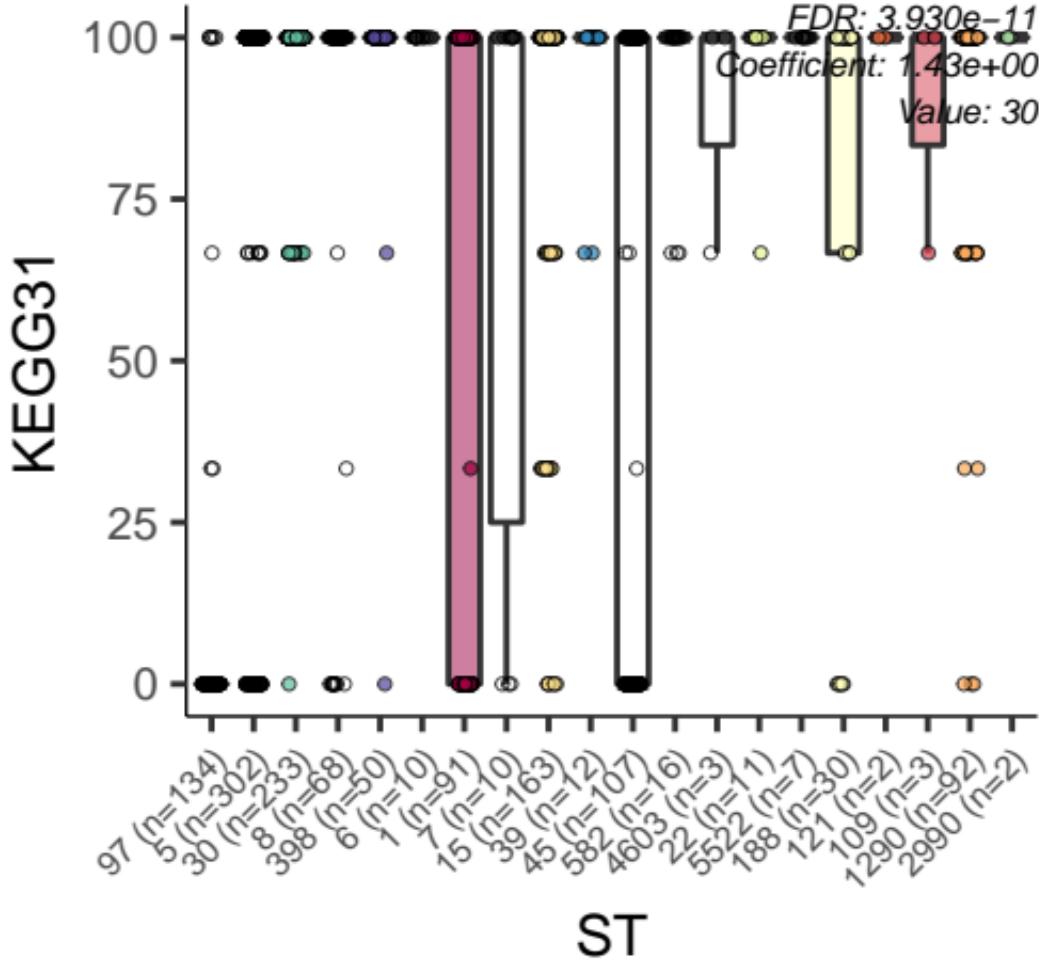
85
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75
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65
60
55
50

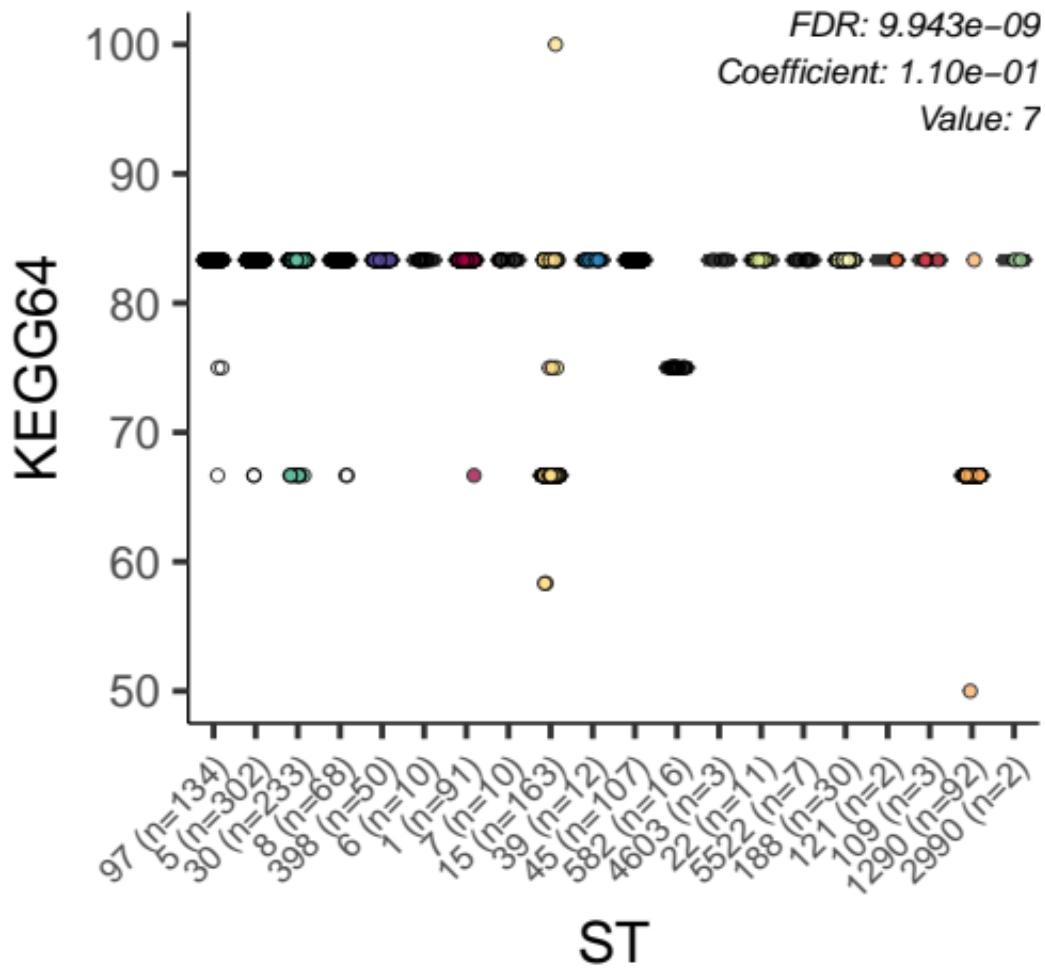
○

○

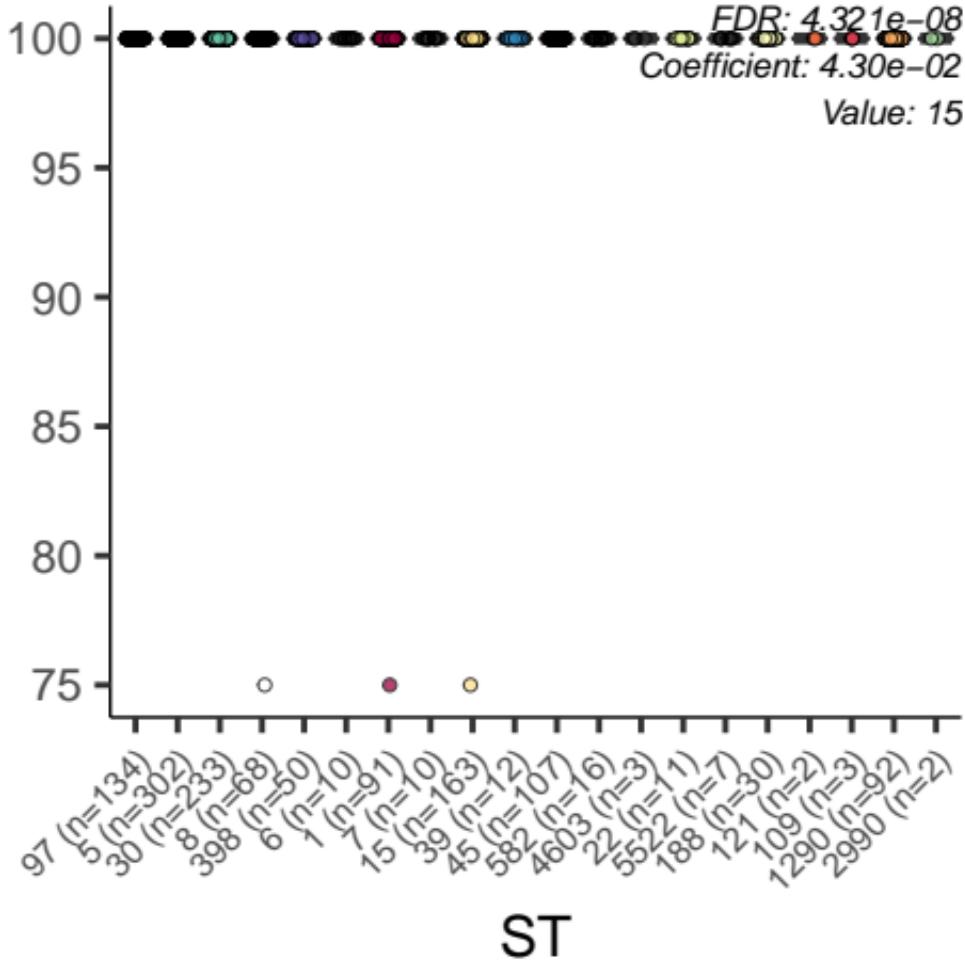


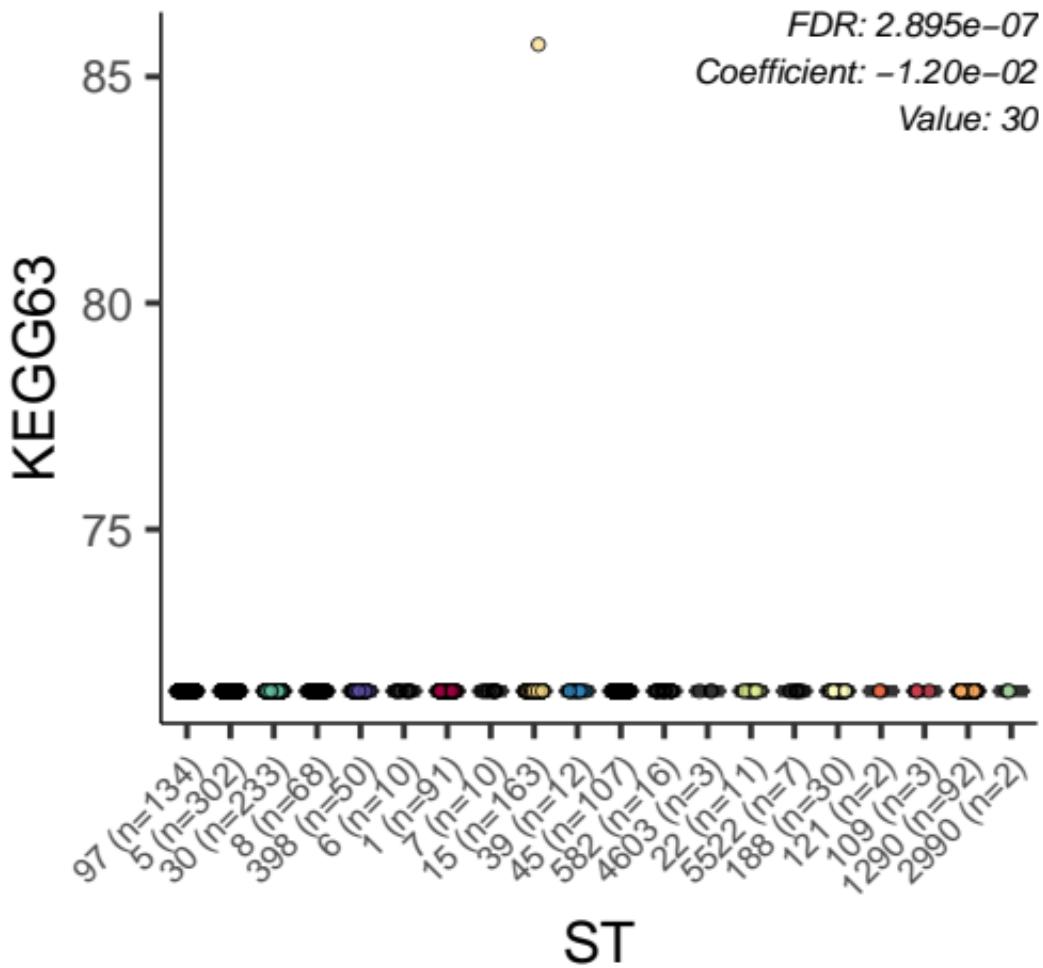


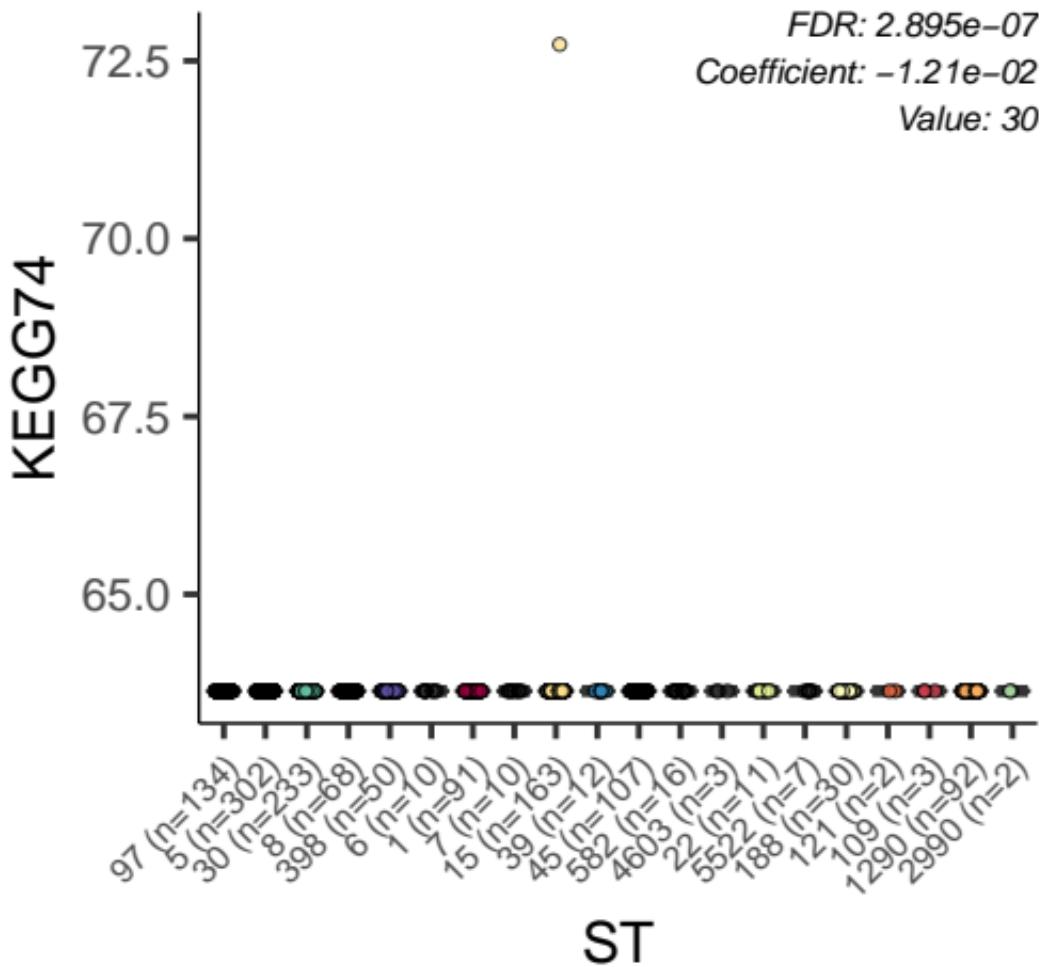


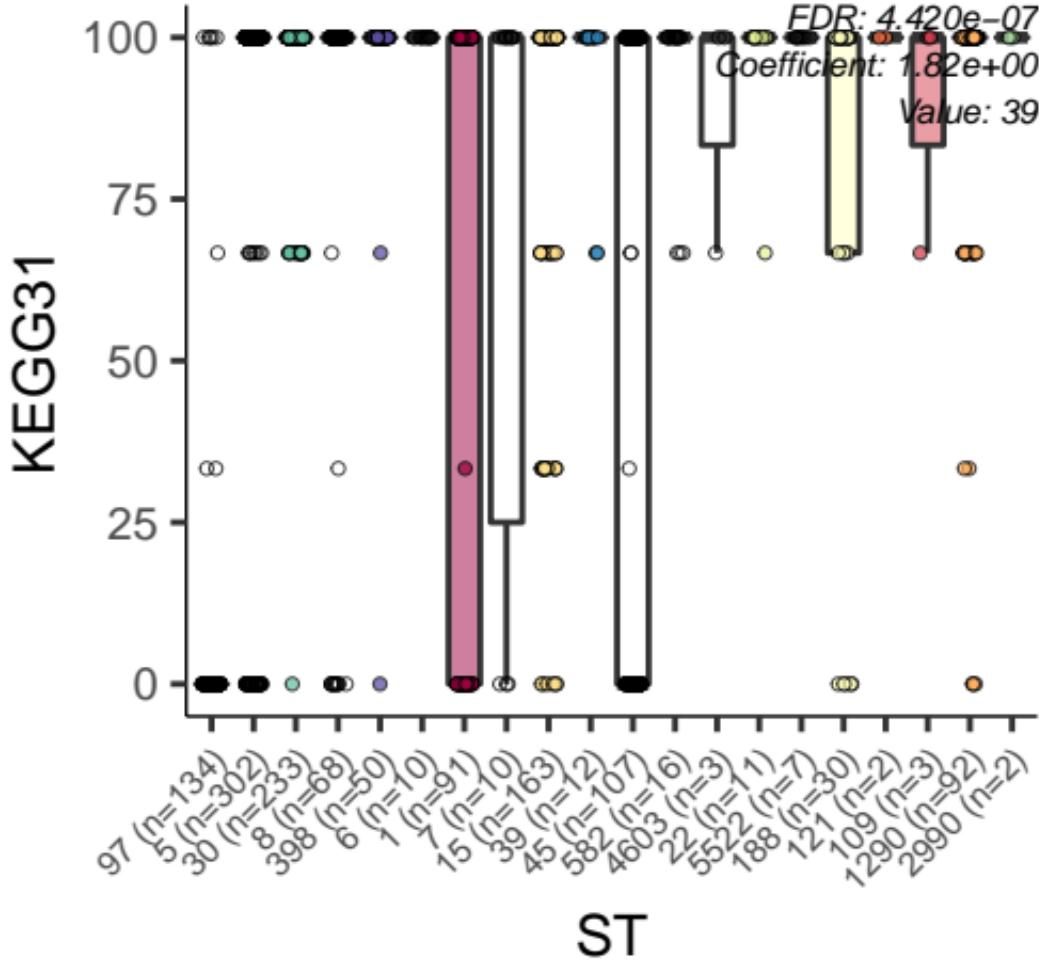


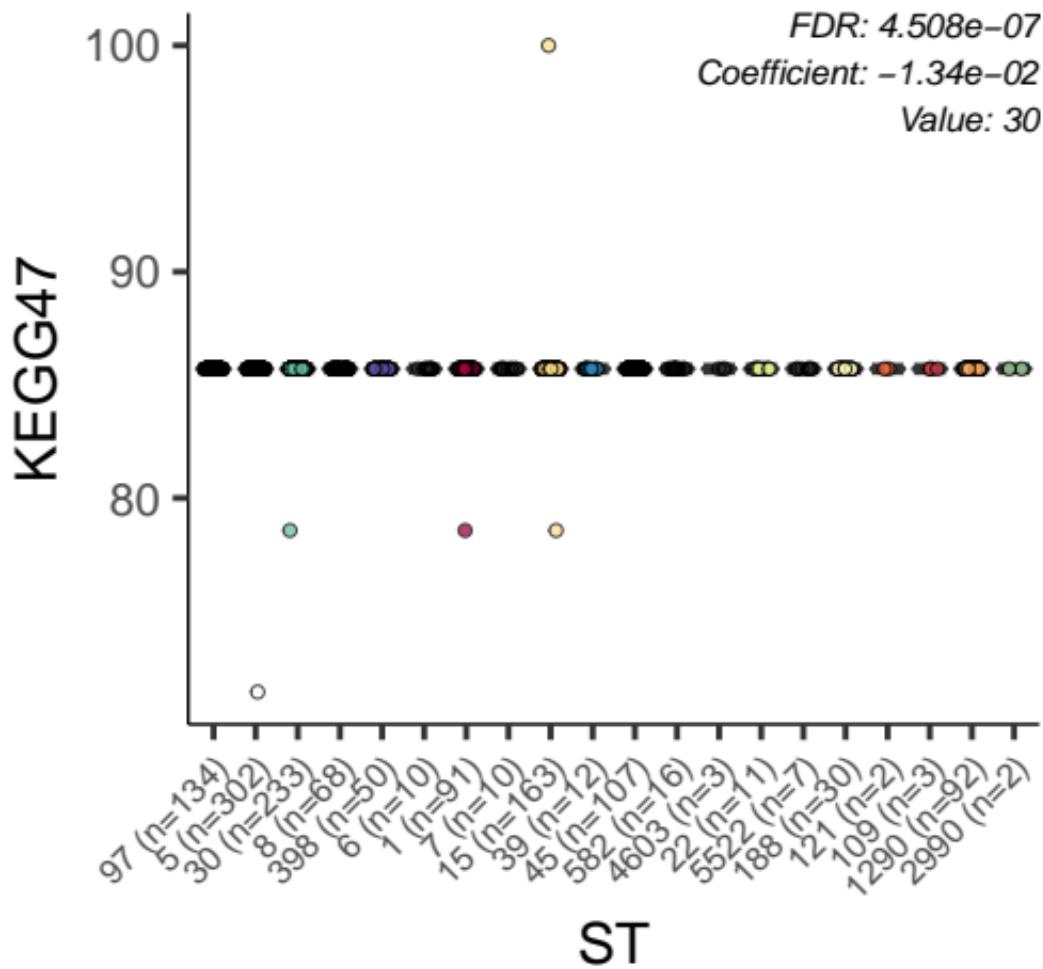
KEGG58

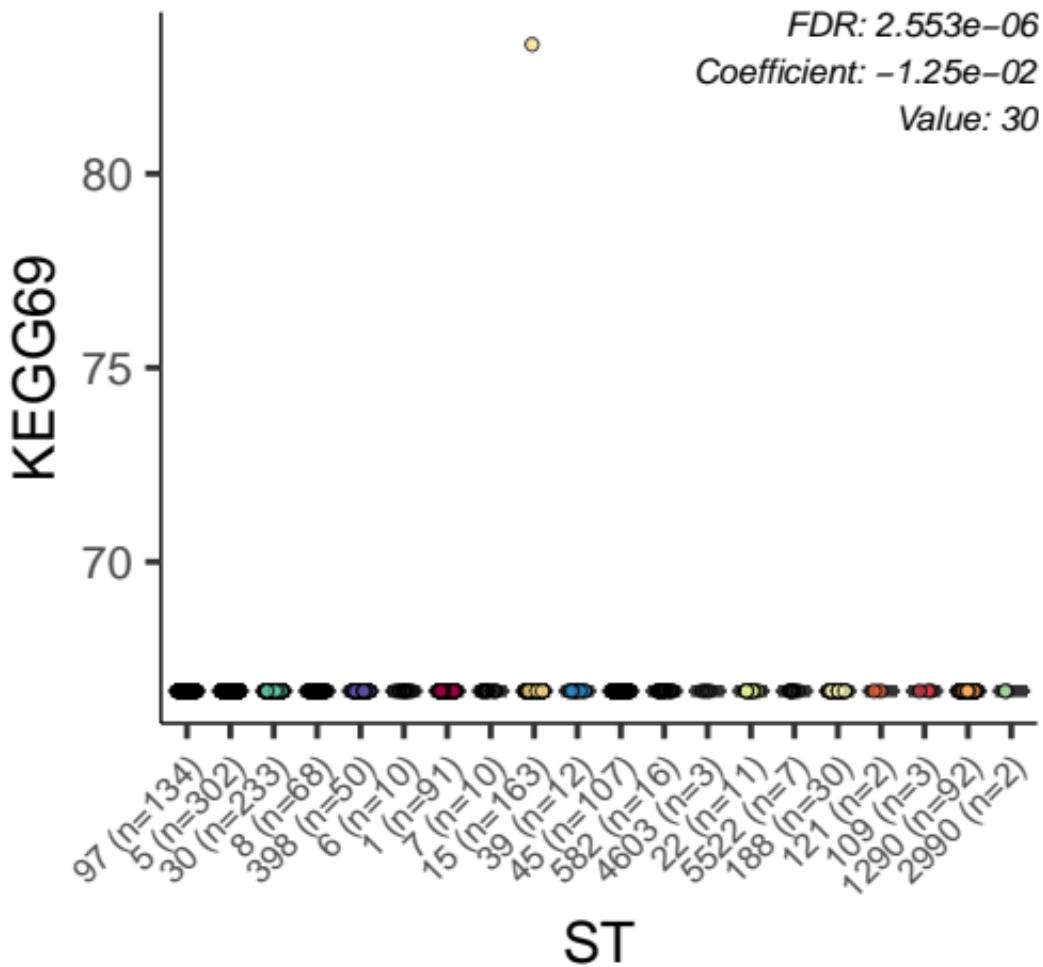




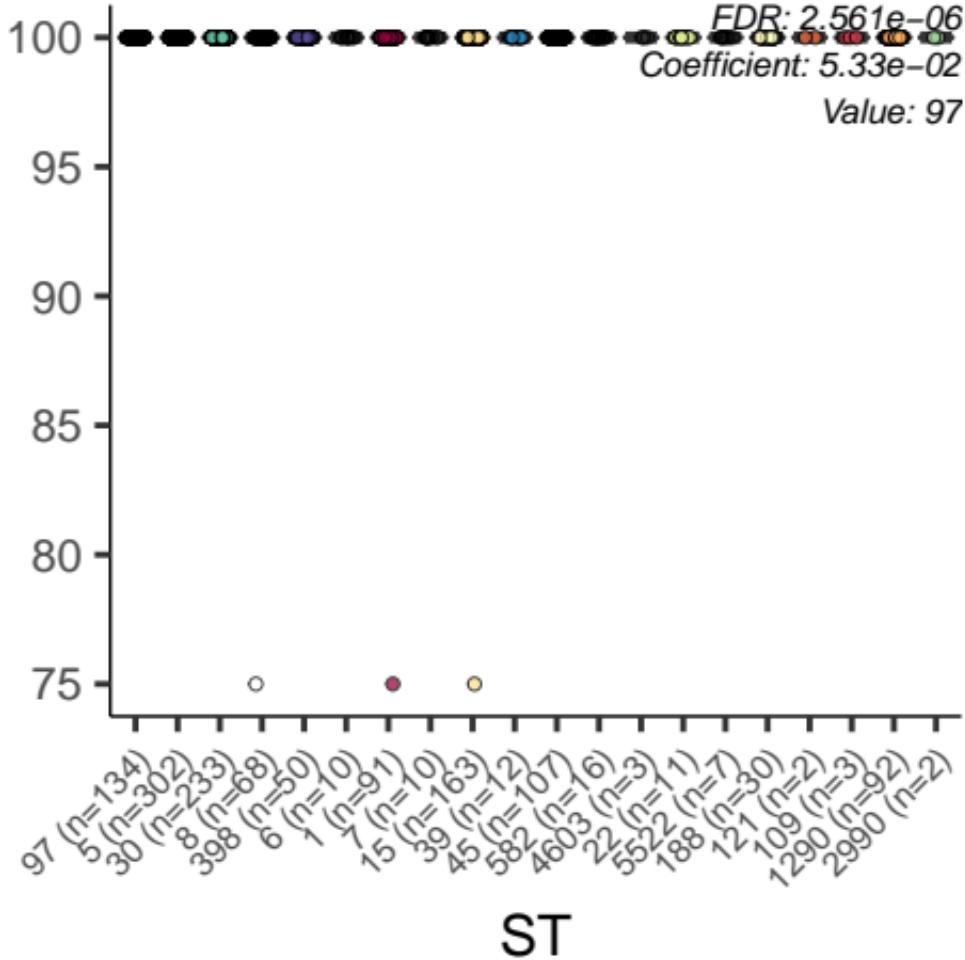


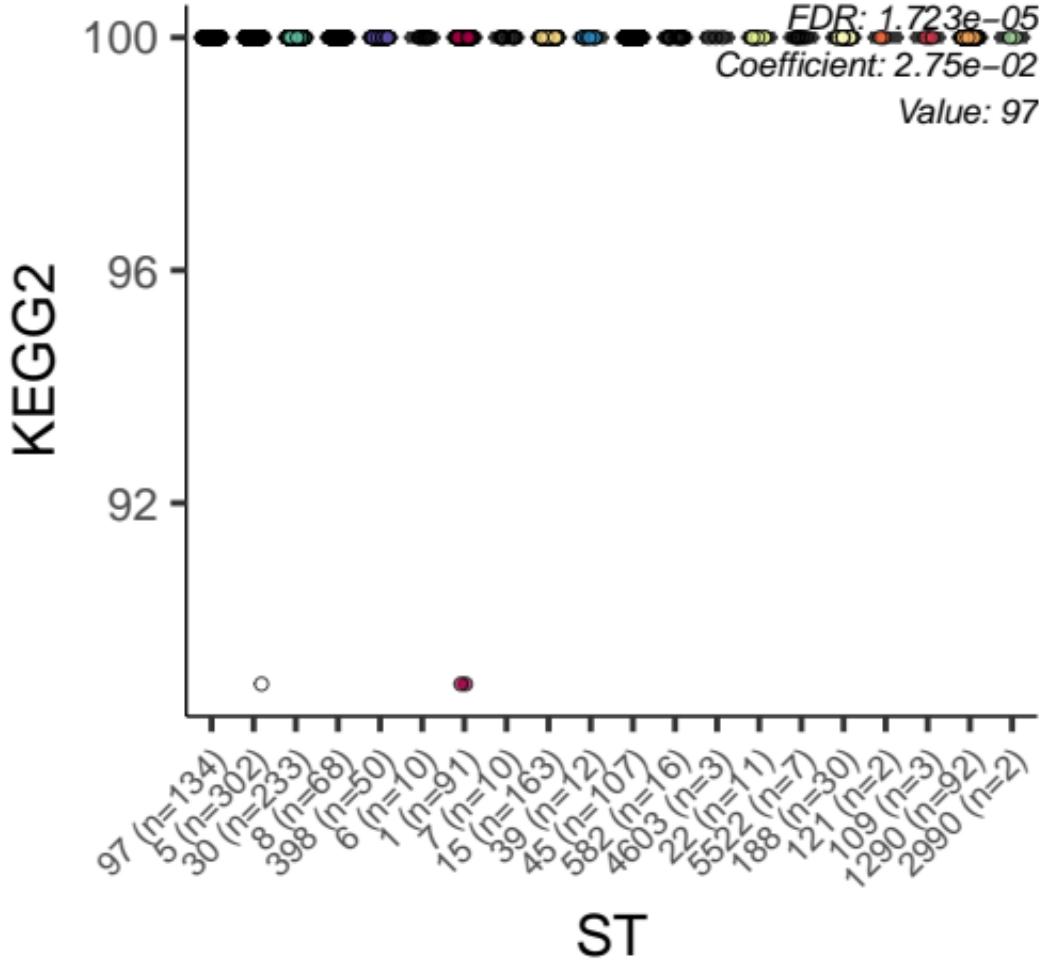




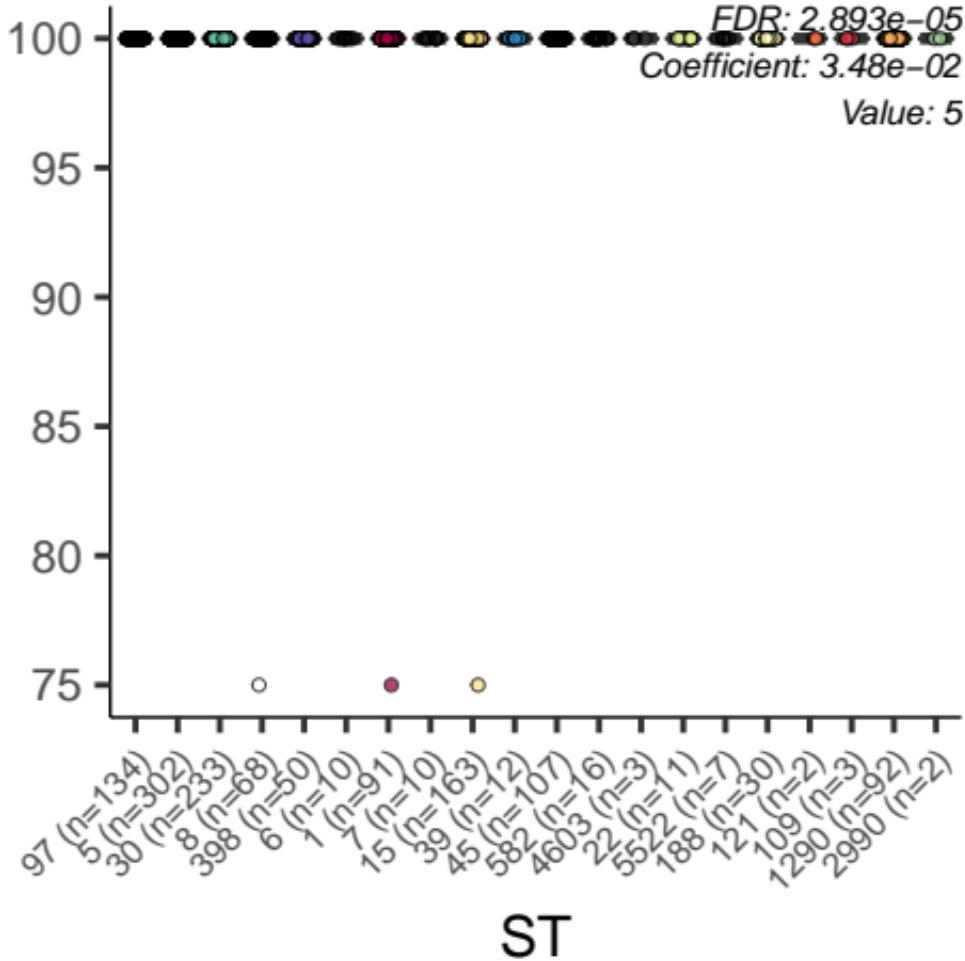


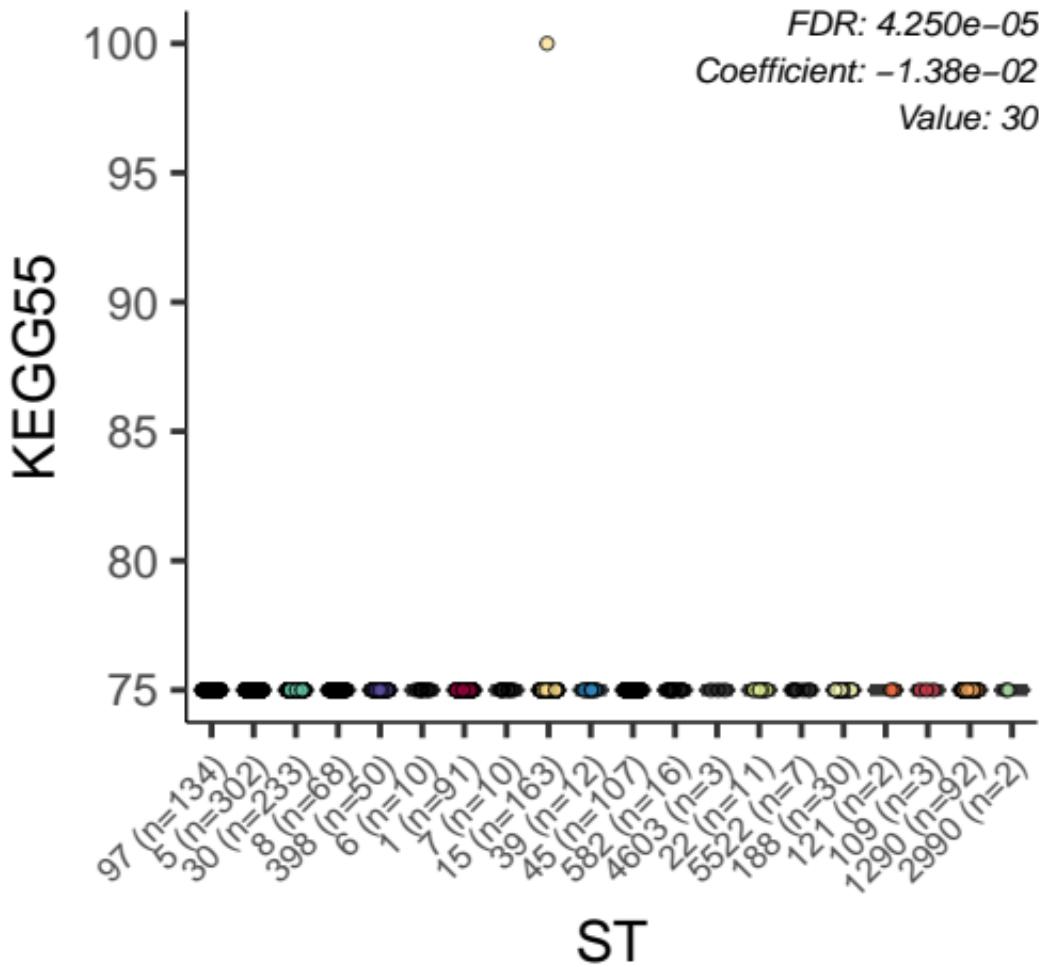
KEGG58

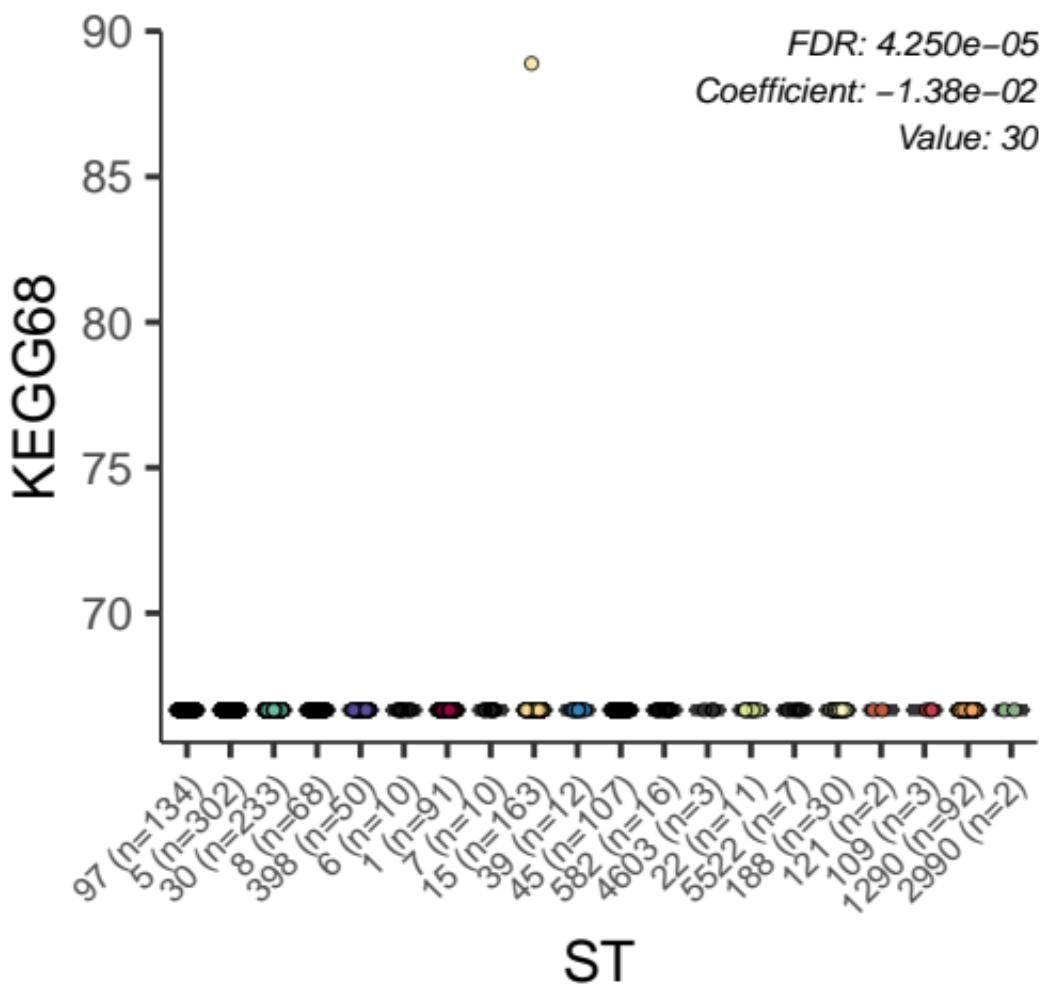


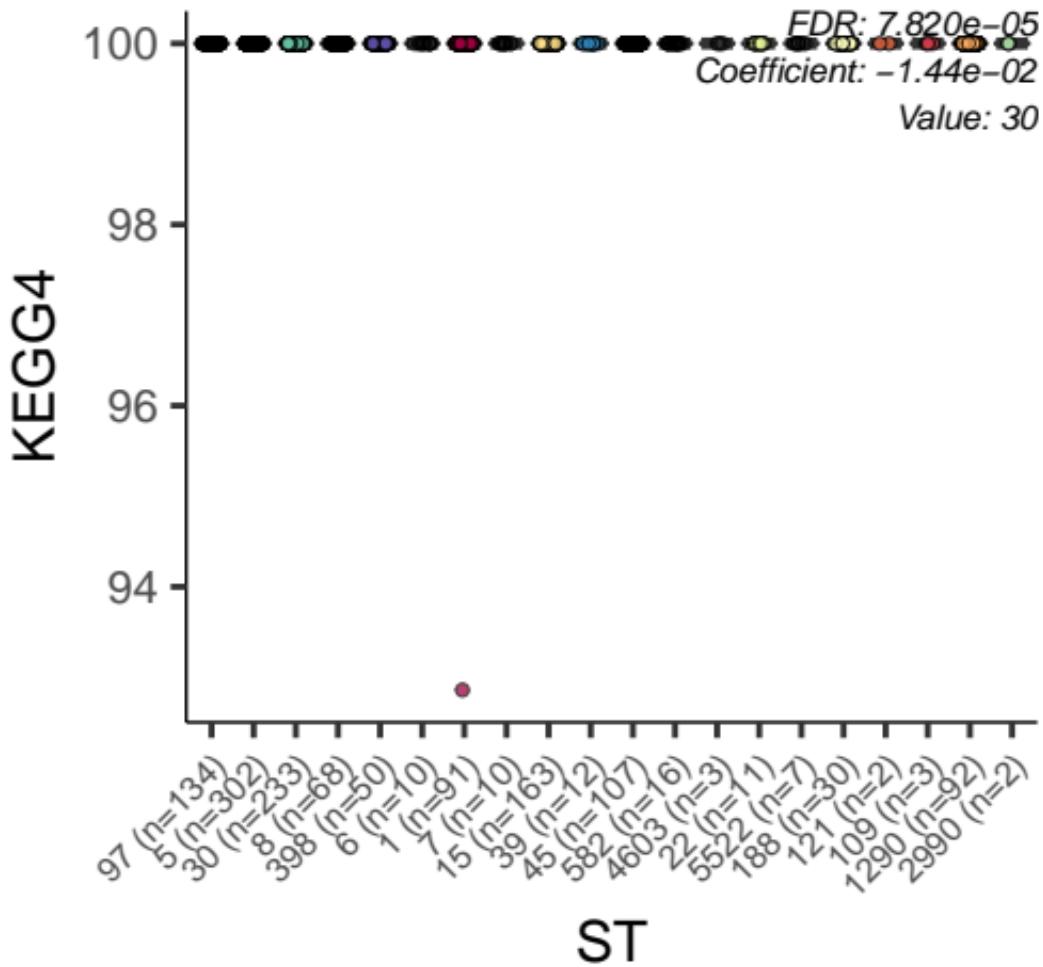


KEGG58

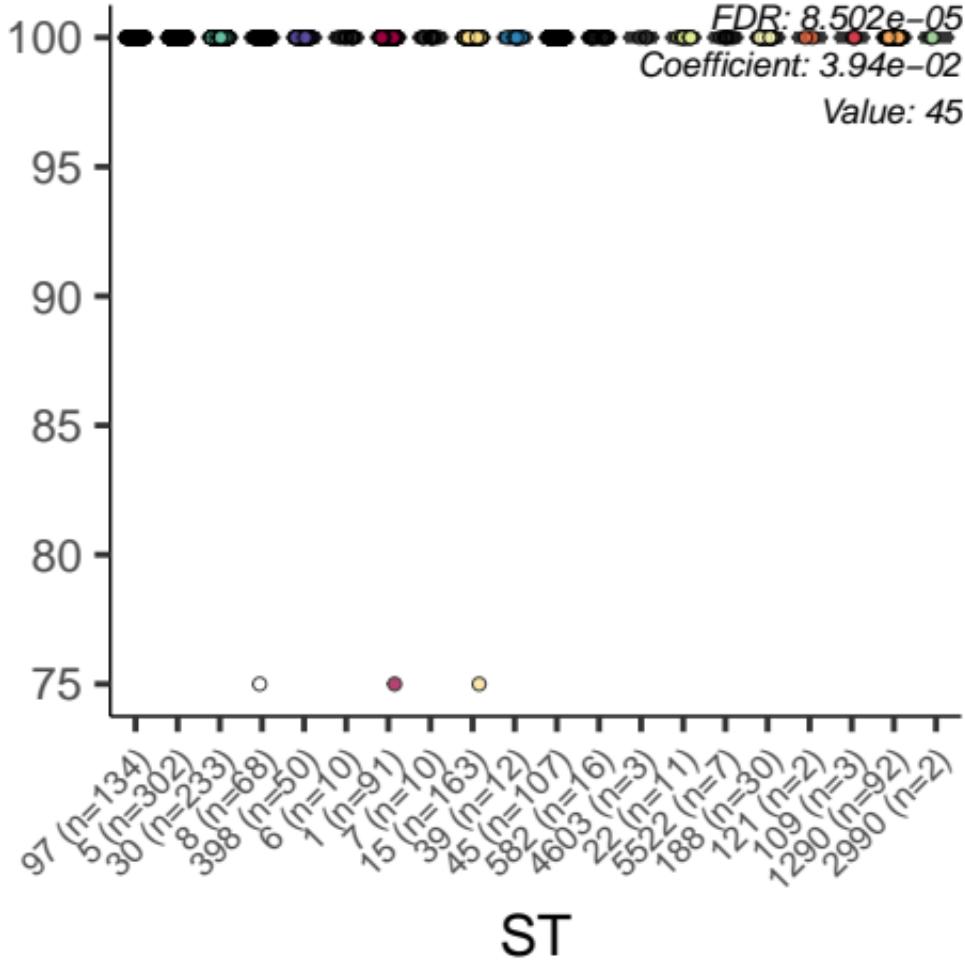


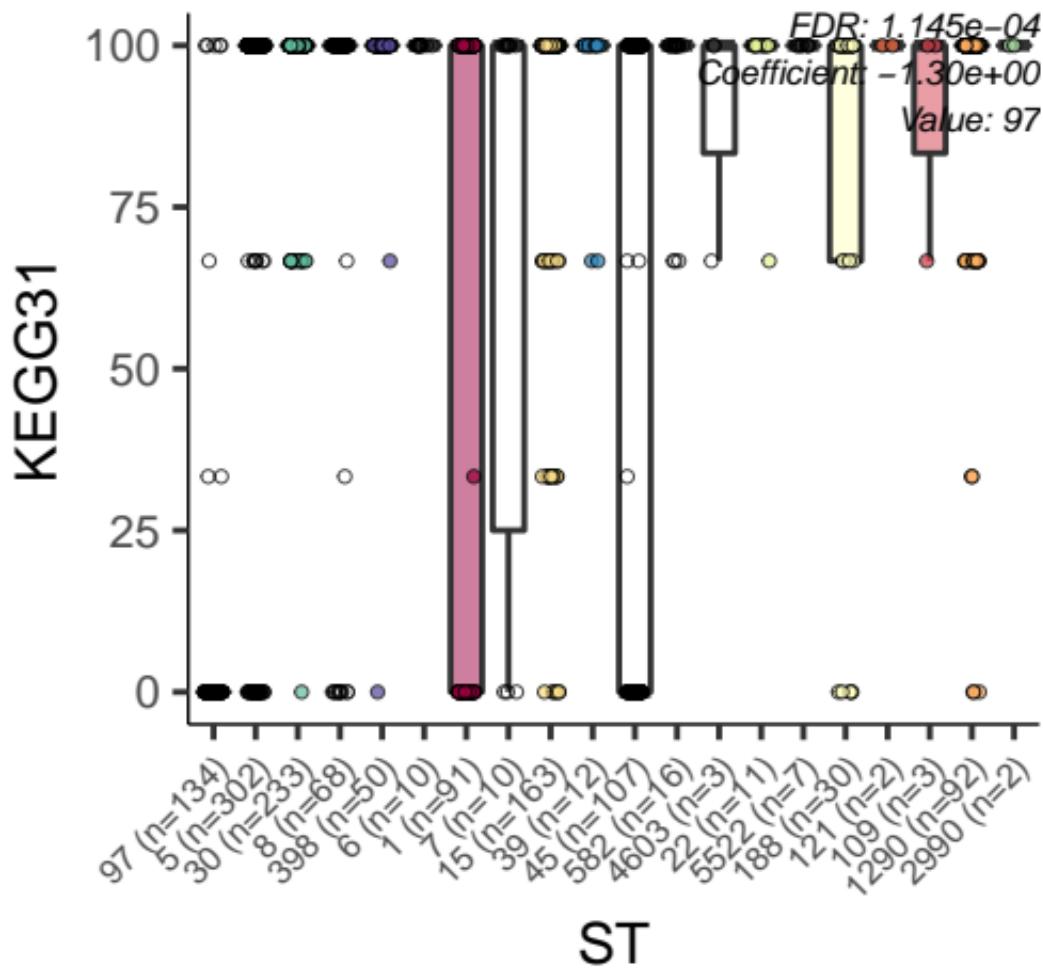


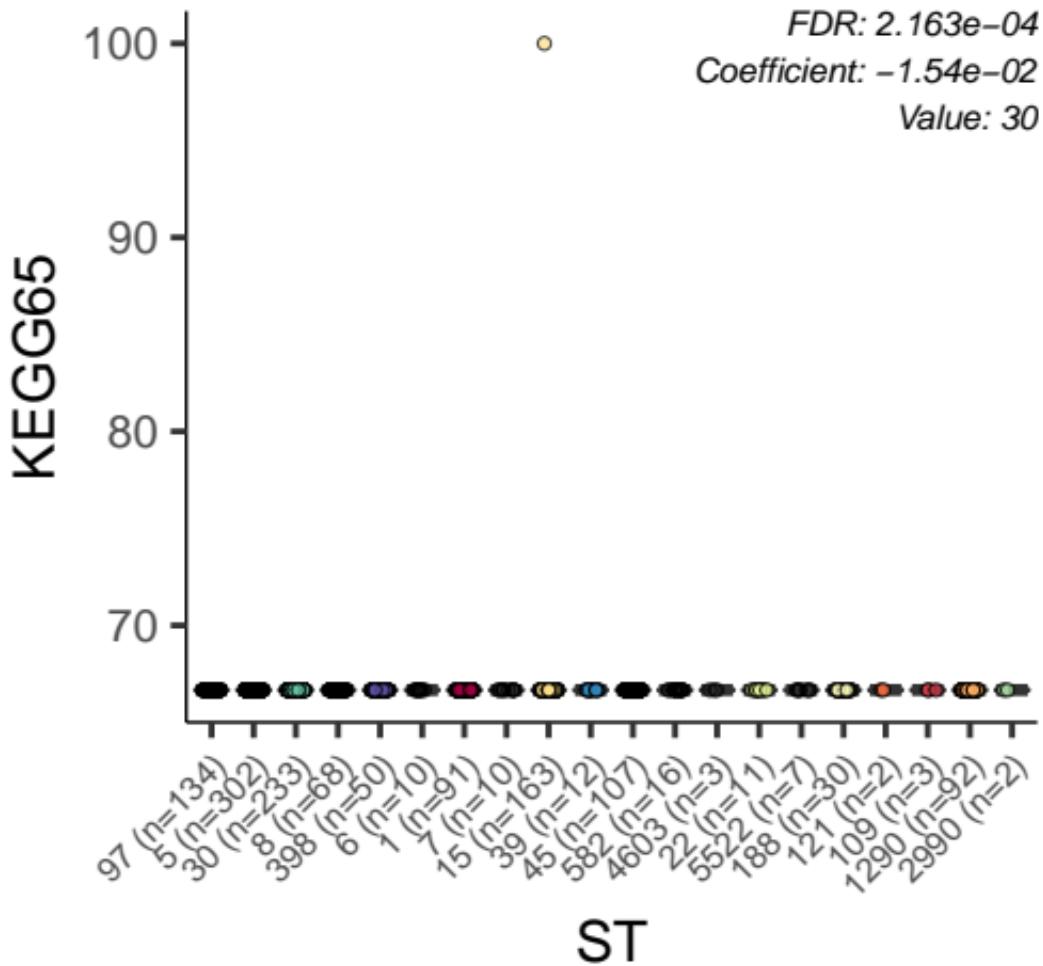


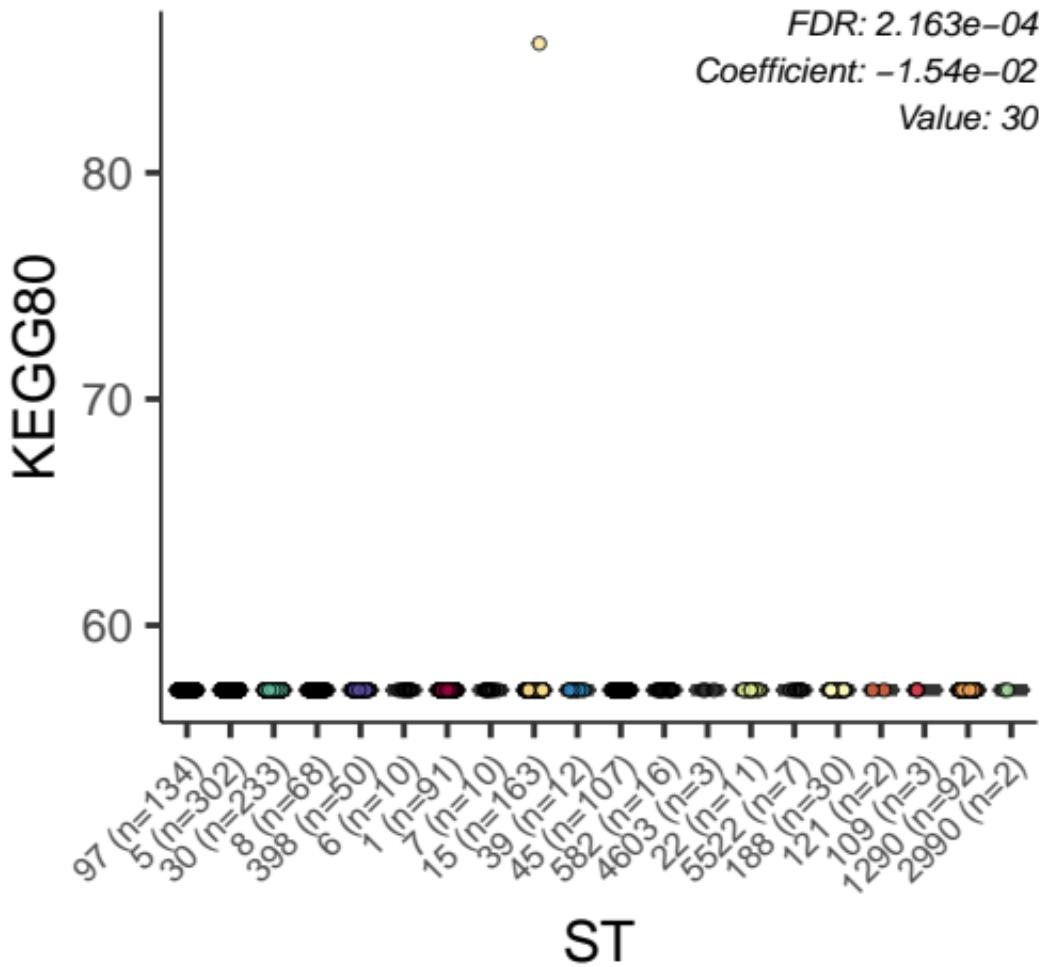


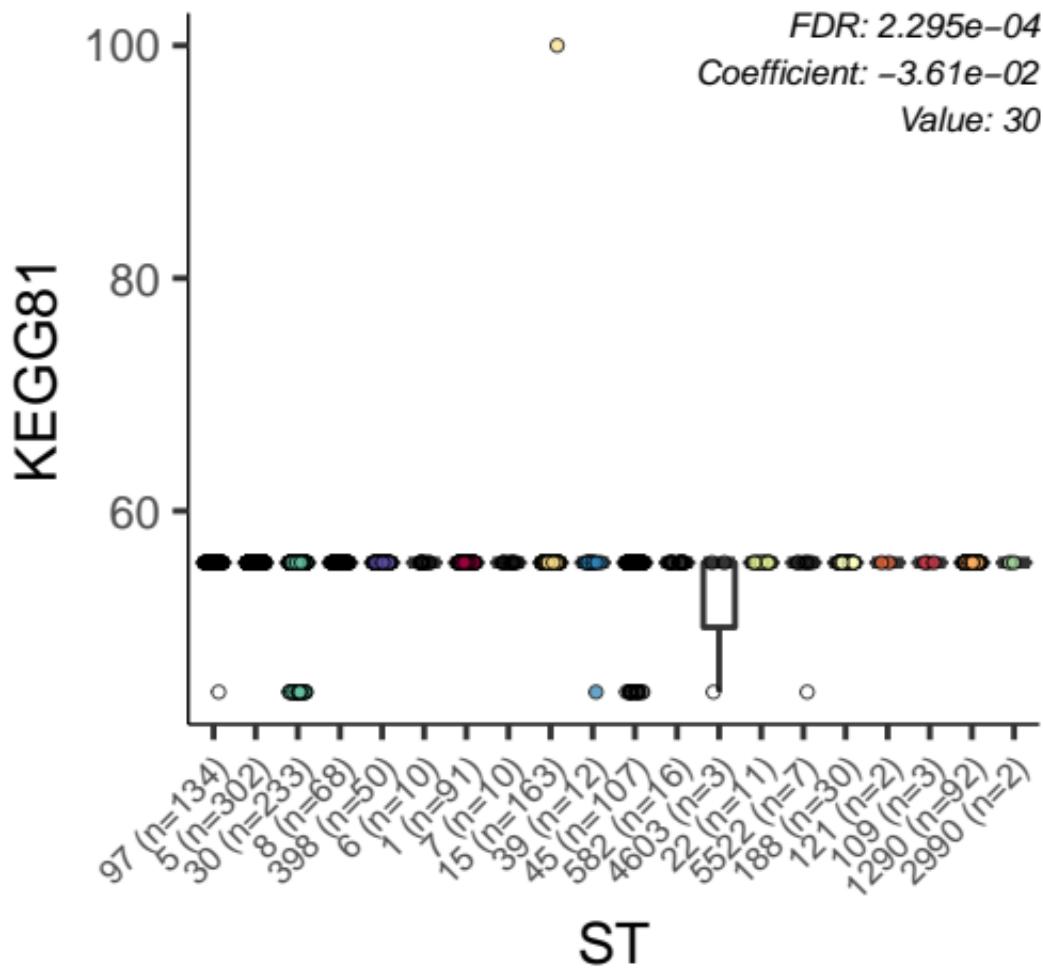
KEGG58

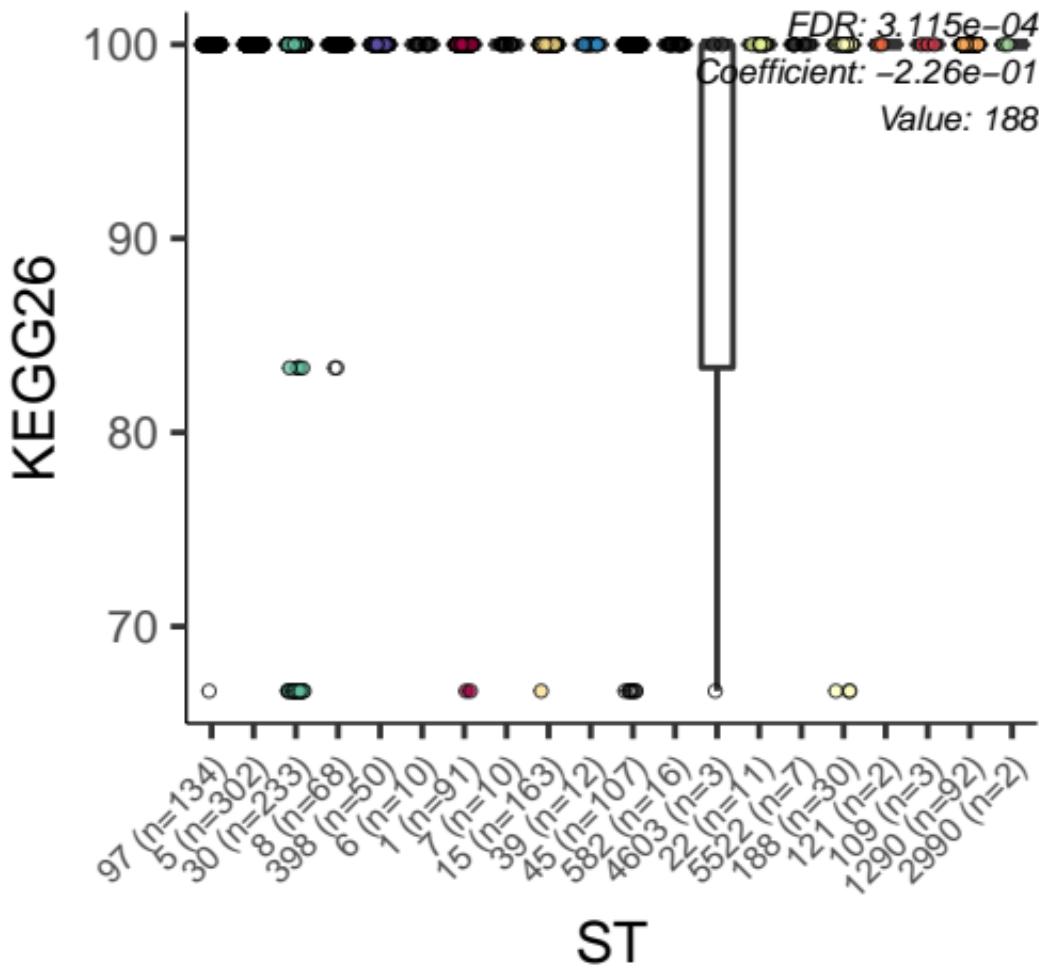


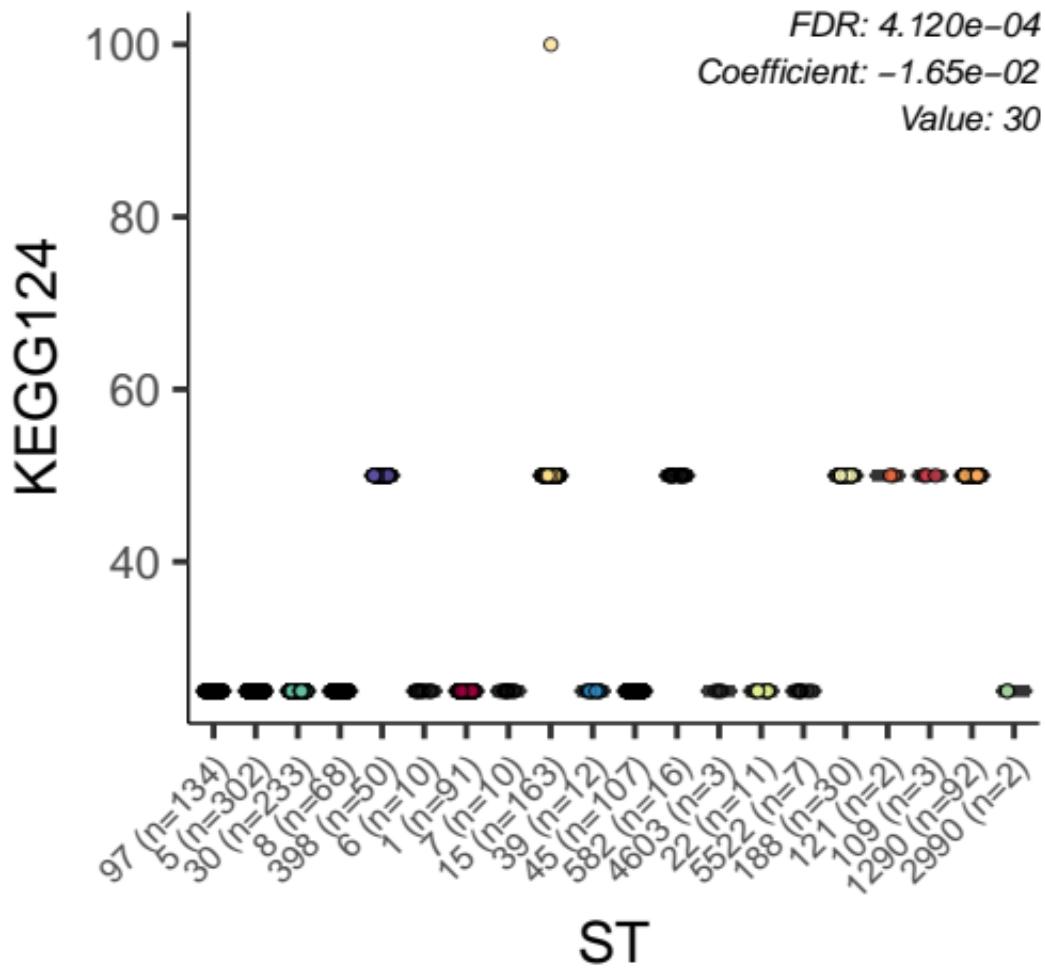




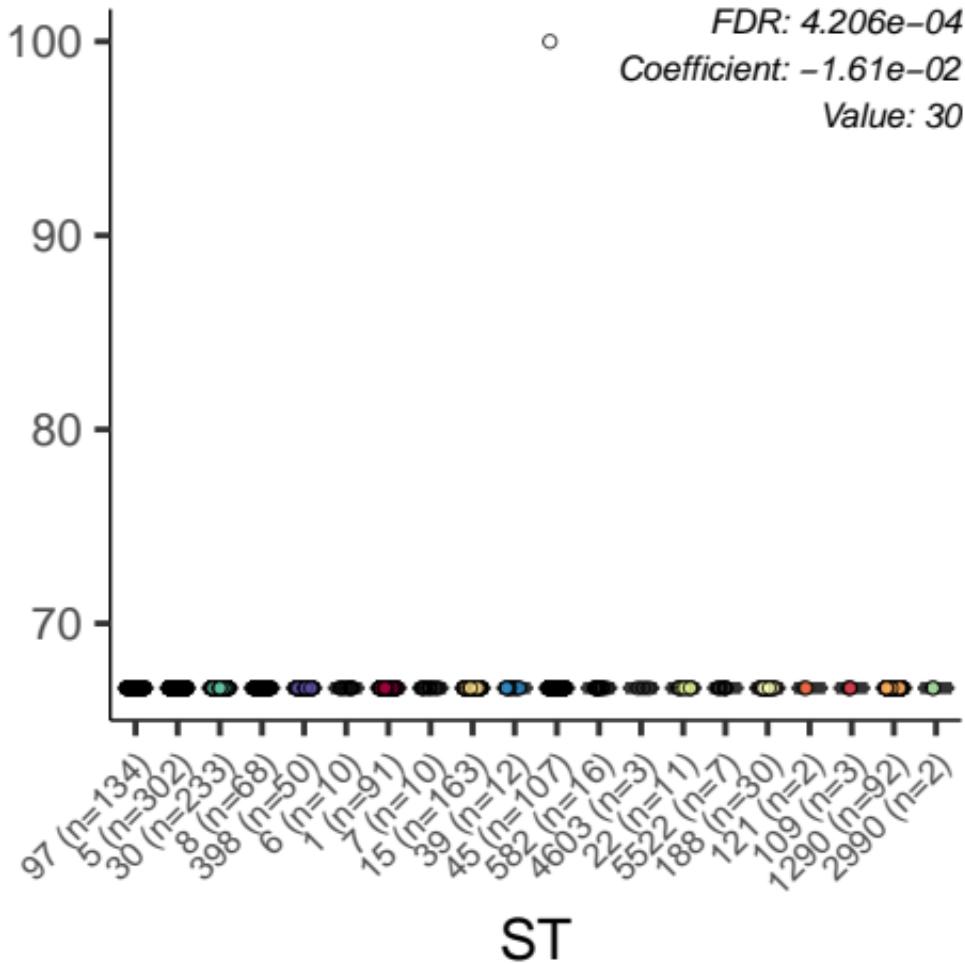


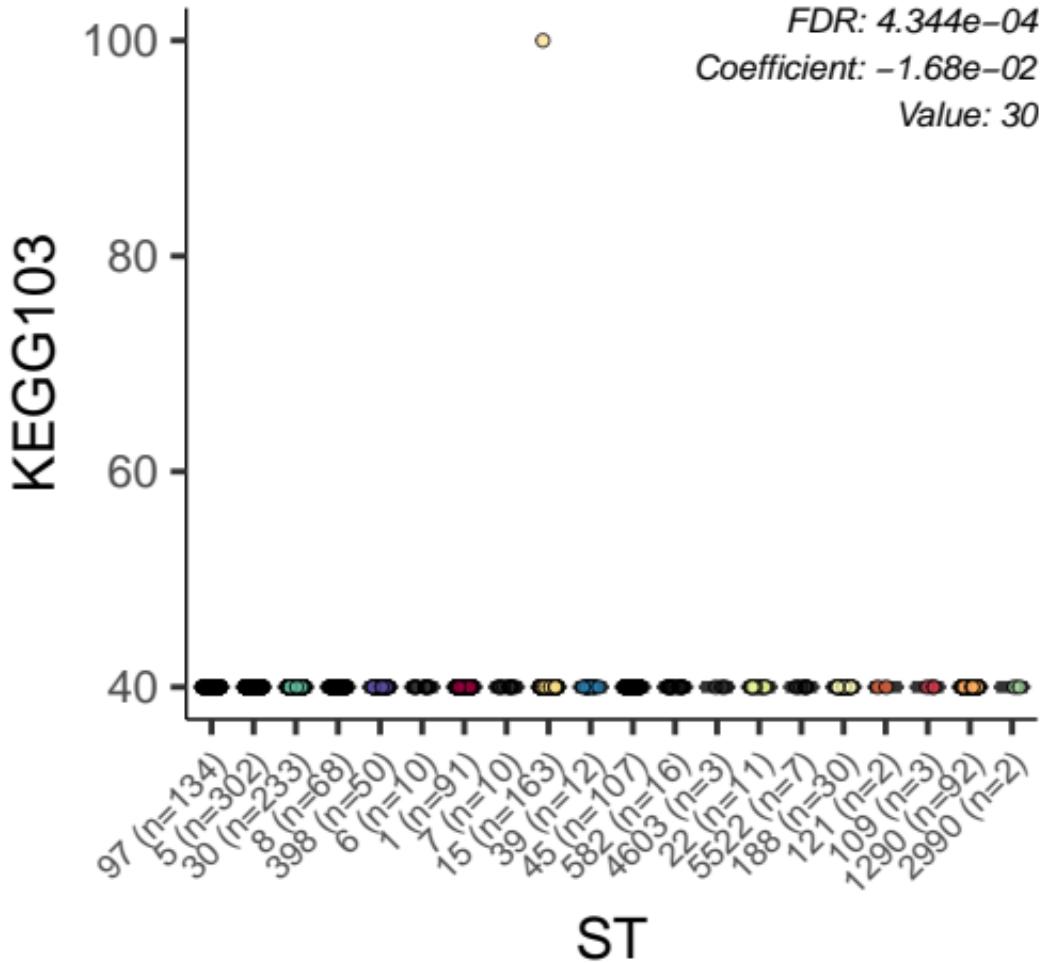


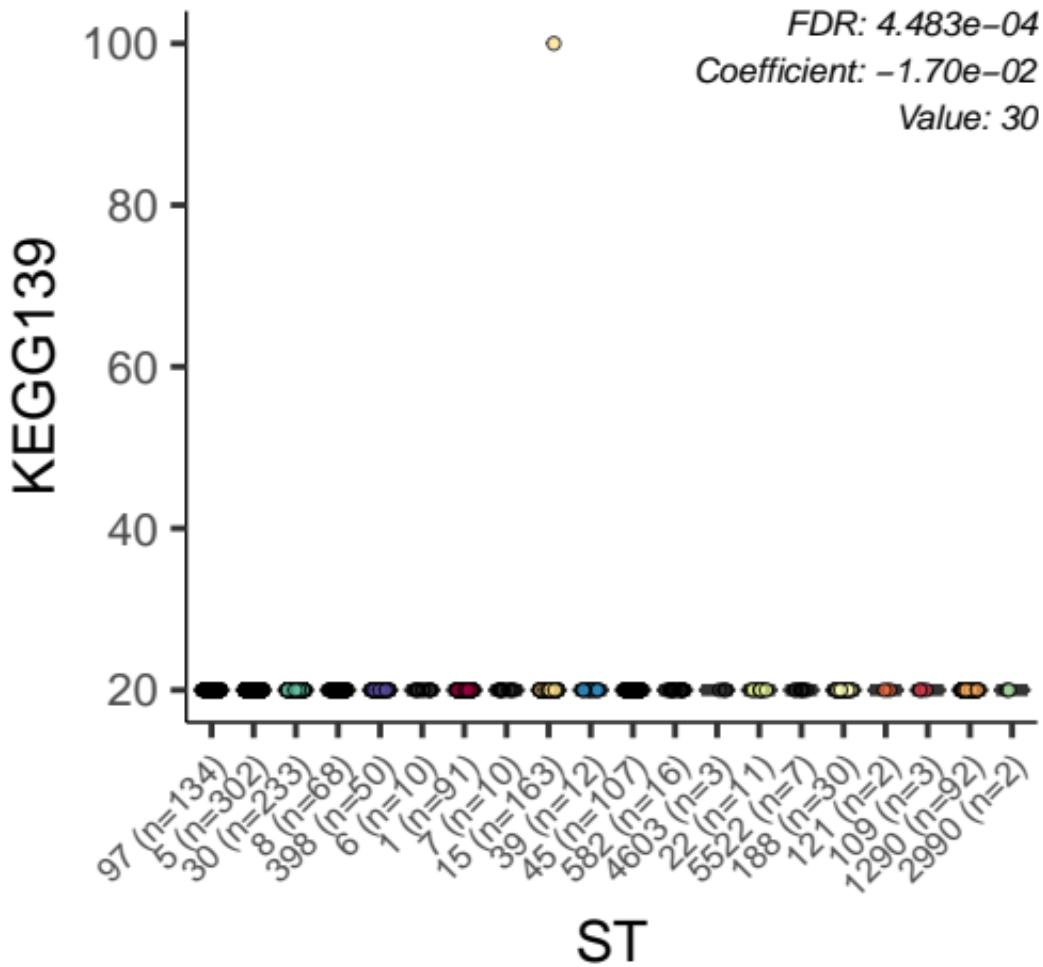


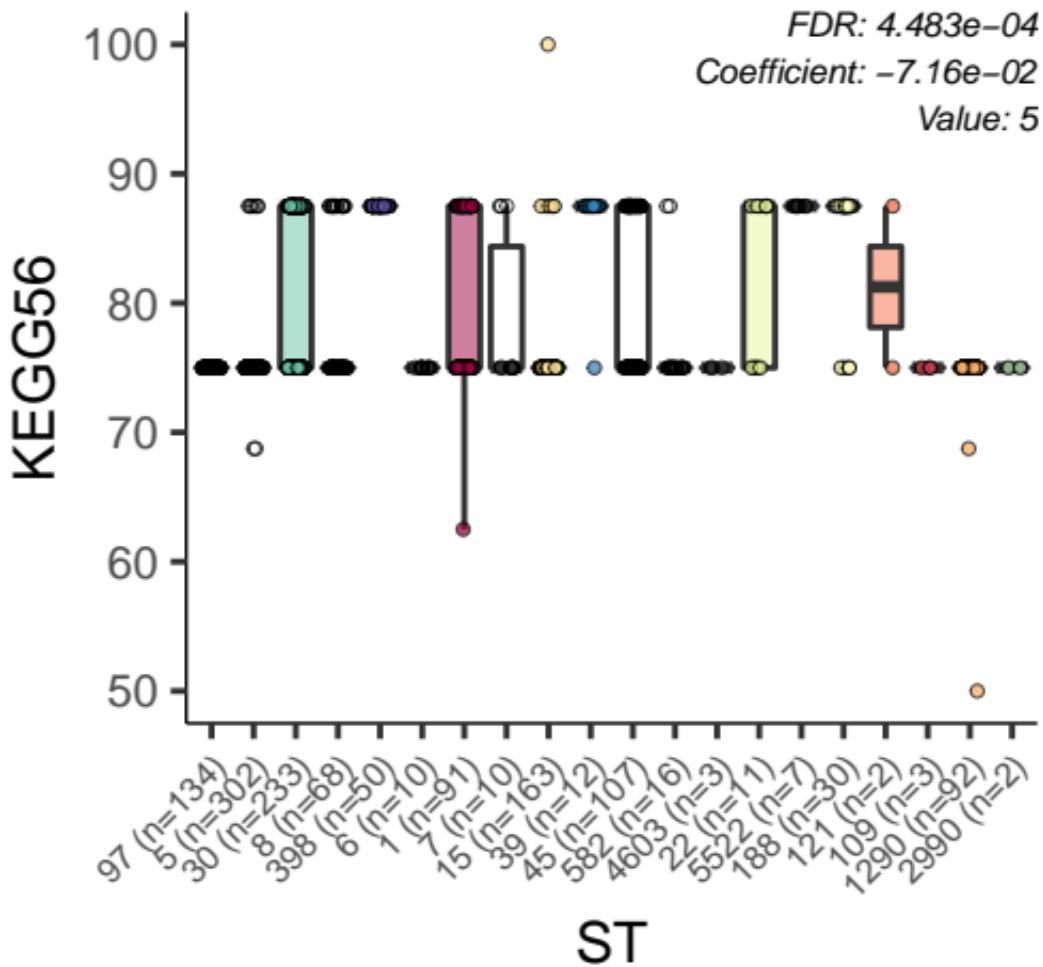


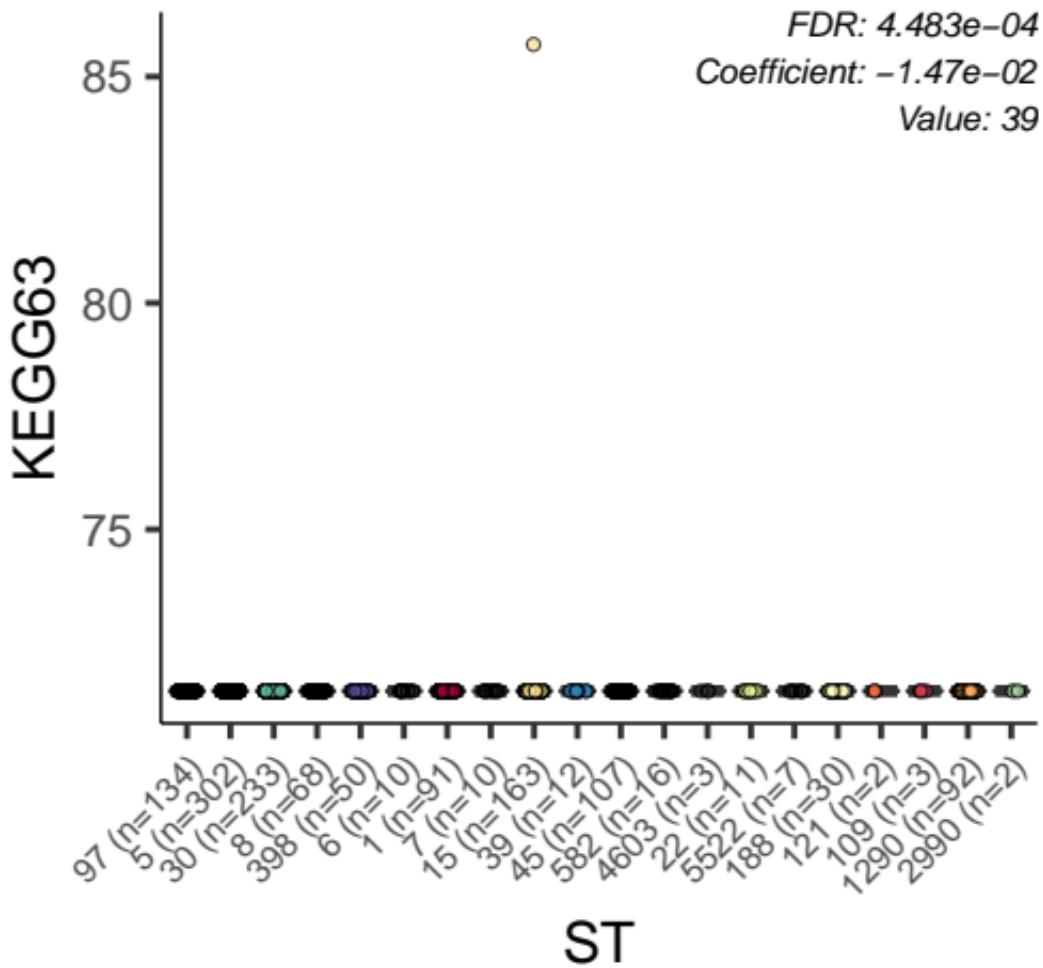
KEGG71











FDR: 5.387e-04
Coefficient: -1.46e-02
Value: 39

KEGG74

72.5

70.0

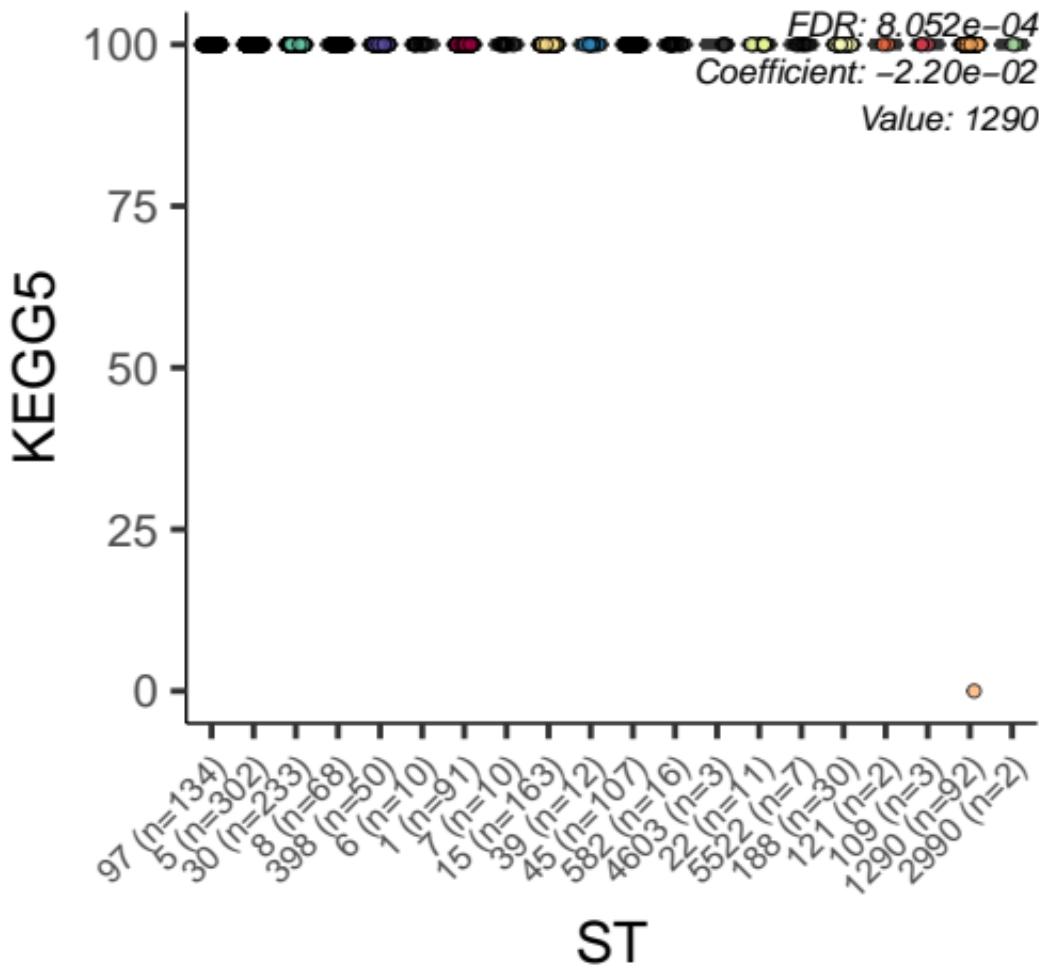
67.5

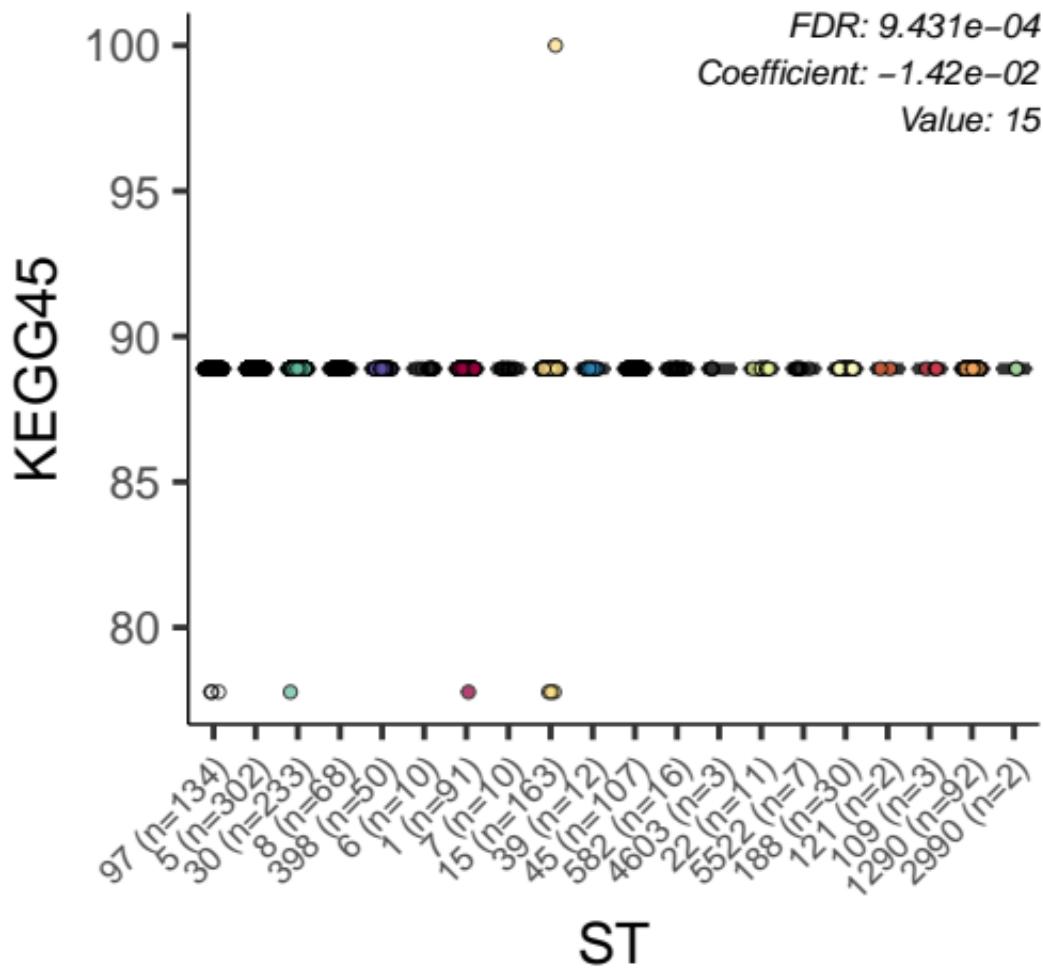
65.0

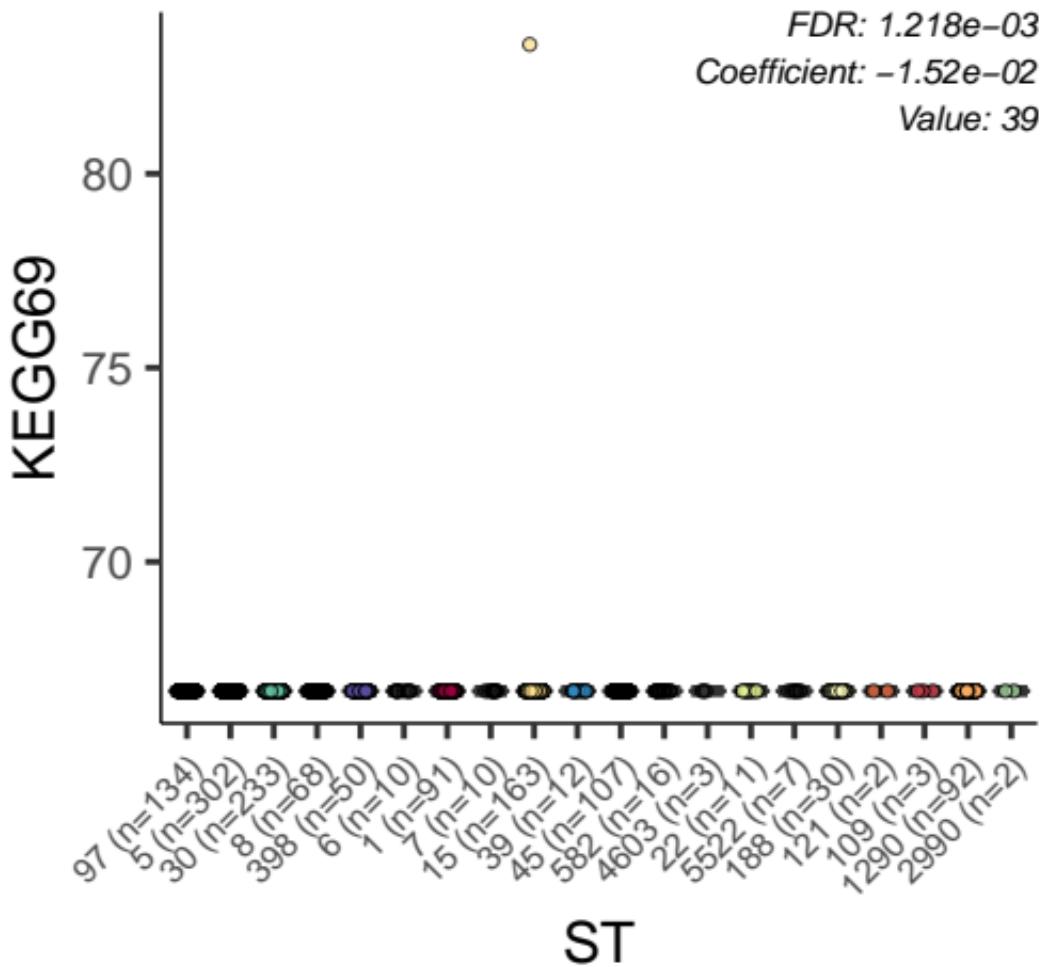


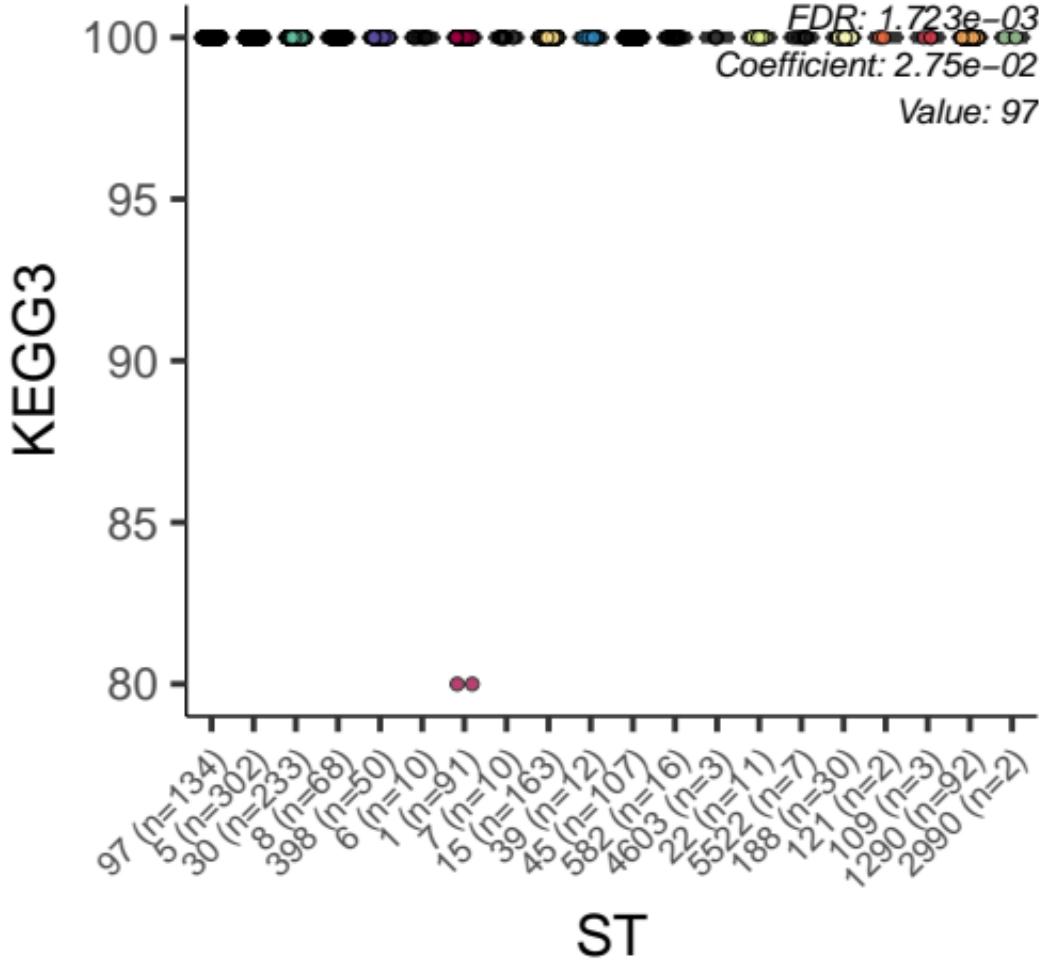
97 (n=134)
5 (n=302)
30 (n=233)
38 (n=68)
398 (n=50)
6 (n=10)
1 (n=91)
15 (n=163)
39 (n=120)
45 (n=107)
582 (n=16)
4603 (n=3)
22 (n=11)
552 (n=1)
188 (n=1)
121 (n=30)
109 (n=2)
1290 (n=3)
2990 (n=2)

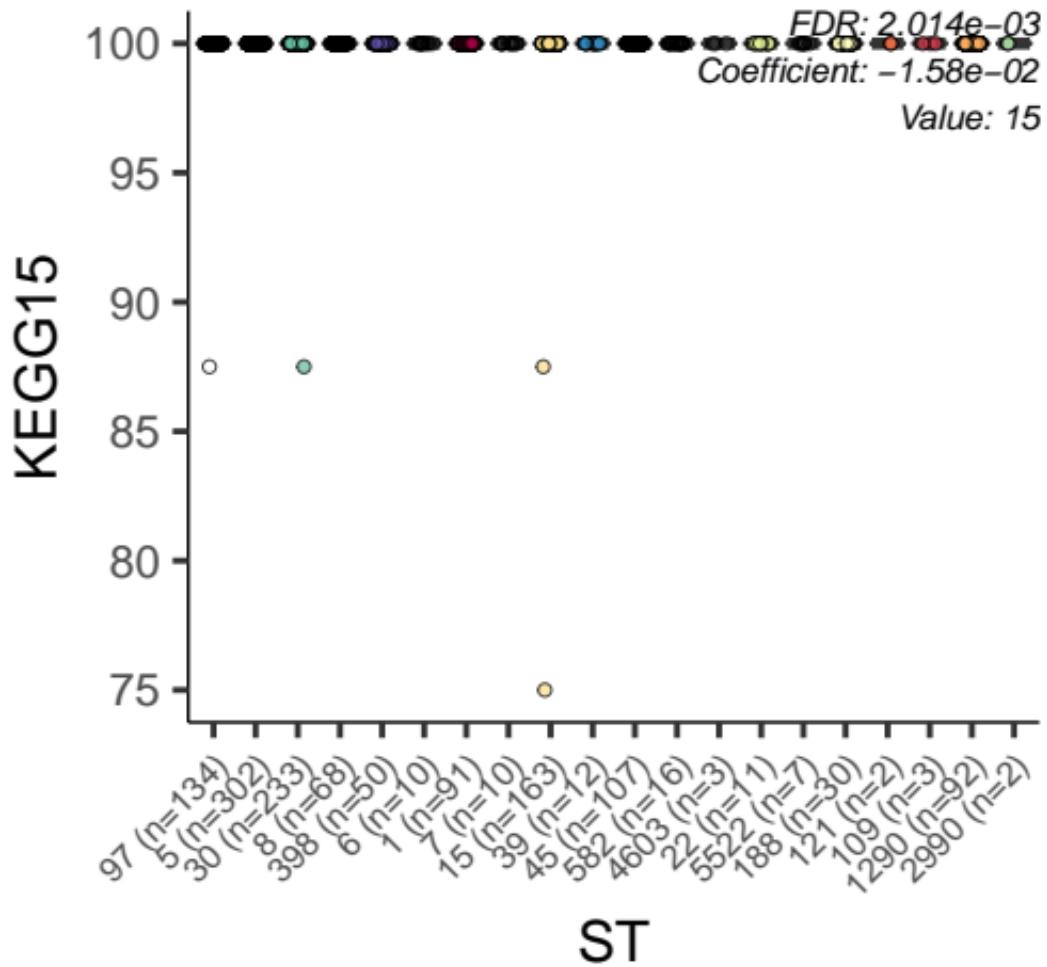
ST

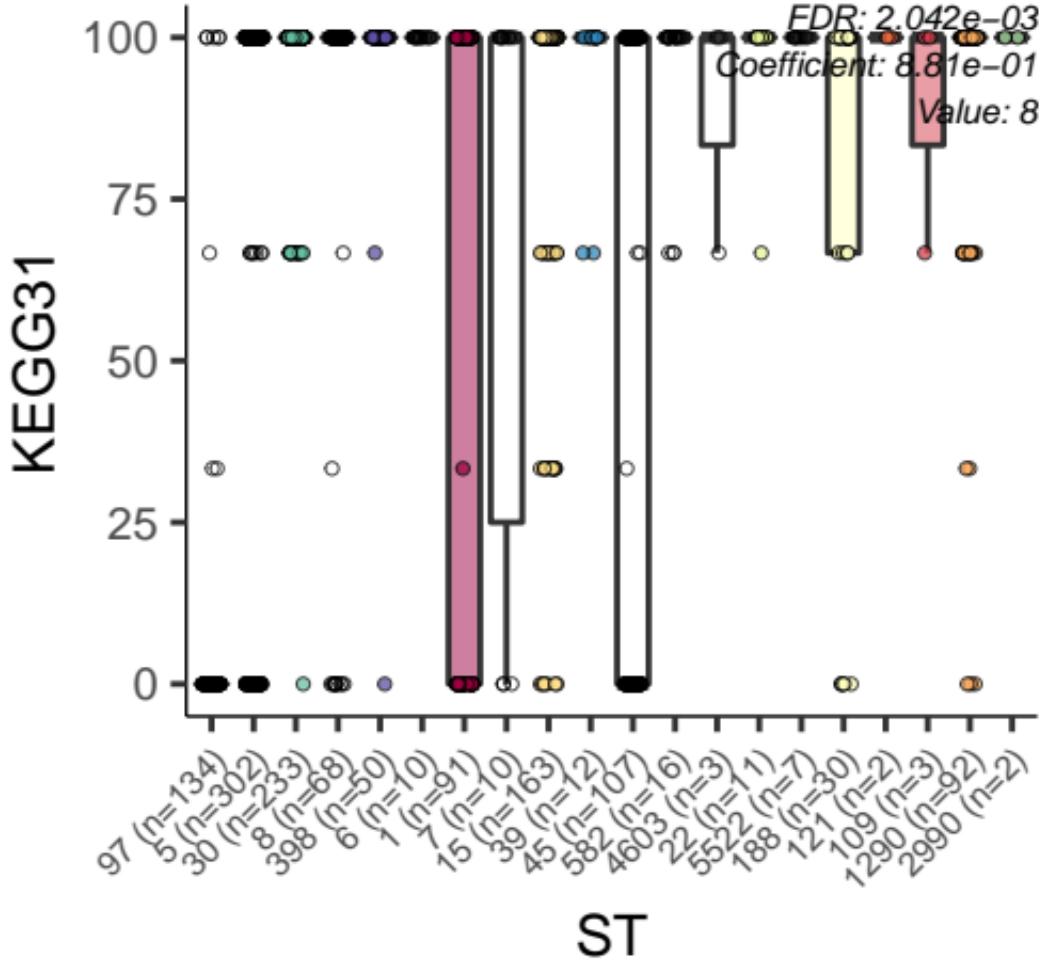






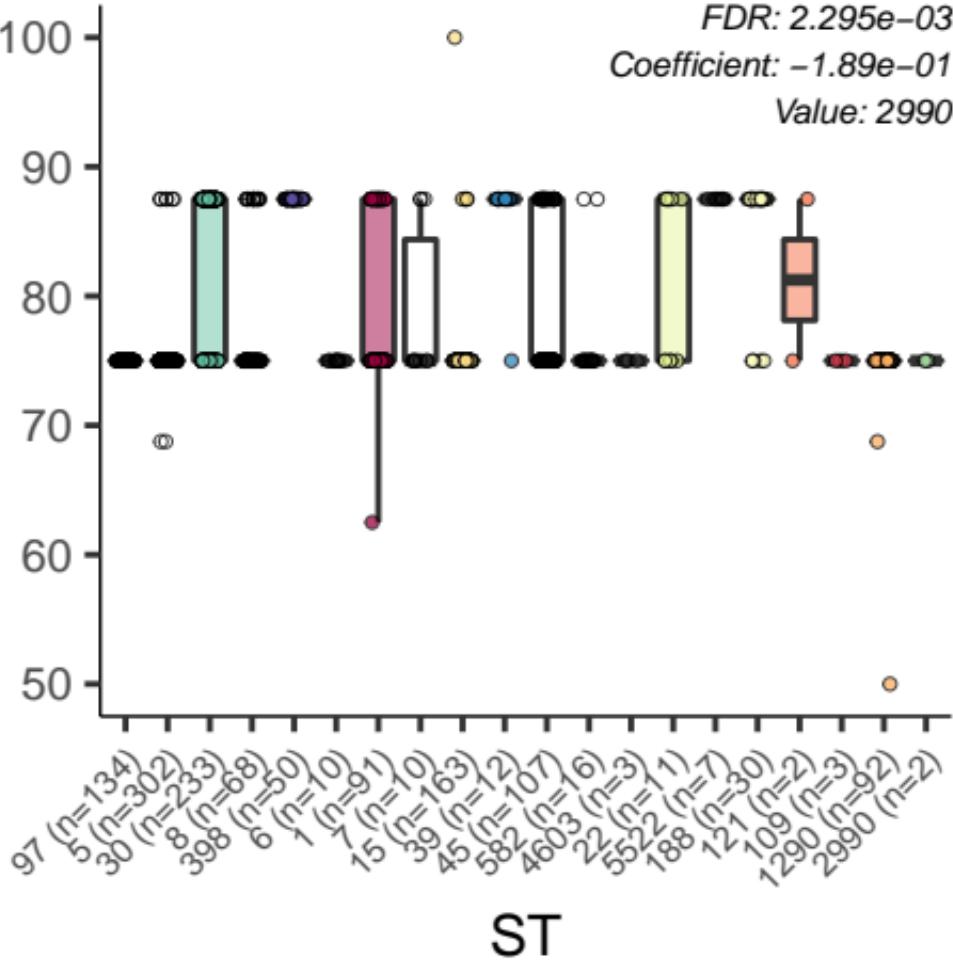


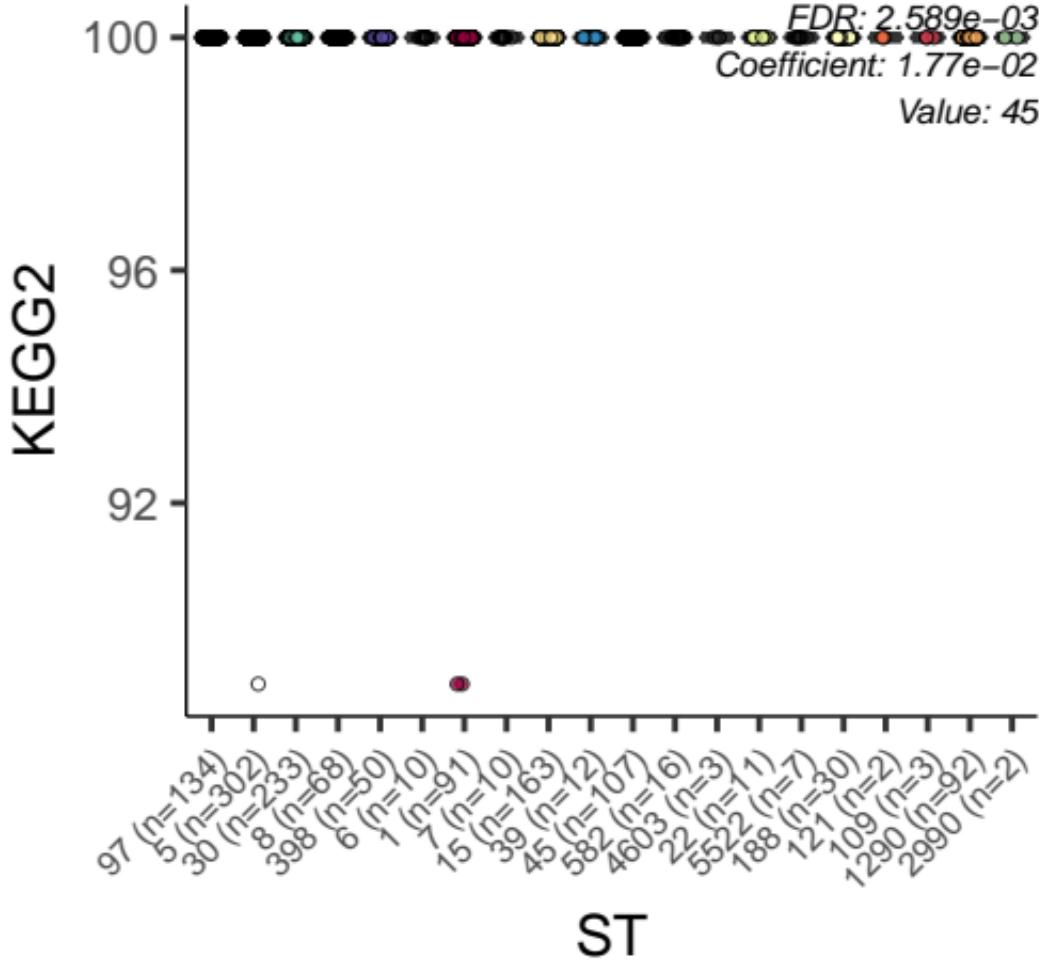


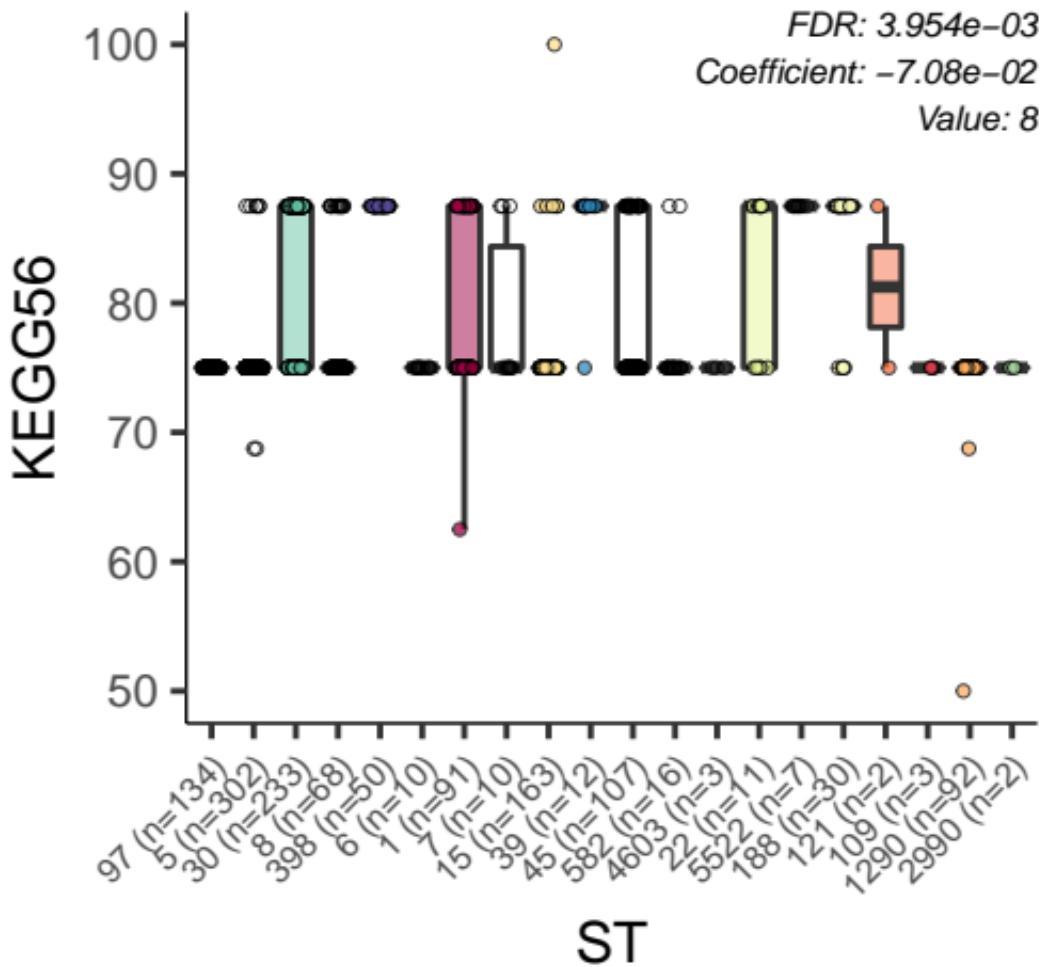


FDR: 2.295e-03
Coefficient: -1.89e-01
Value: 2990

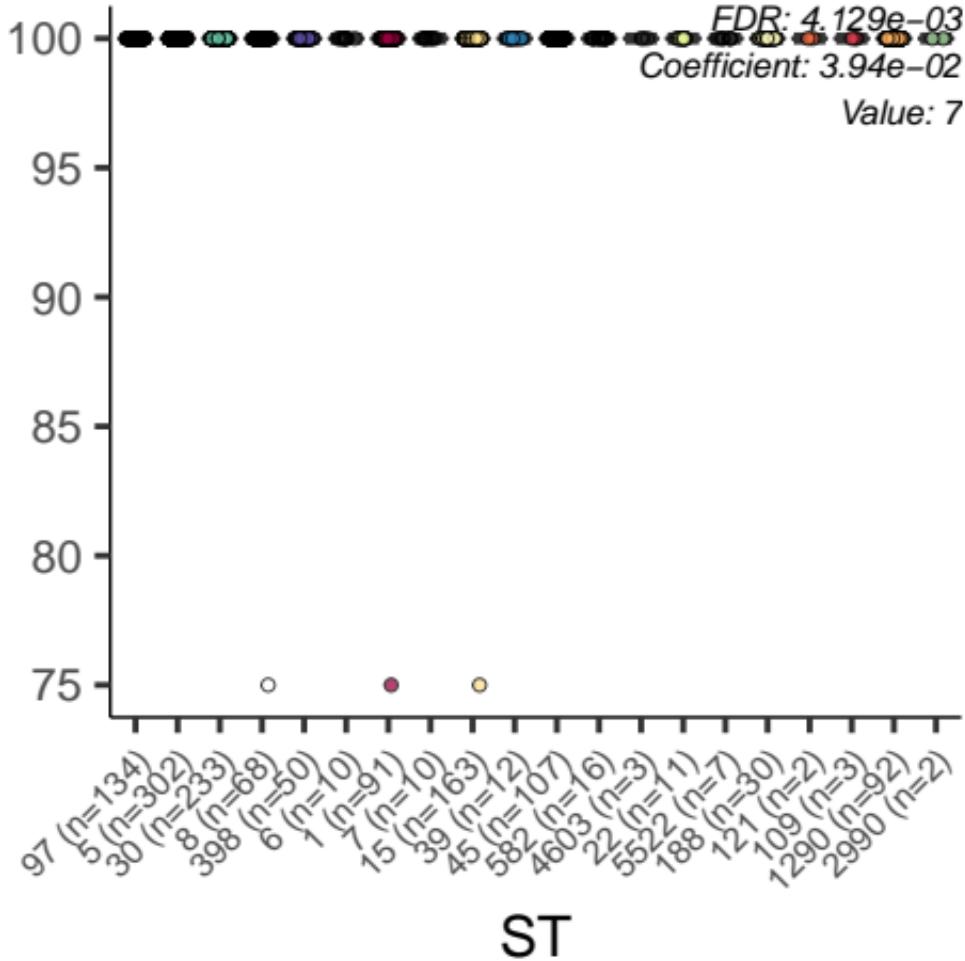
KEGG56

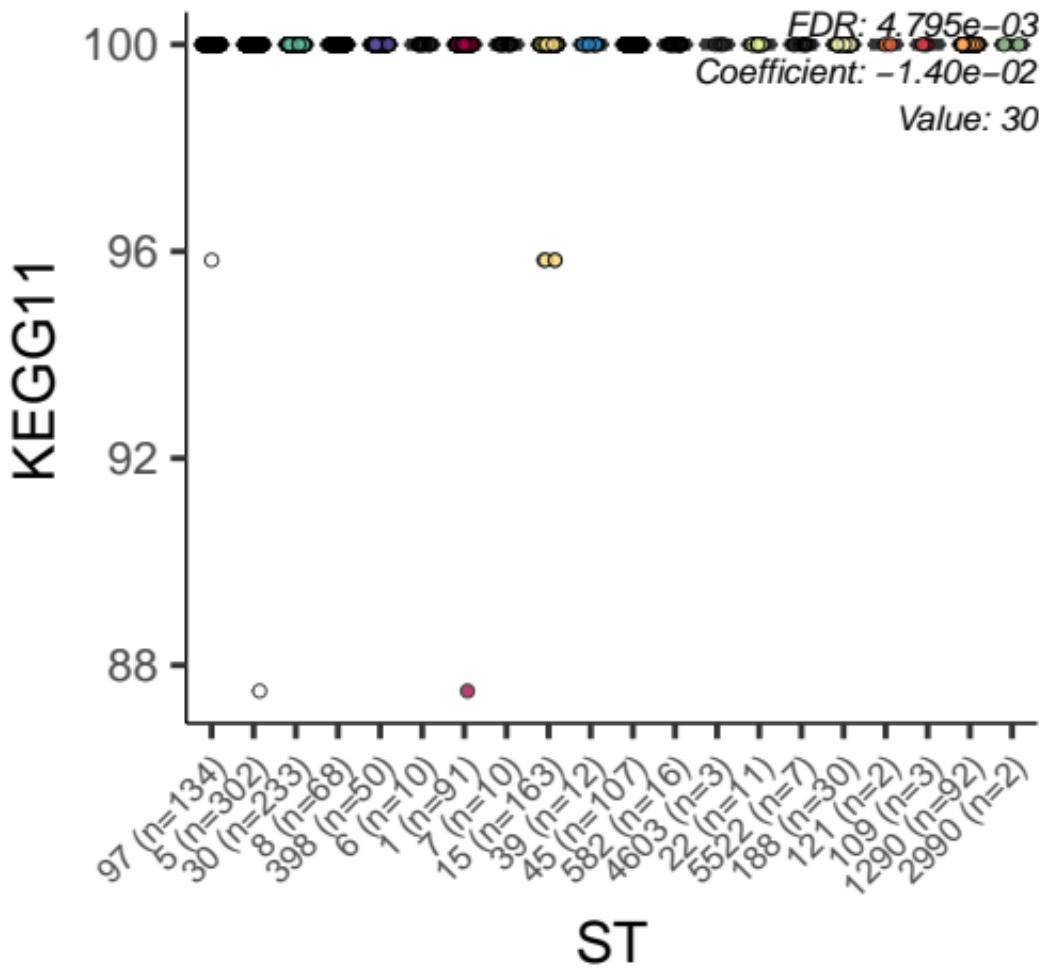


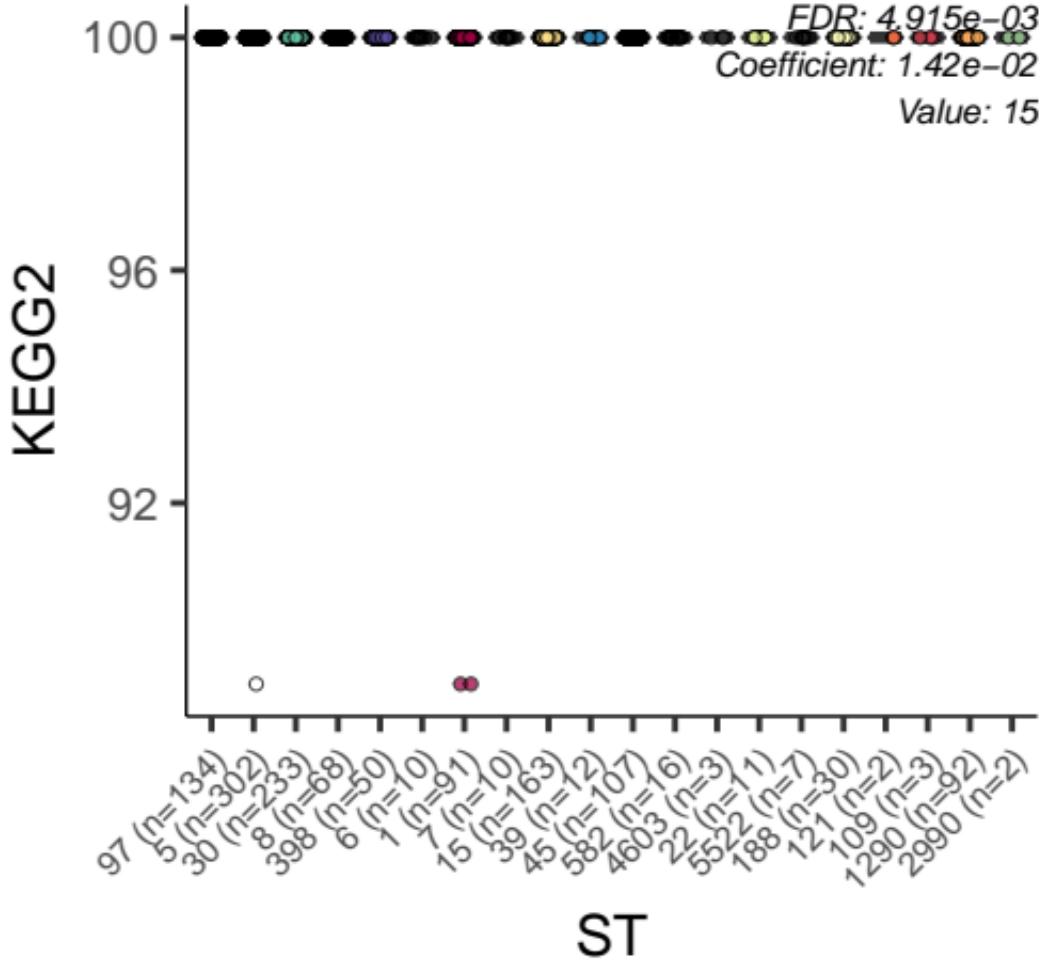




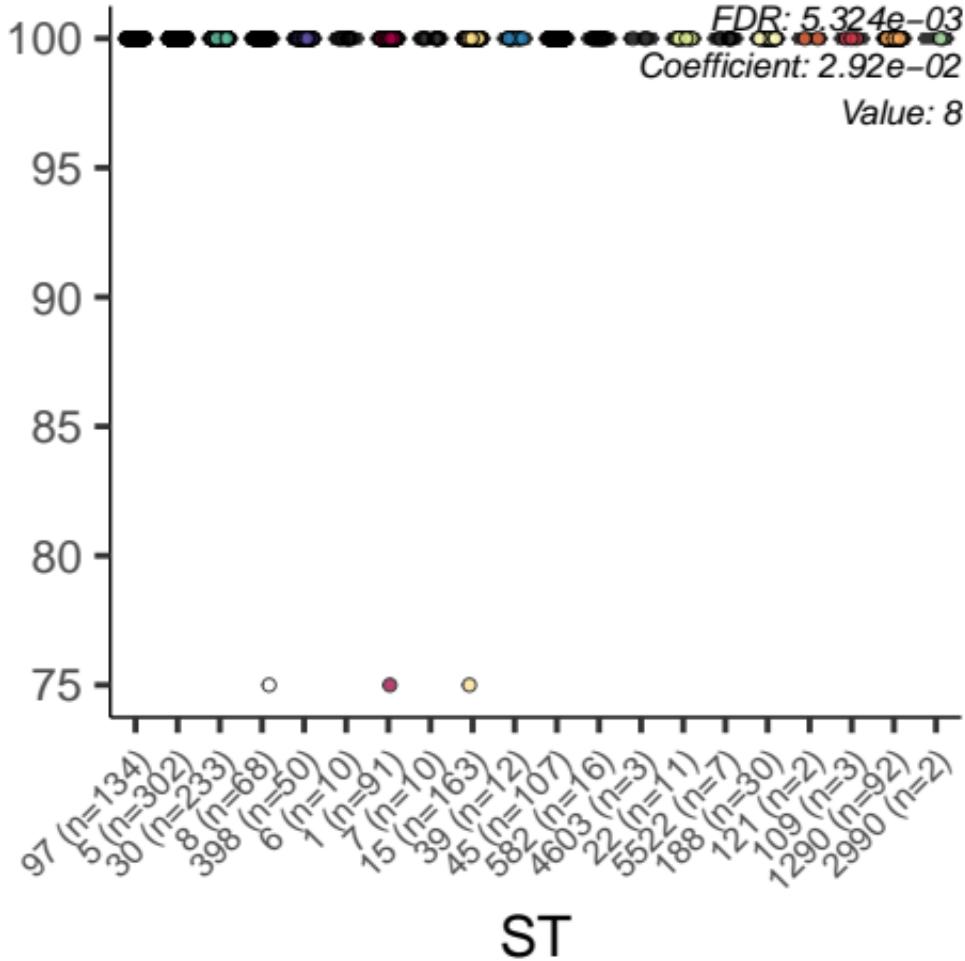
KEGG58





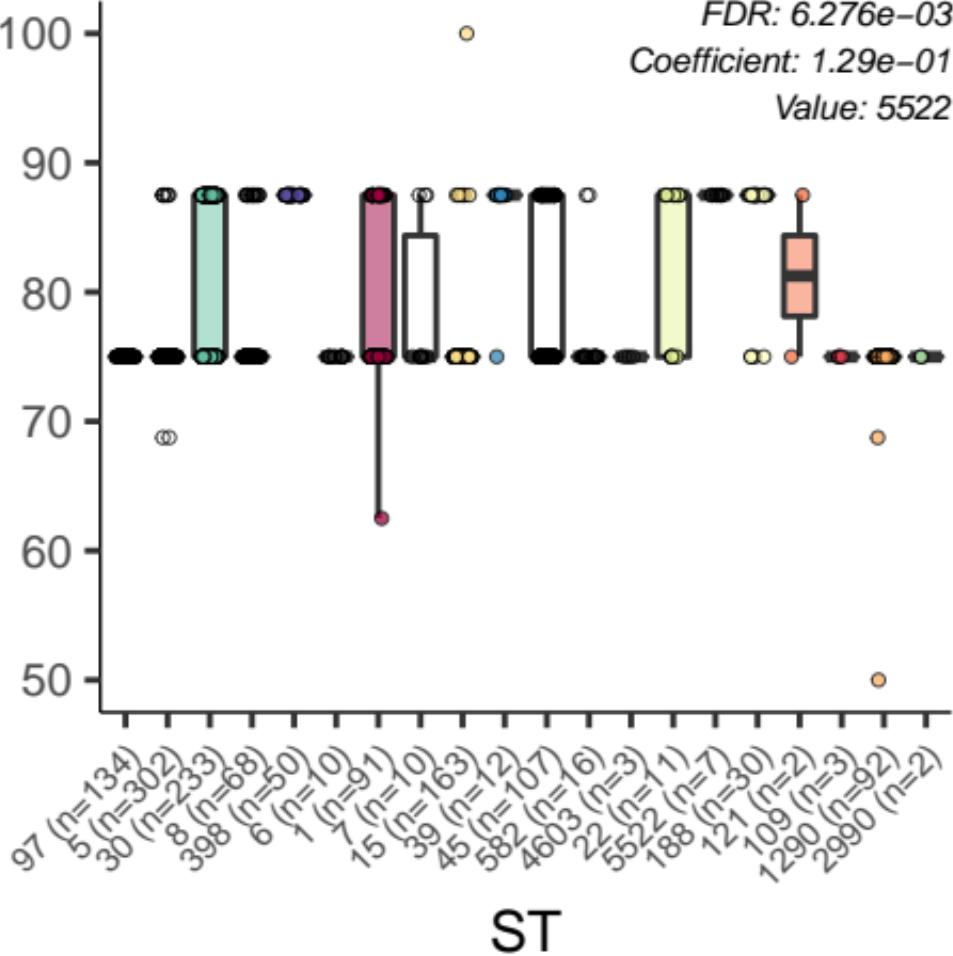


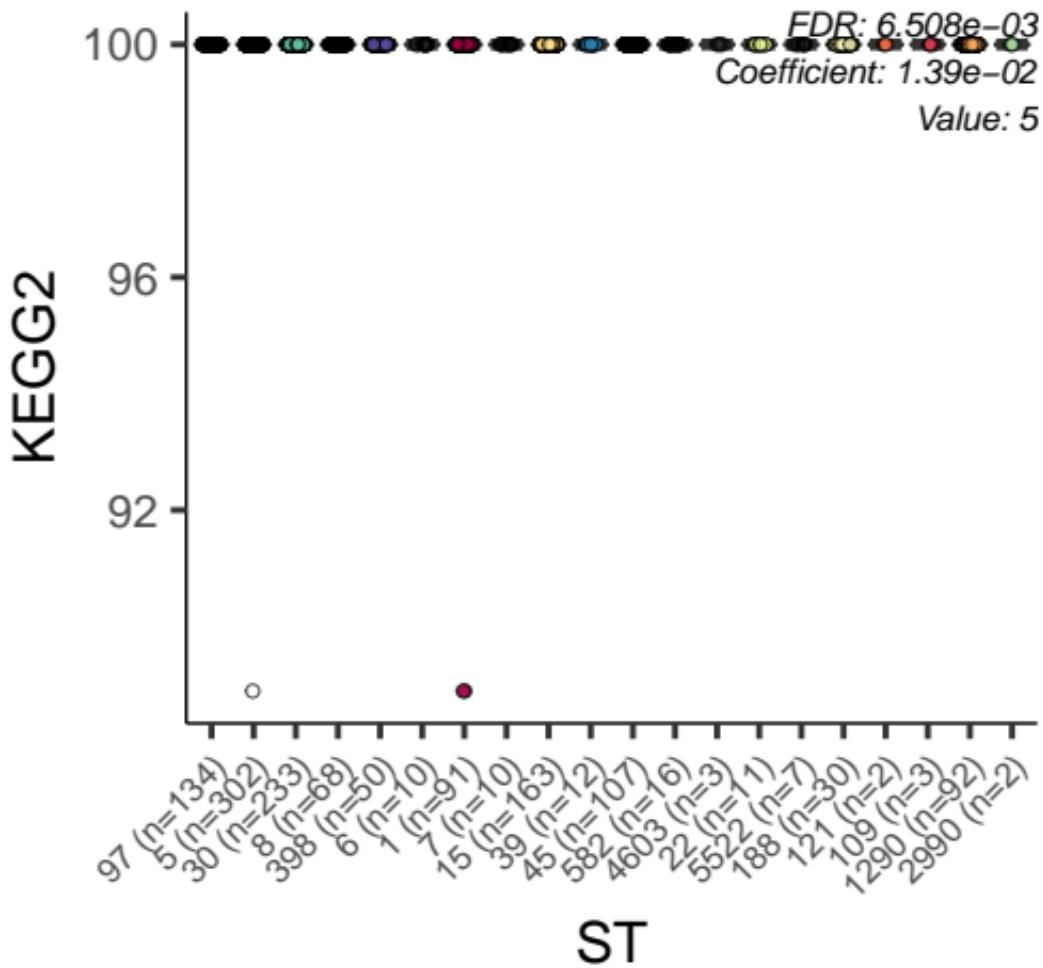
KEGG58

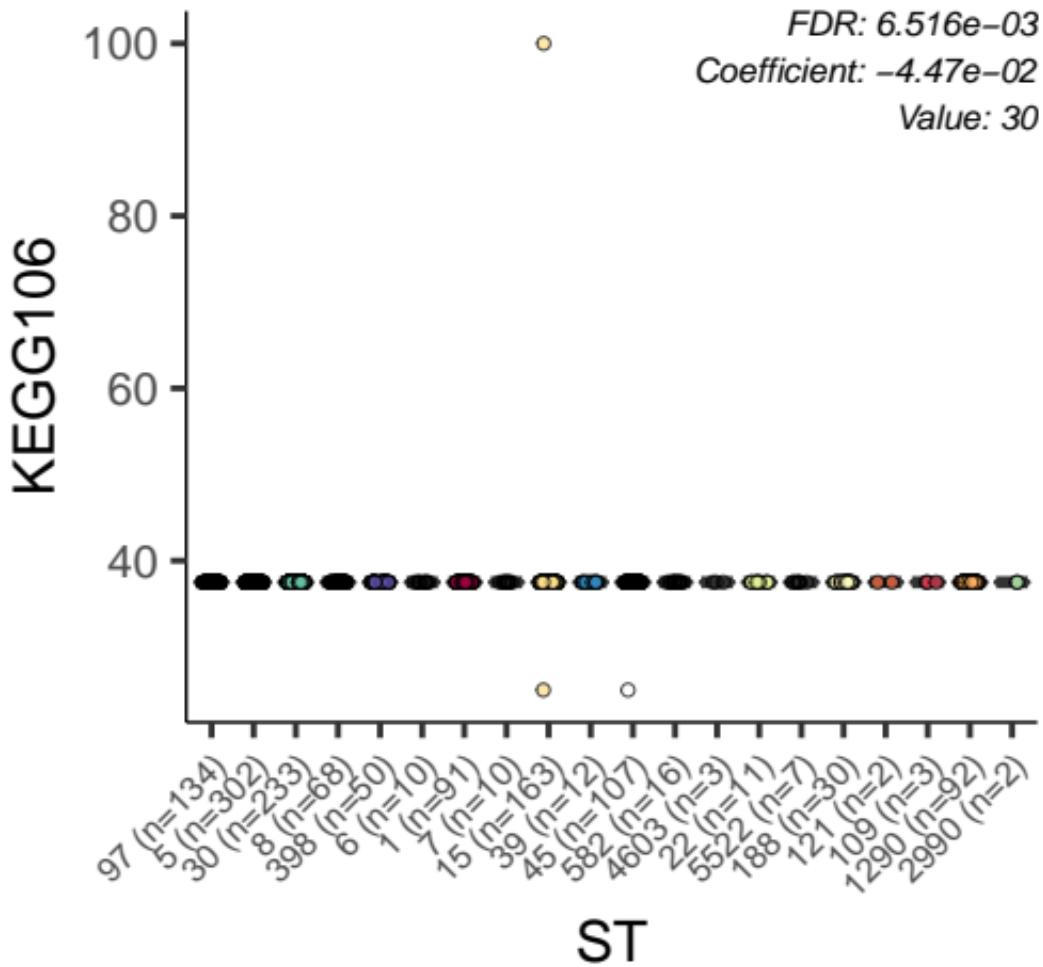


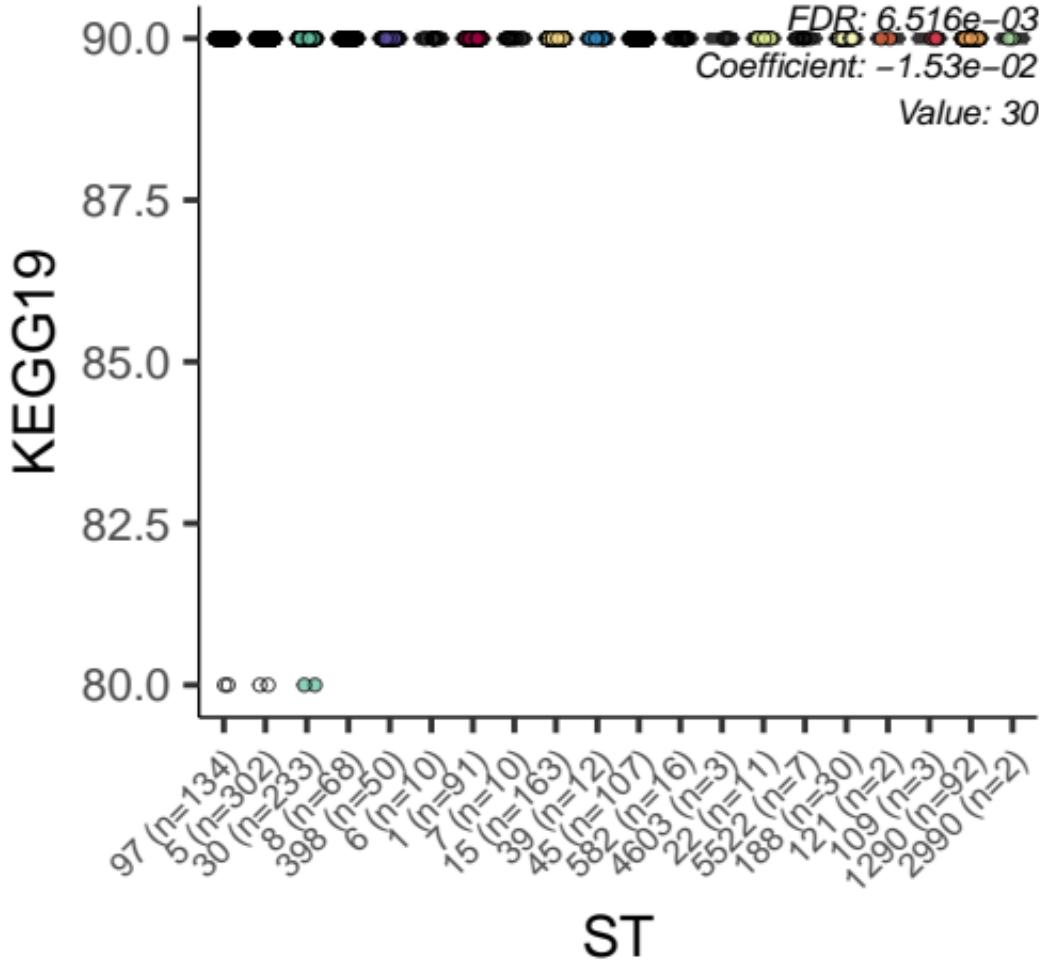
FDR: 6.276e-03
Coefficient: 1.29e-01
Value: 5522

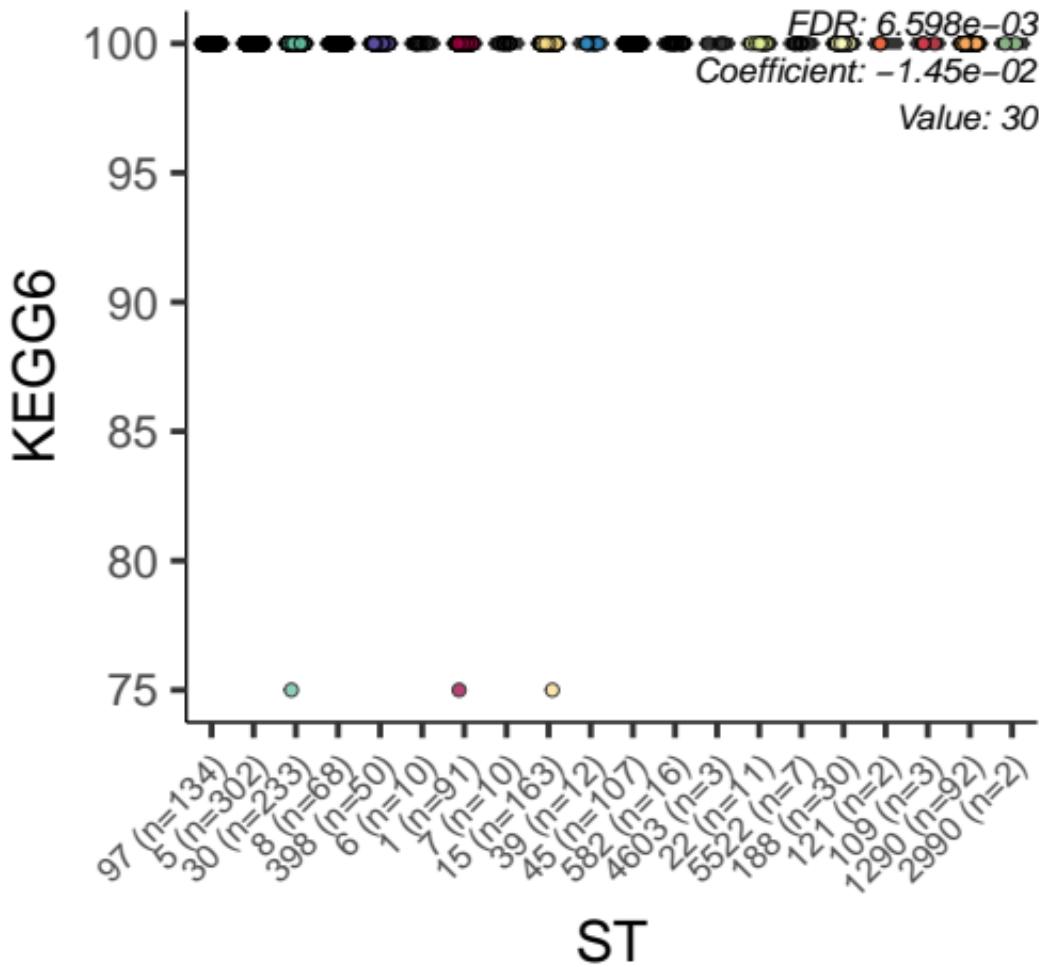
KEGG56

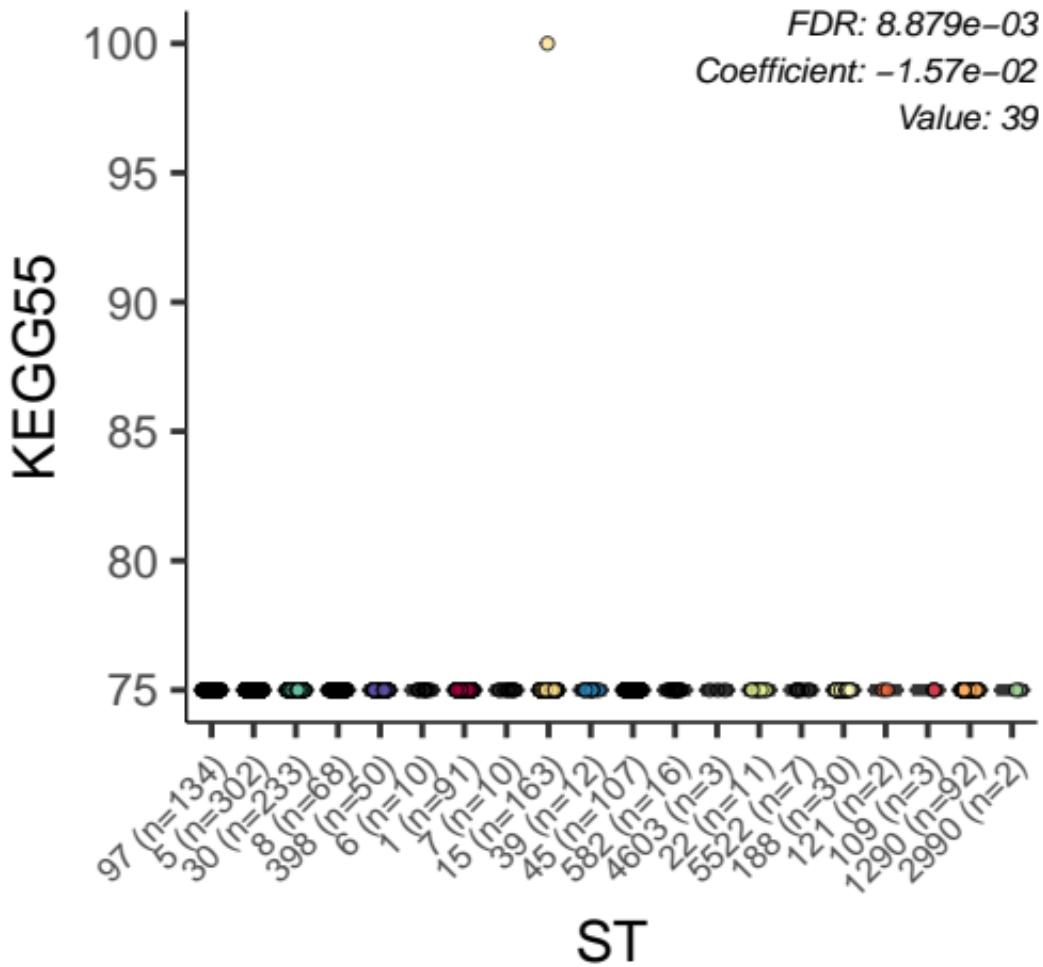


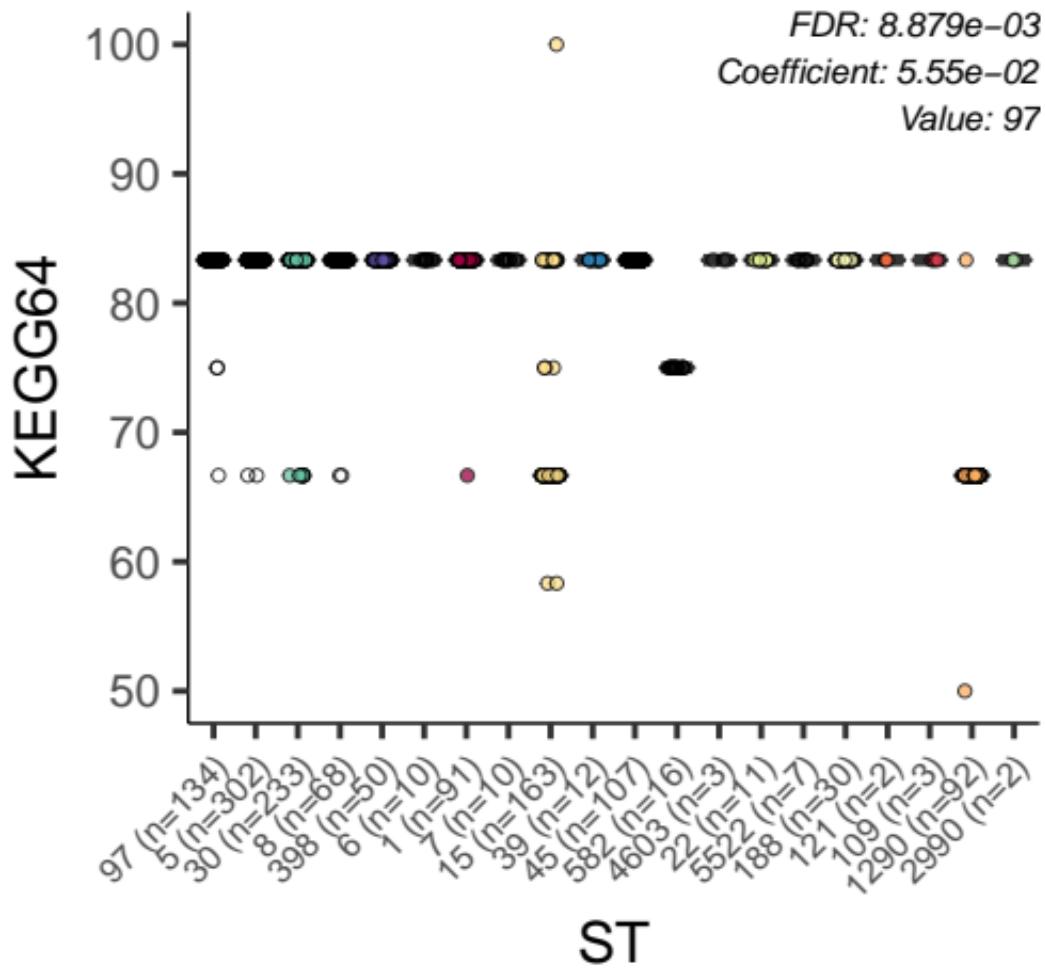


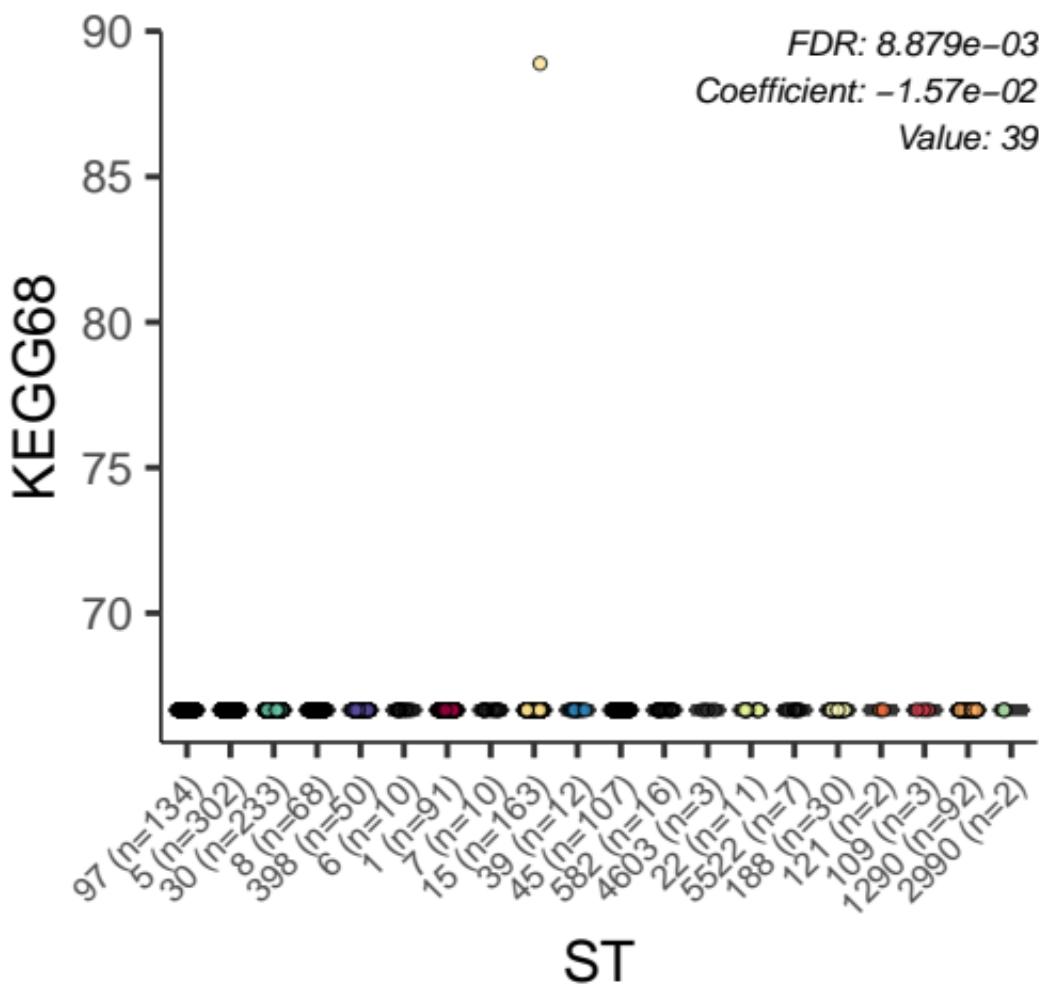


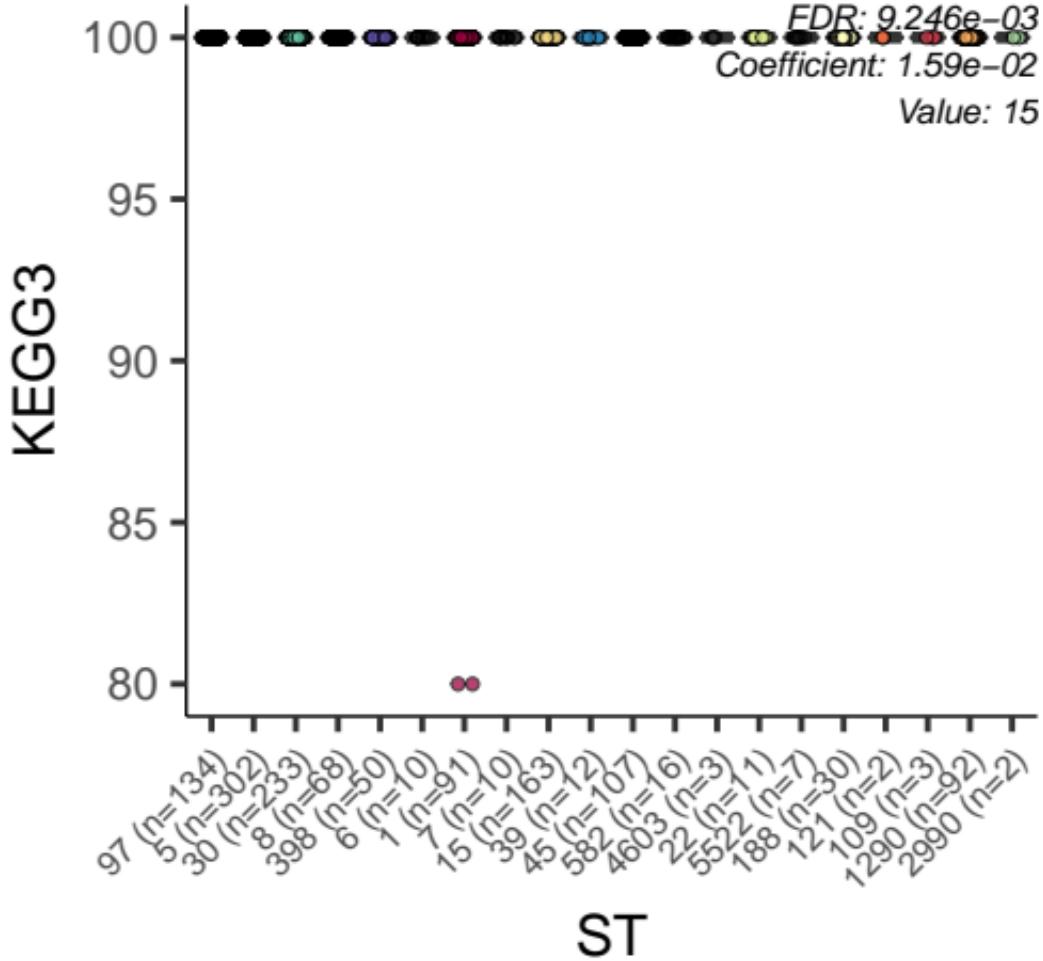


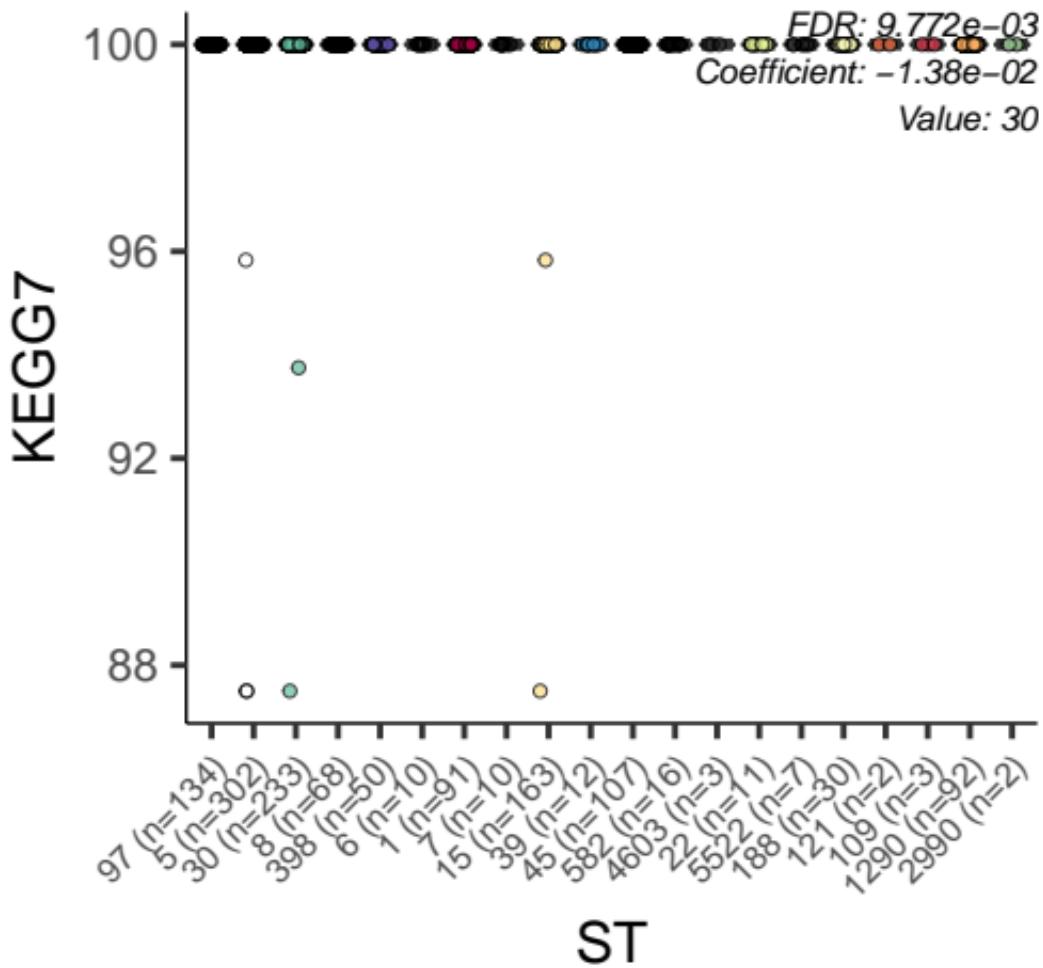


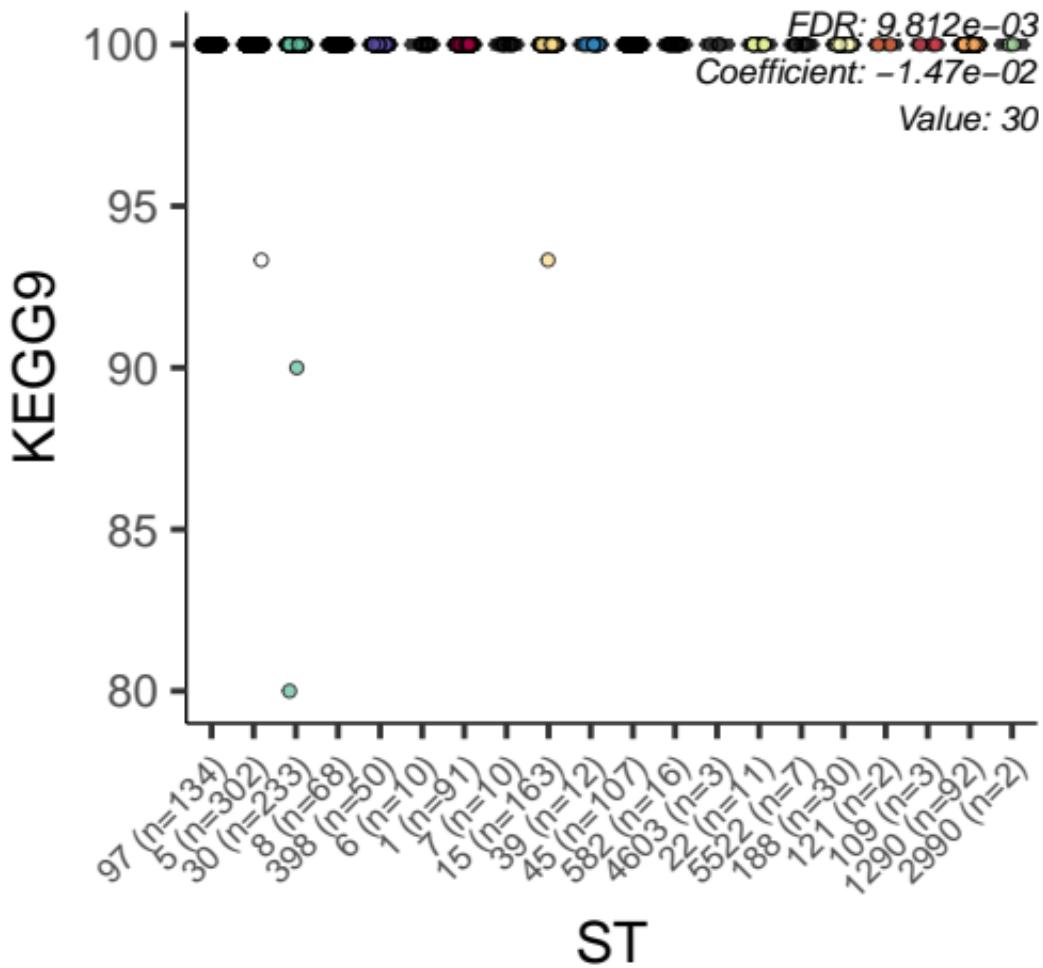


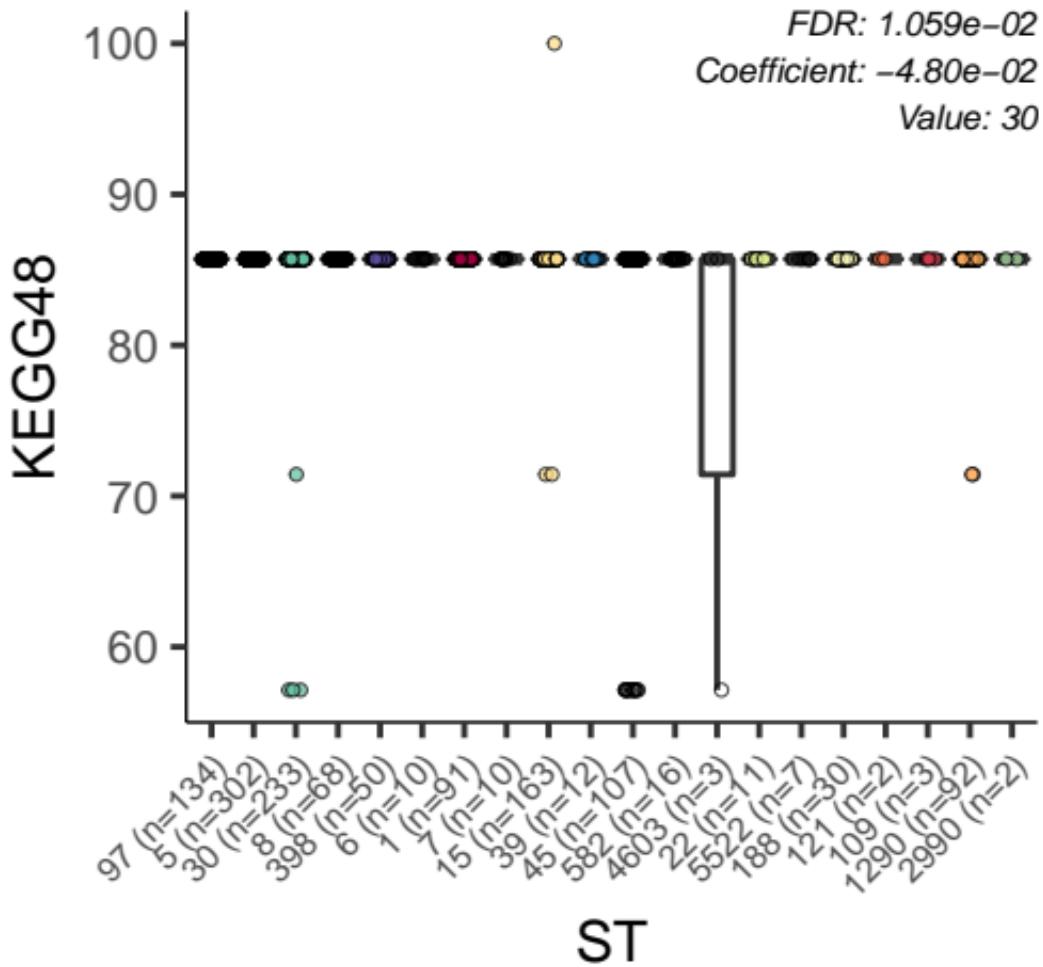




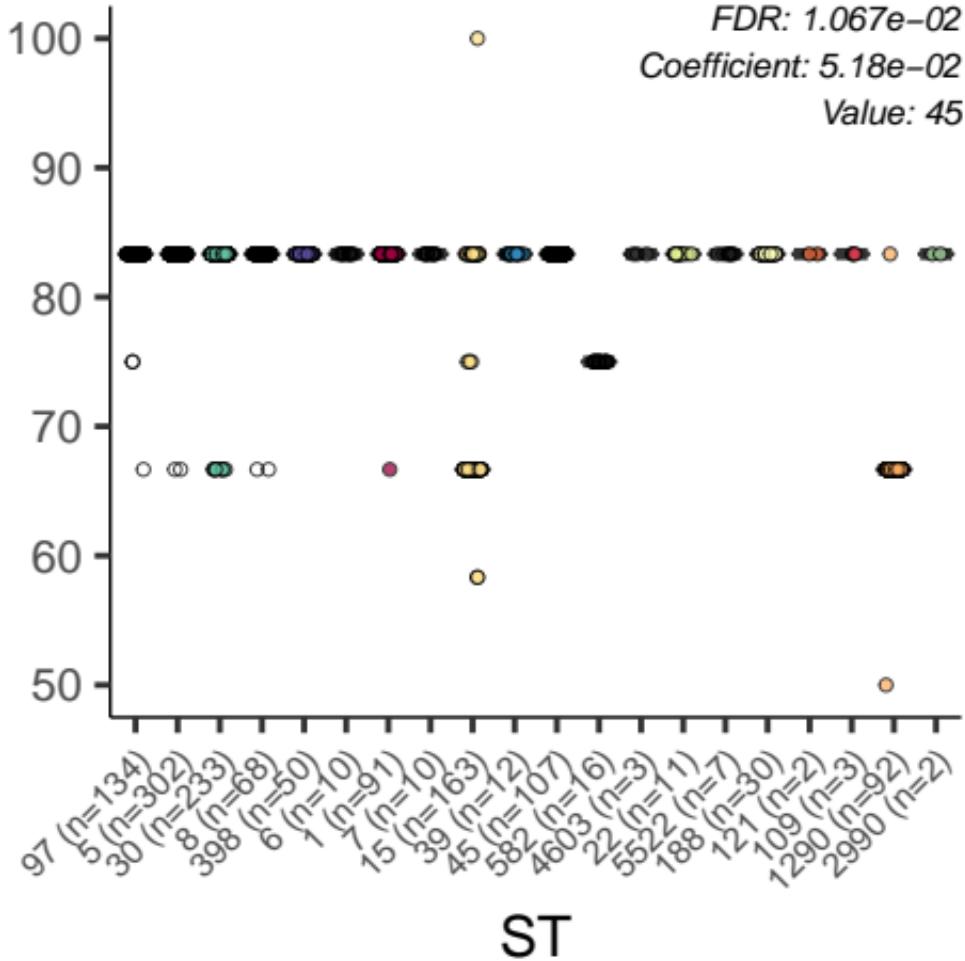


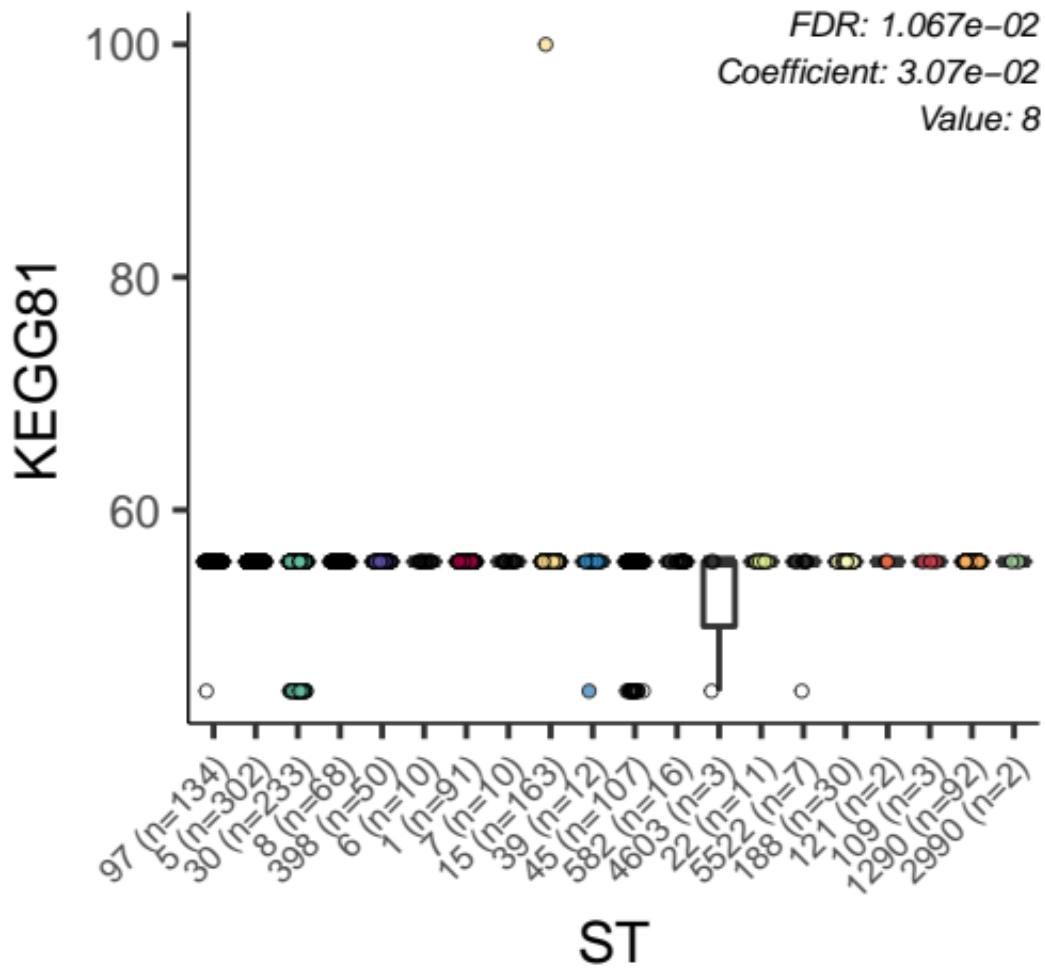




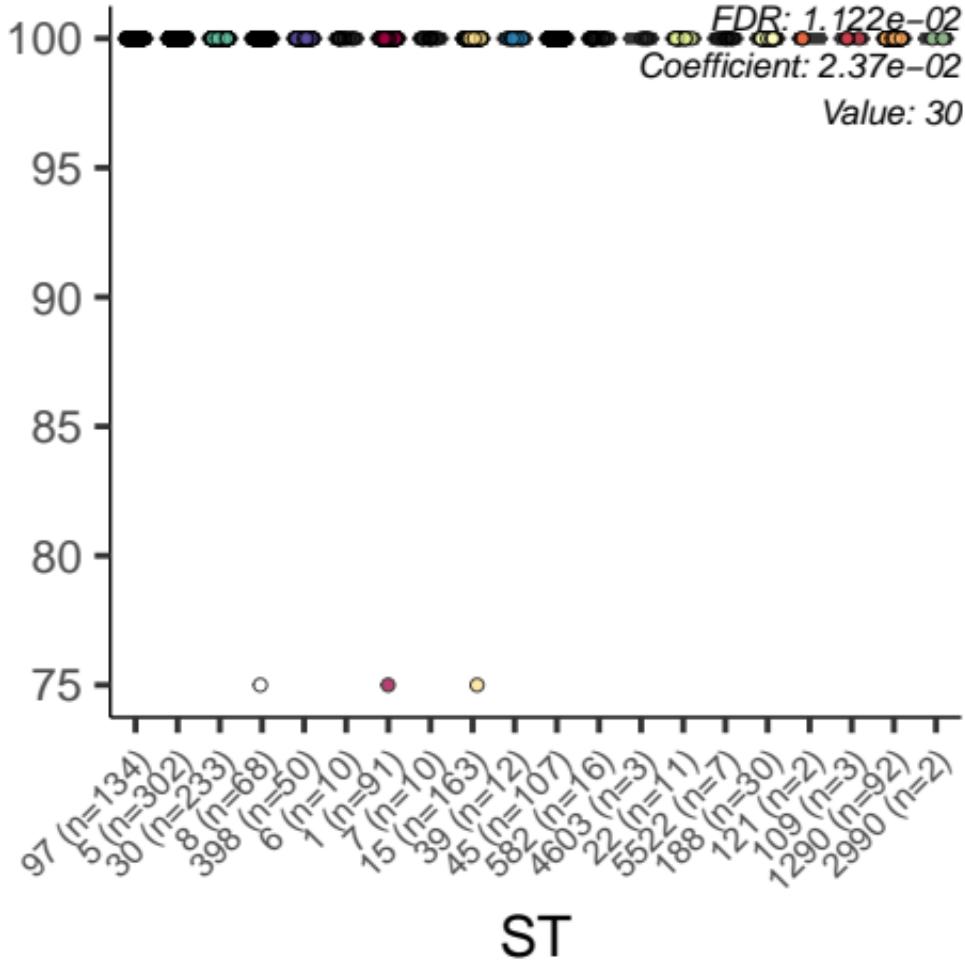


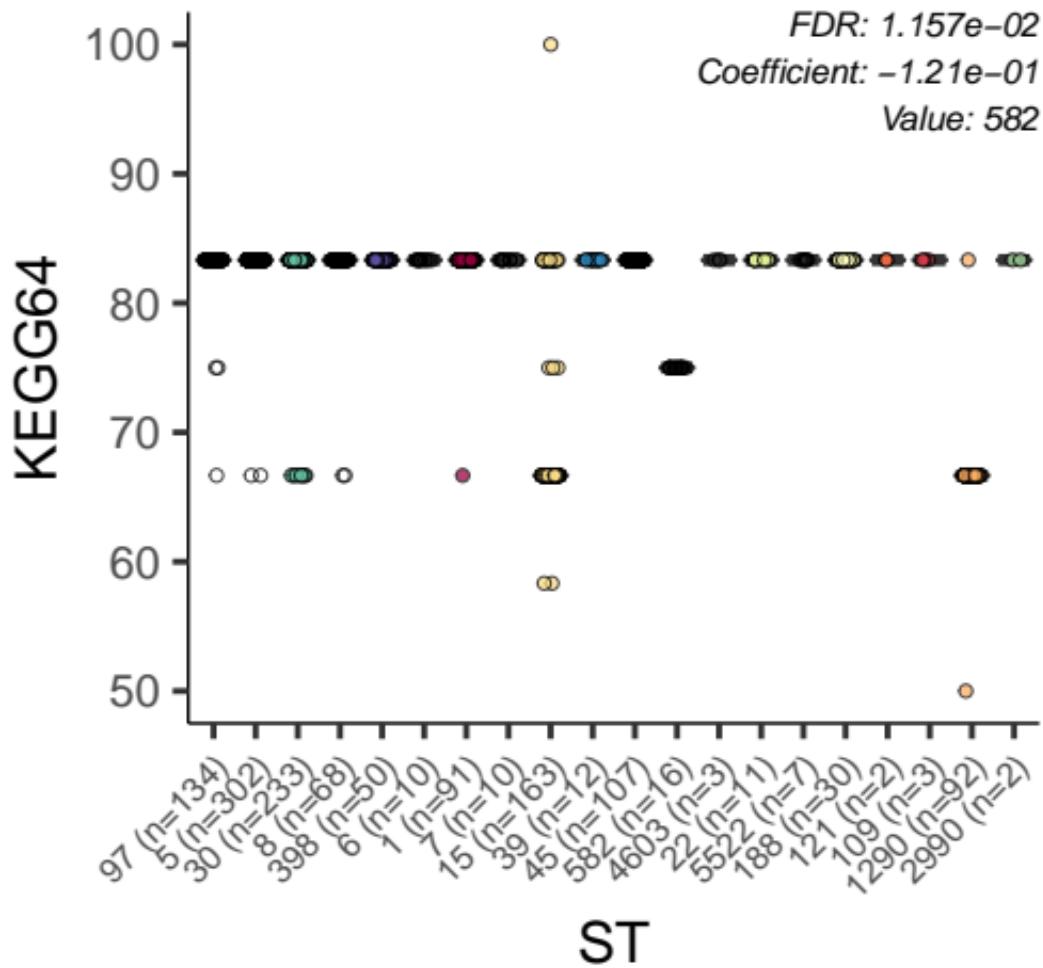
KEGG64

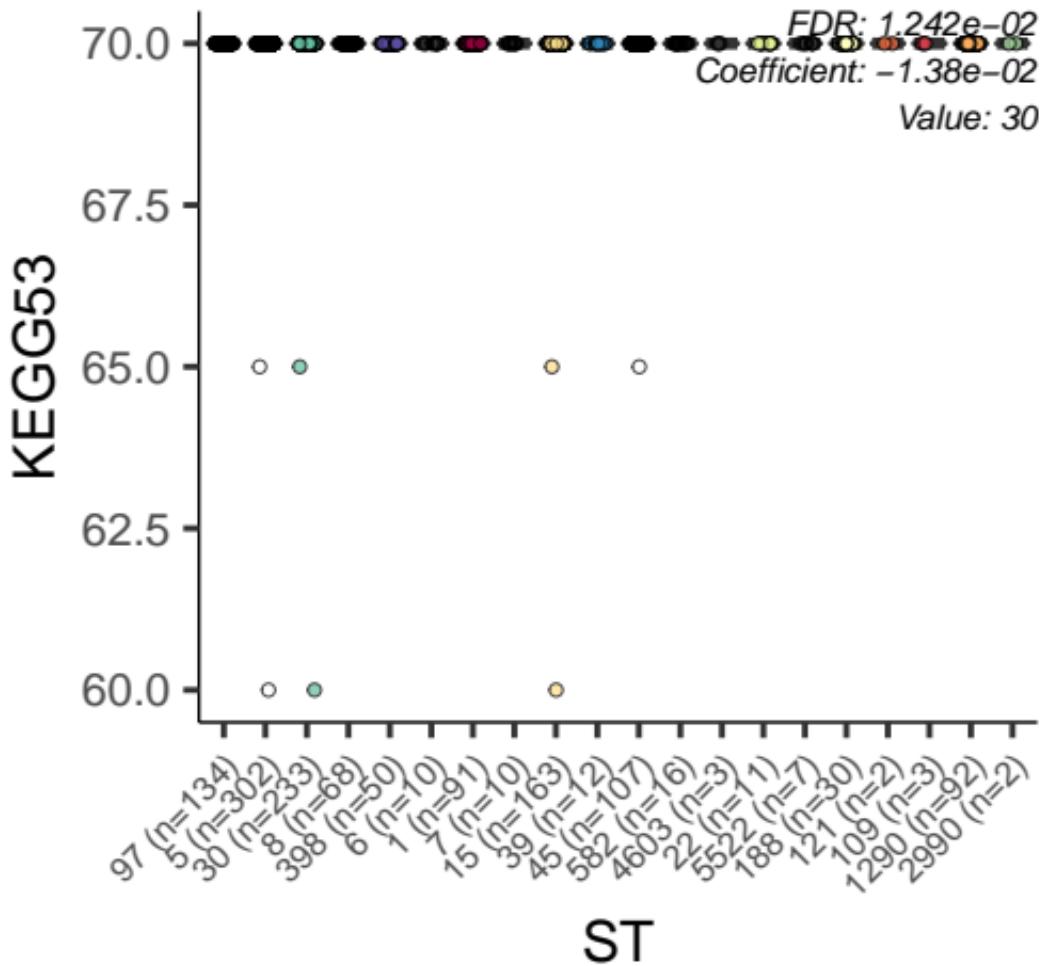


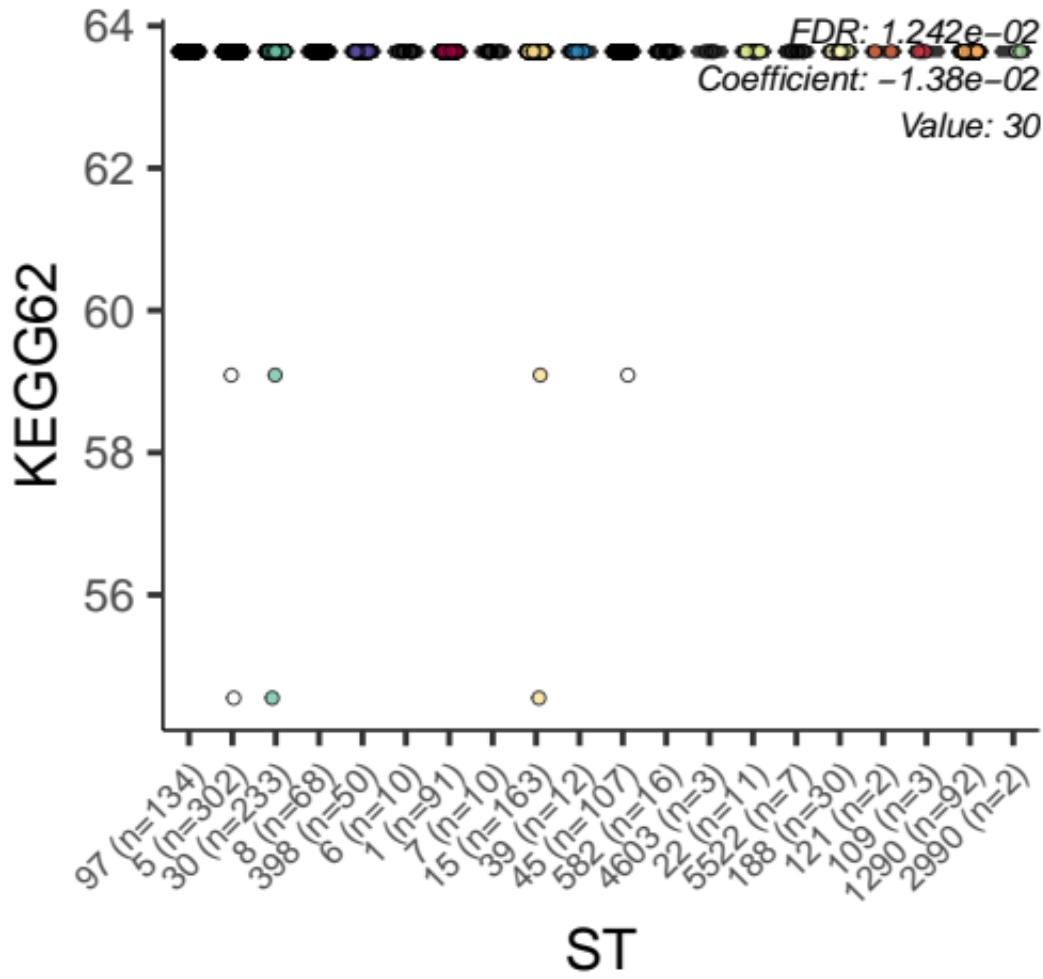


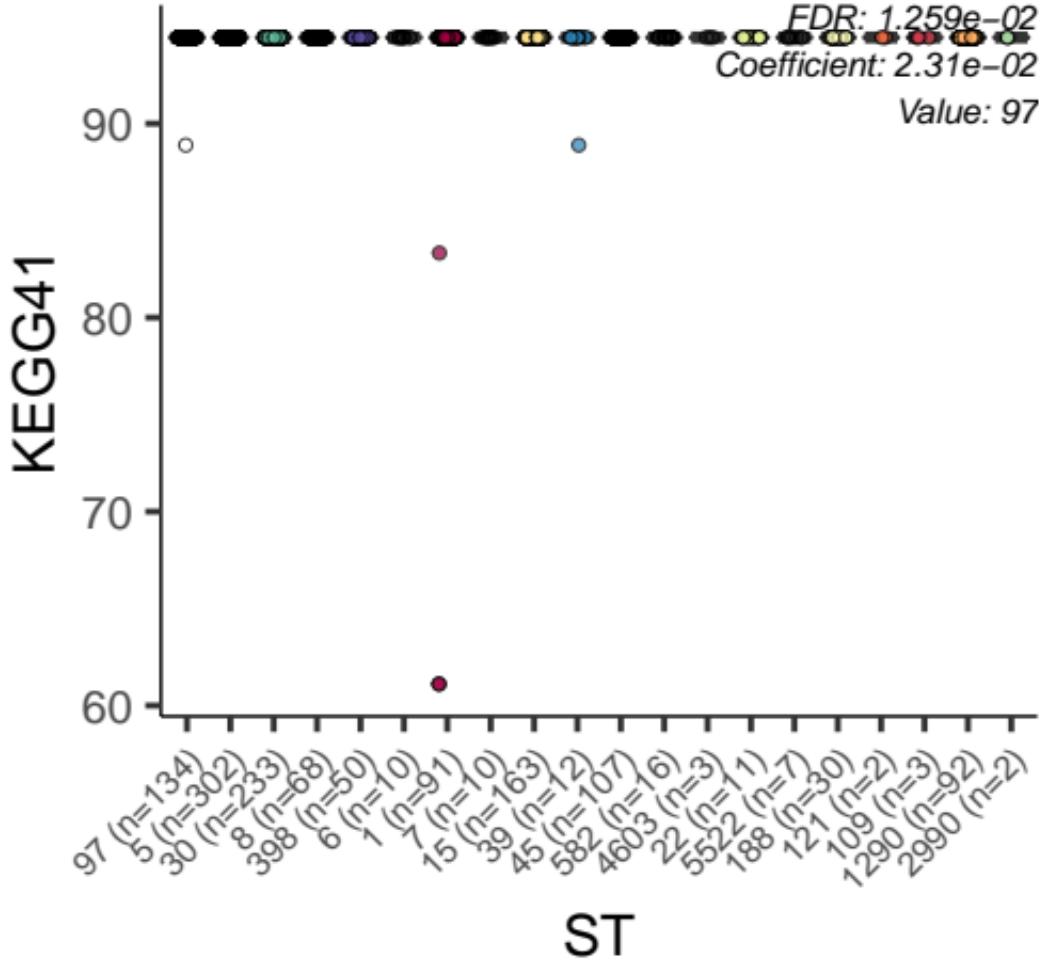
KEGG58

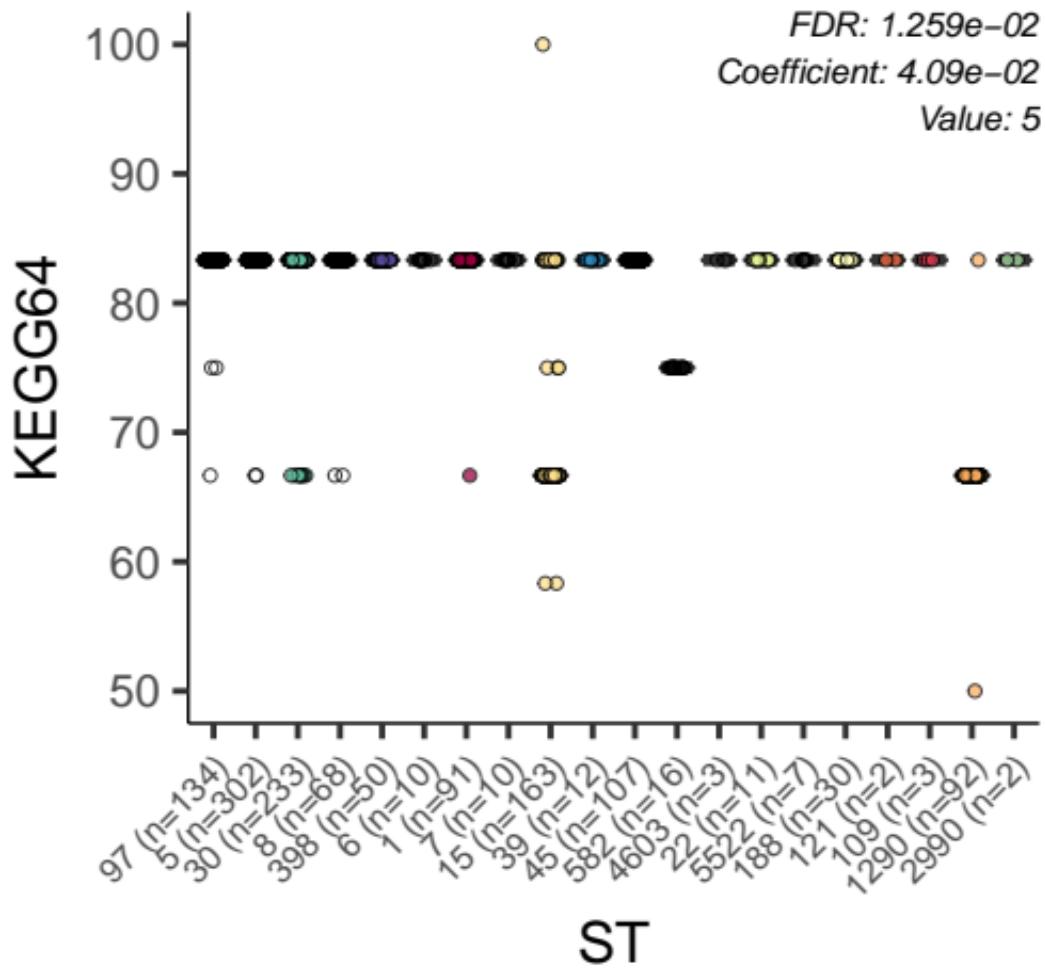


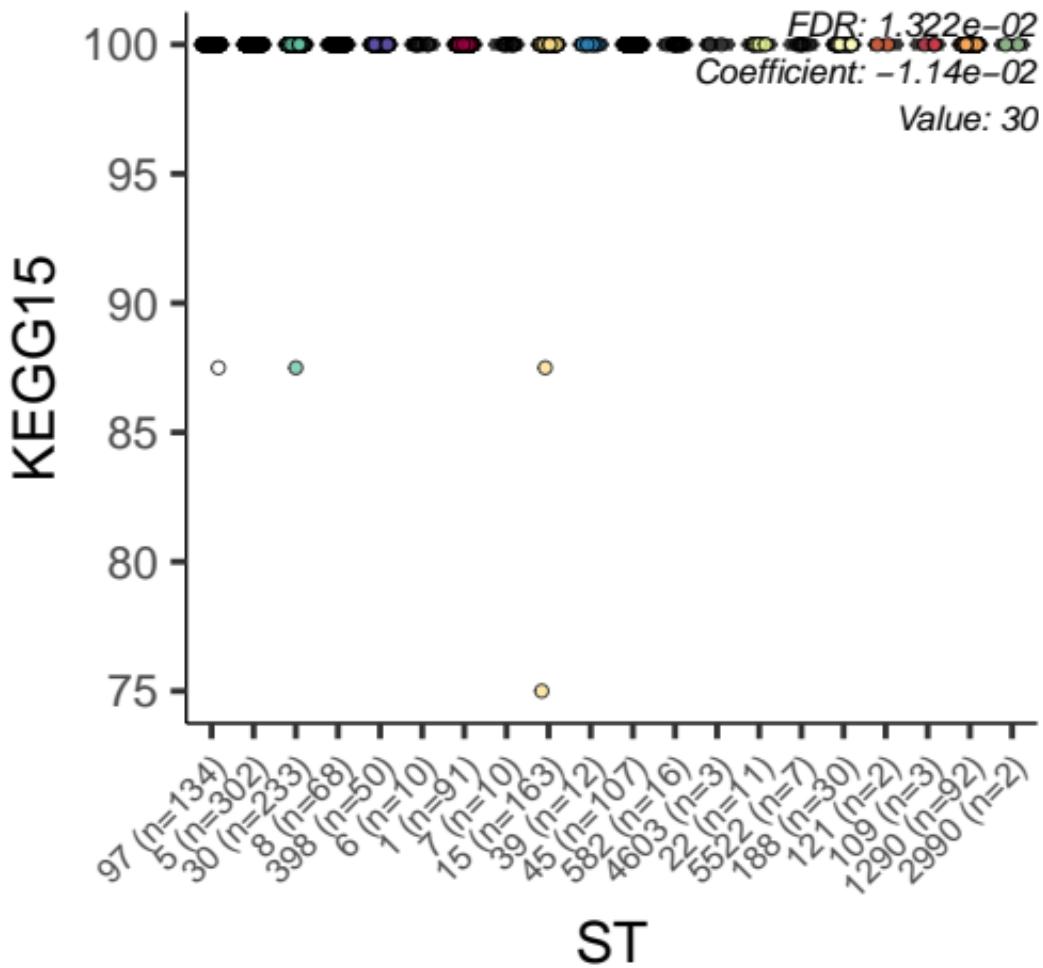


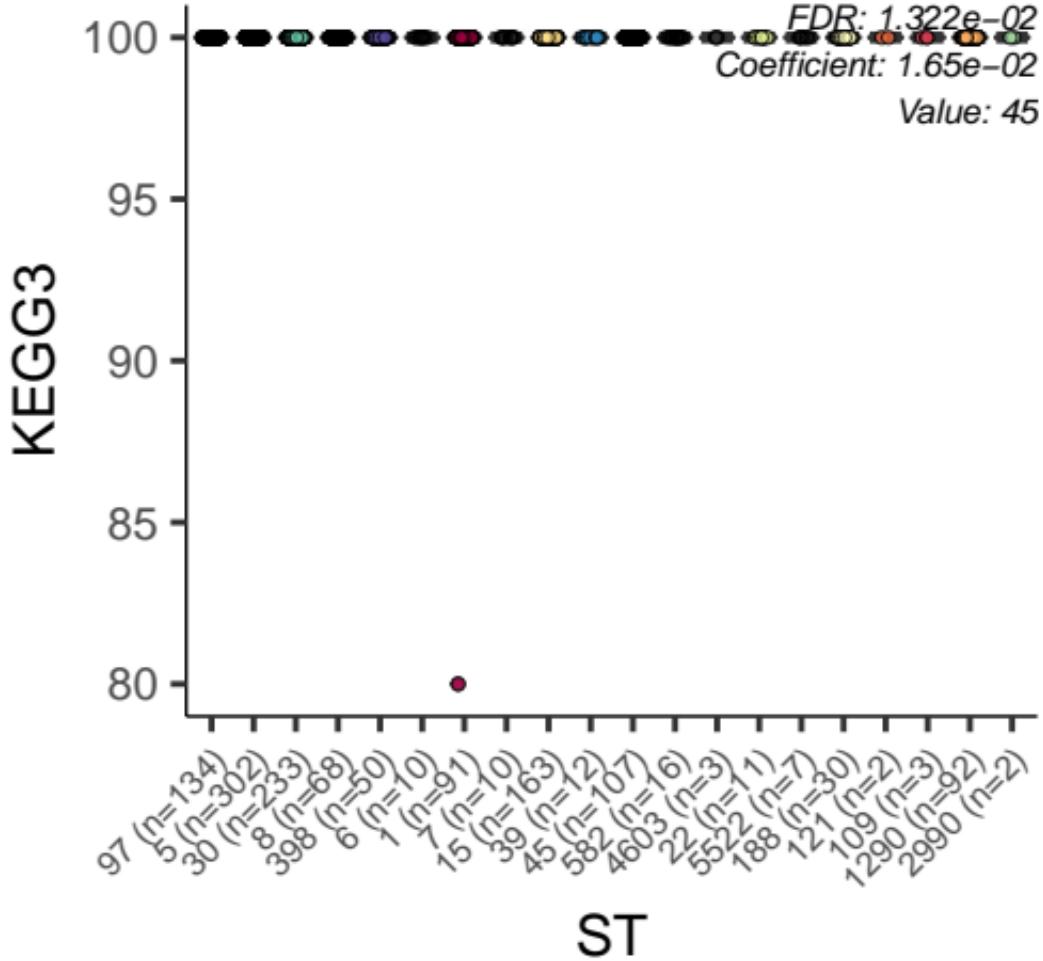


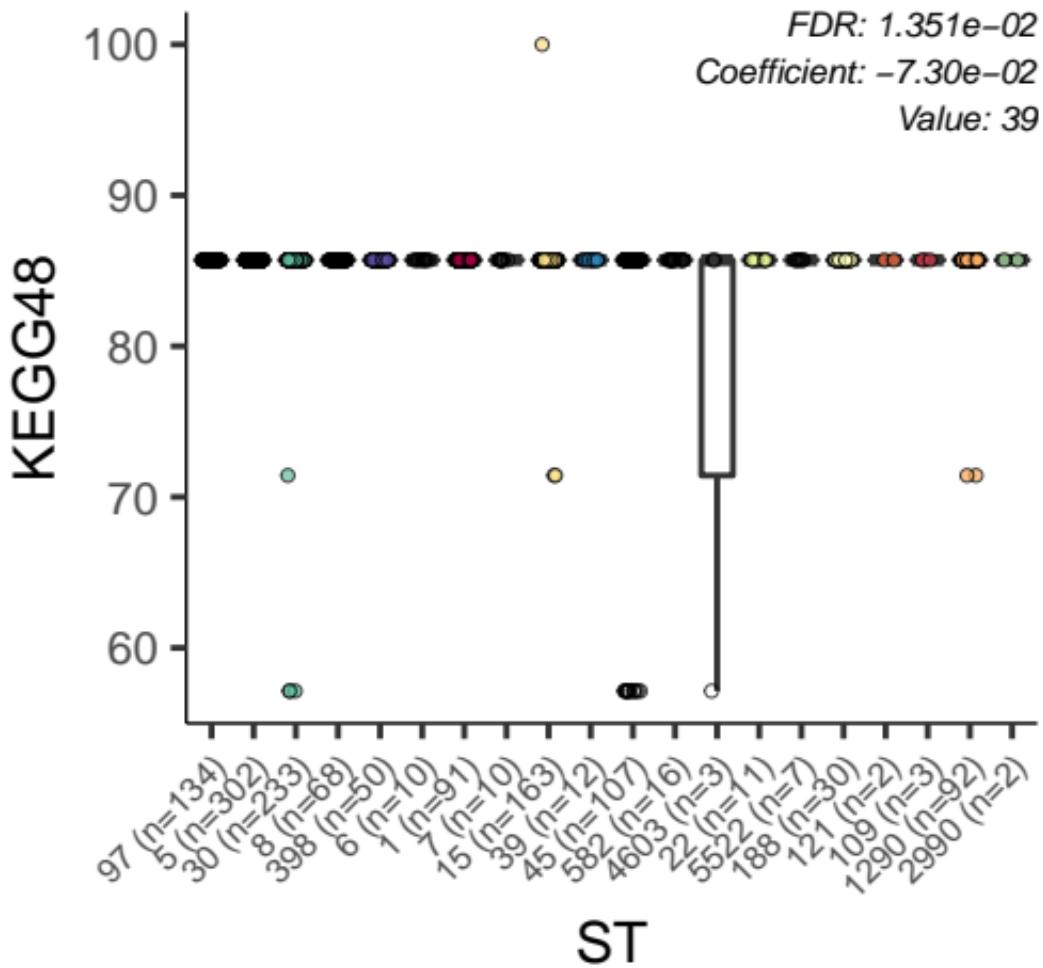


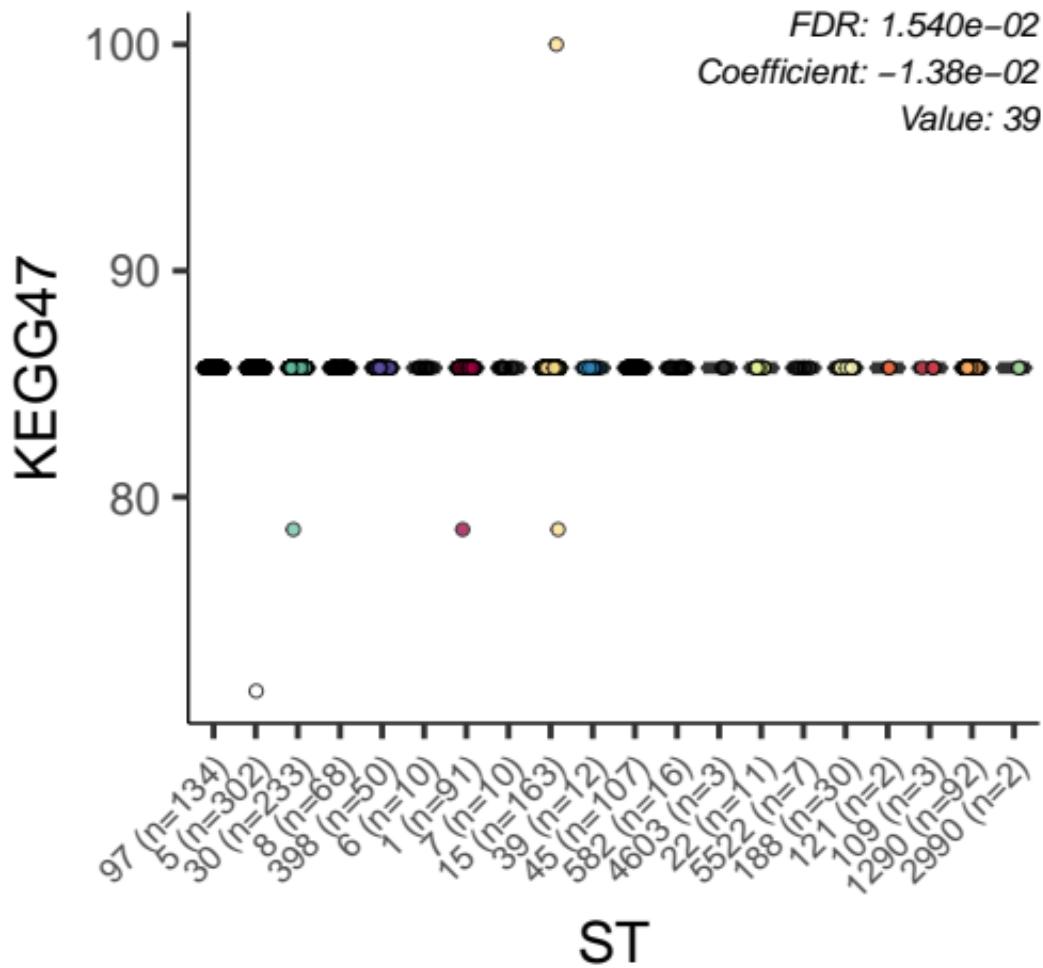


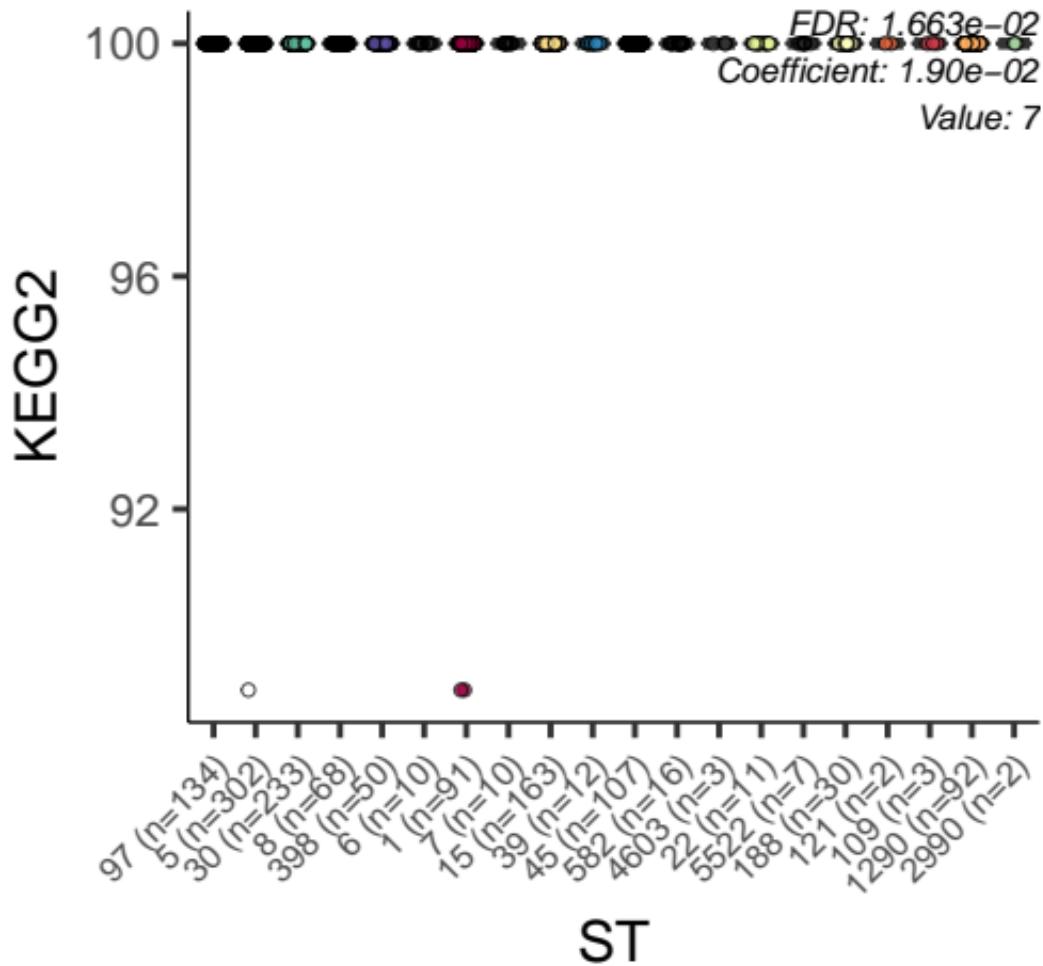


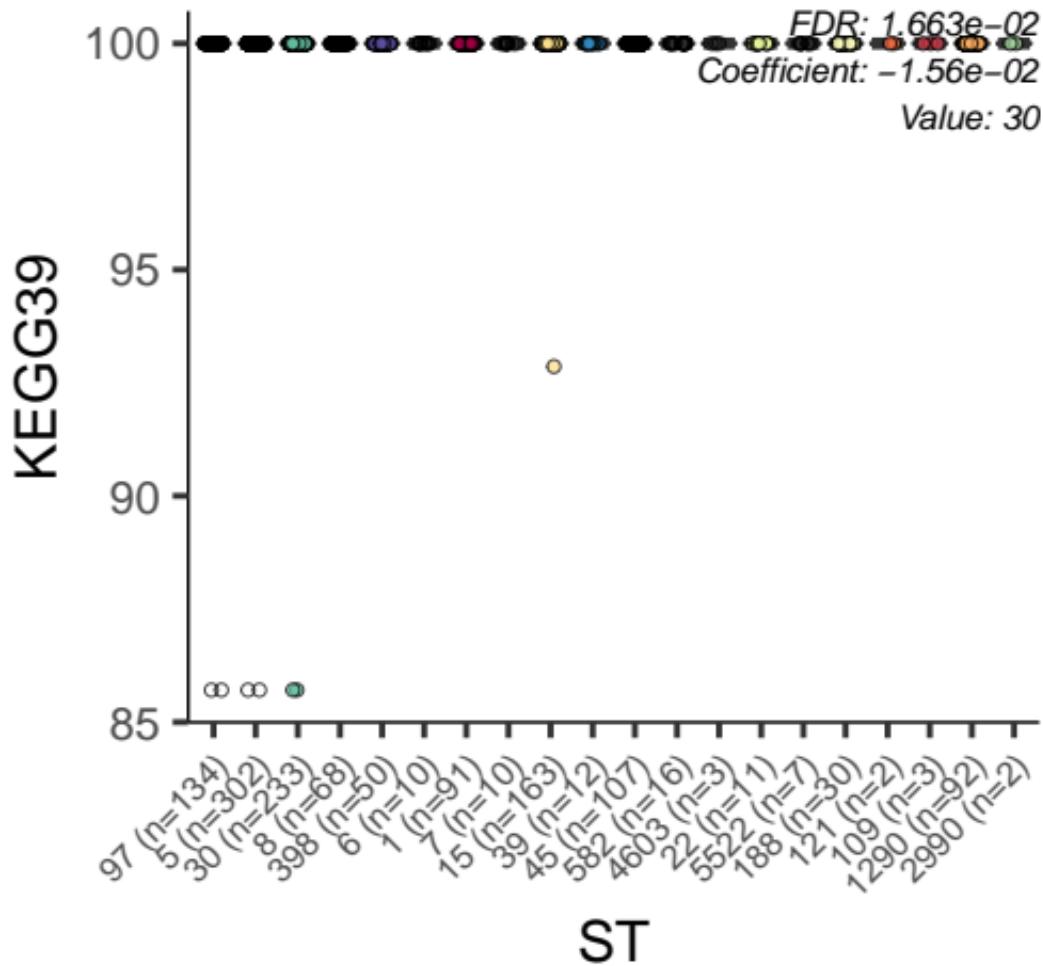


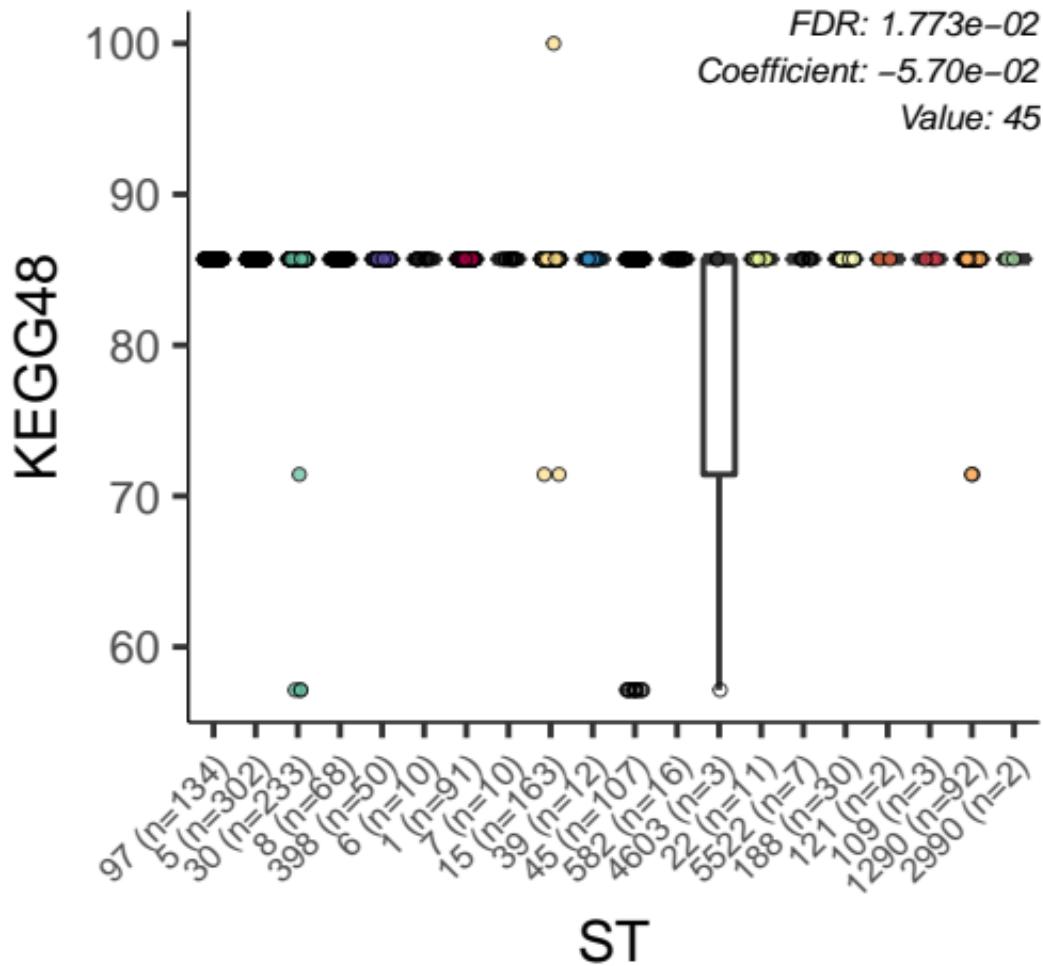




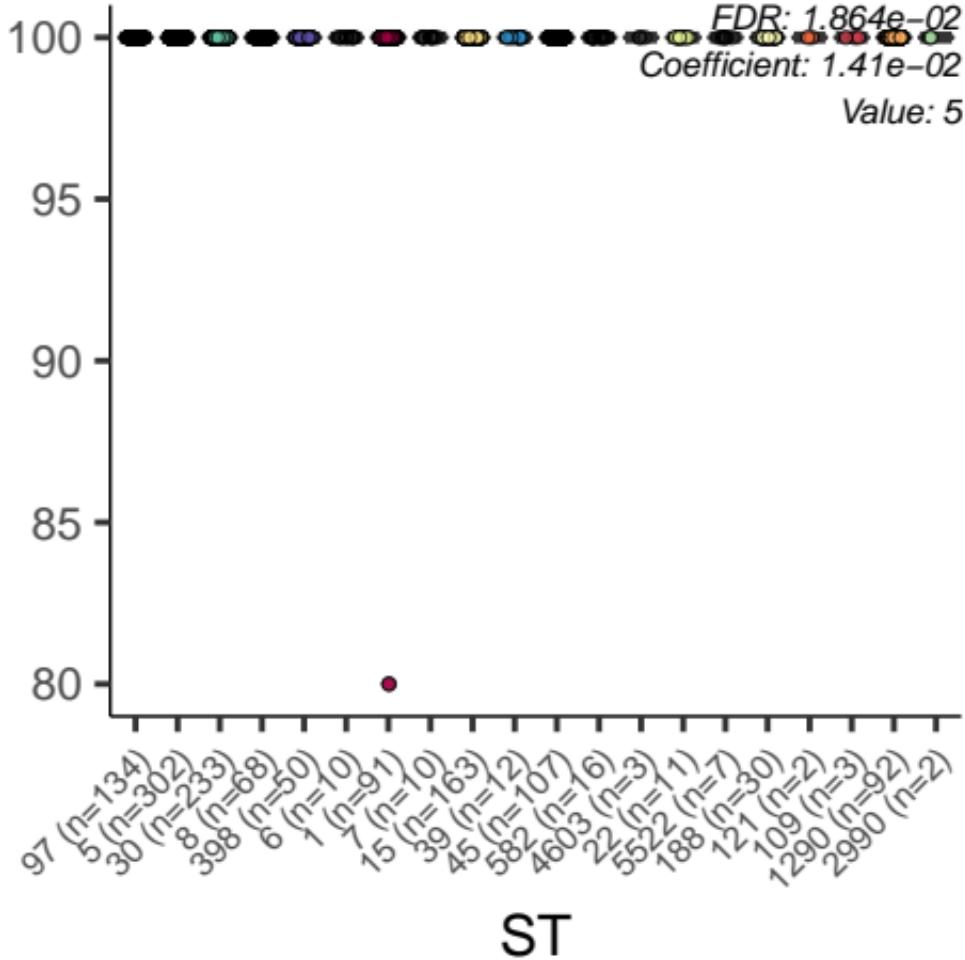




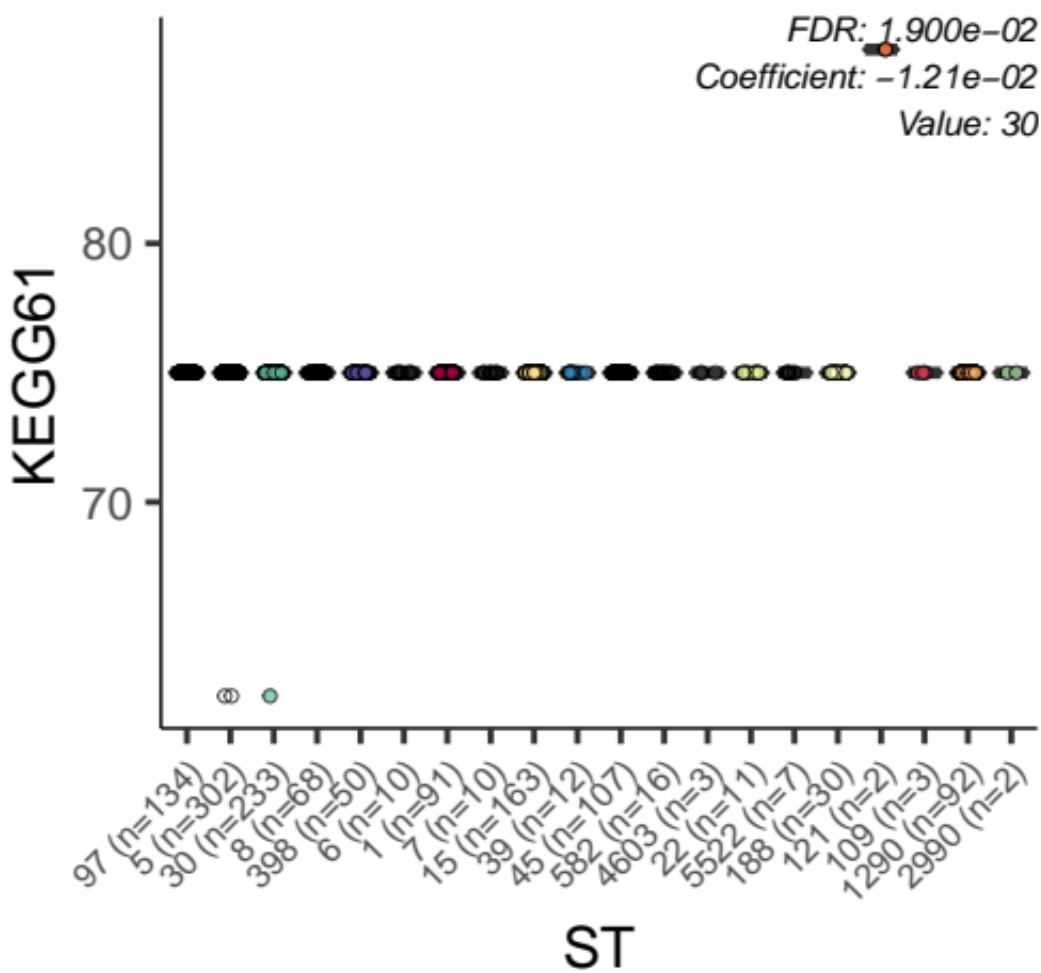




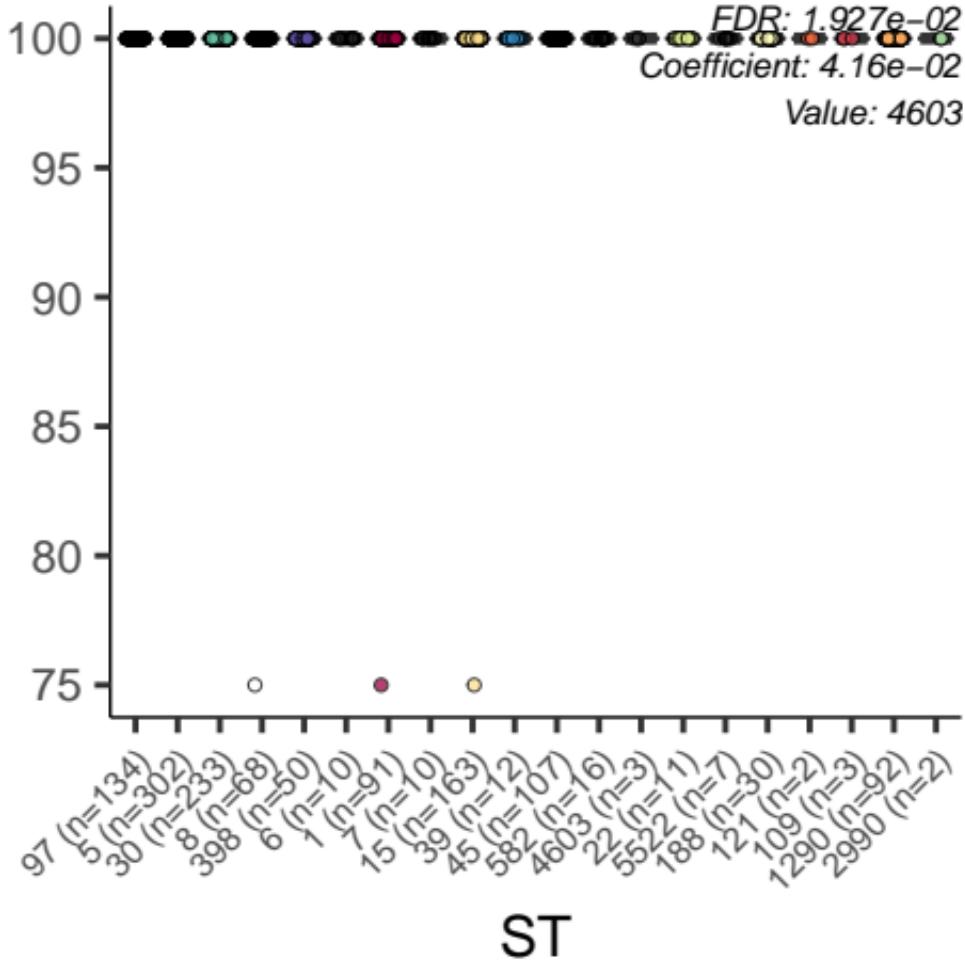
KEGG3

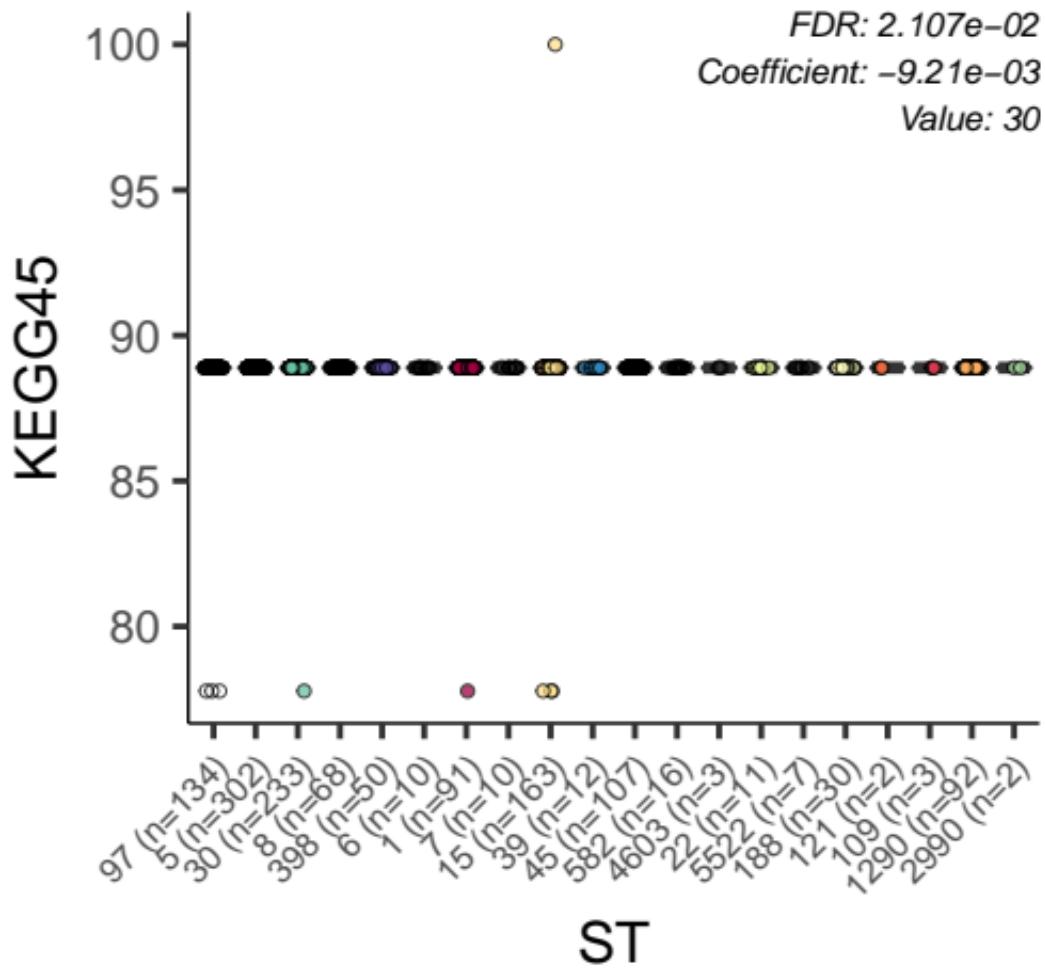


FDR: 1.900e-02
Coefficient: -1.21e-02
Value: 30

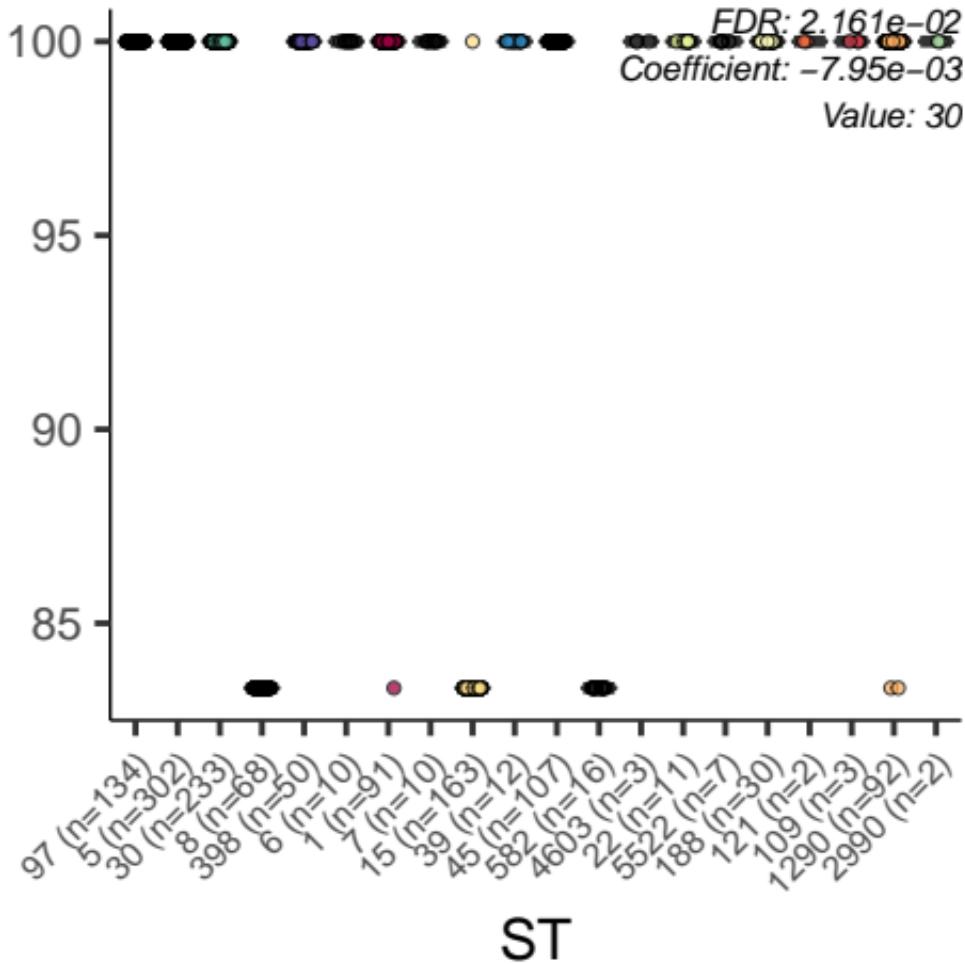


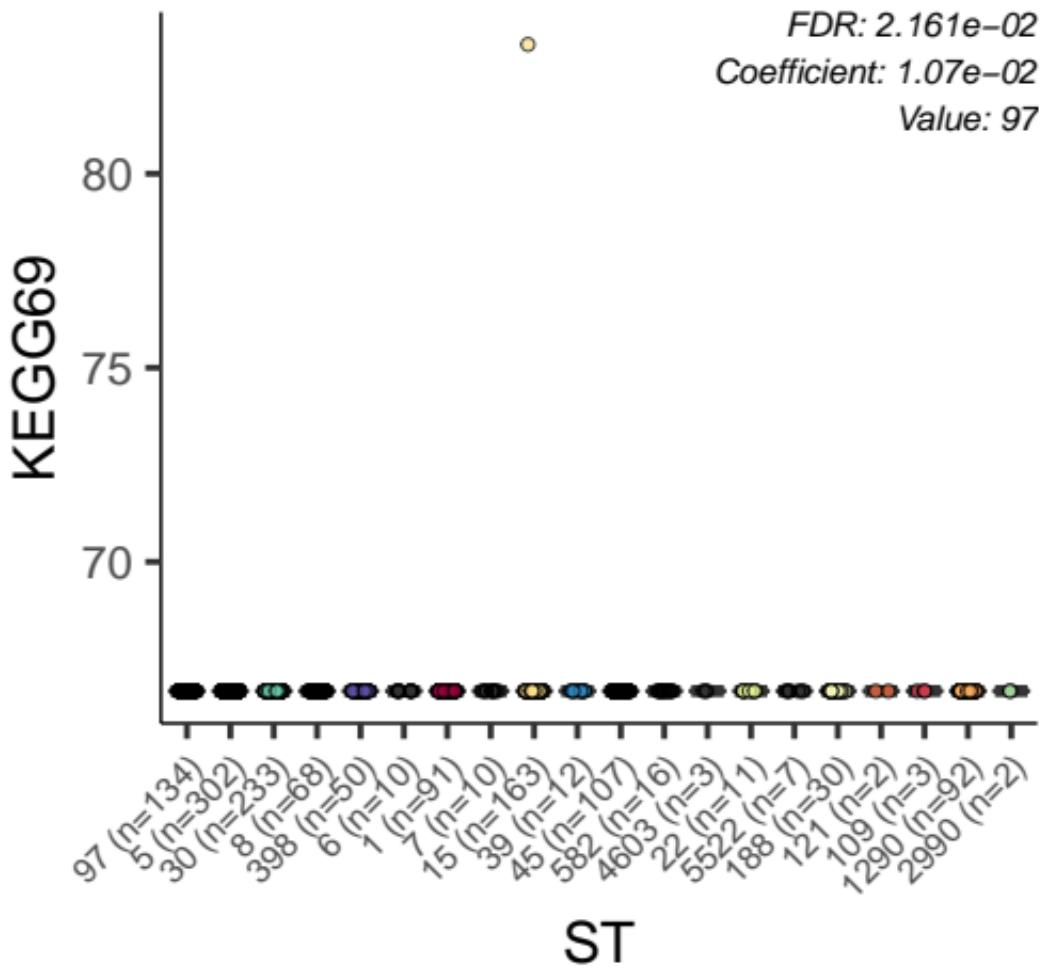
KEGG58

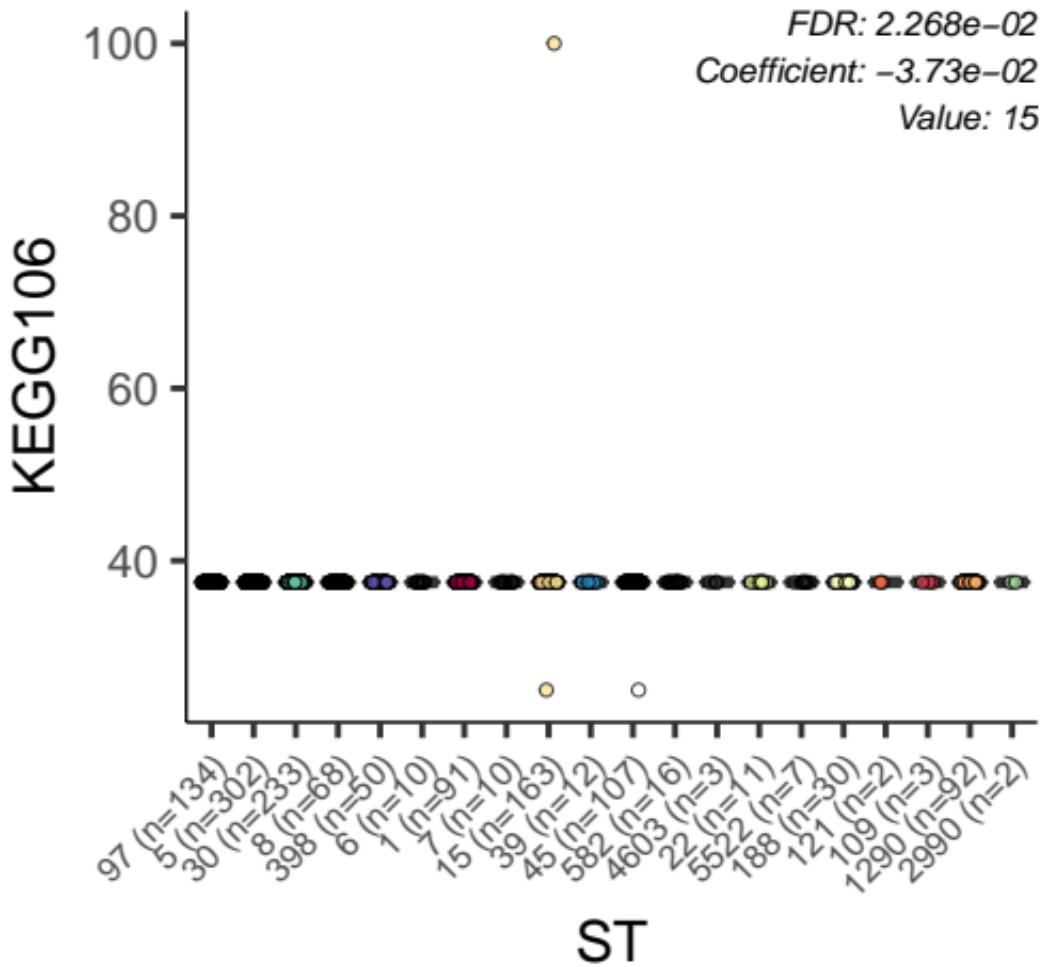




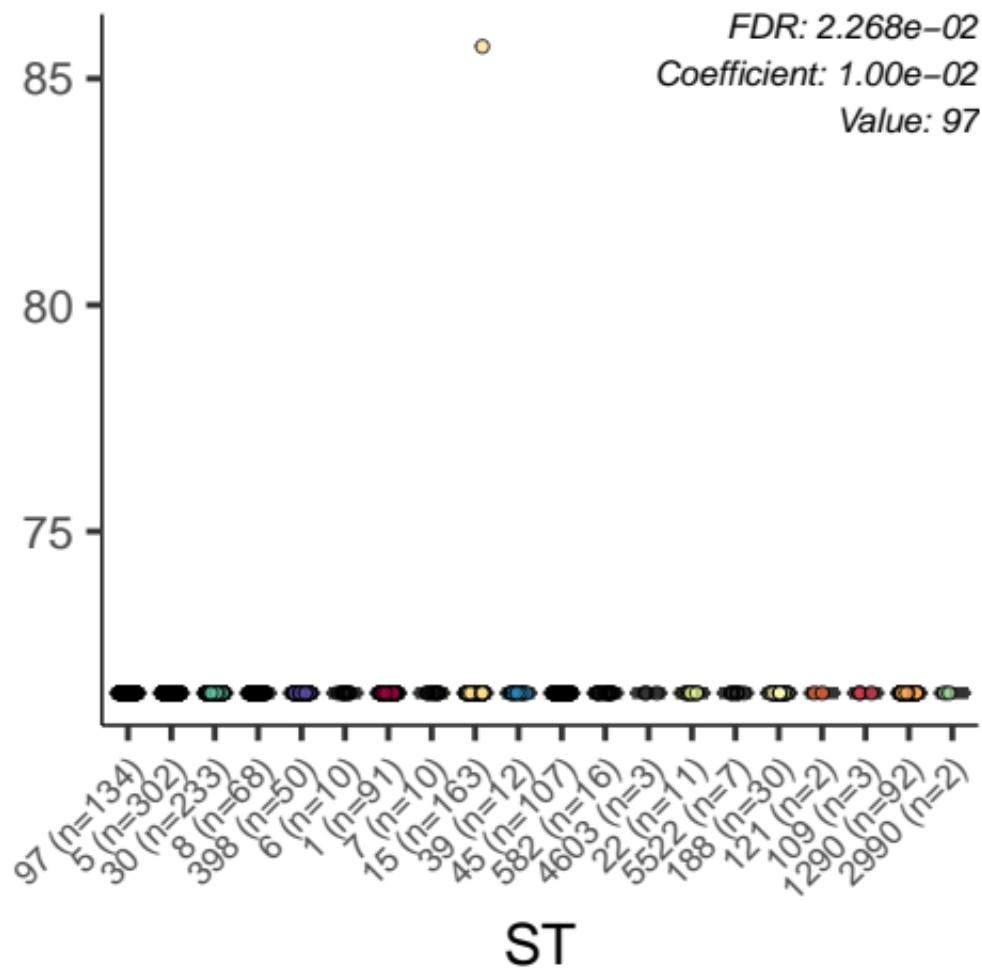
KEGG40

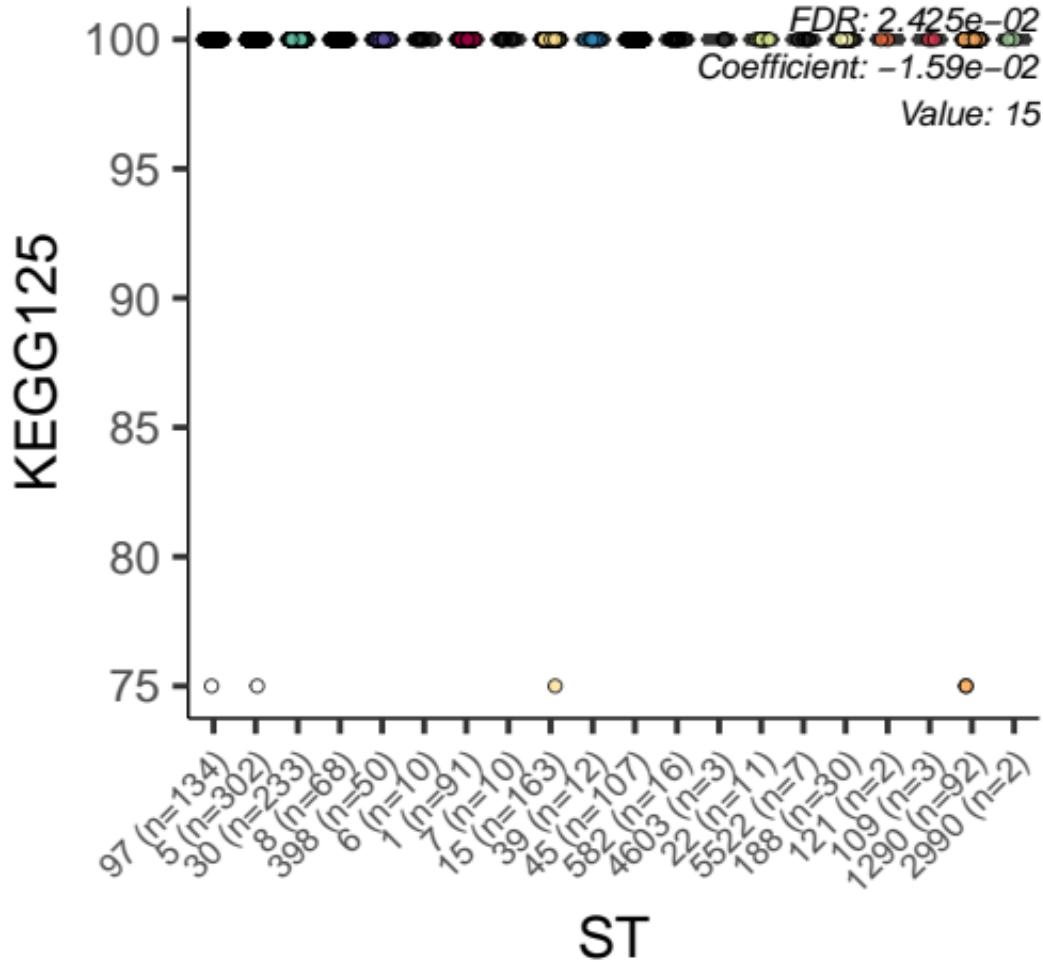


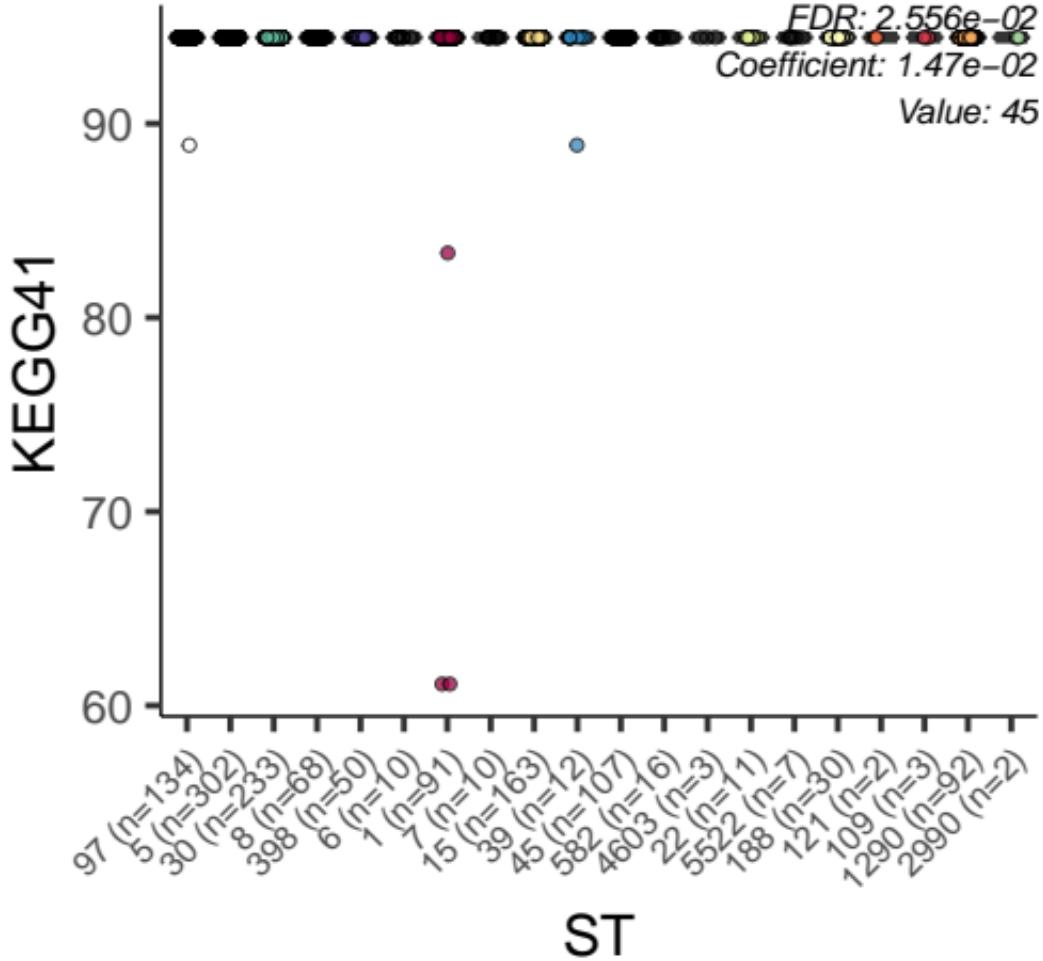


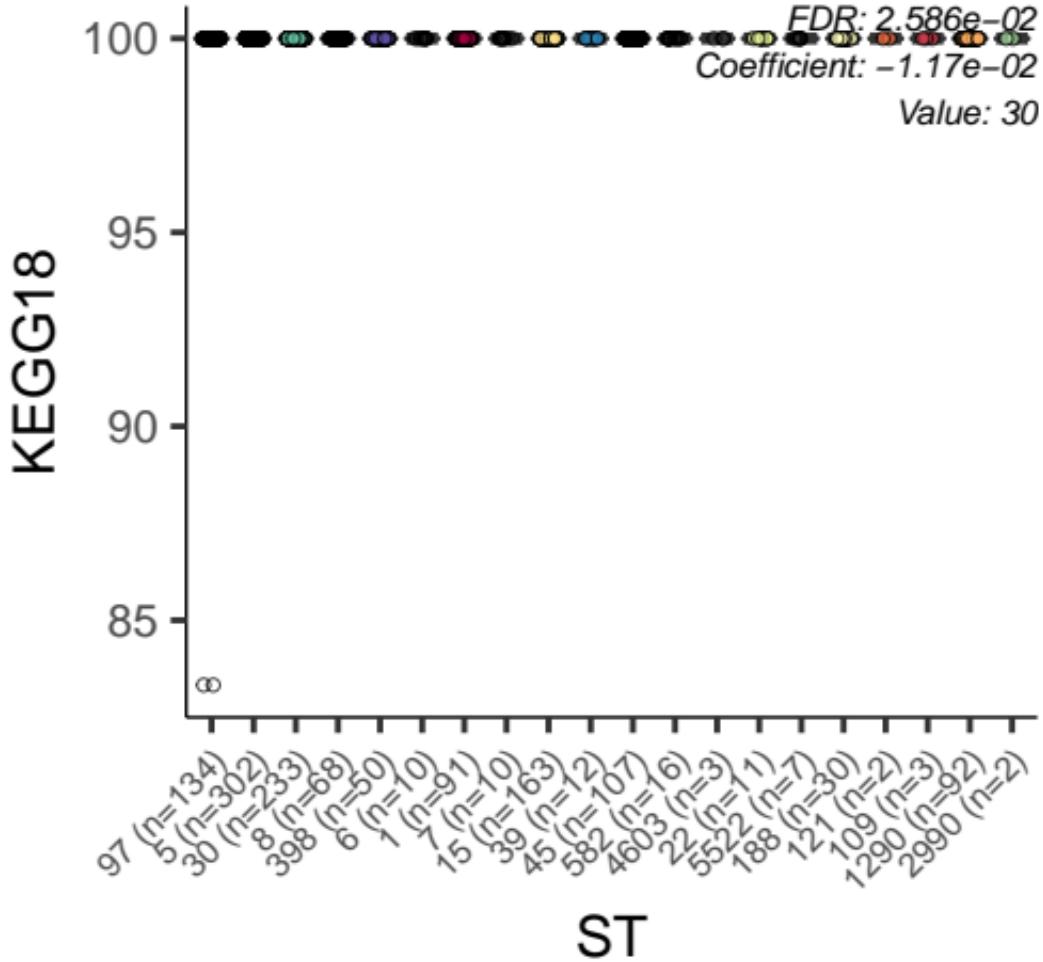


KEGG63

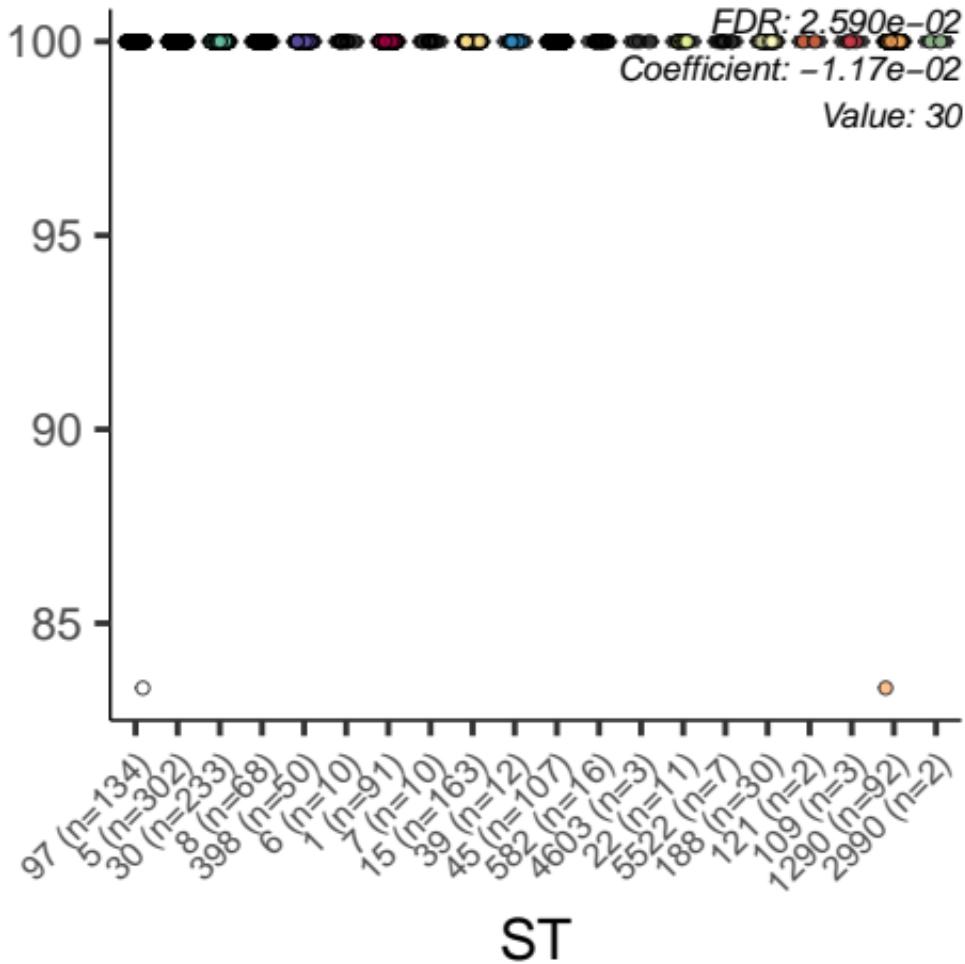


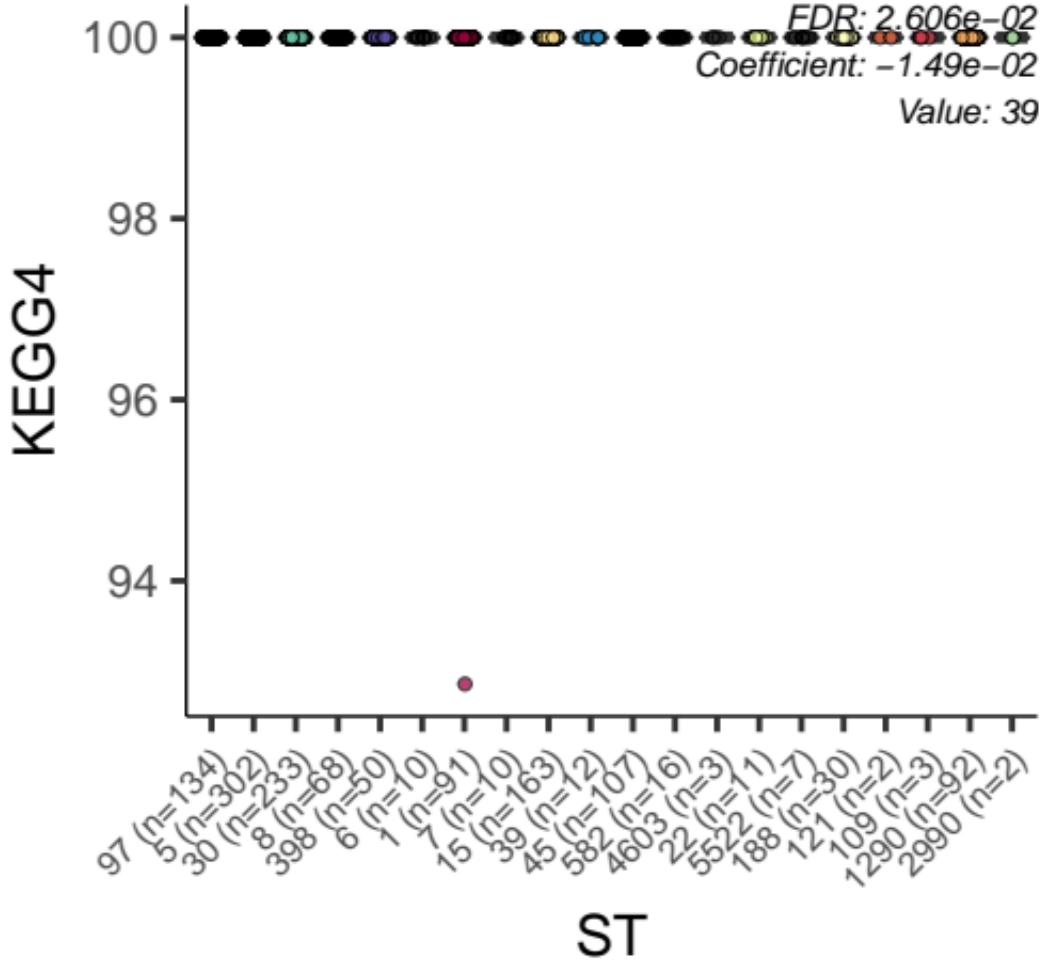


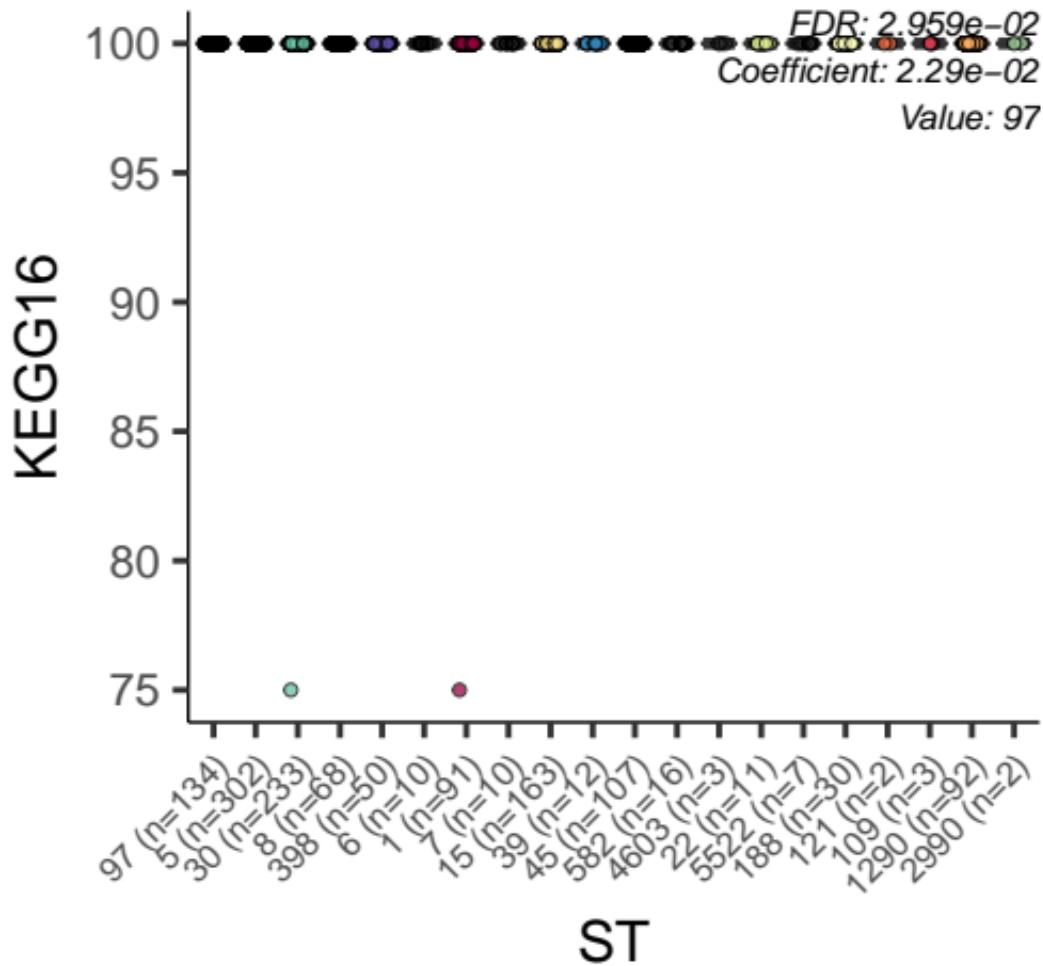


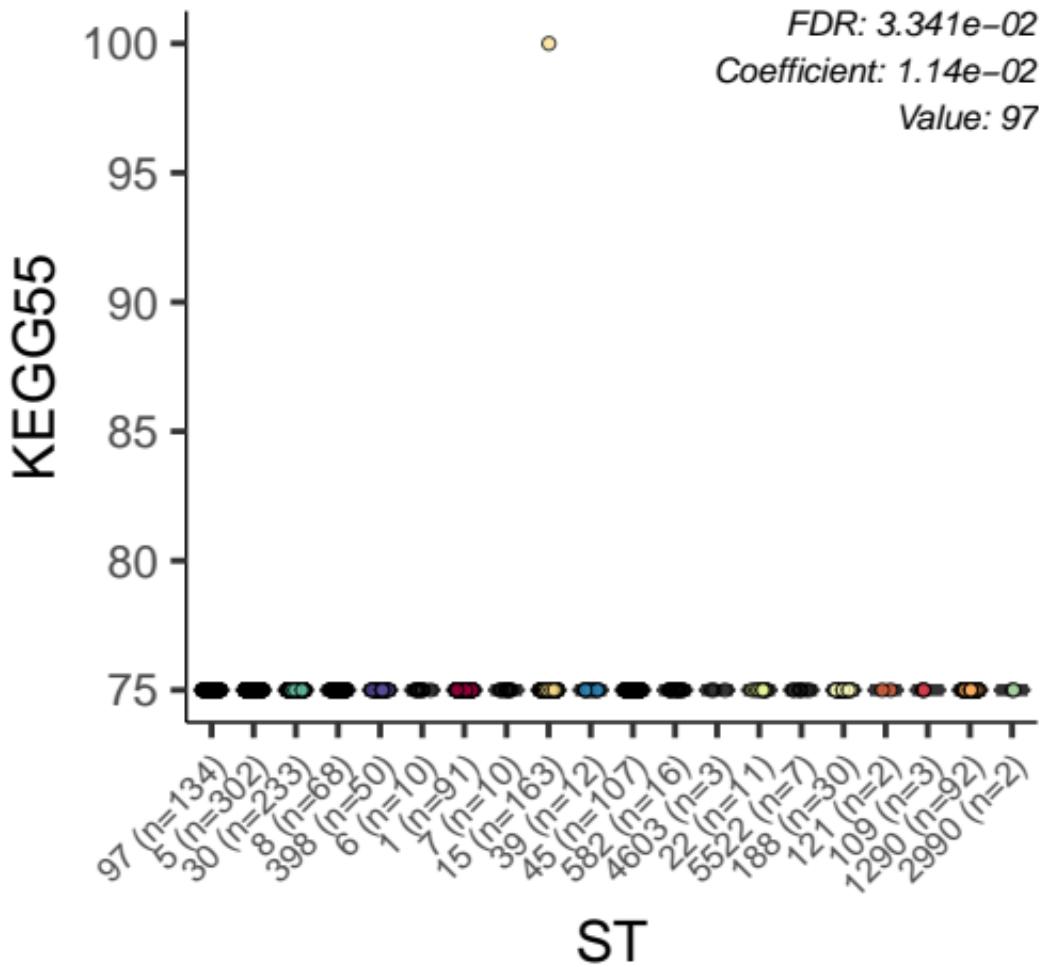


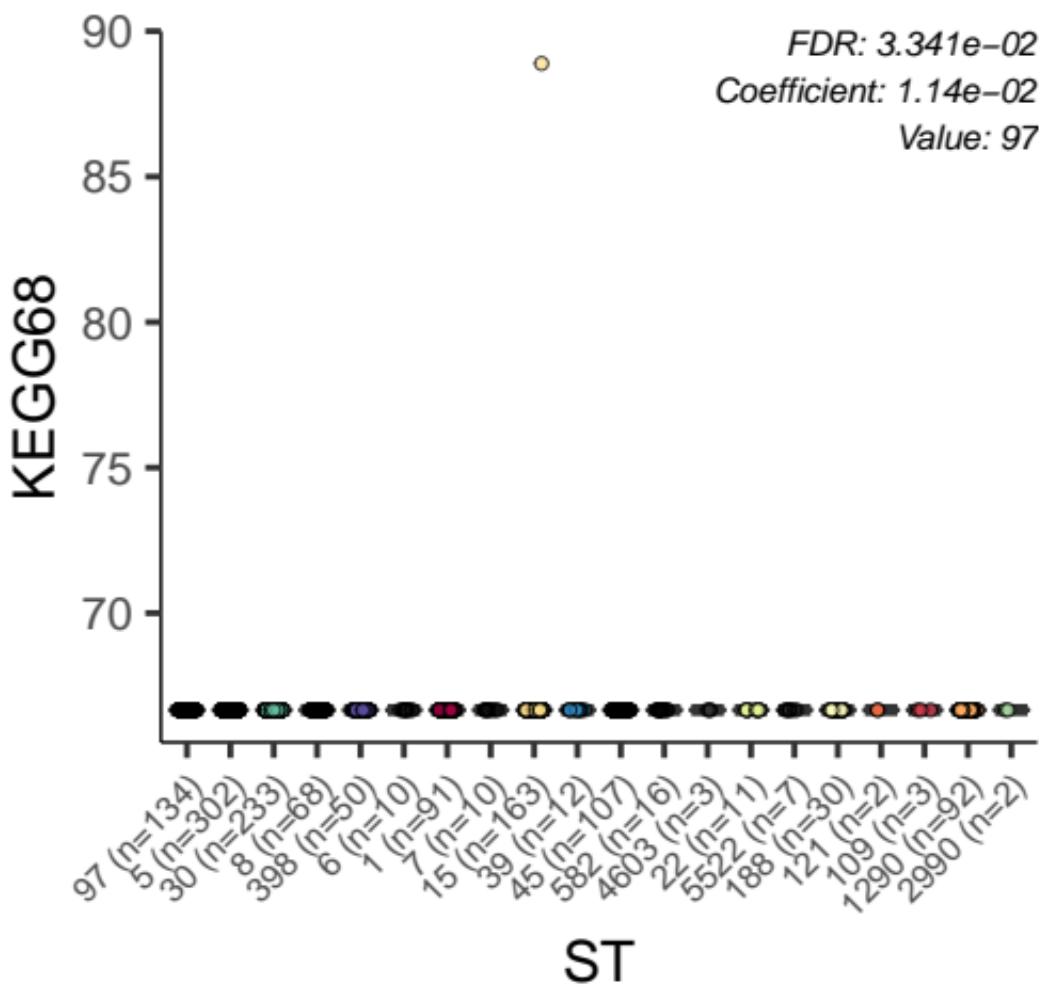
KEGG25



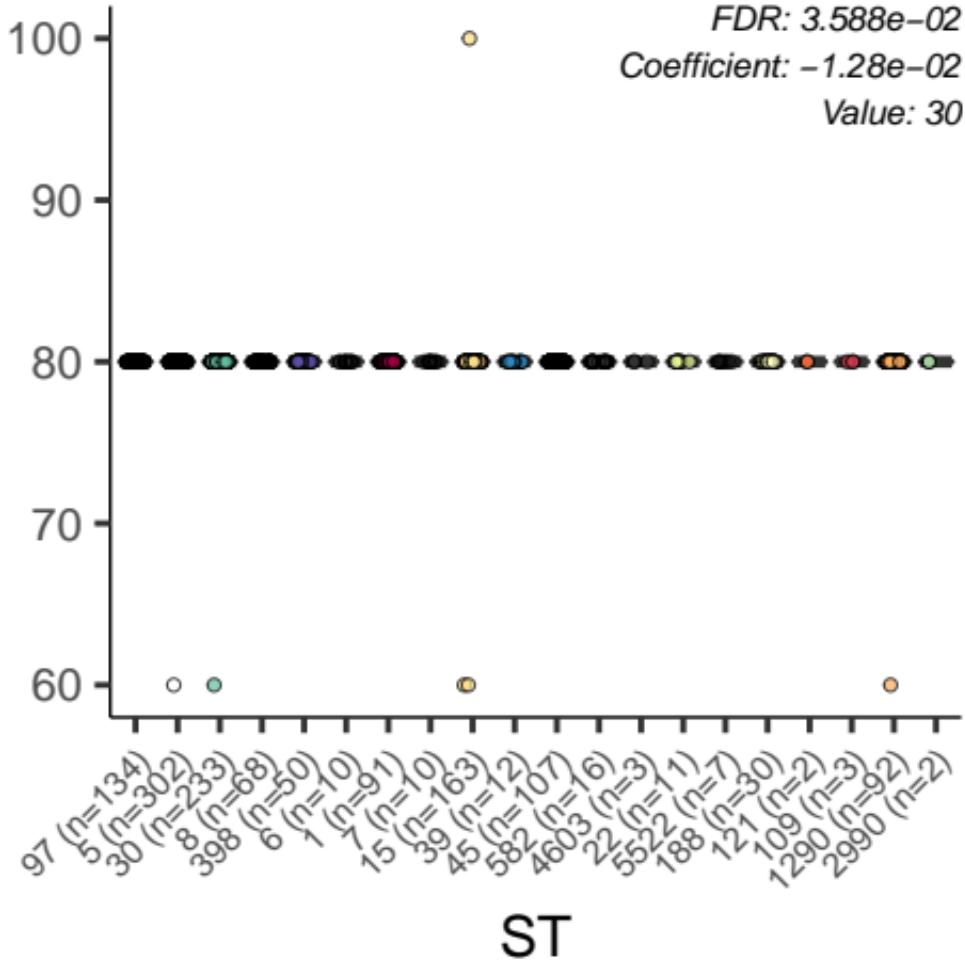








KEGG52

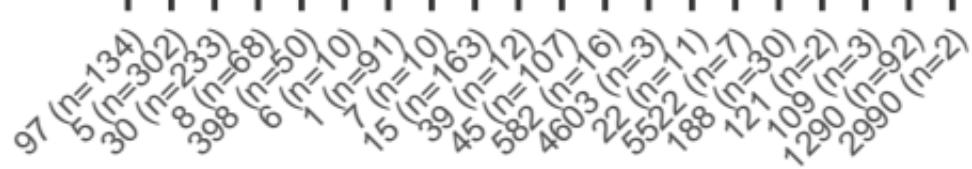


KEGG49

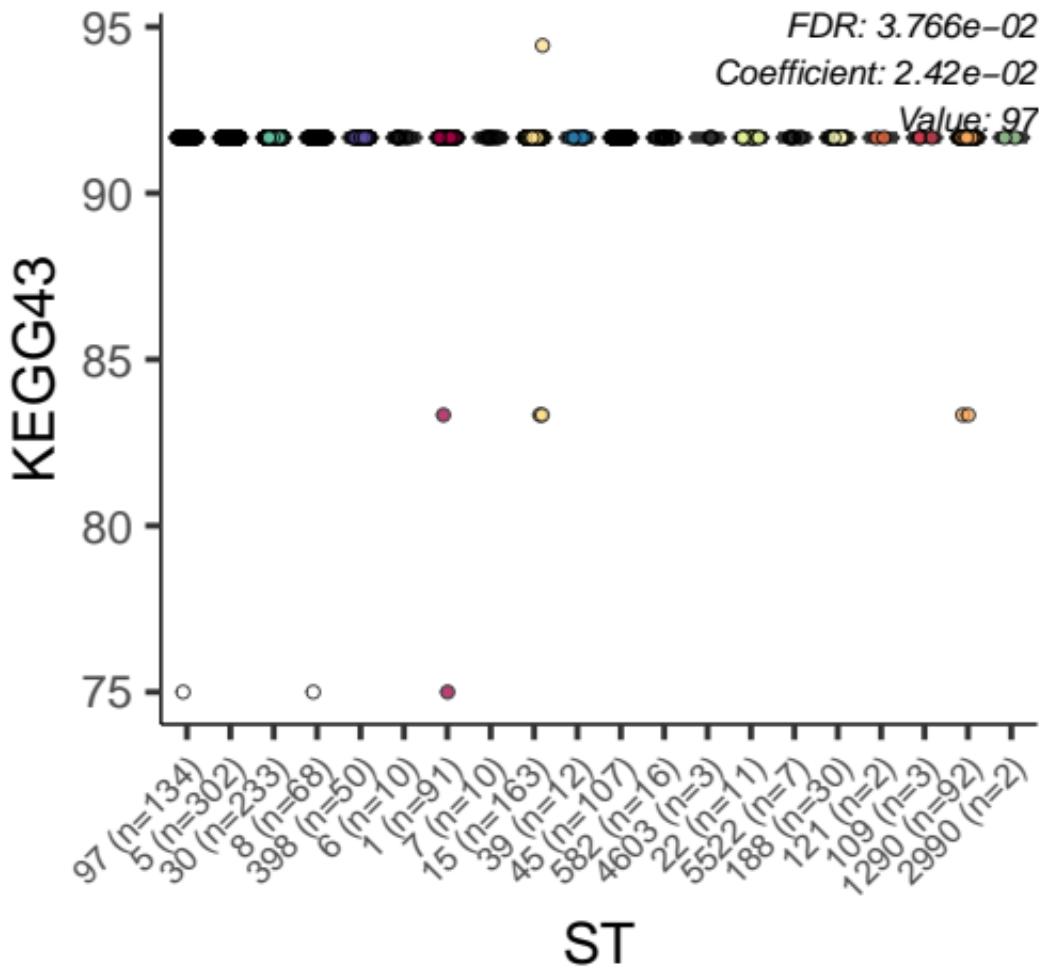
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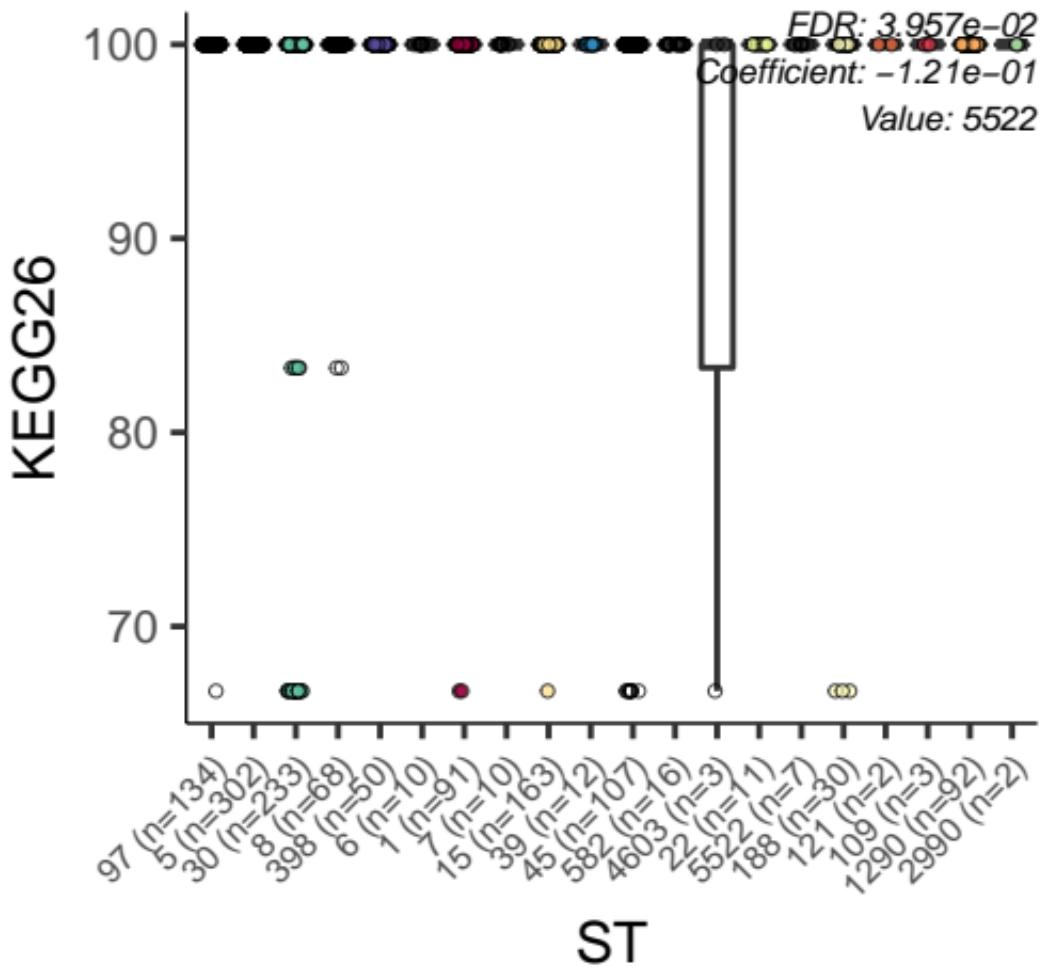
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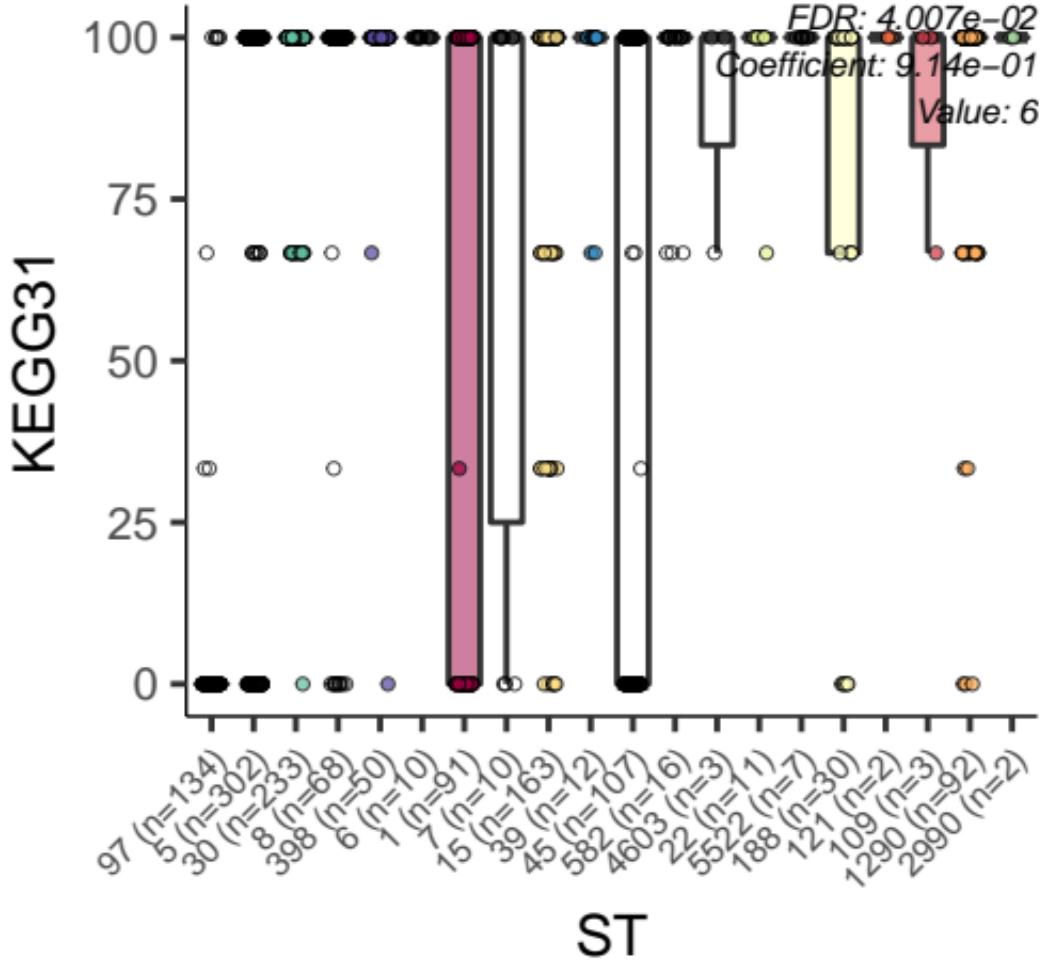
75

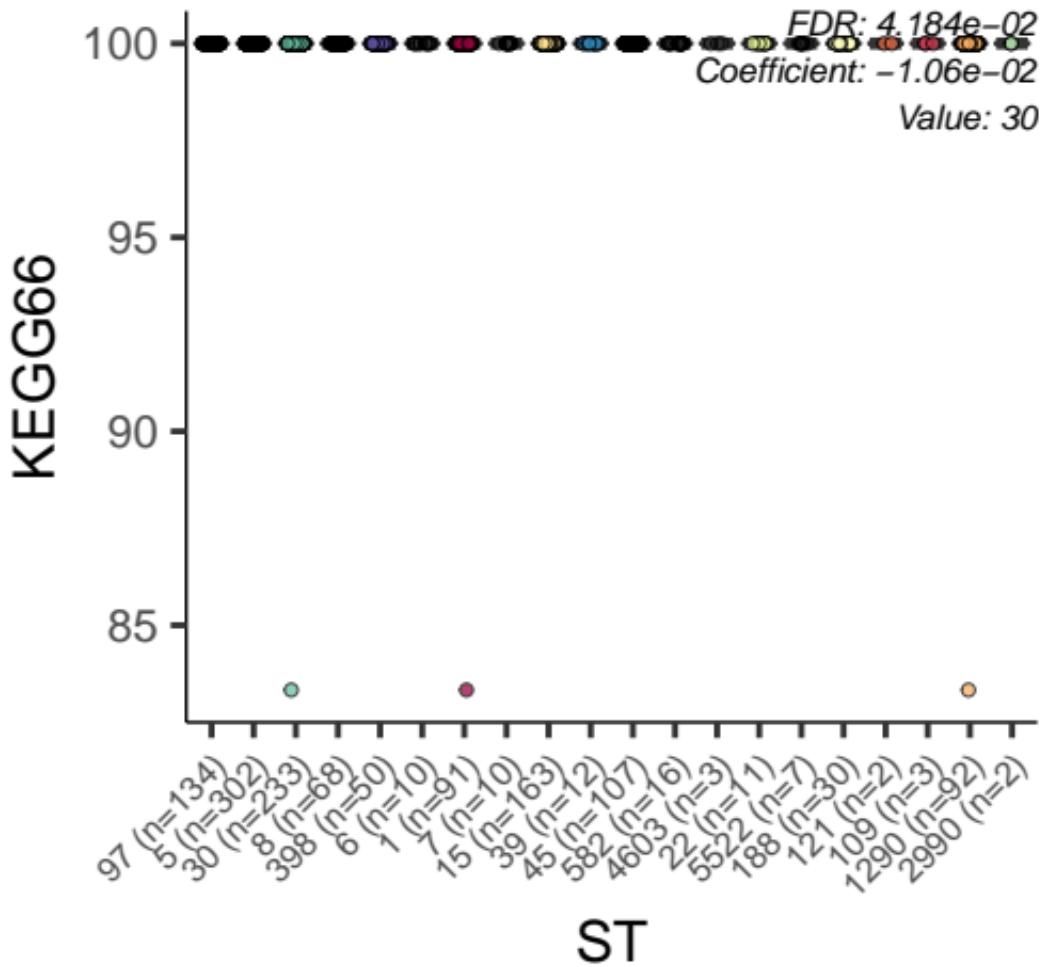


FDR: 3.758e-02
Coefficient: -1.11e-02
Value: 30









FDR: 4.184e-02
Coefficient: 9.34e-03
Value: 97

KEGG74

72.5

70.0

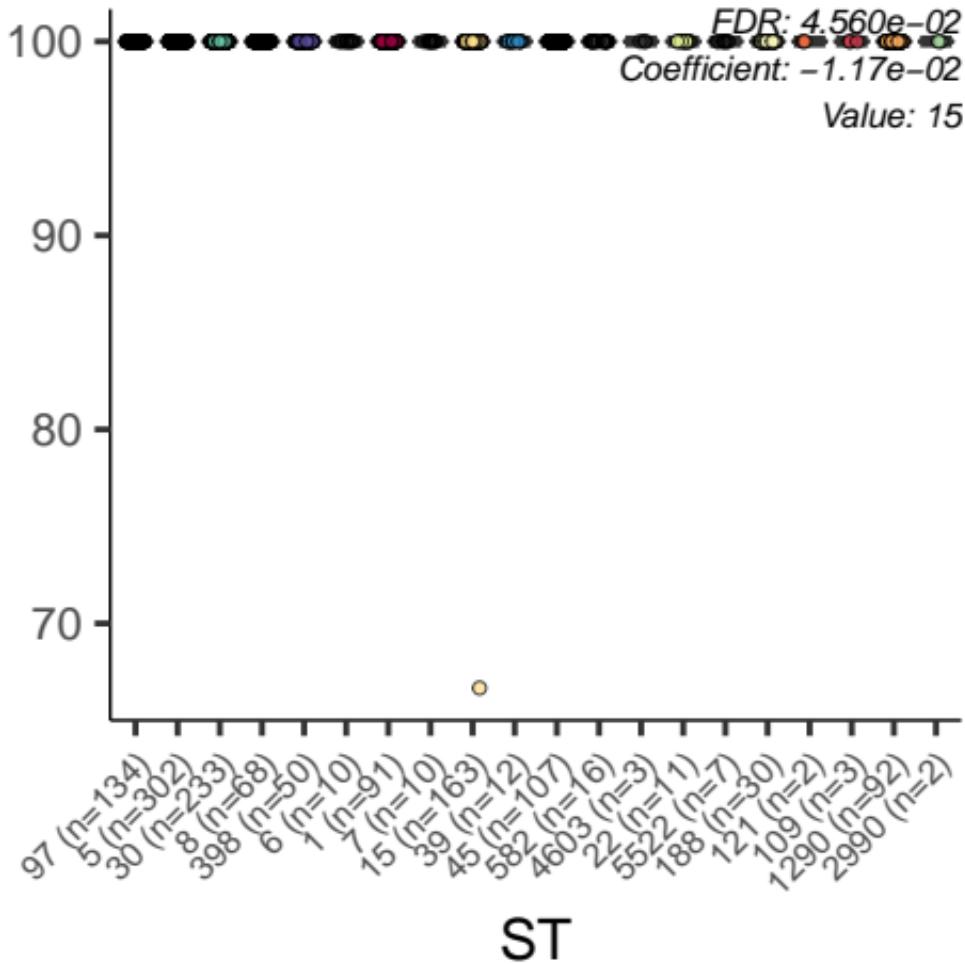
67.5

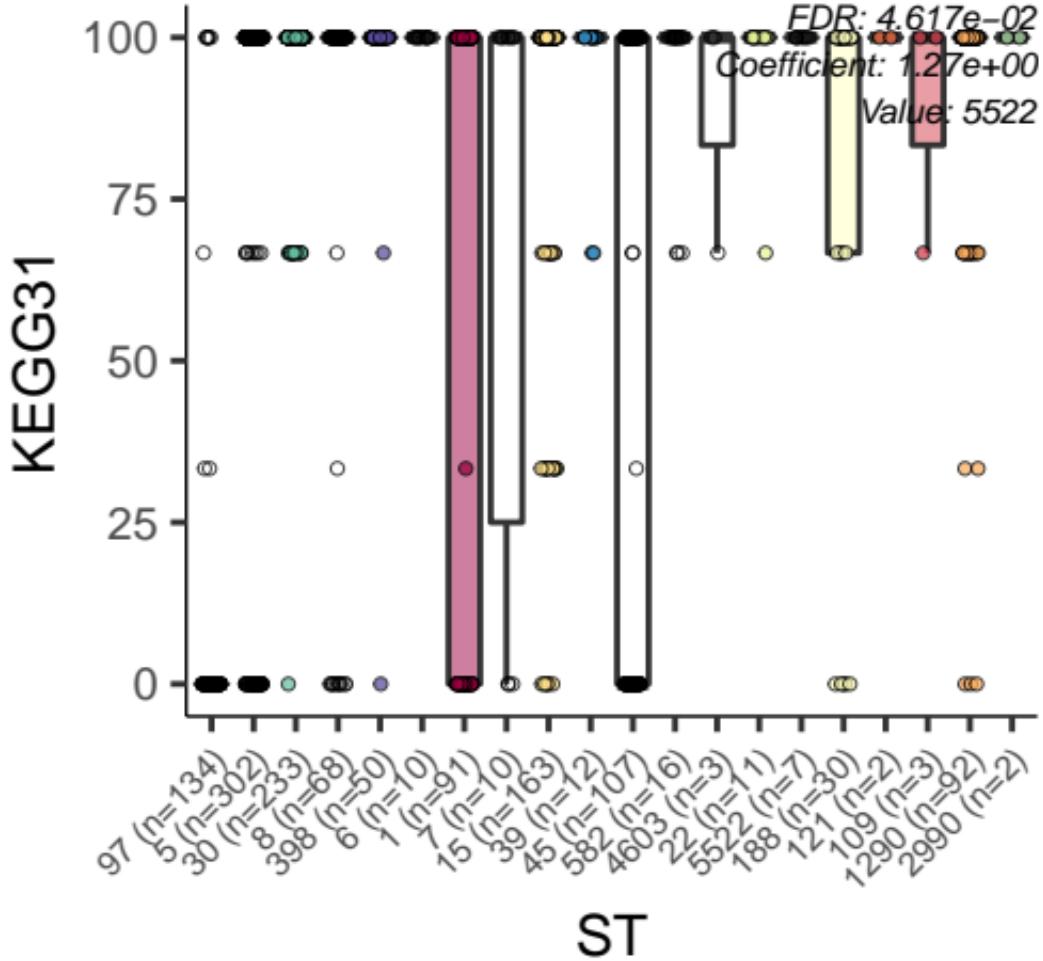
65.0

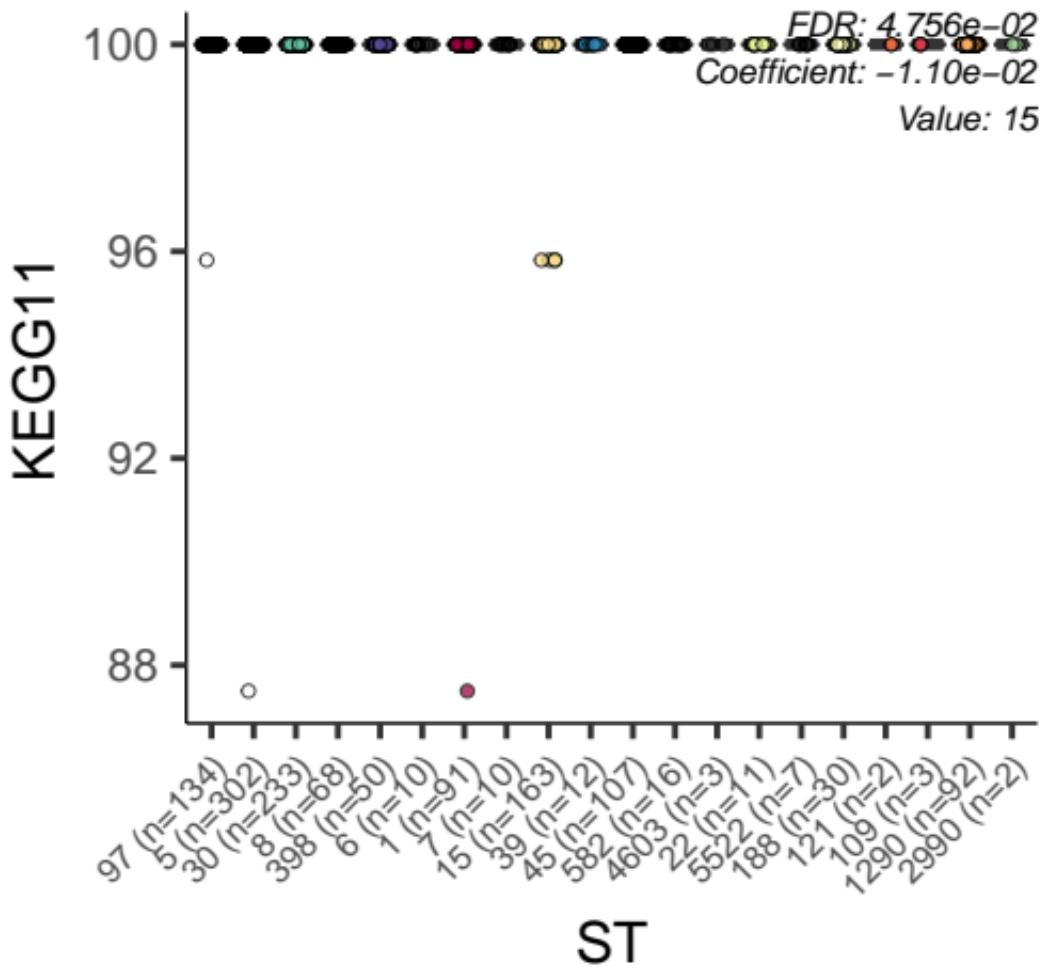
97 (n=134)
5 (n=302)
30 (n=233)
8 (n=68)
398 (n=50)
6 (n=10)
1 (n=91)
15 (n=10)
39 (n=163)
35 (n=121)
582 (n=107)
4603 (n=16)
222 (n=3)
188 (n=11)
552 (n=1)
121 (n=30)
109 (n=2)
2990 (n=2)

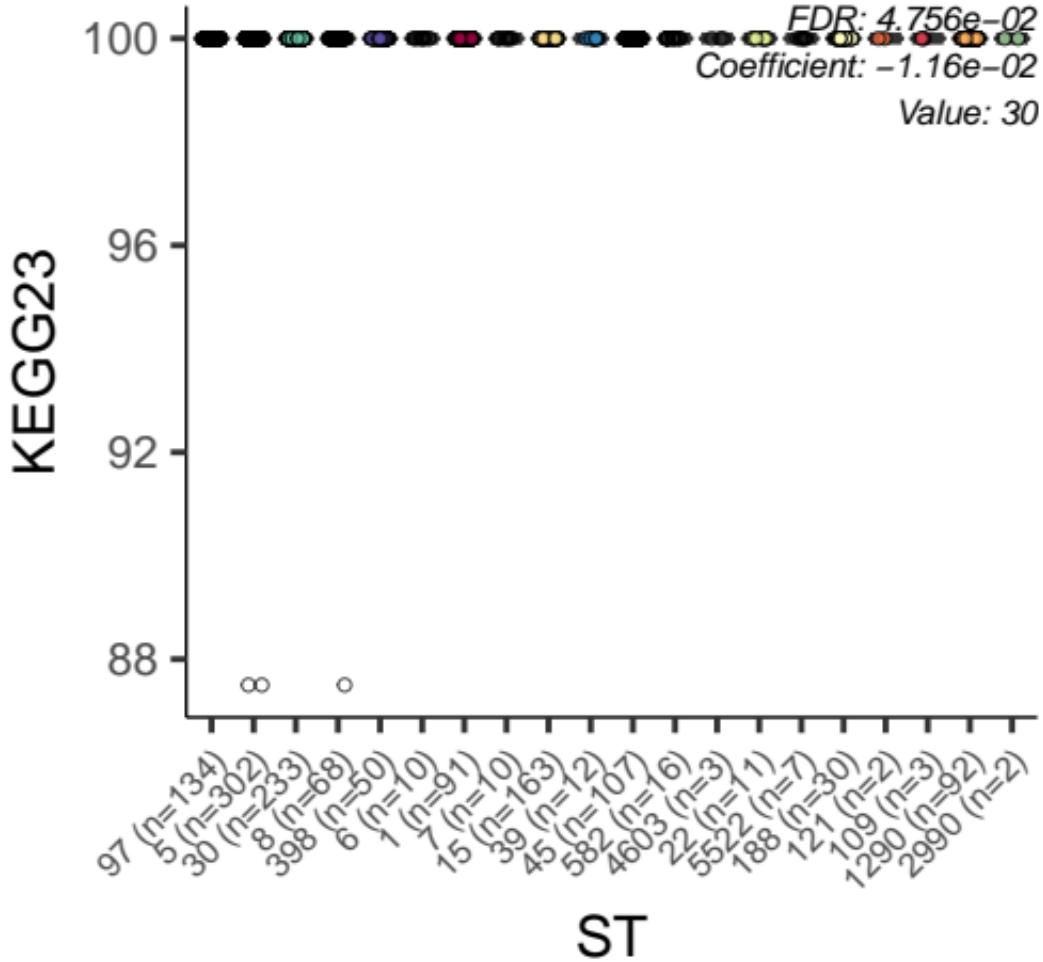
ST

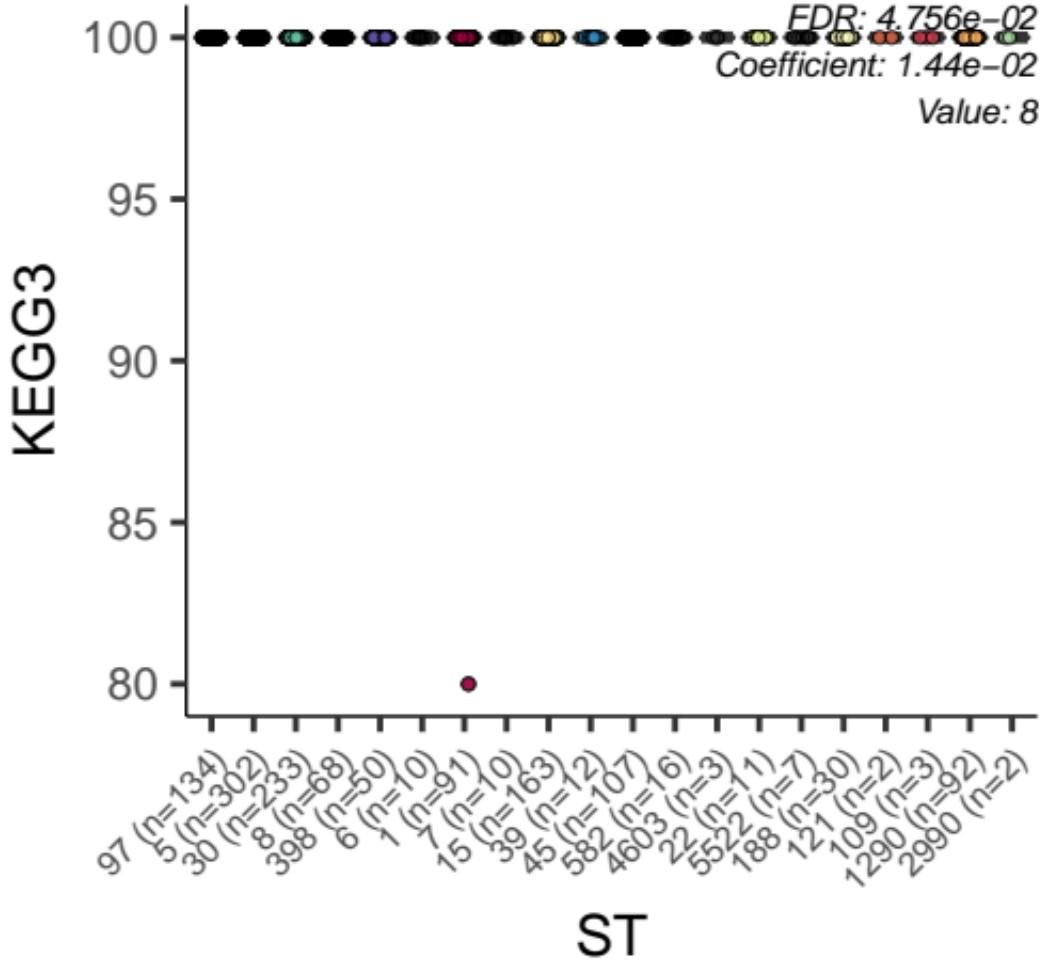
KEGG22

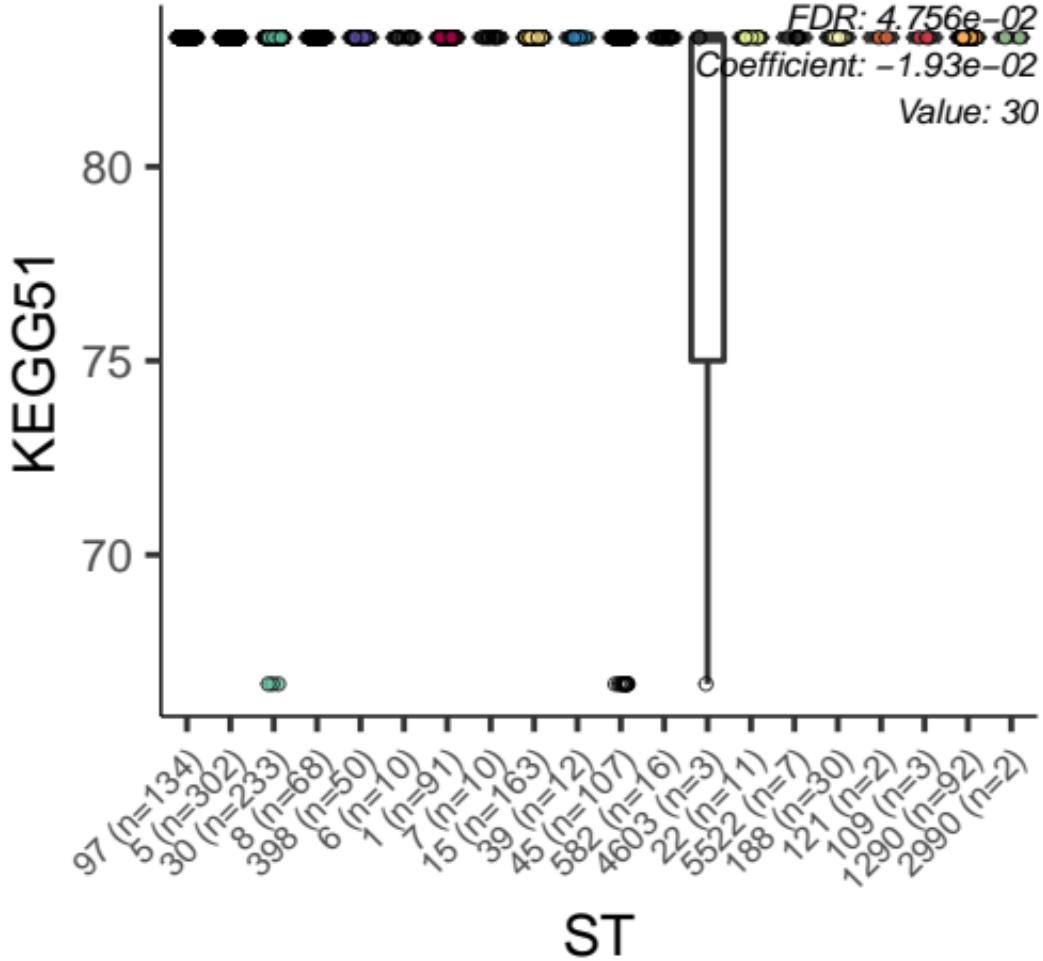


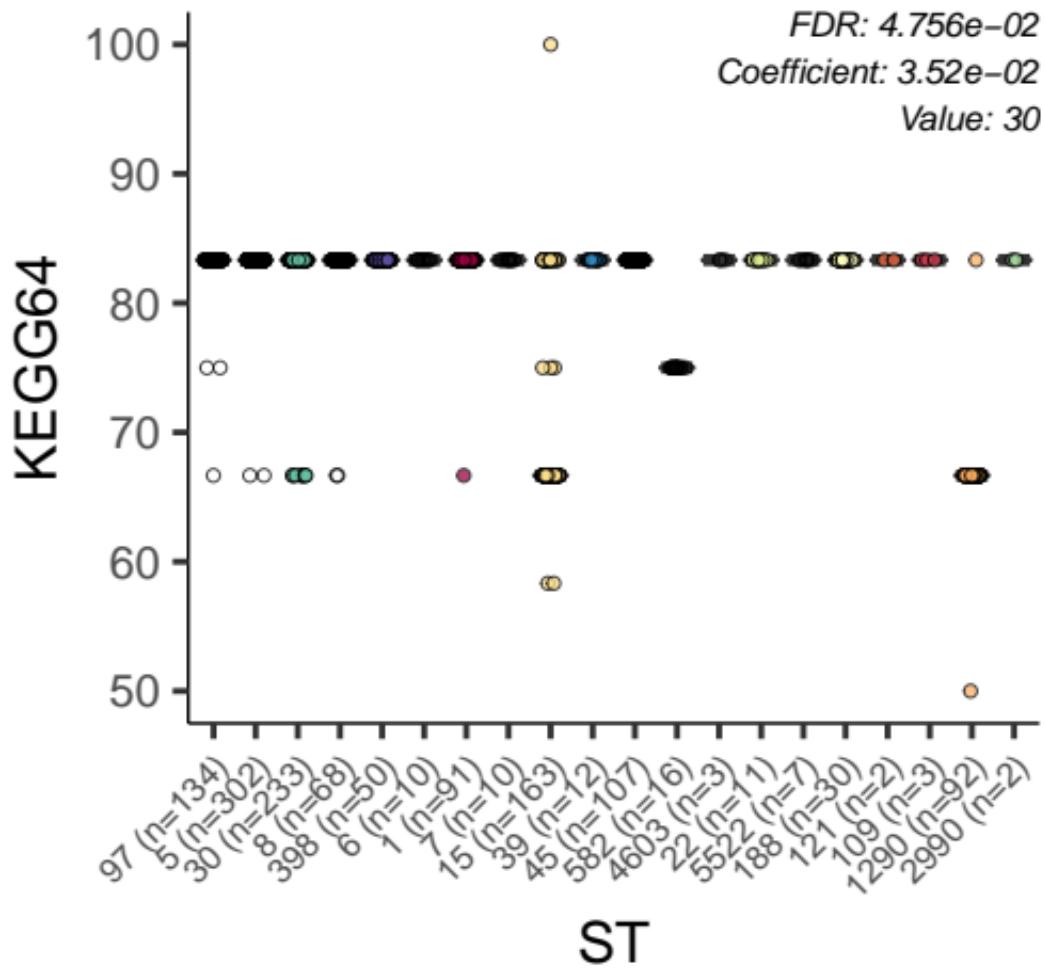


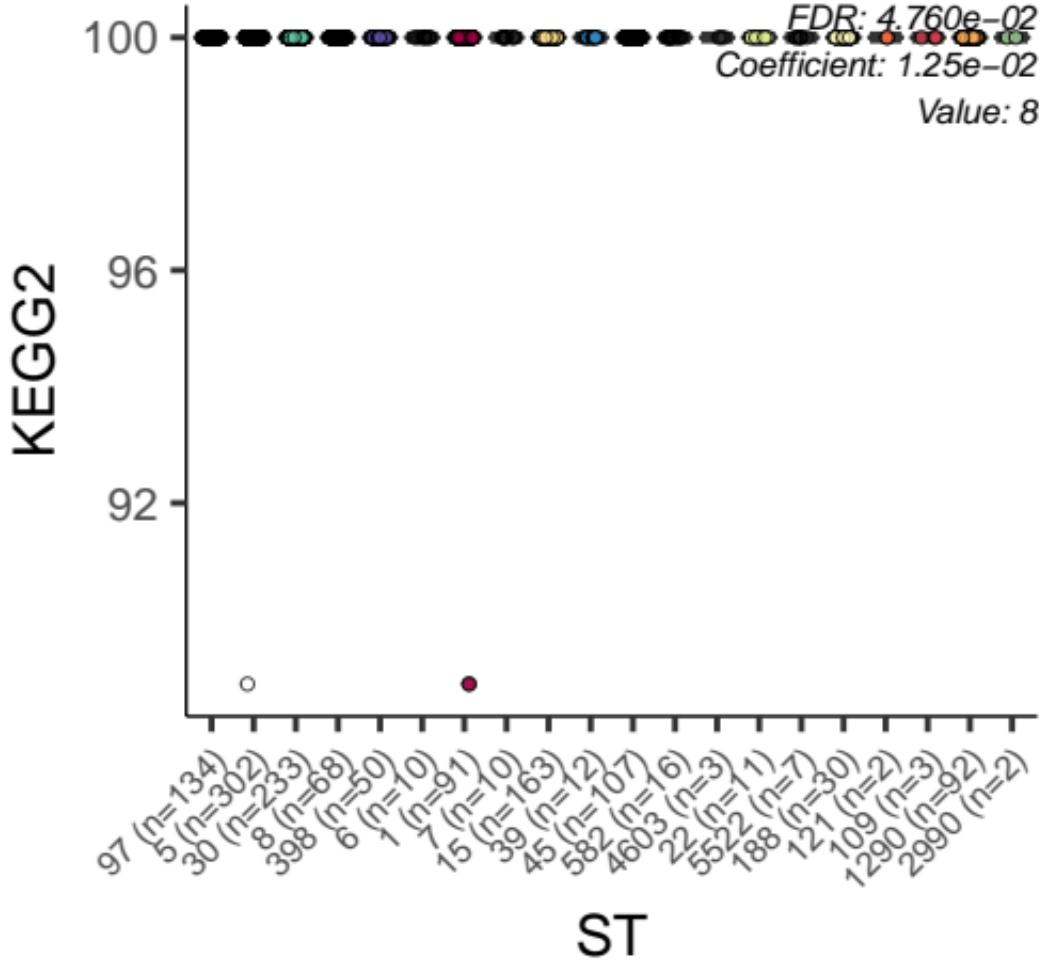


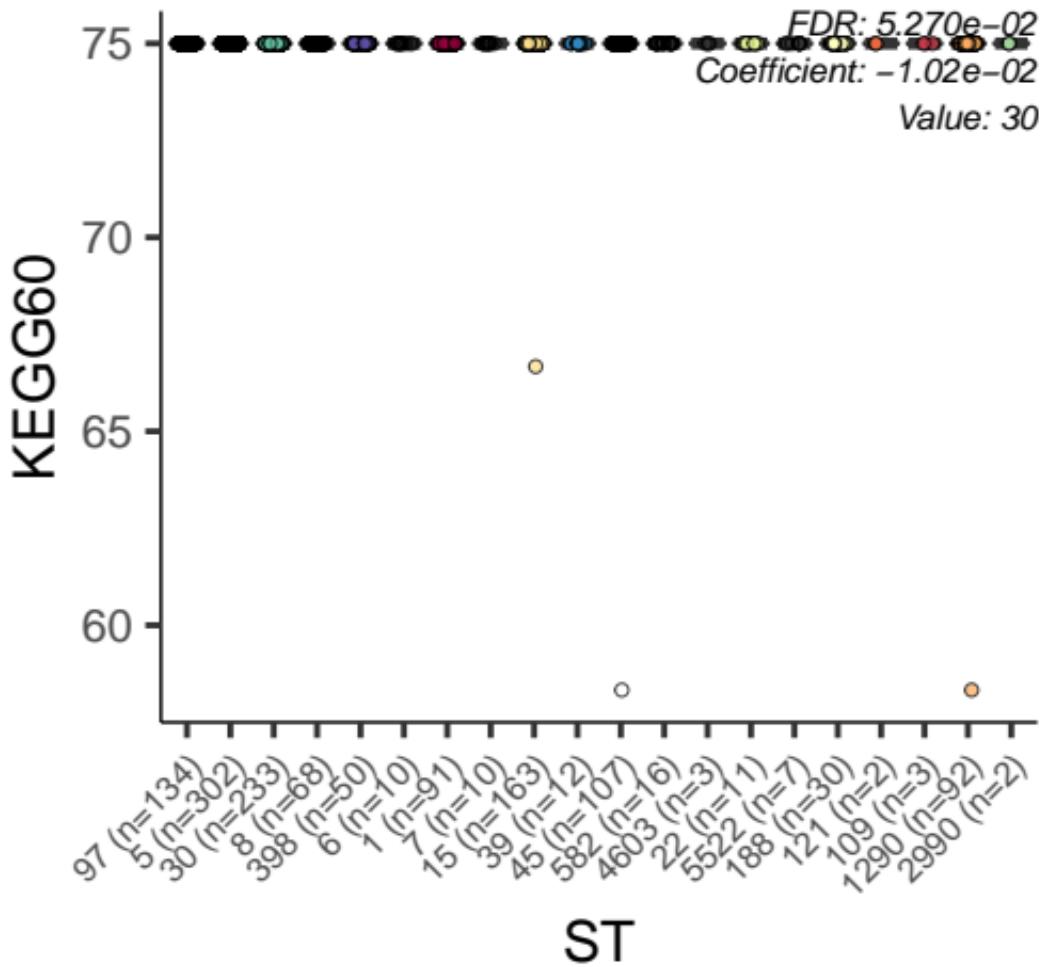




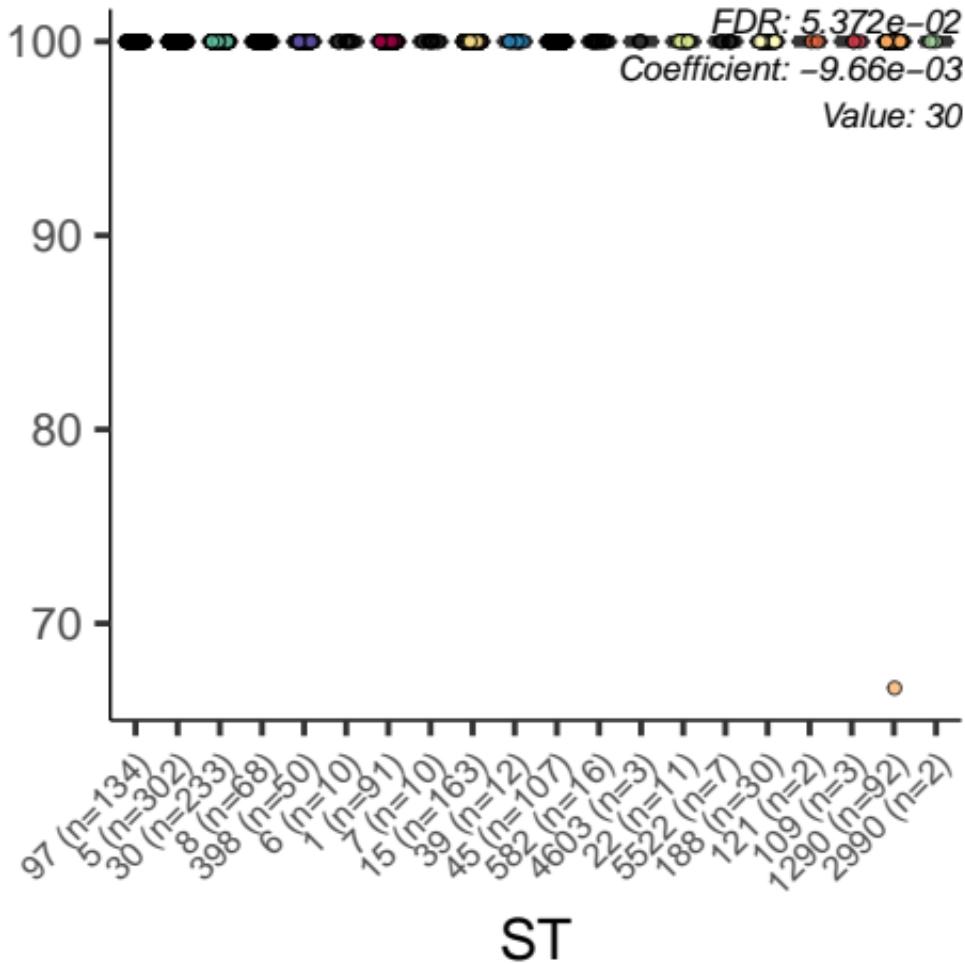




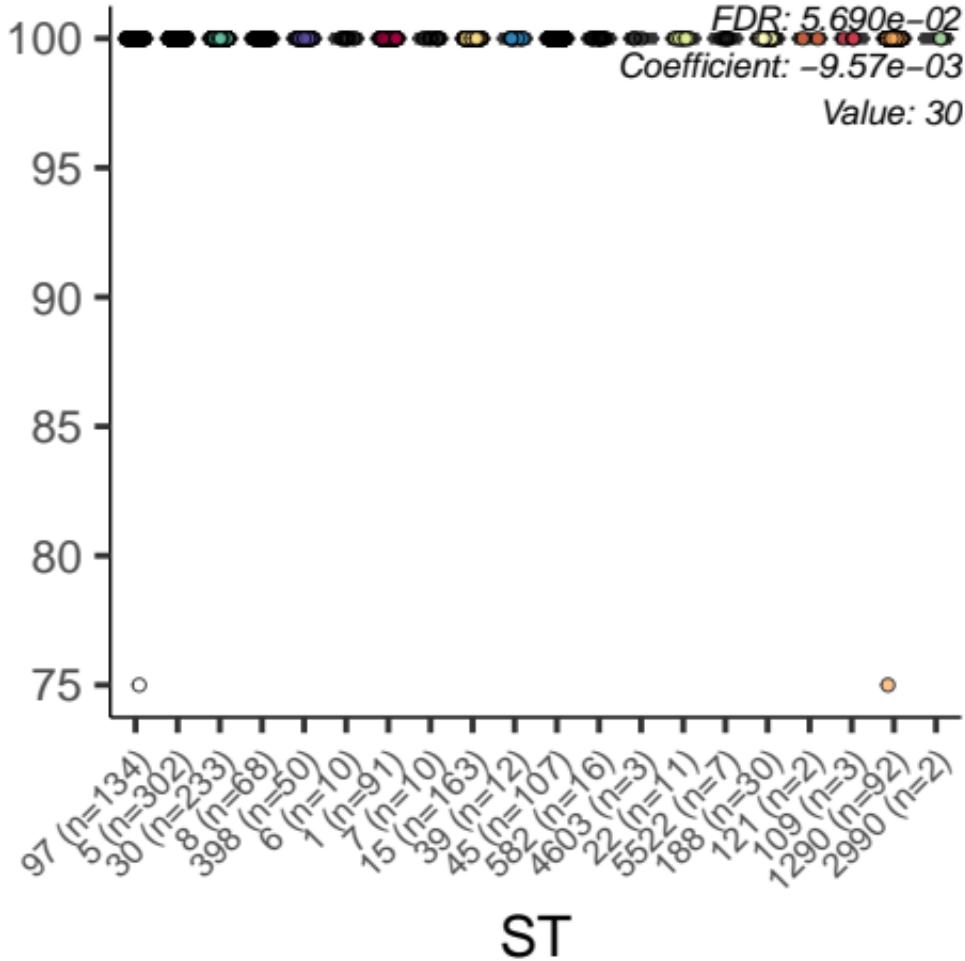


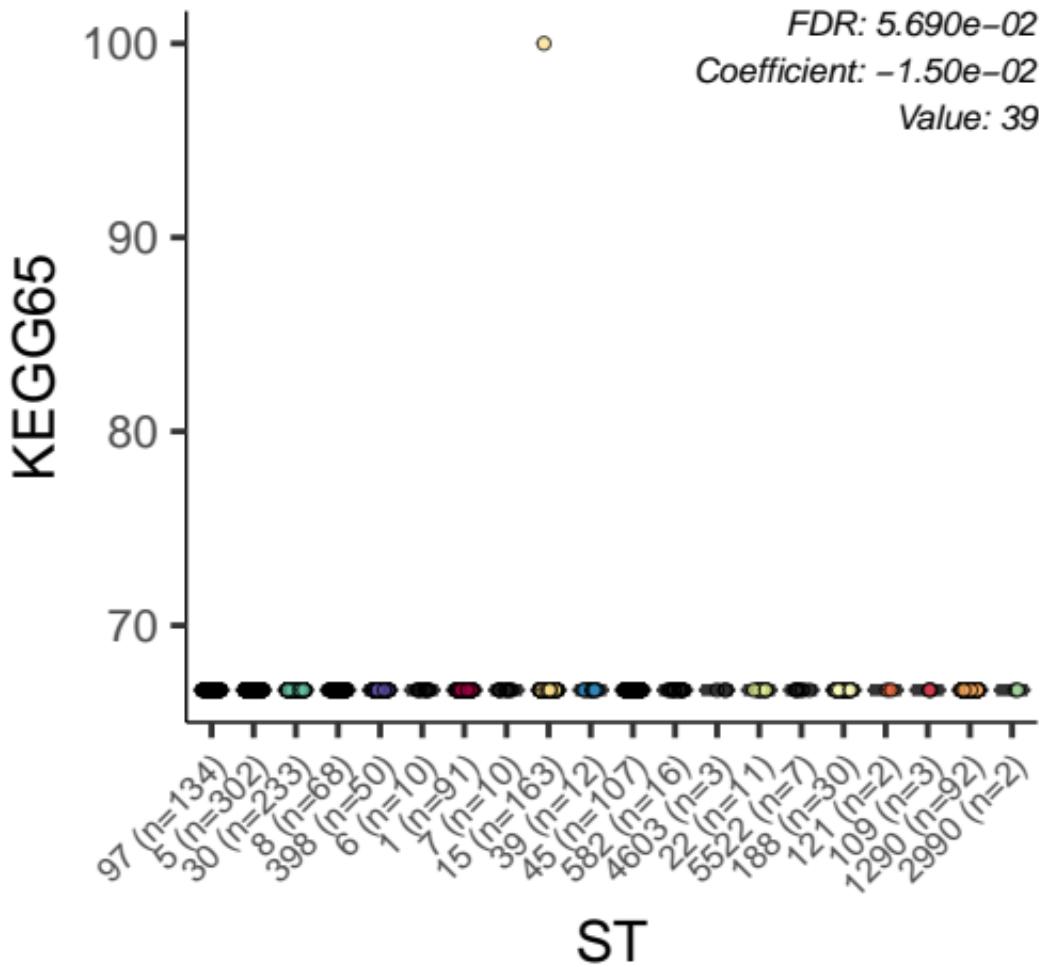


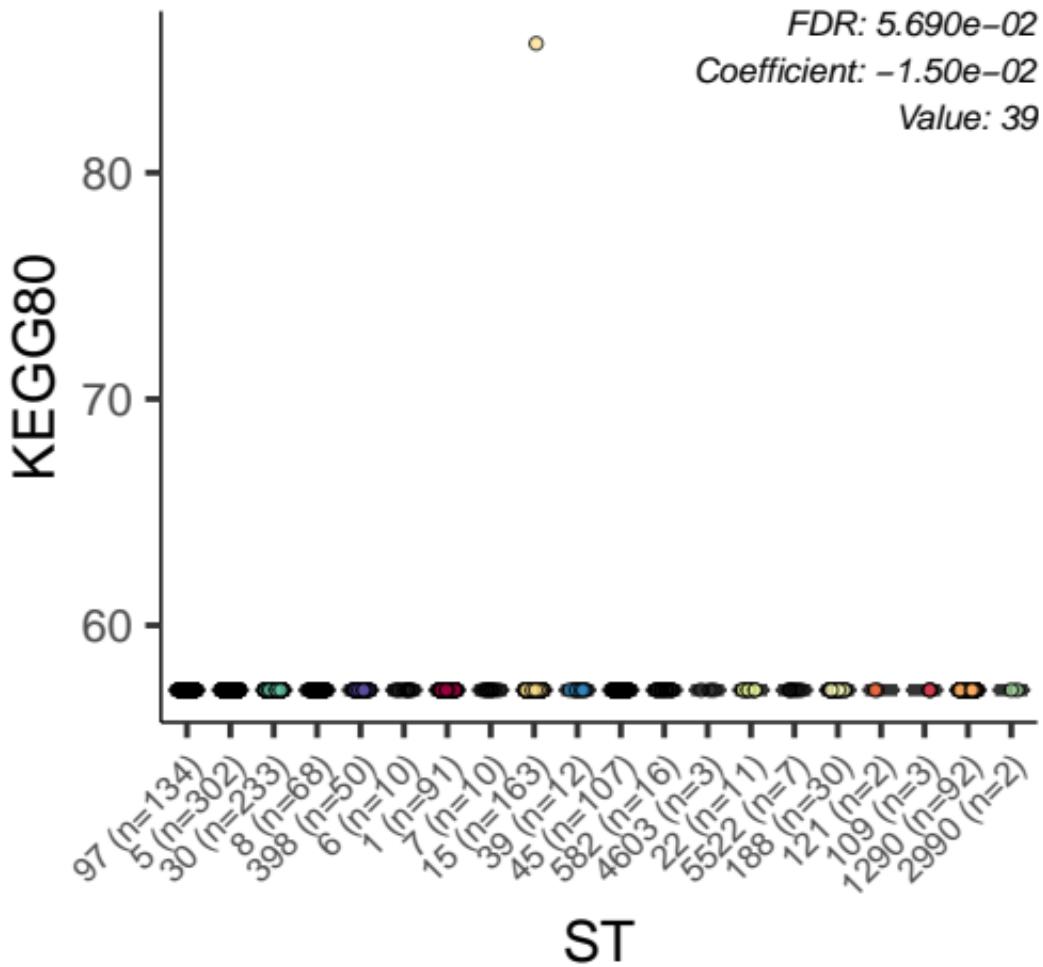
KEGG14

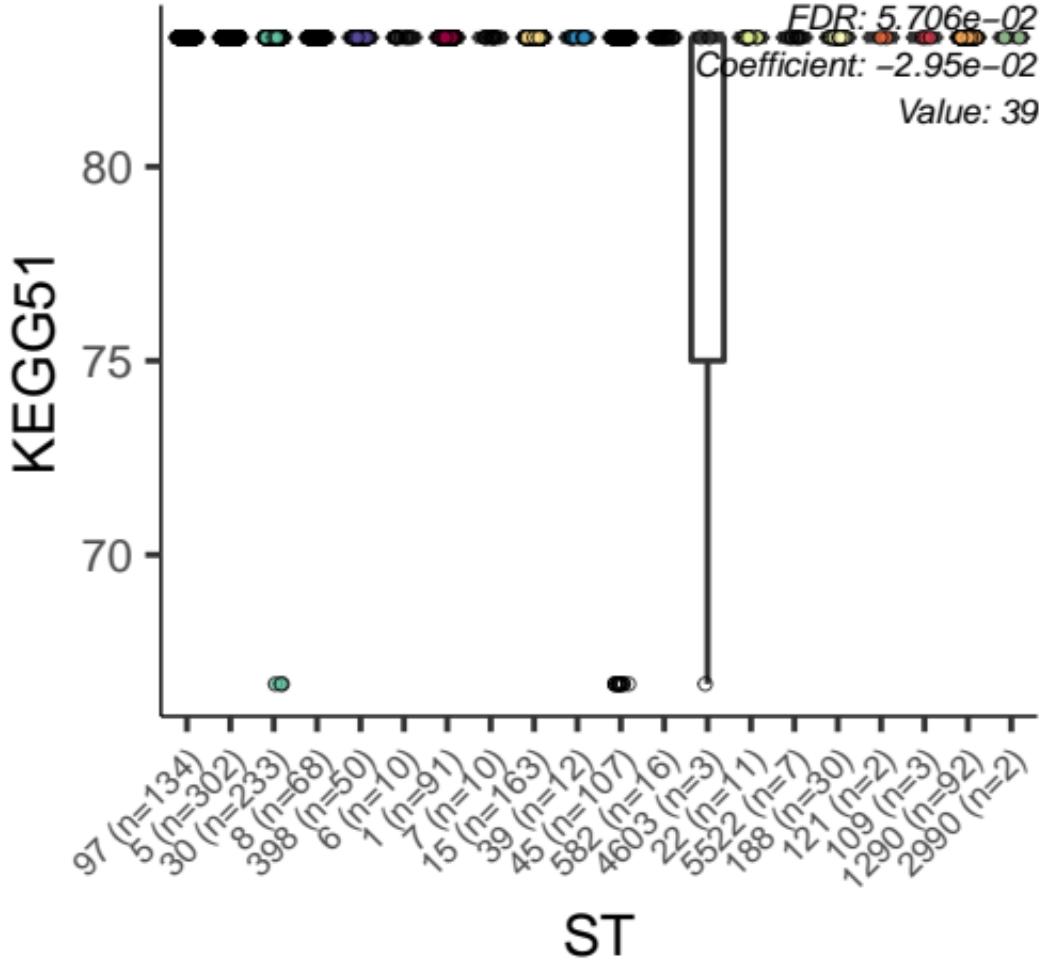


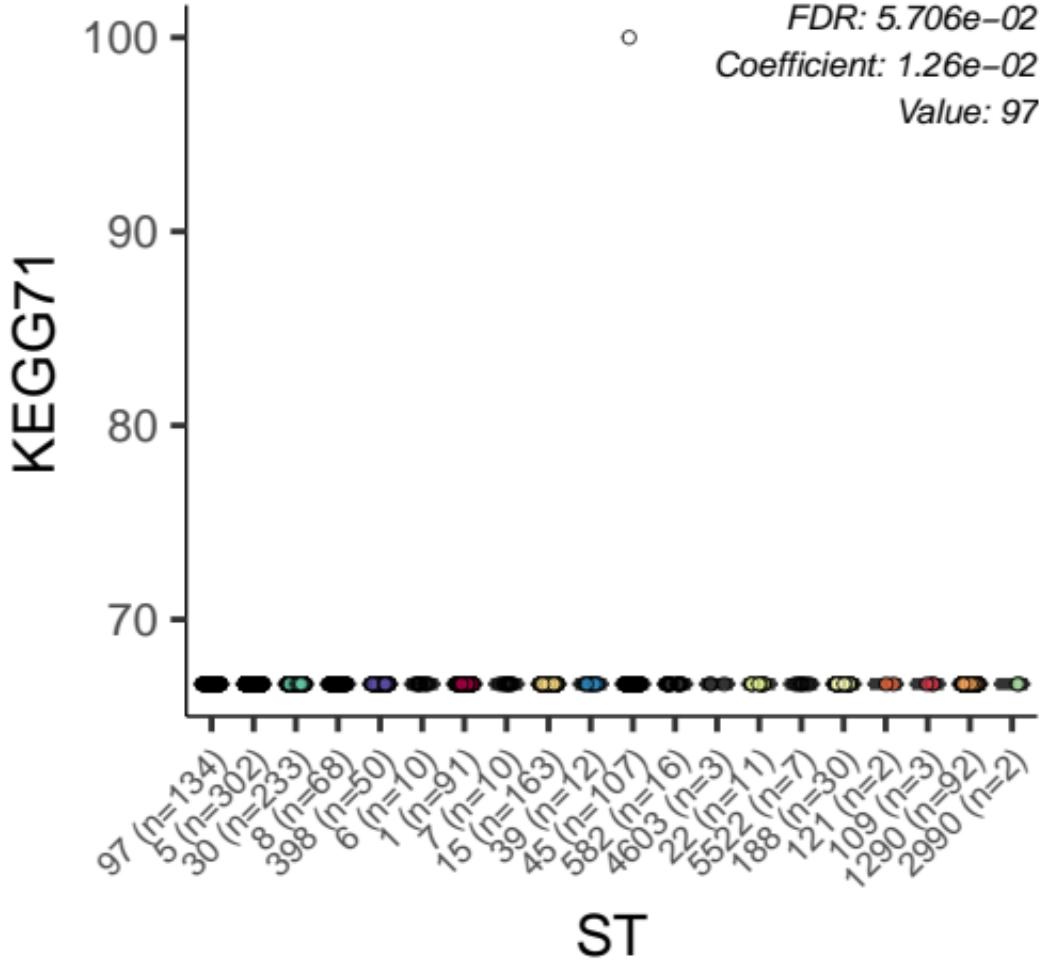
KEGG30



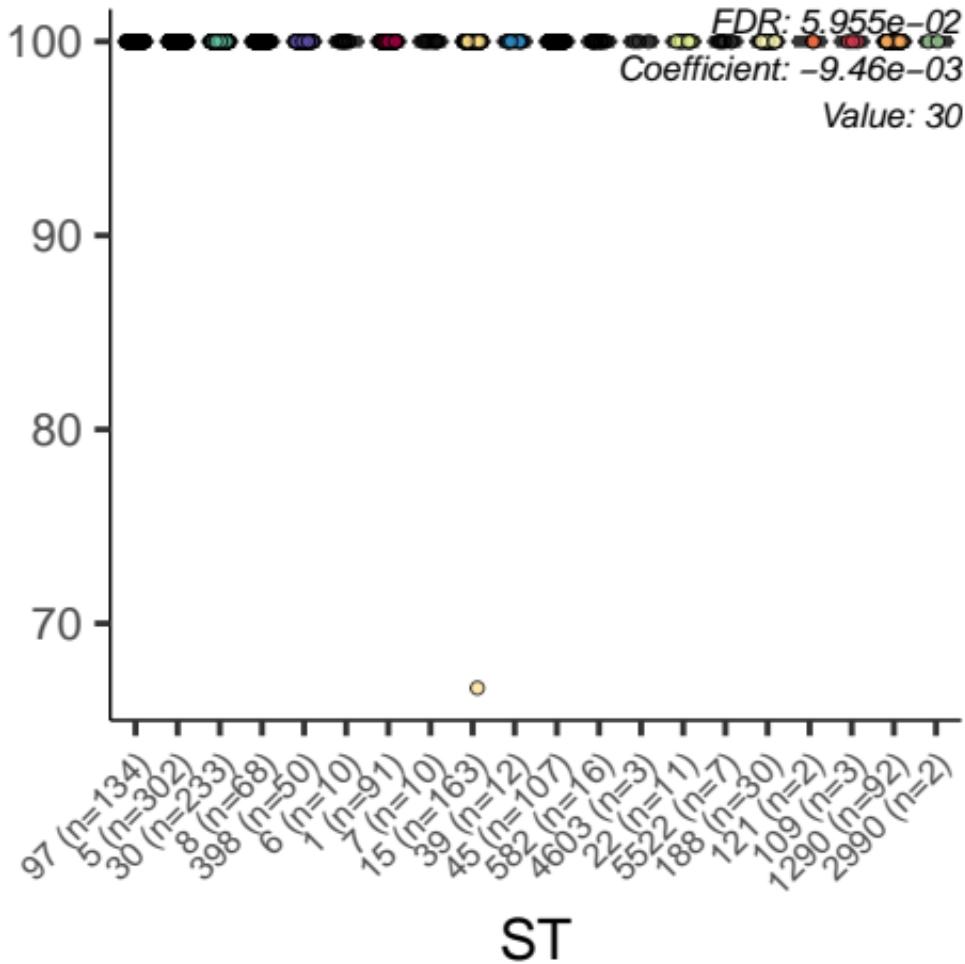


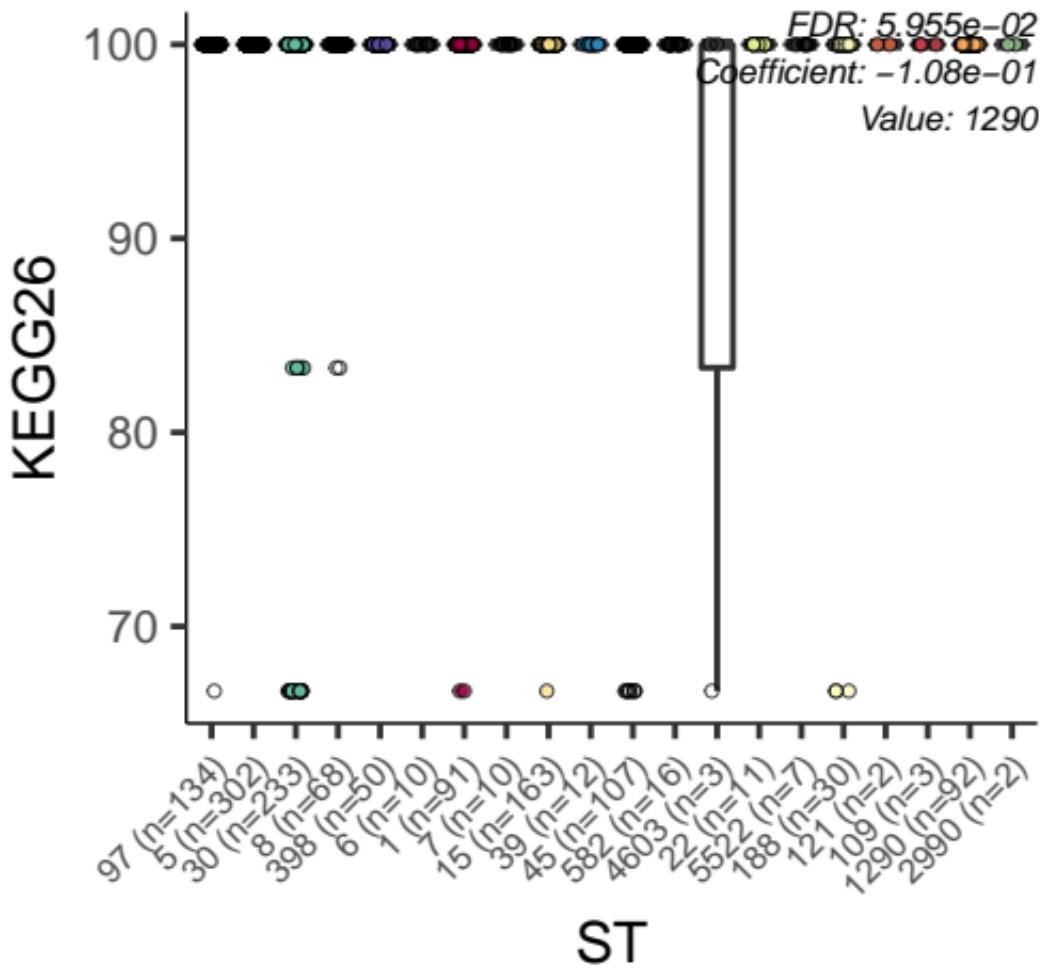




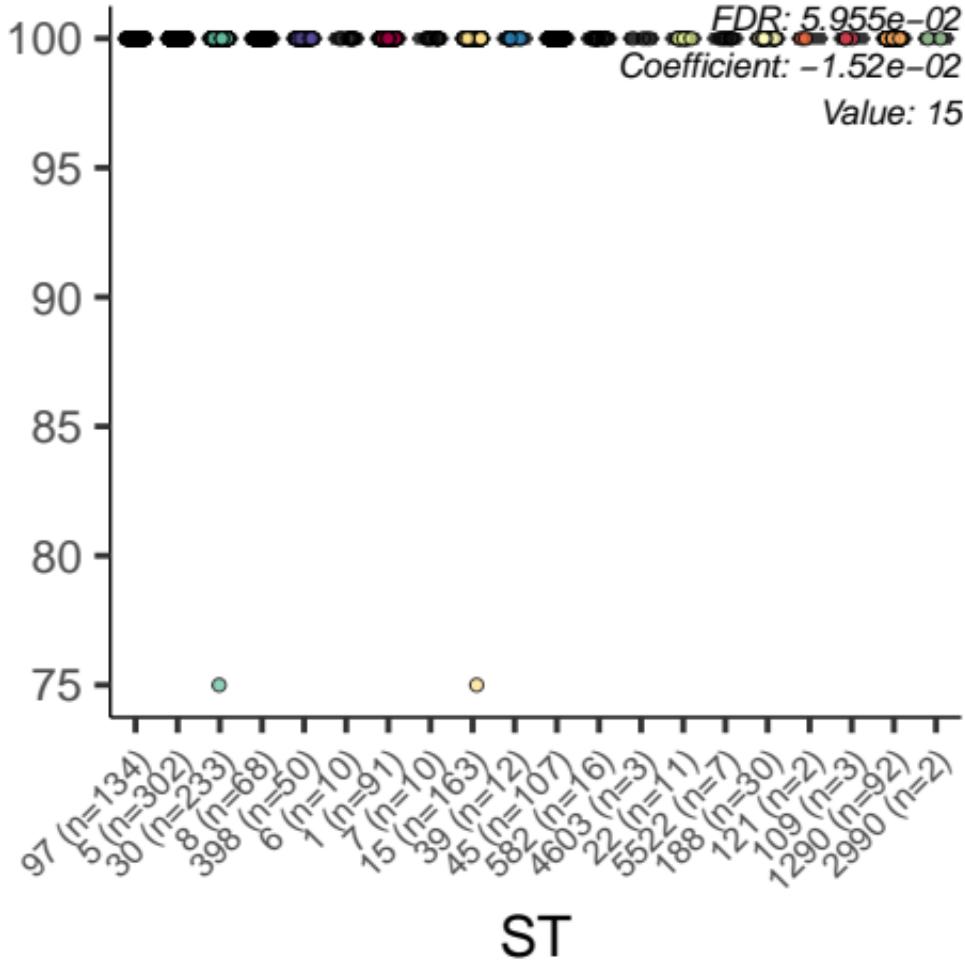


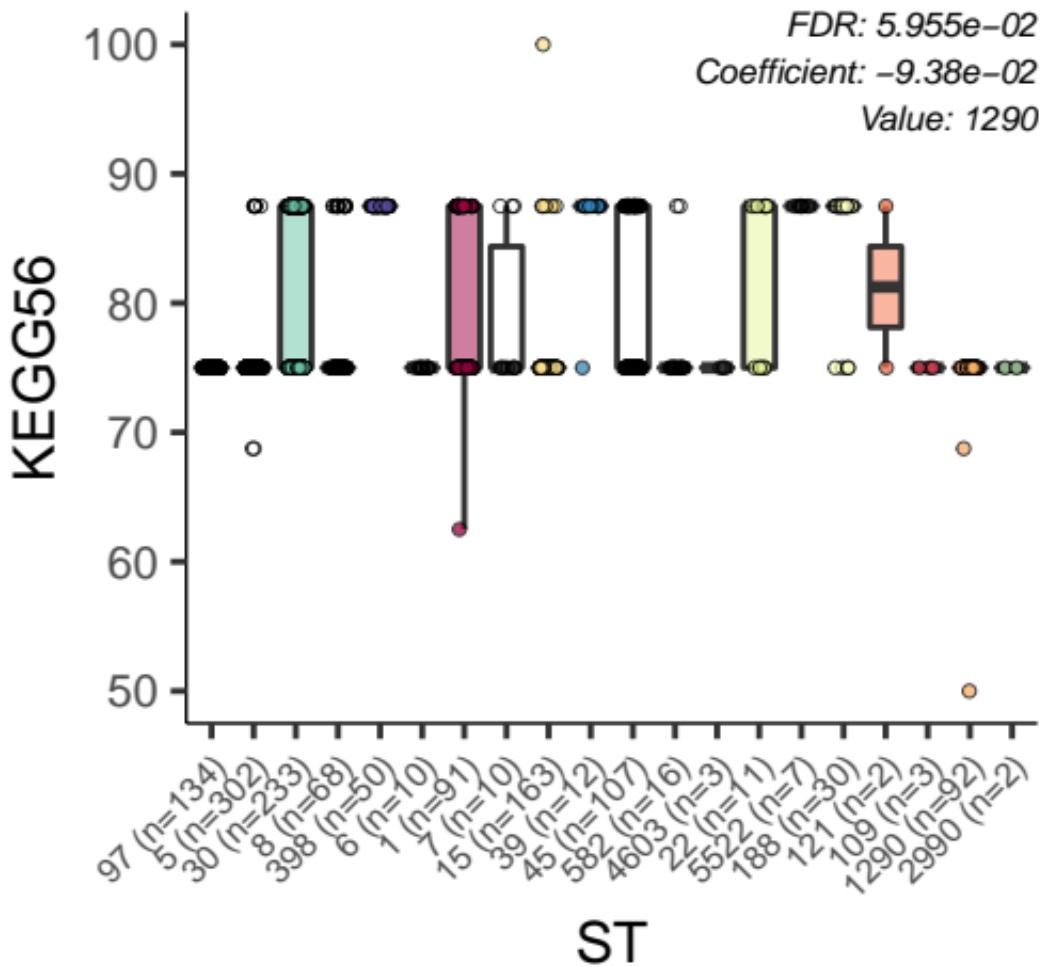
KEGG22

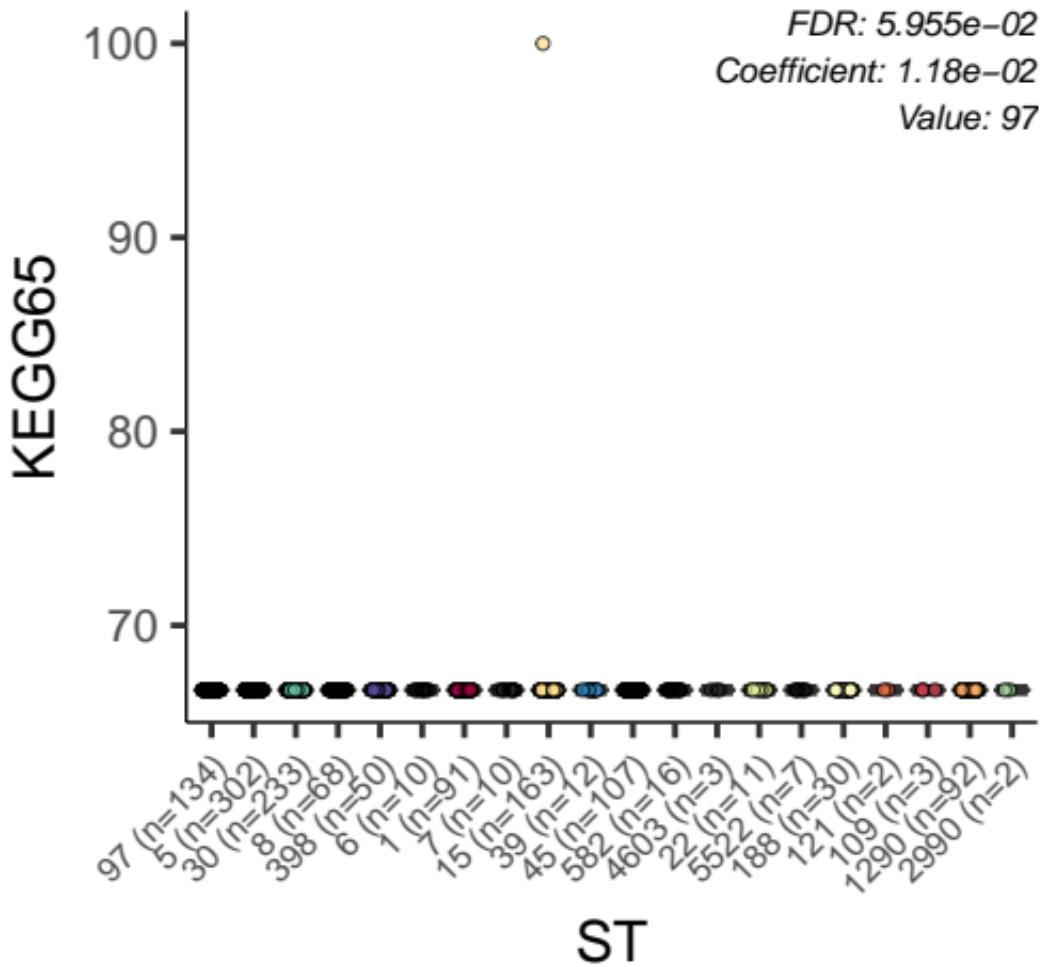


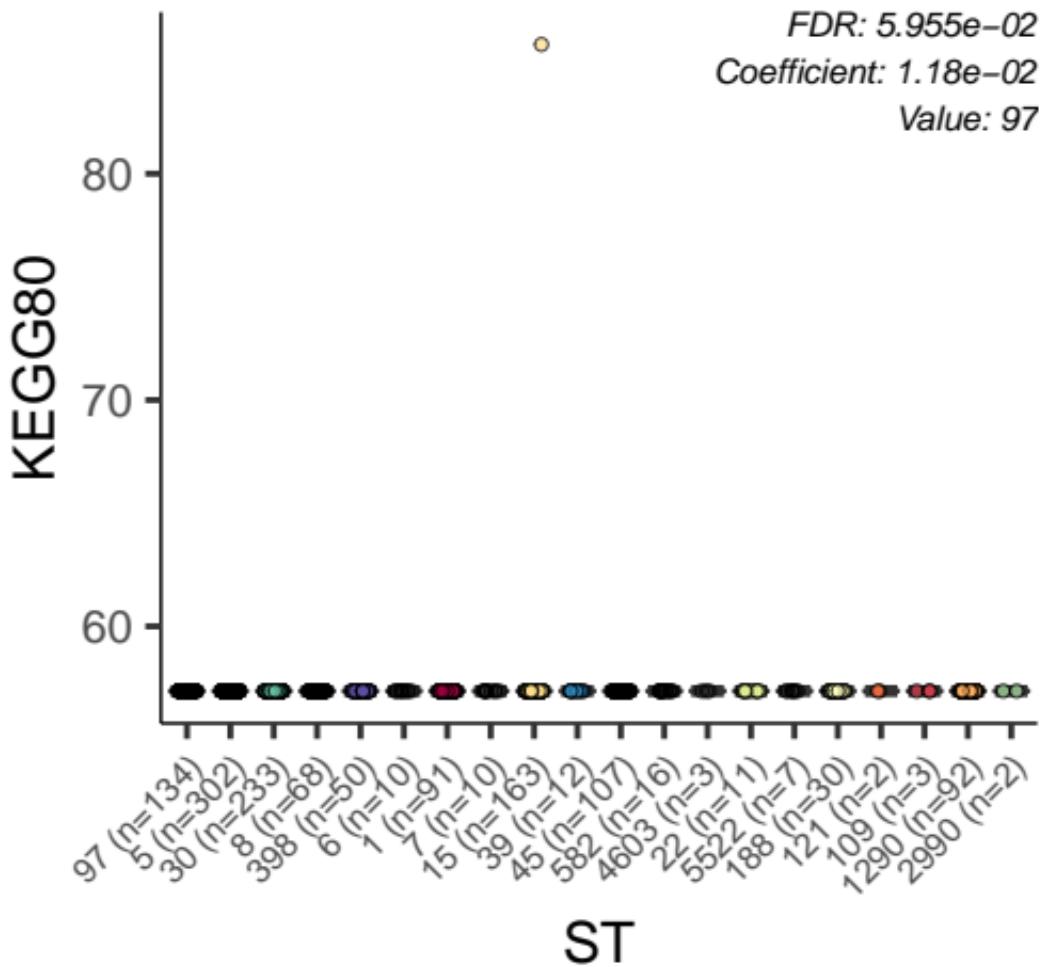


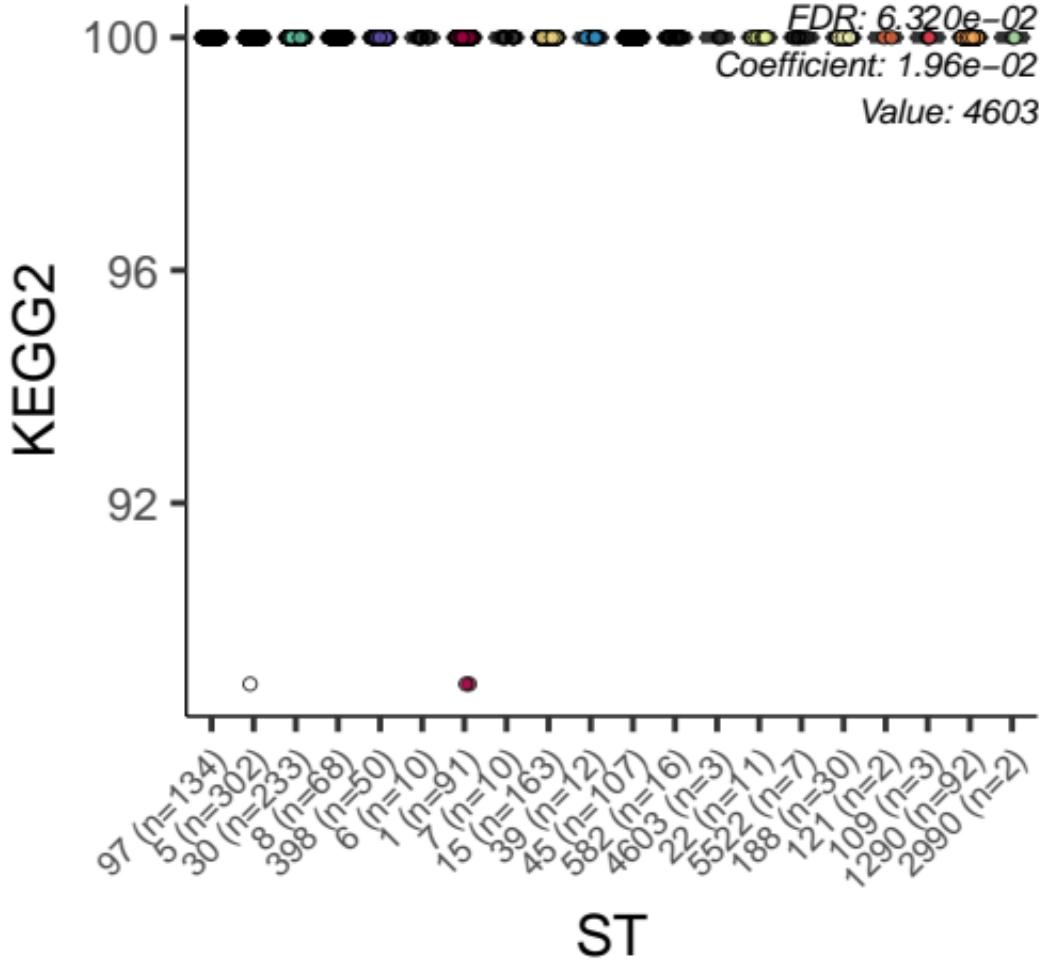
KEGG27

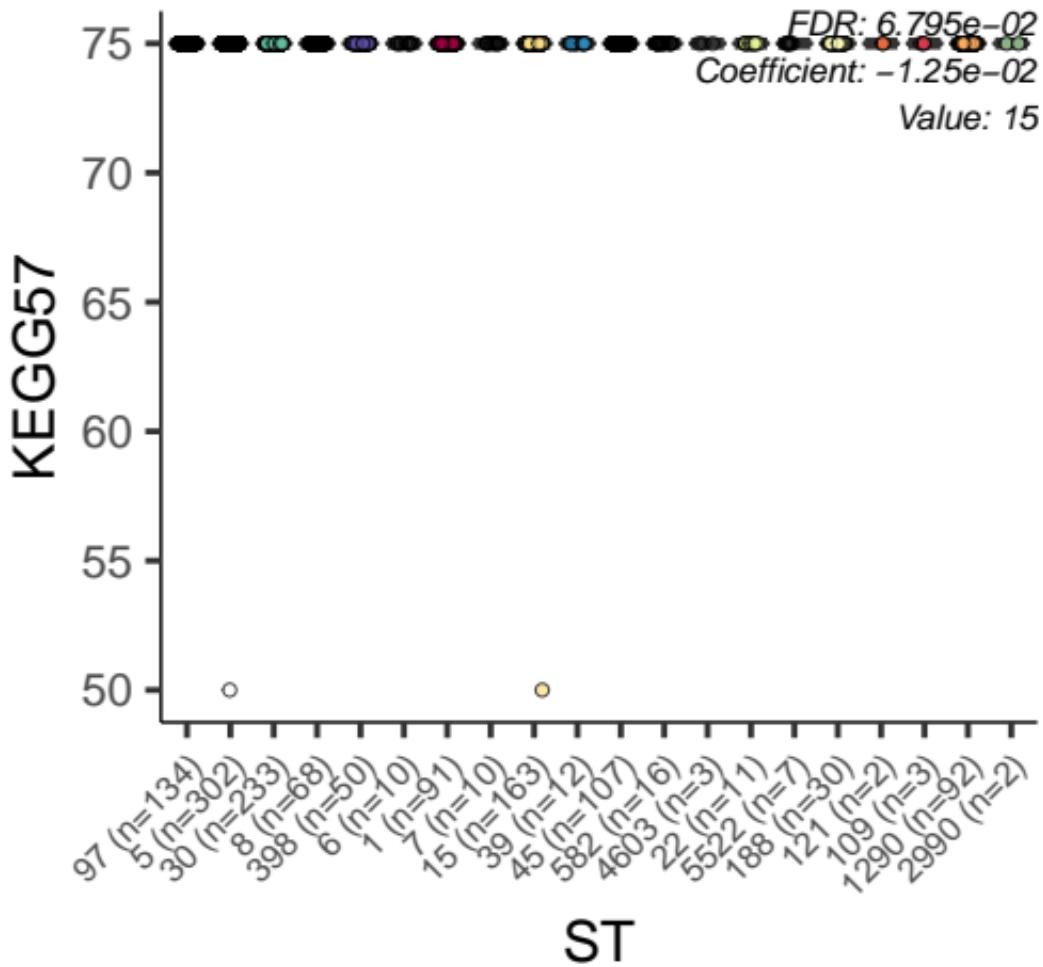


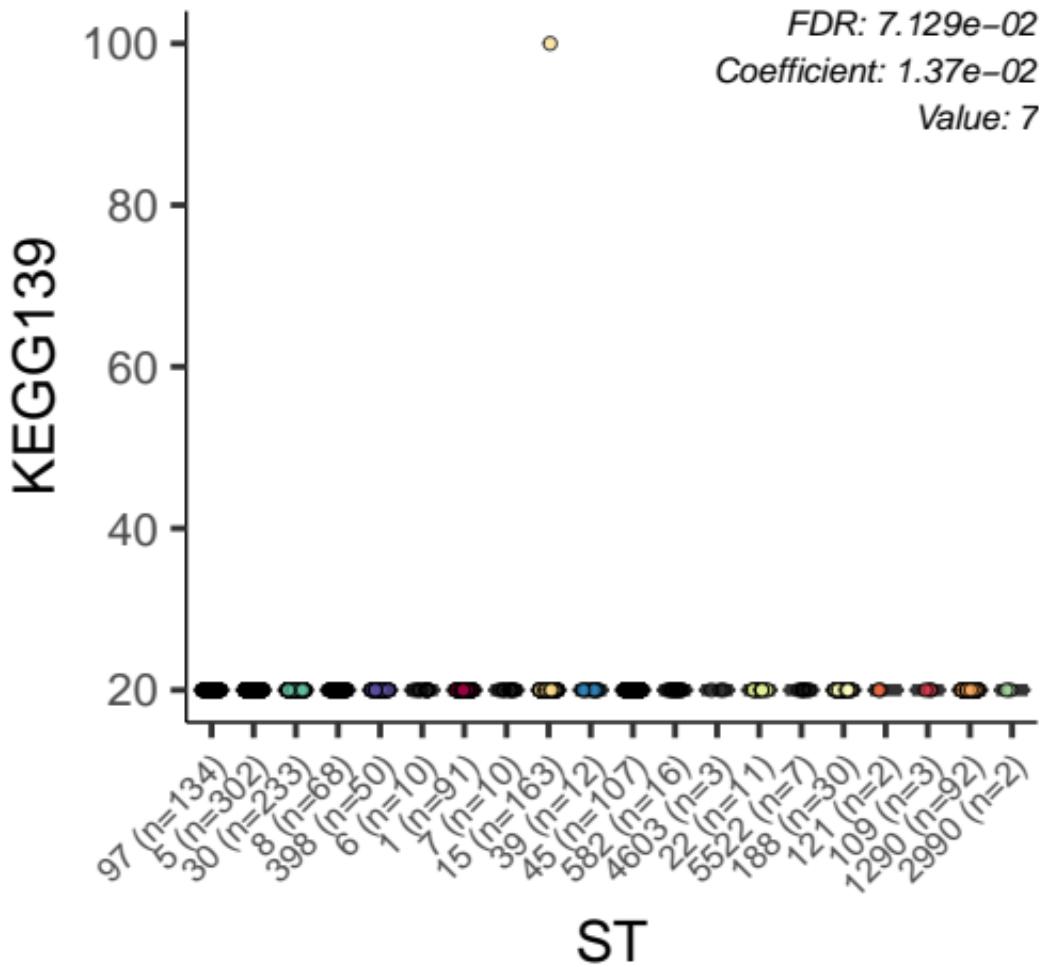


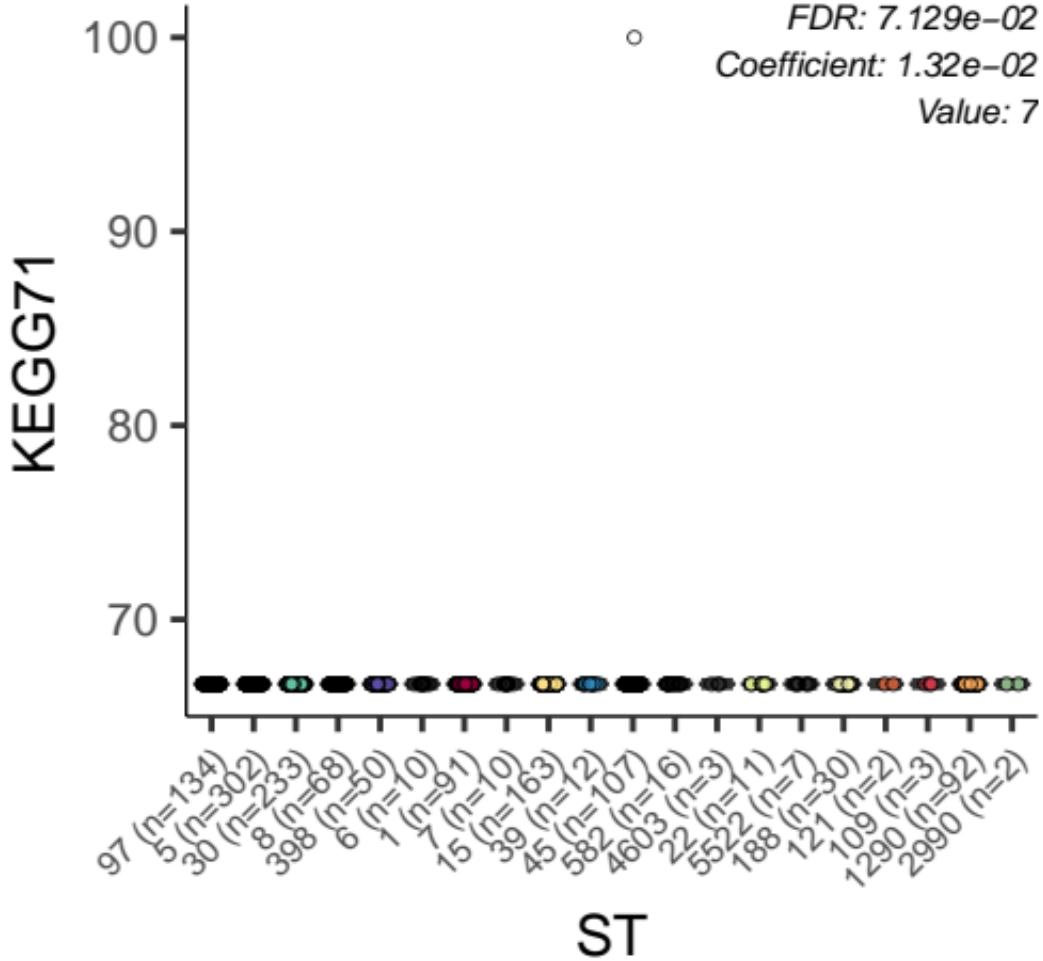


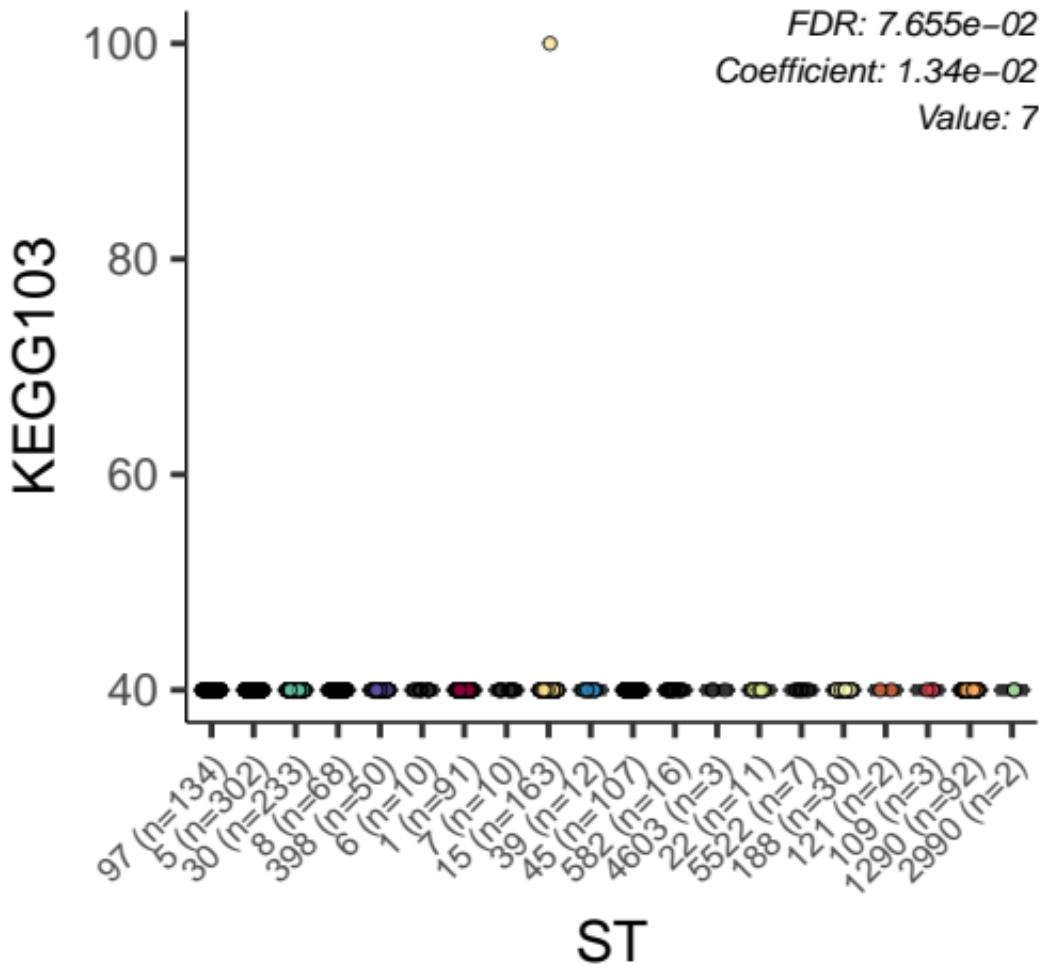


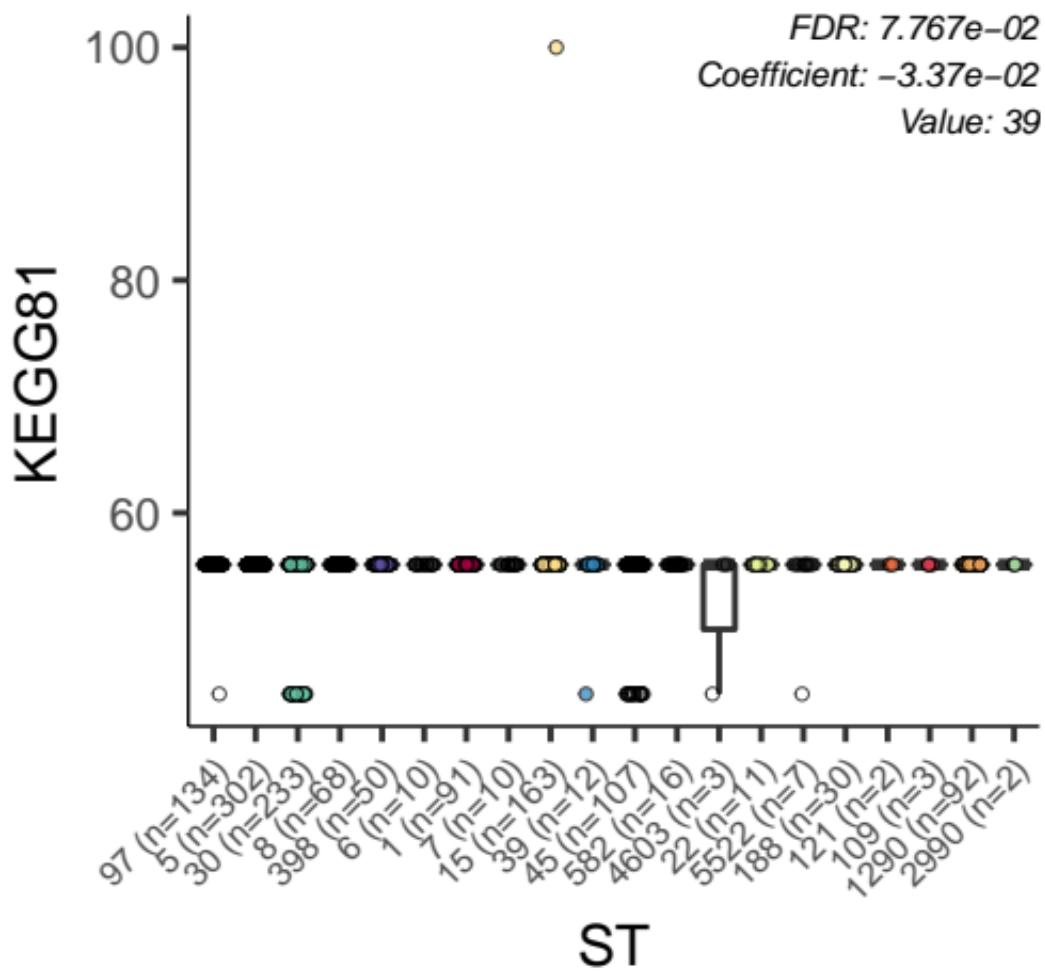


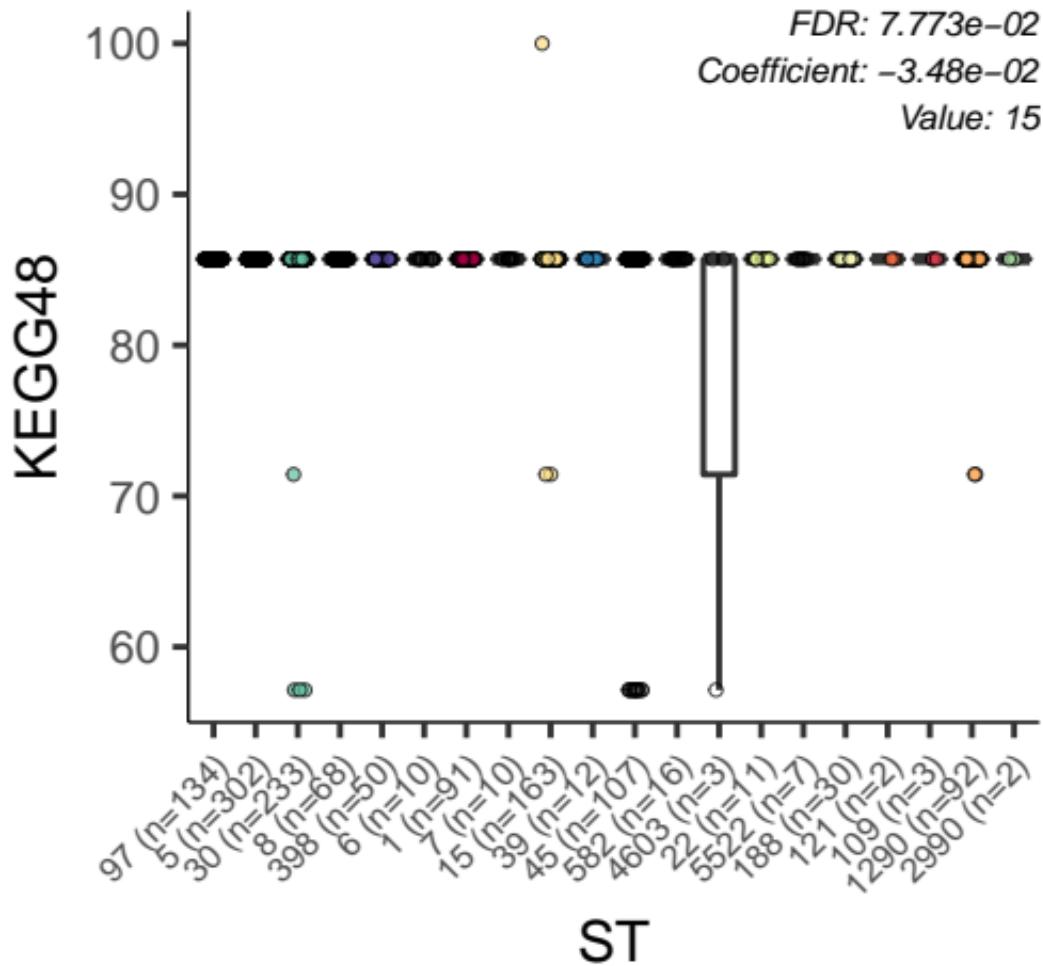


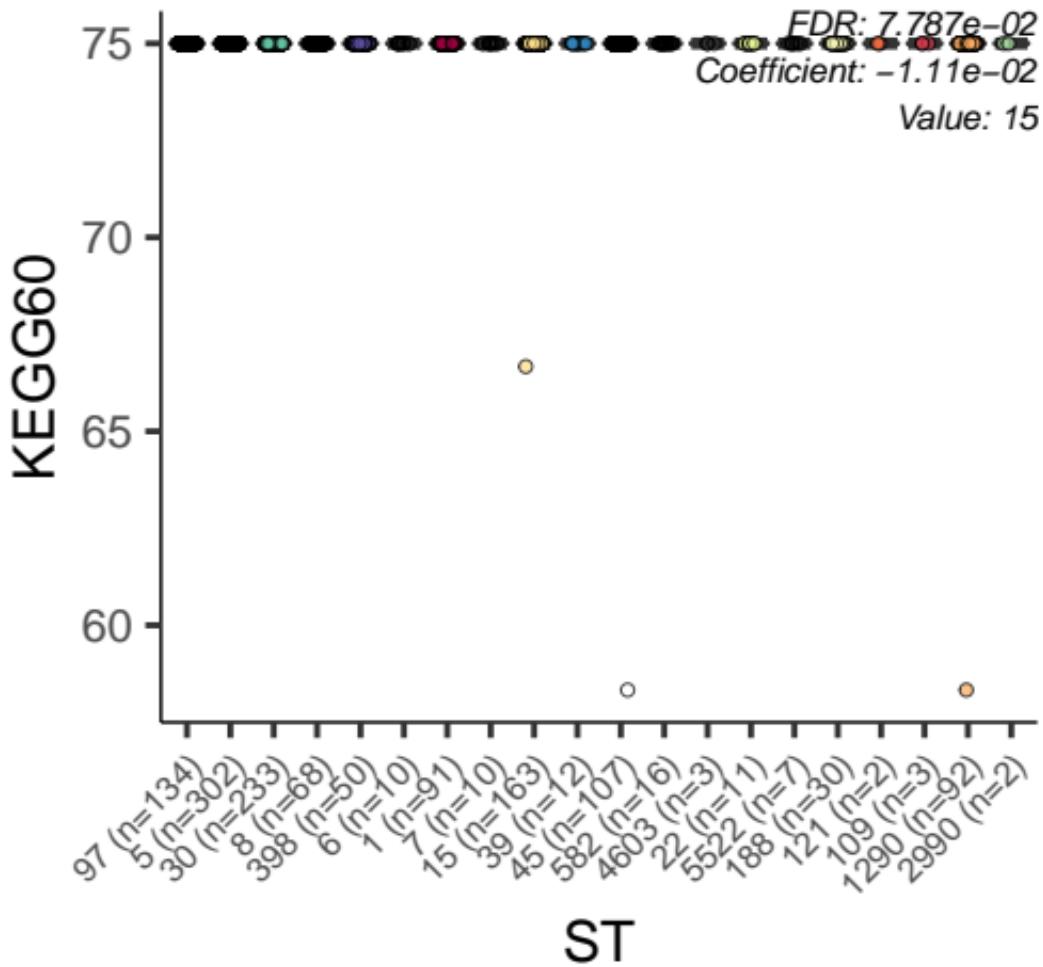


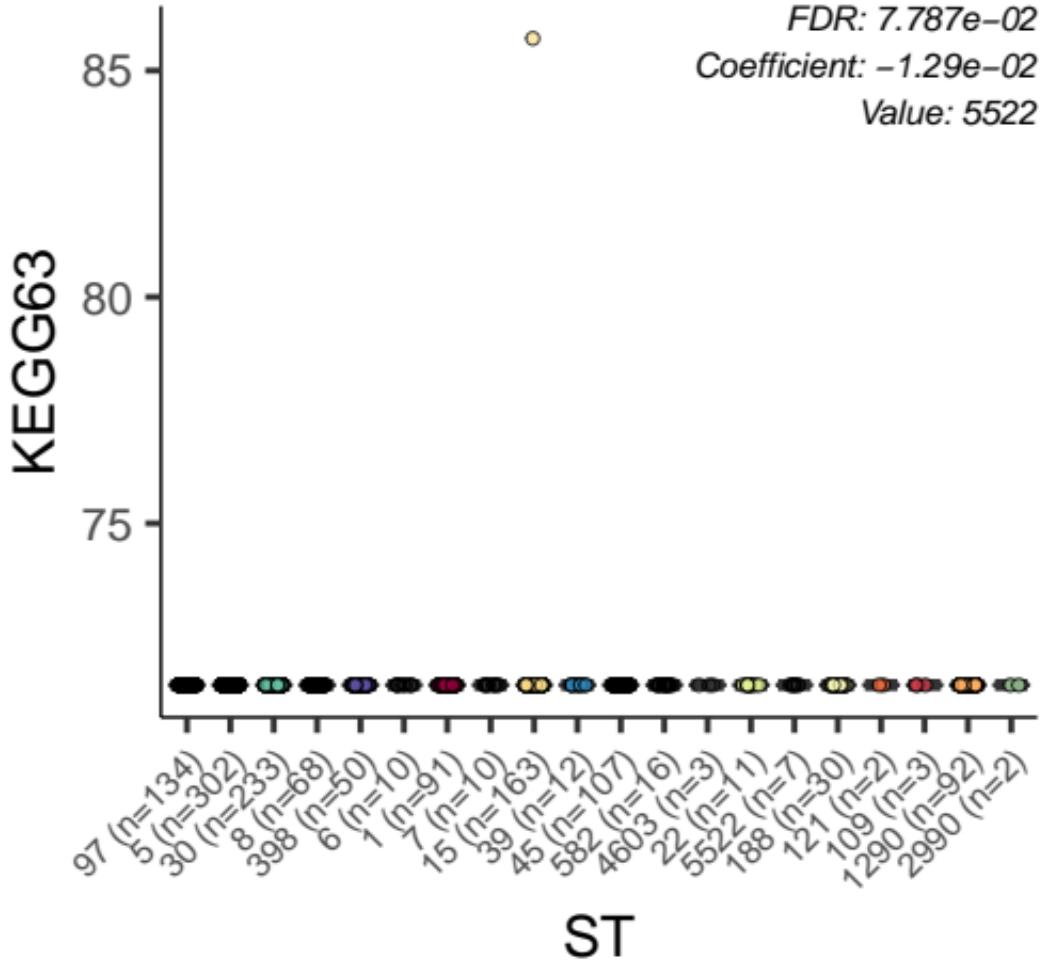


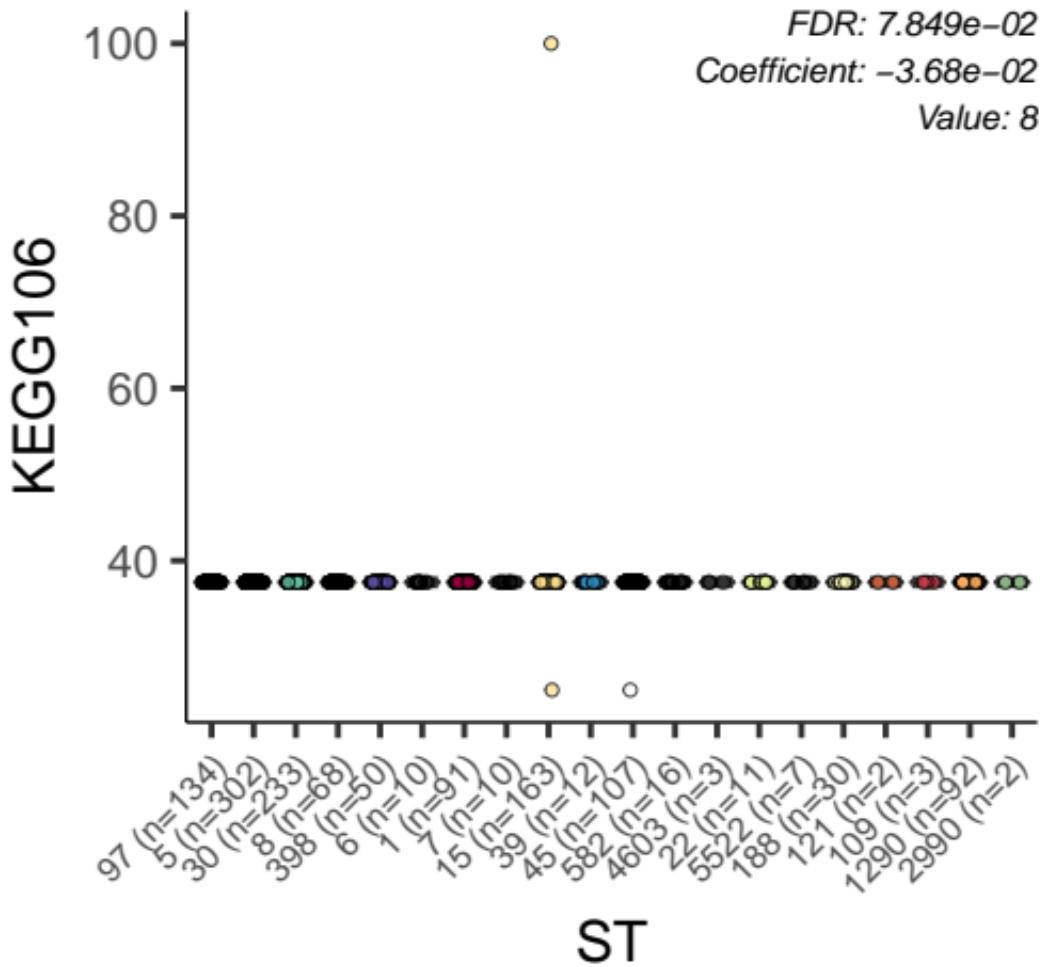












KEGG49

85

80

75

FDR: 7.887e-02

Coefficient: -1.09e-02

Value: 15

ST

97 (n=134)

5 (n=302)

30 (n=233)

3 (n=68)

398 (n=50)

6 (n=10)

1 (n=91)

15 (n=10)

39 (n=163)

45 (n=12)

582 (n=107)

4603 (n=16)

5522 (n=3)

22 (n=11)

188 (n=1)

121 (n=30)

109 (n=2)

1290 (n=3)

2990 (n=2)

FDR: 8.100e-02
Coefficient: -1.28e-02
Value: 5522

KEGG74

72.5

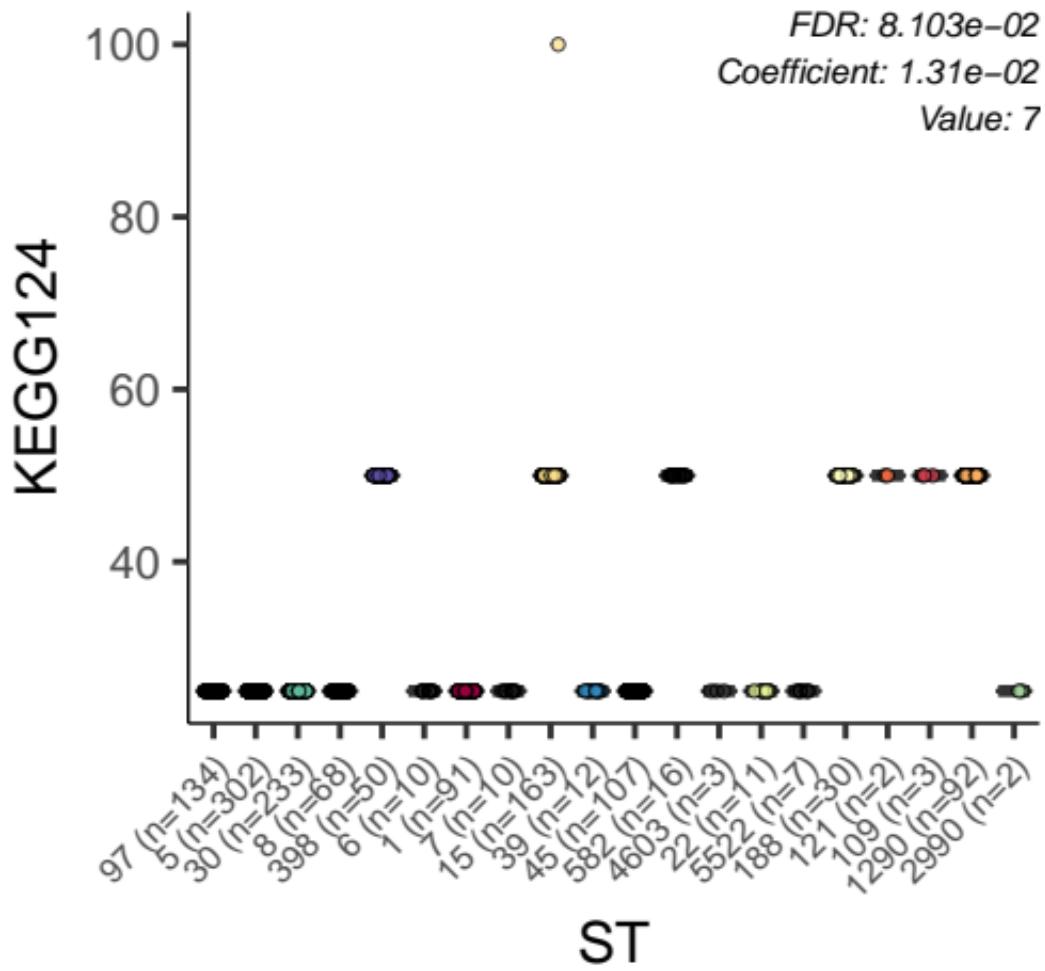
70.0

67.5

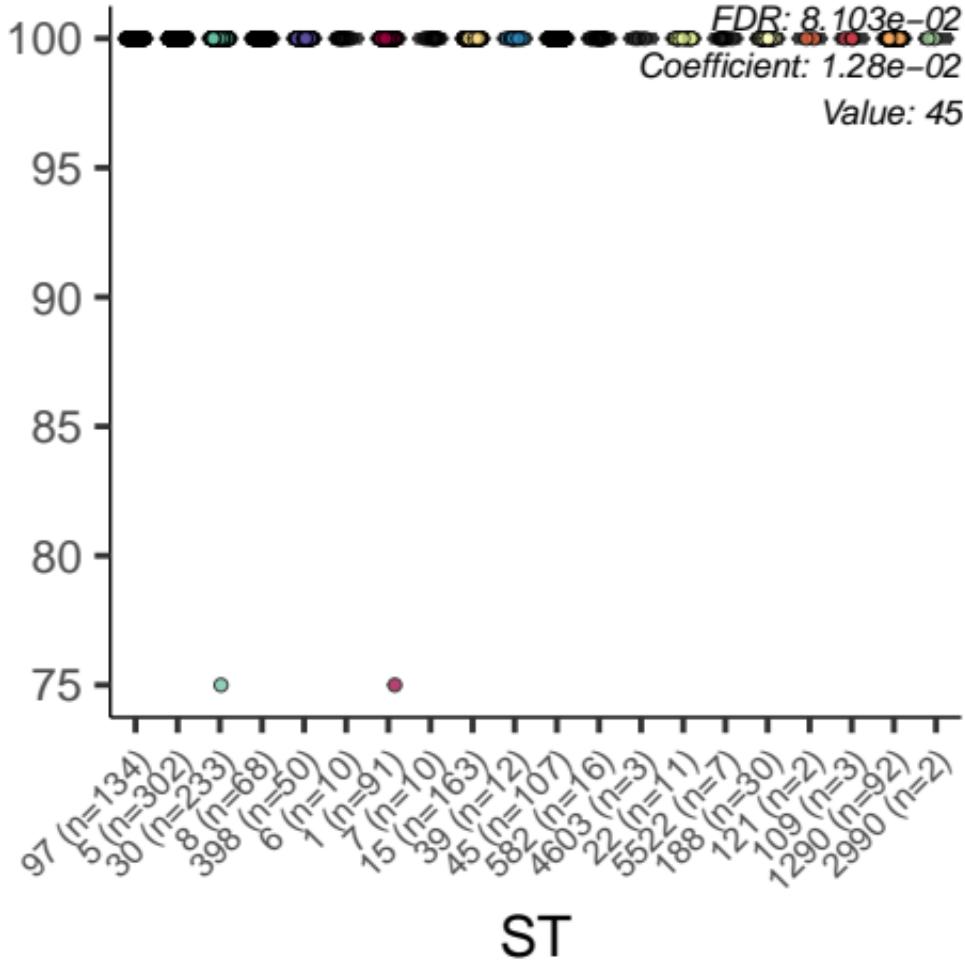
65.0

97 (n=134)
5 (n=302)
30 (n=233)
38 (n=68)
398 (n=50)
6 (n=10)
1 (n=91)
15 (n=10)
39 (n=163)
35 (n=121)
582 (n=107)
4603 (n=16)
222 (n=3)
111 (n=1)
188 (n=30)
121 (n=2)
109 (n=3)
2990 (n=2)

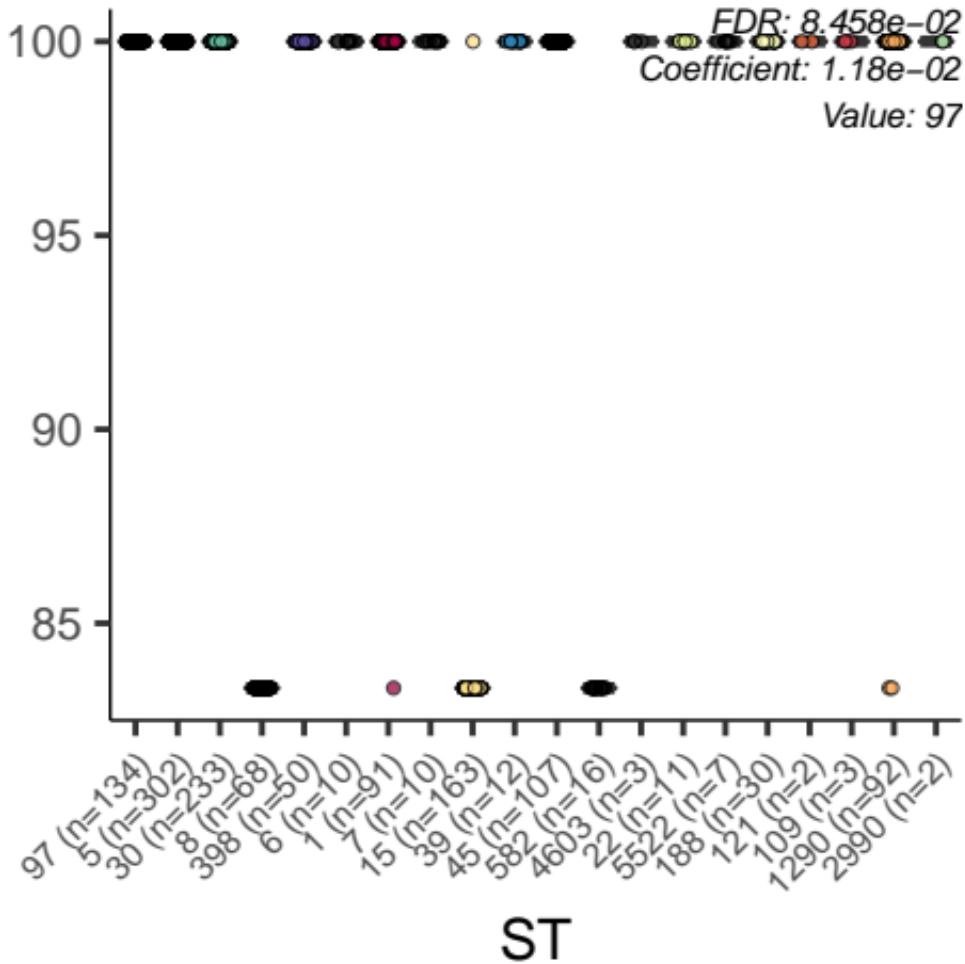
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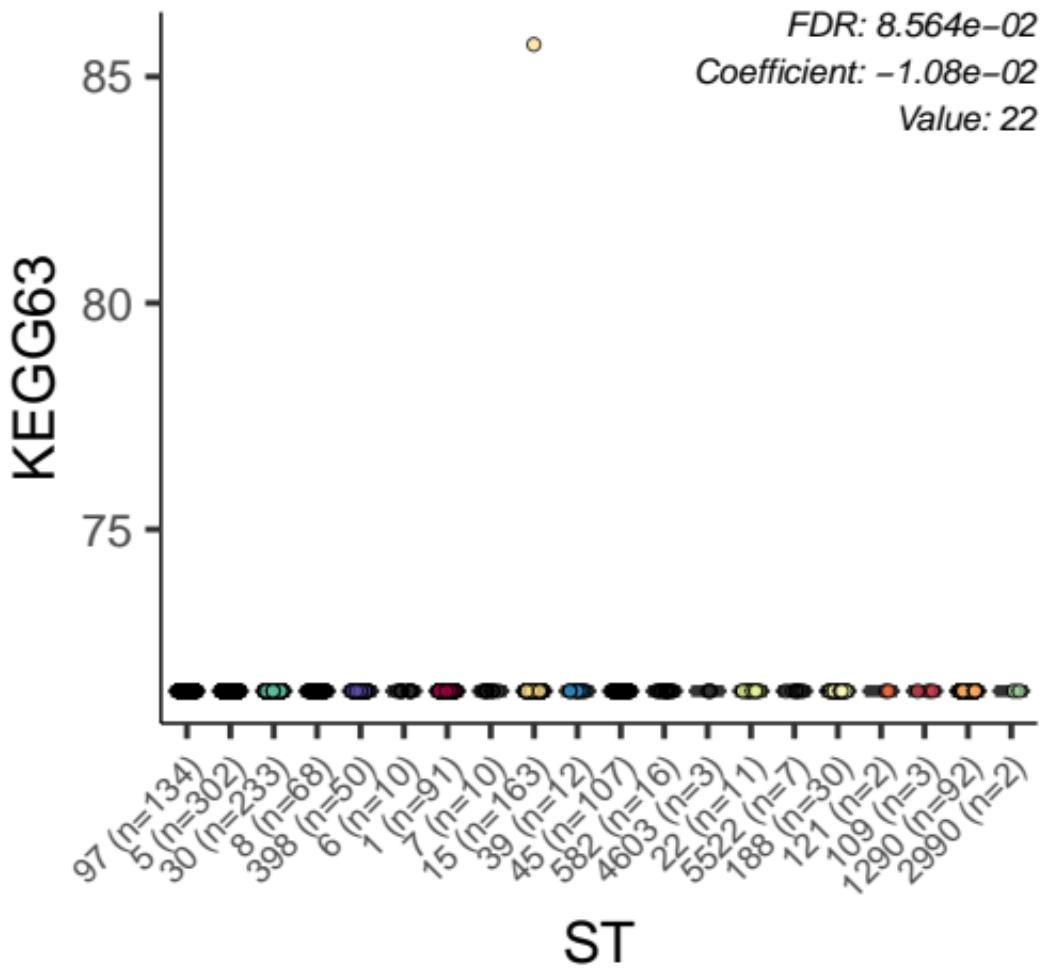


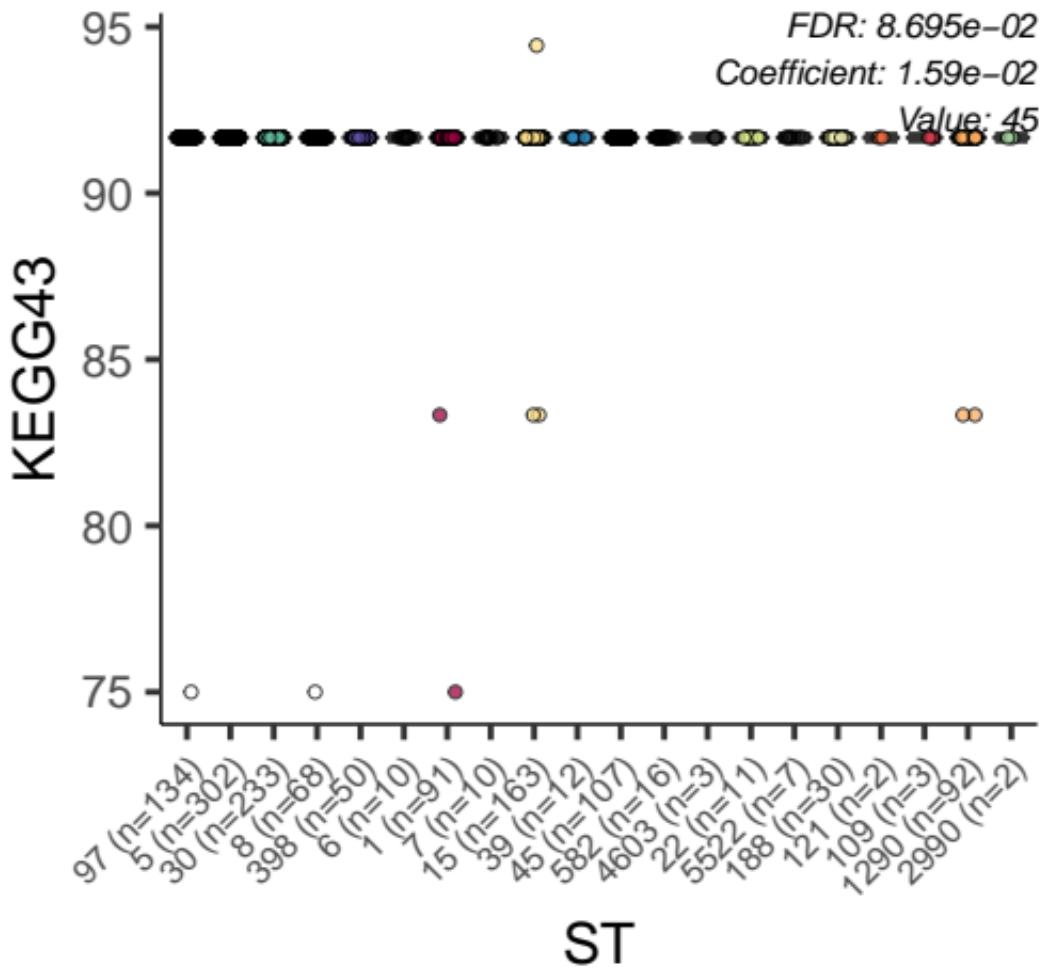
KEGG16

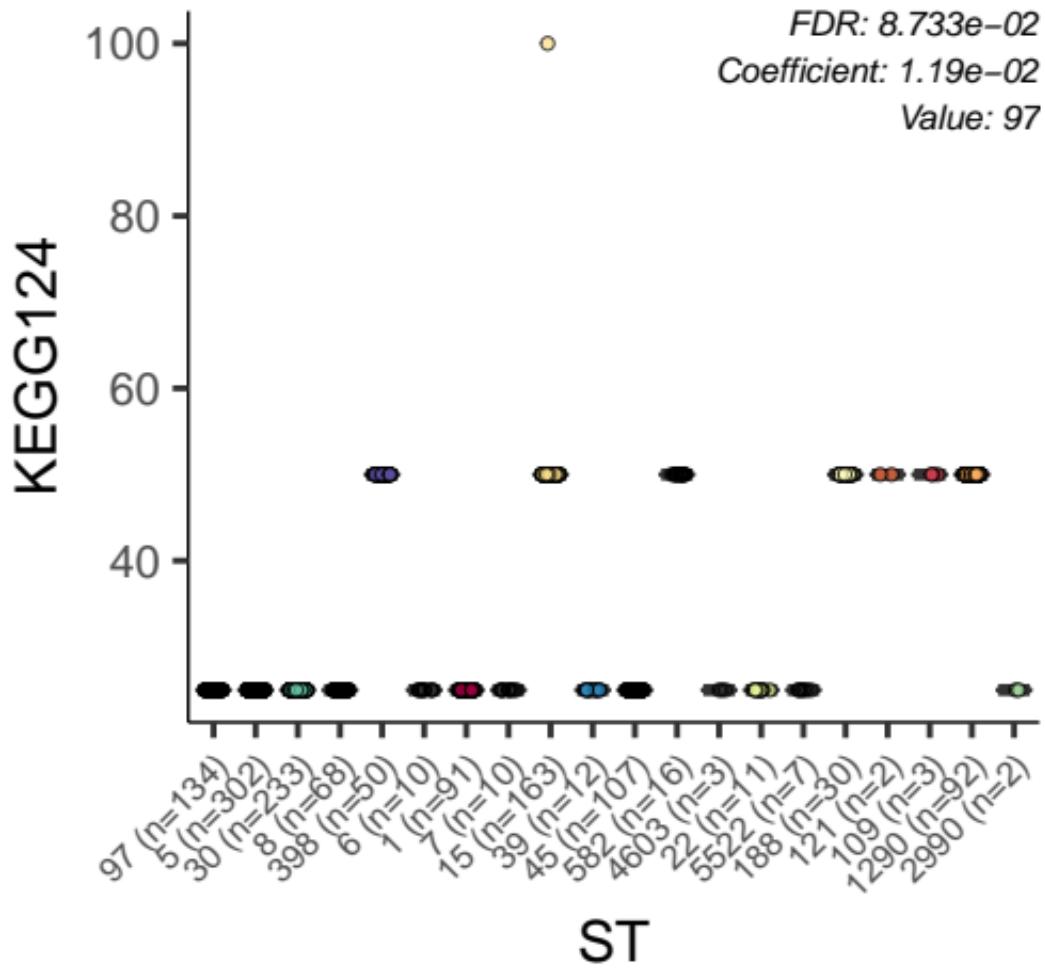


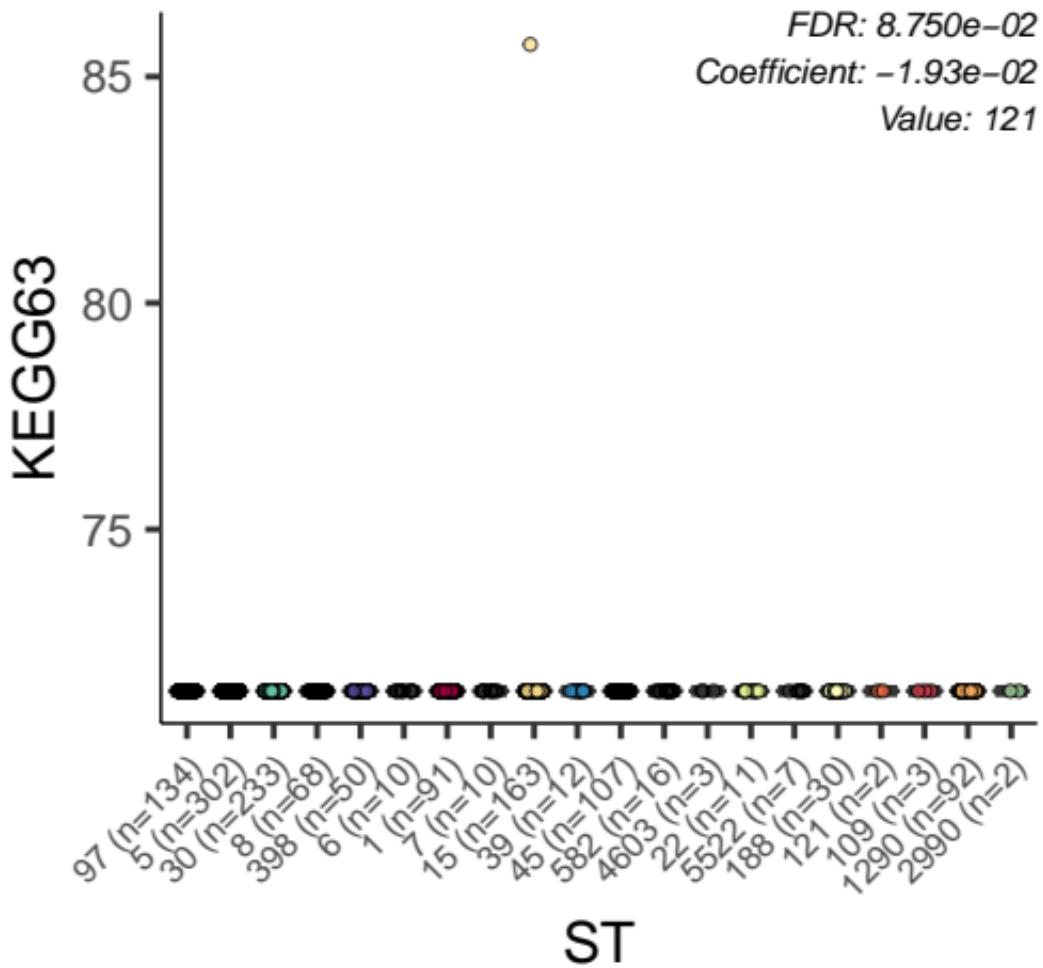
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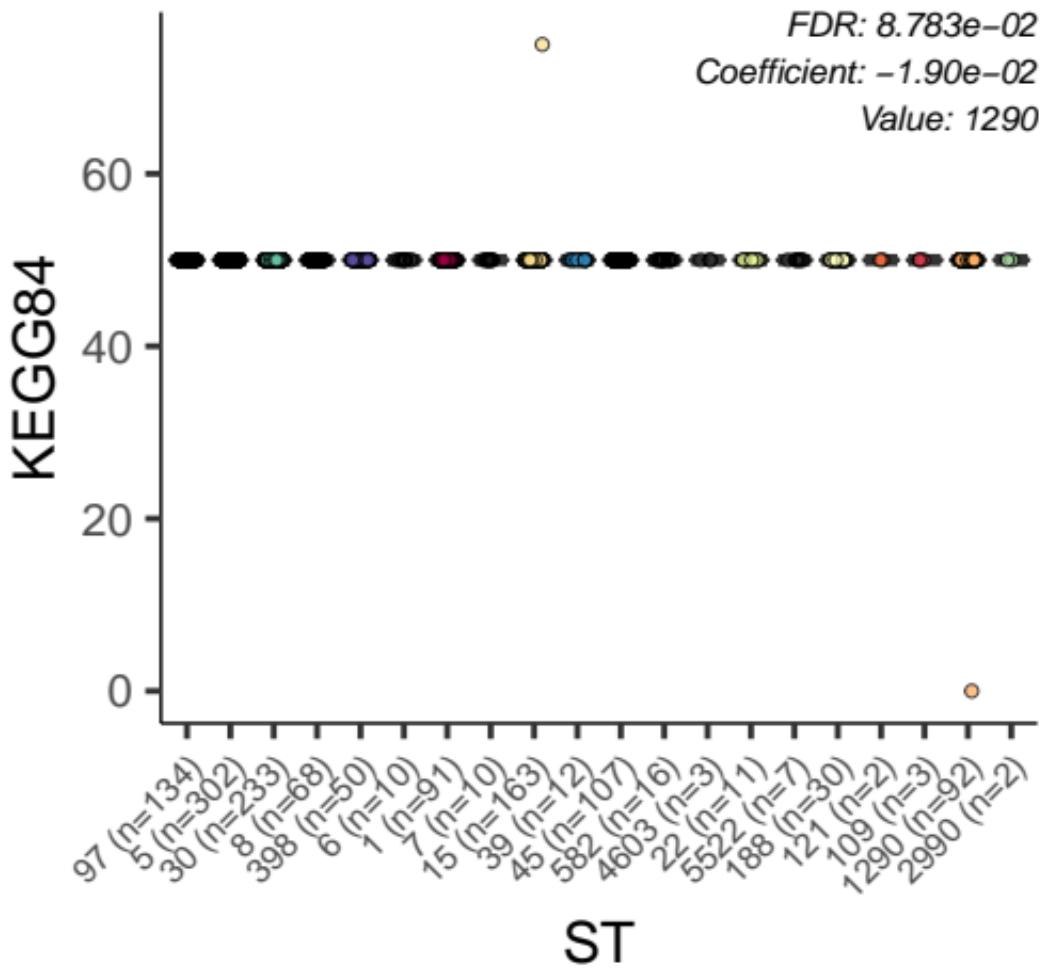


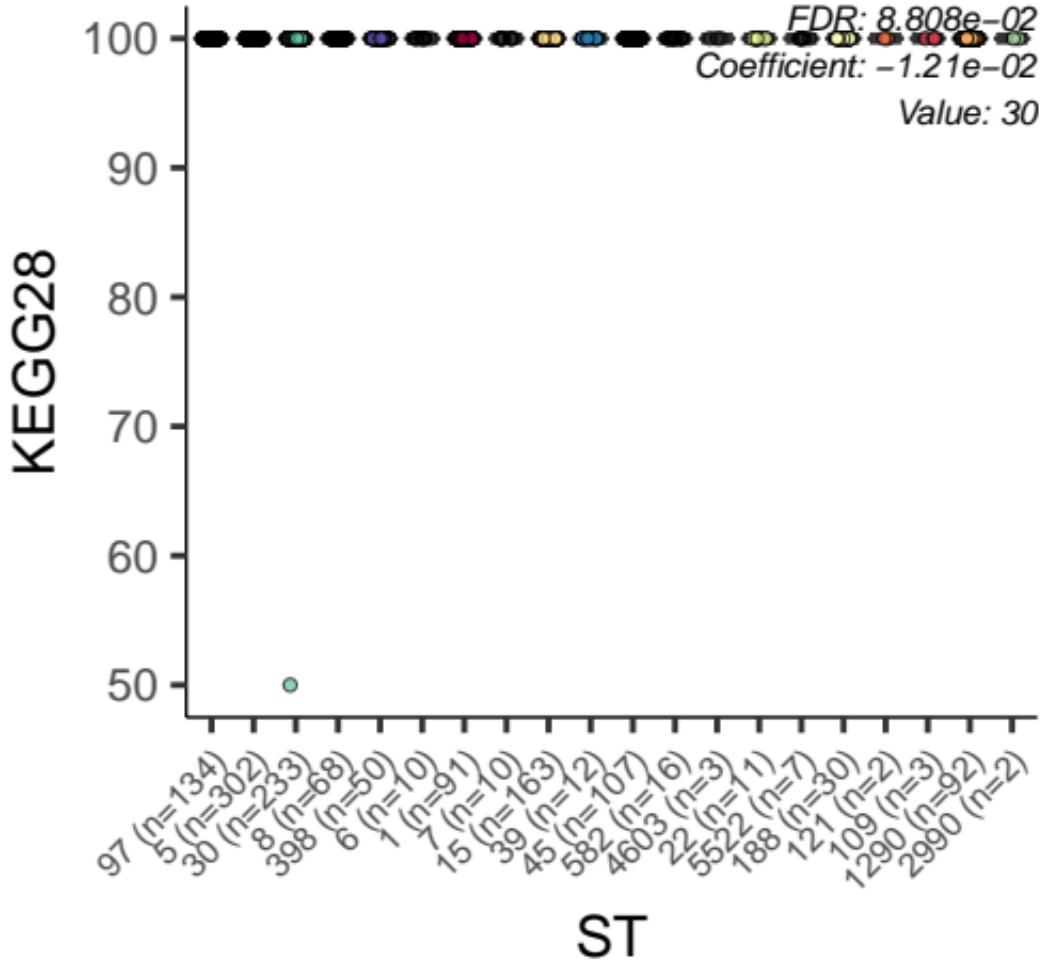


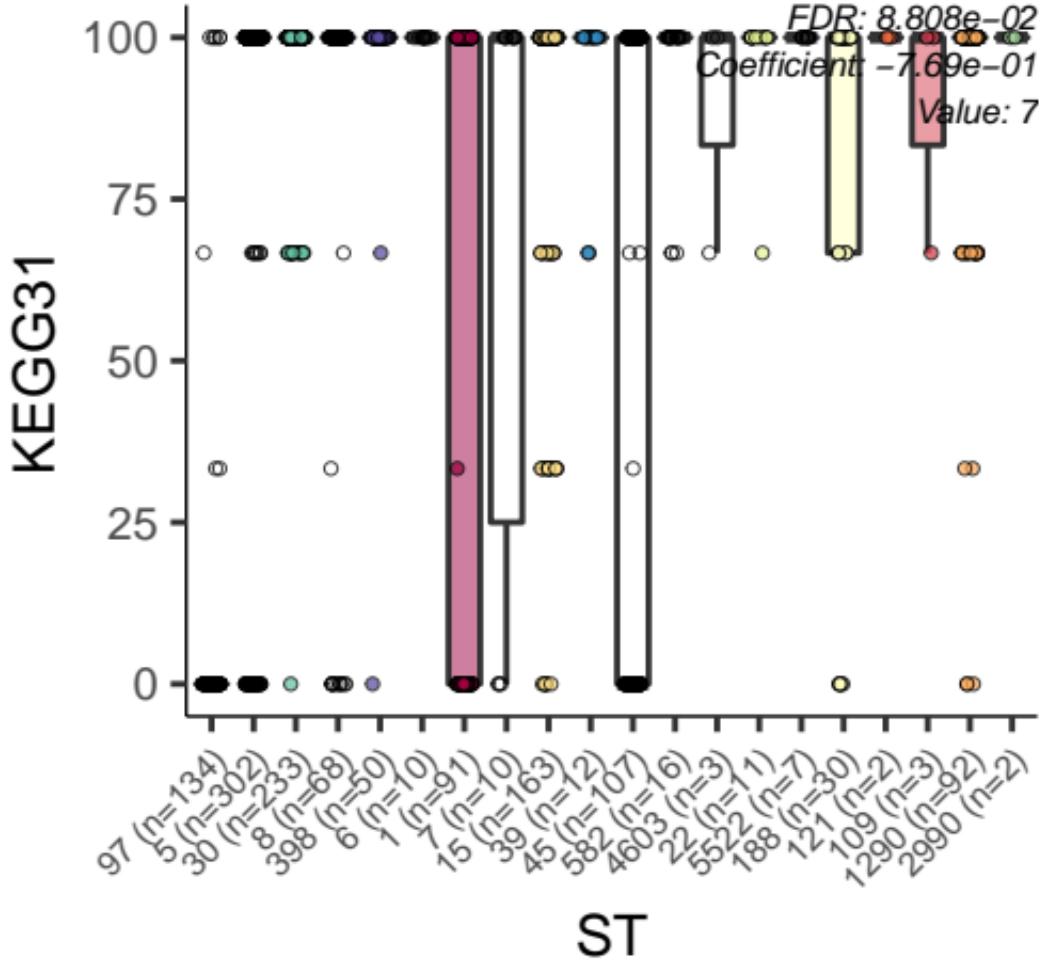


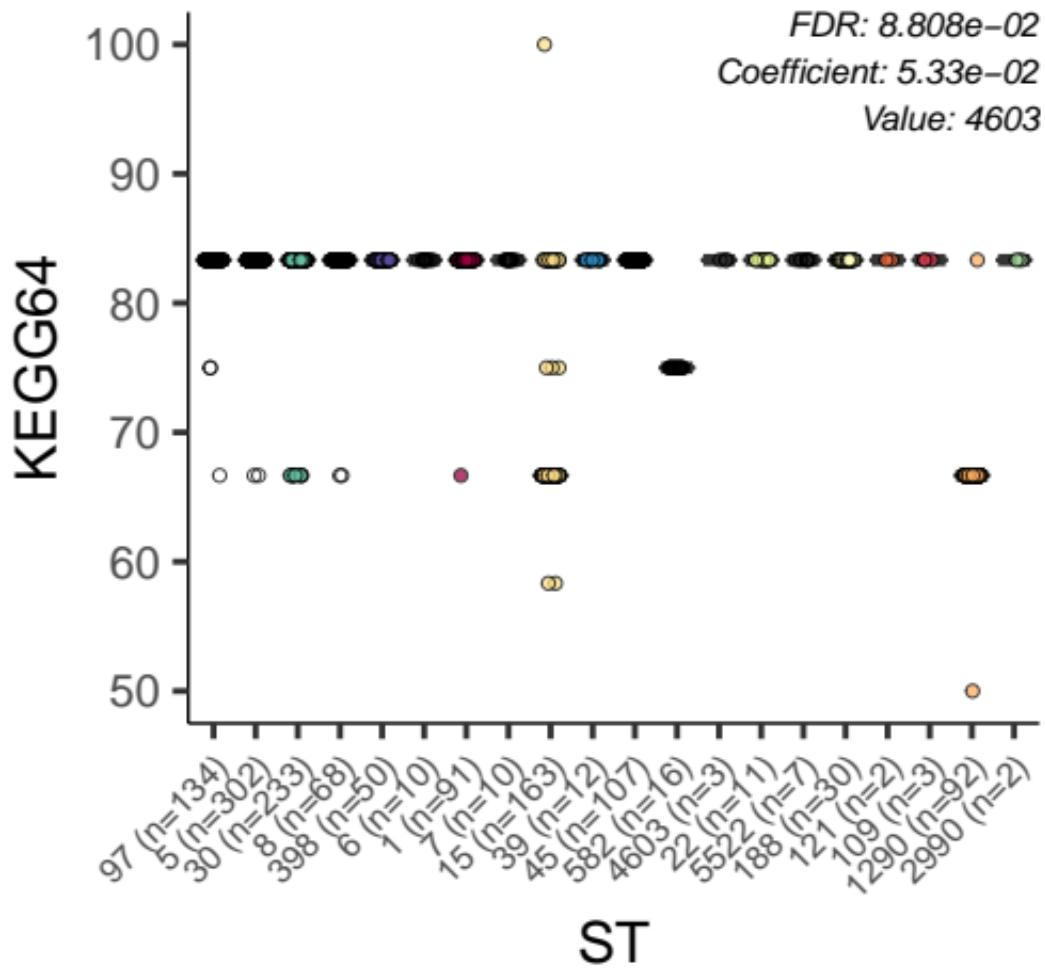


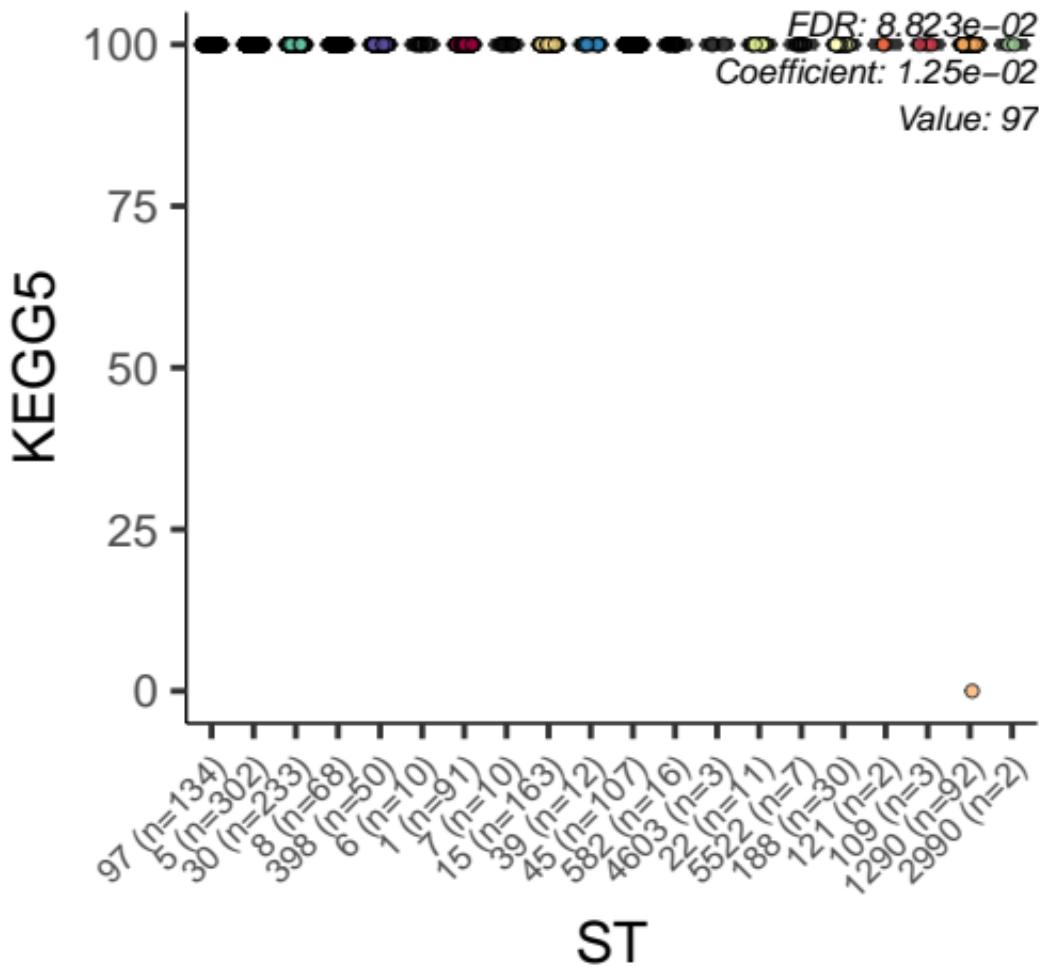




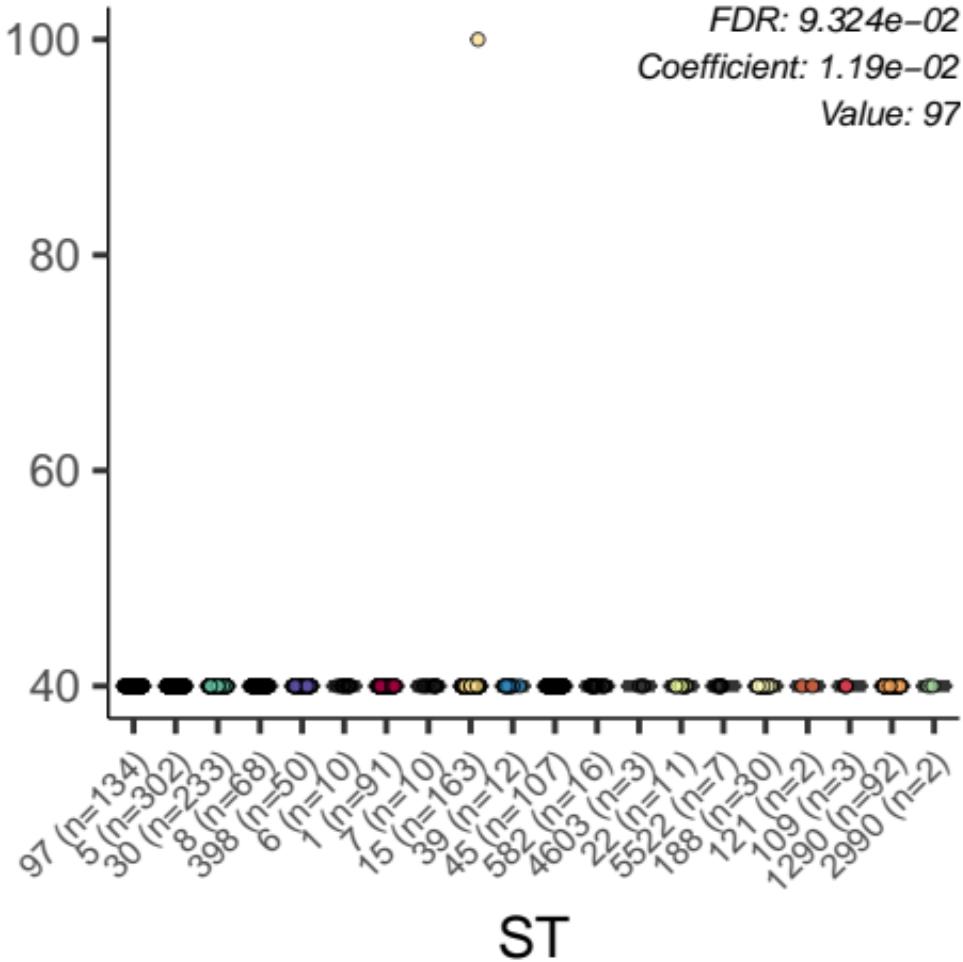




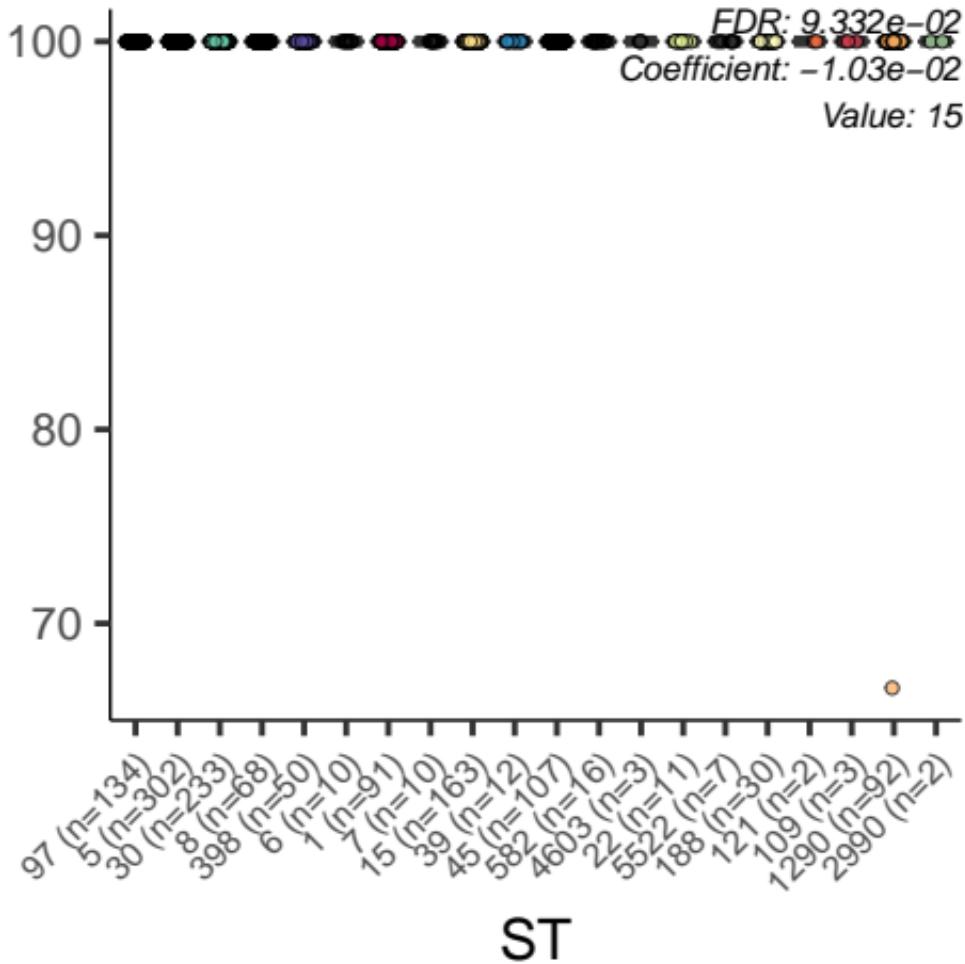


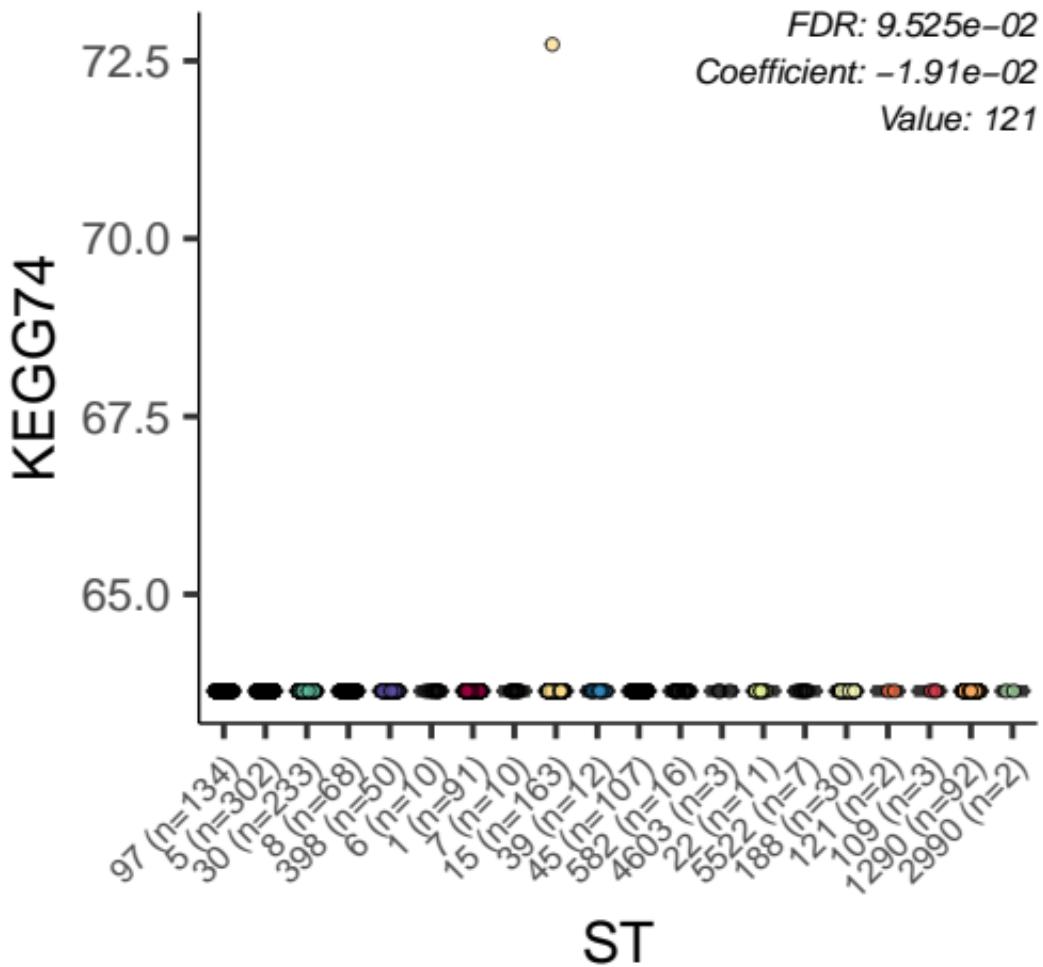


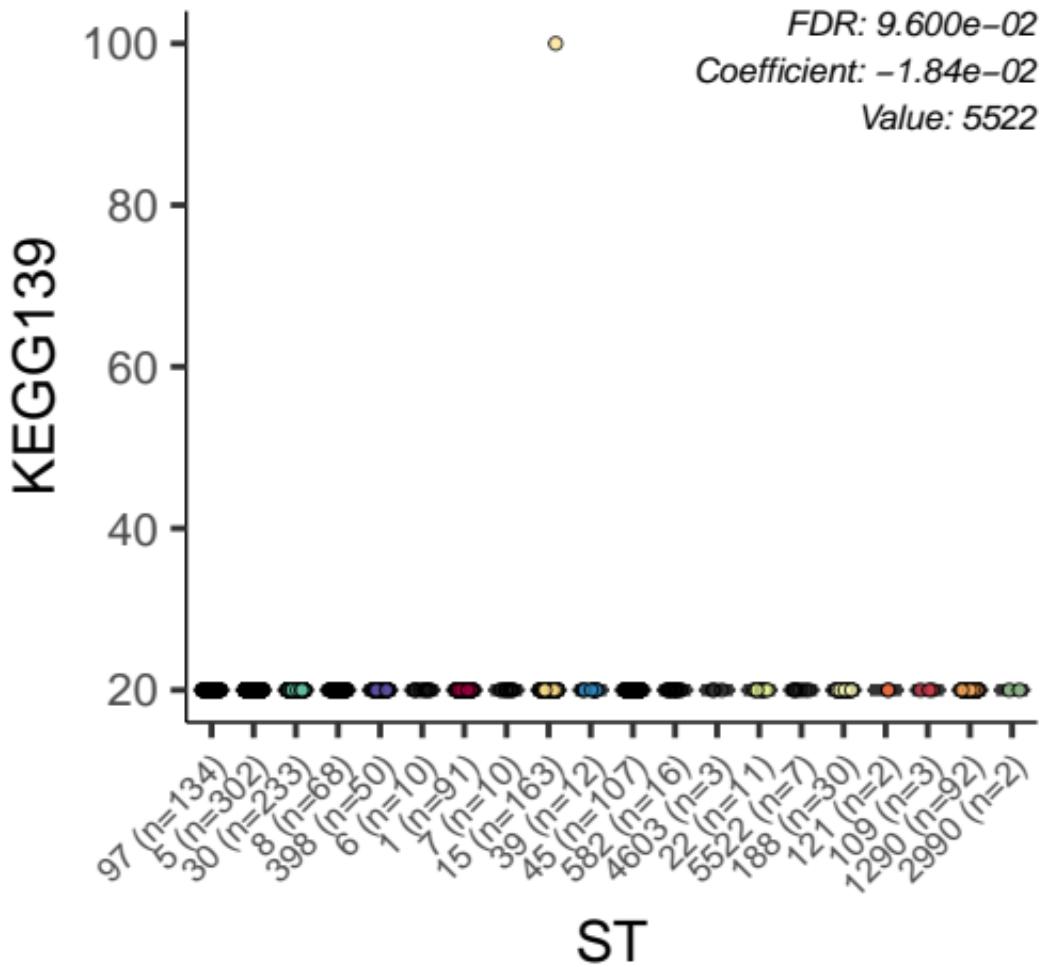
KEGG103

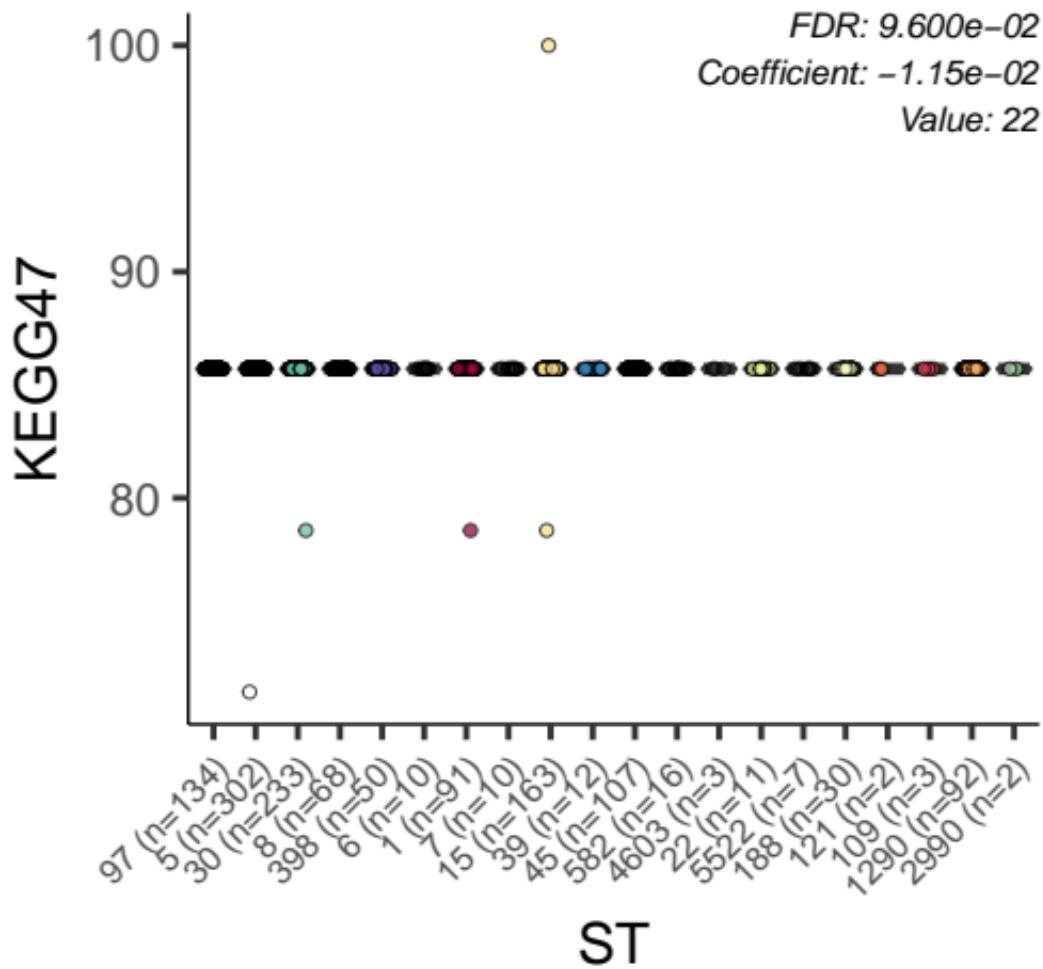


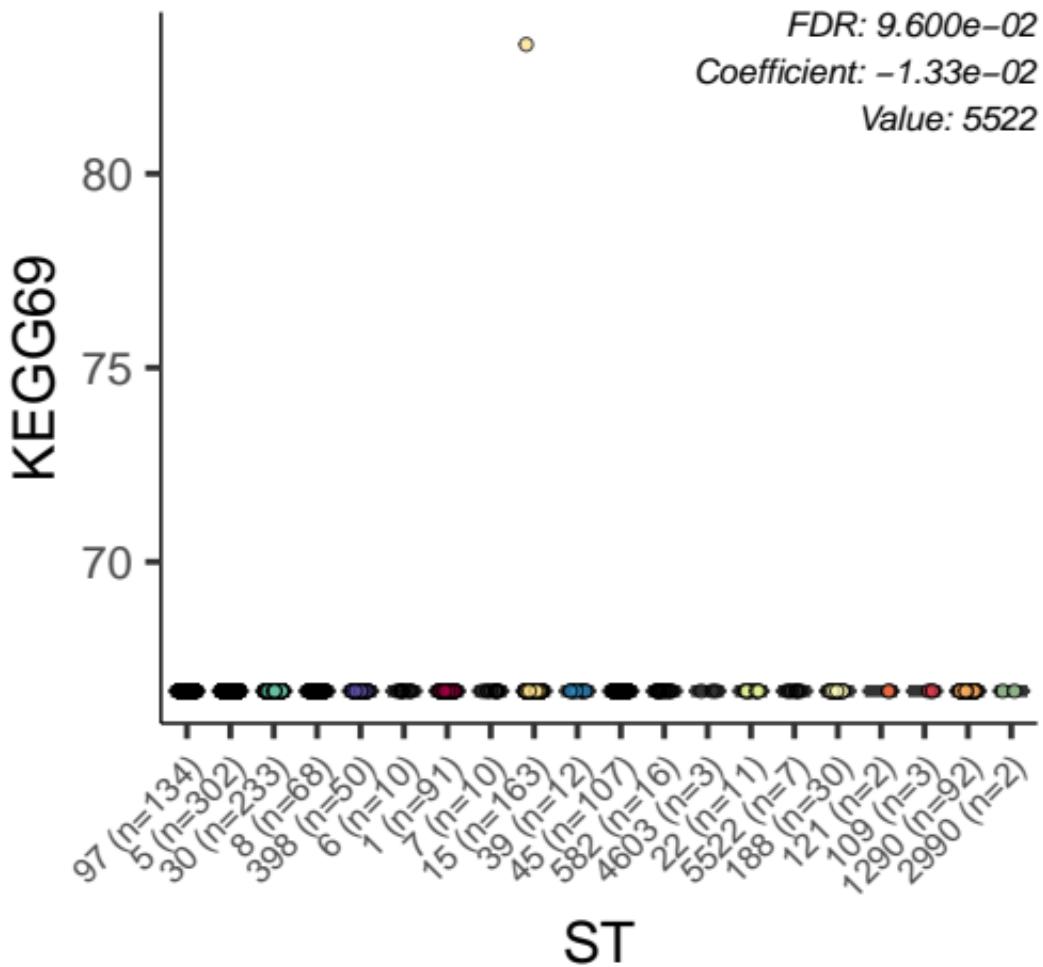
KEGG14

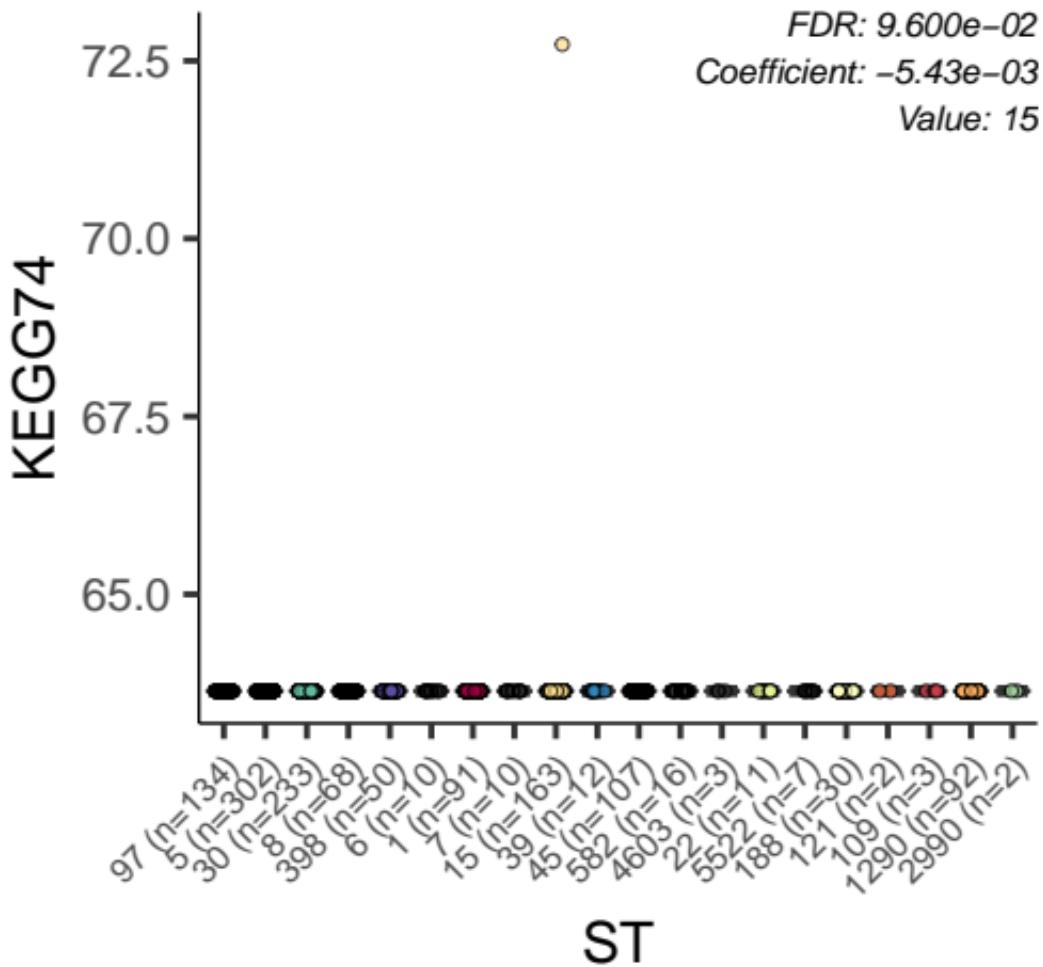


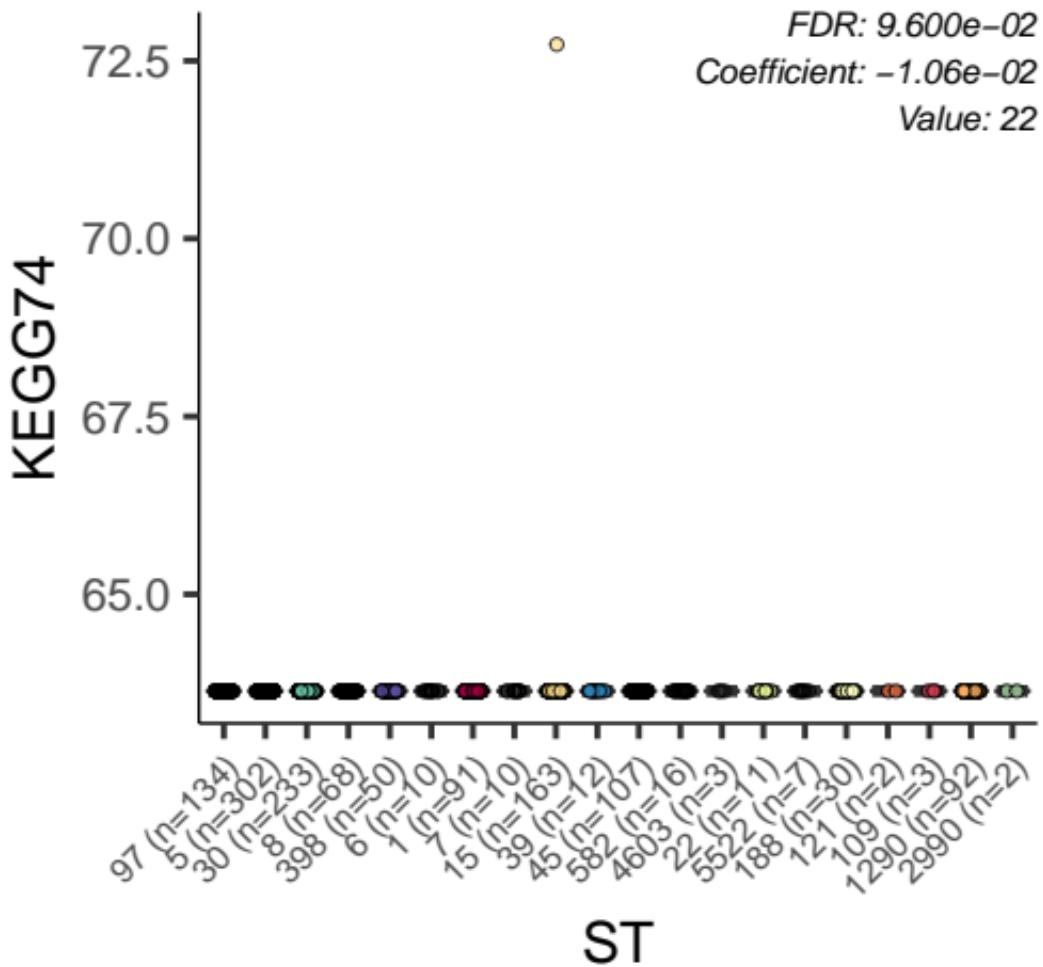


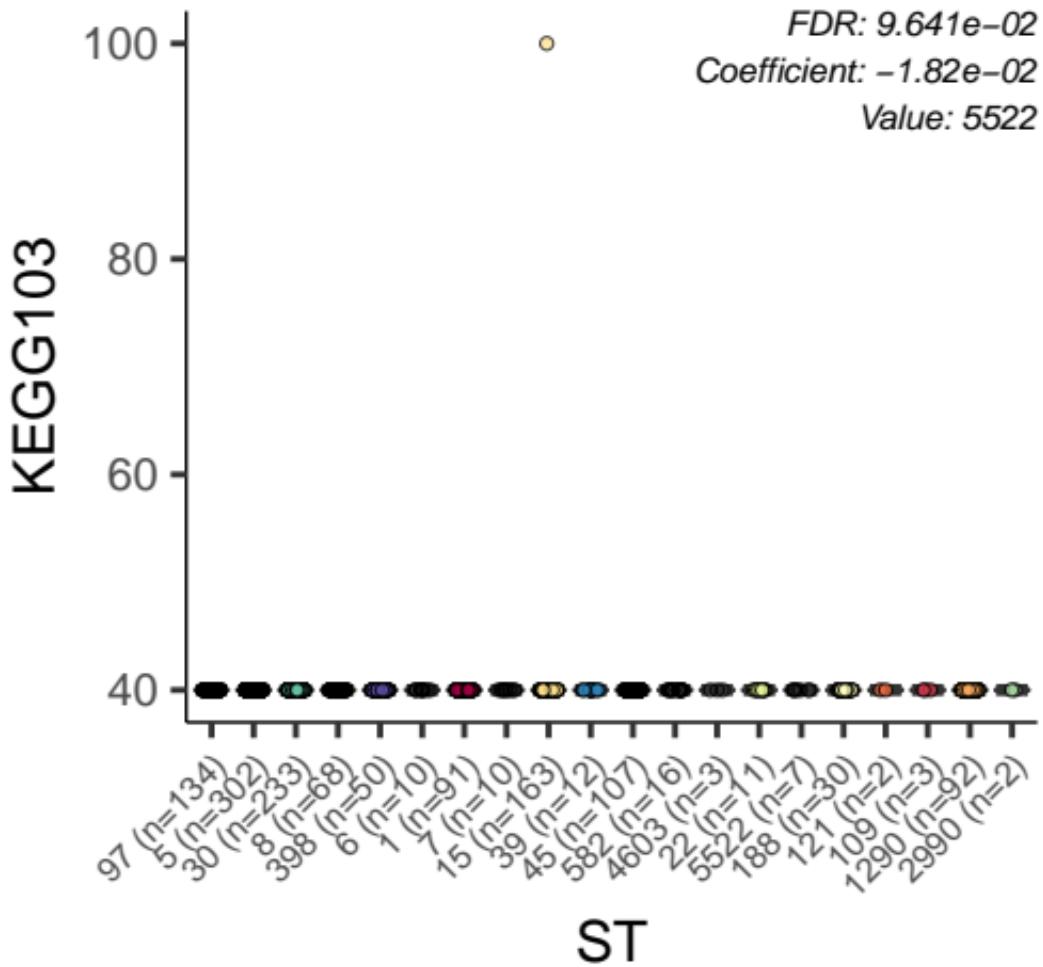


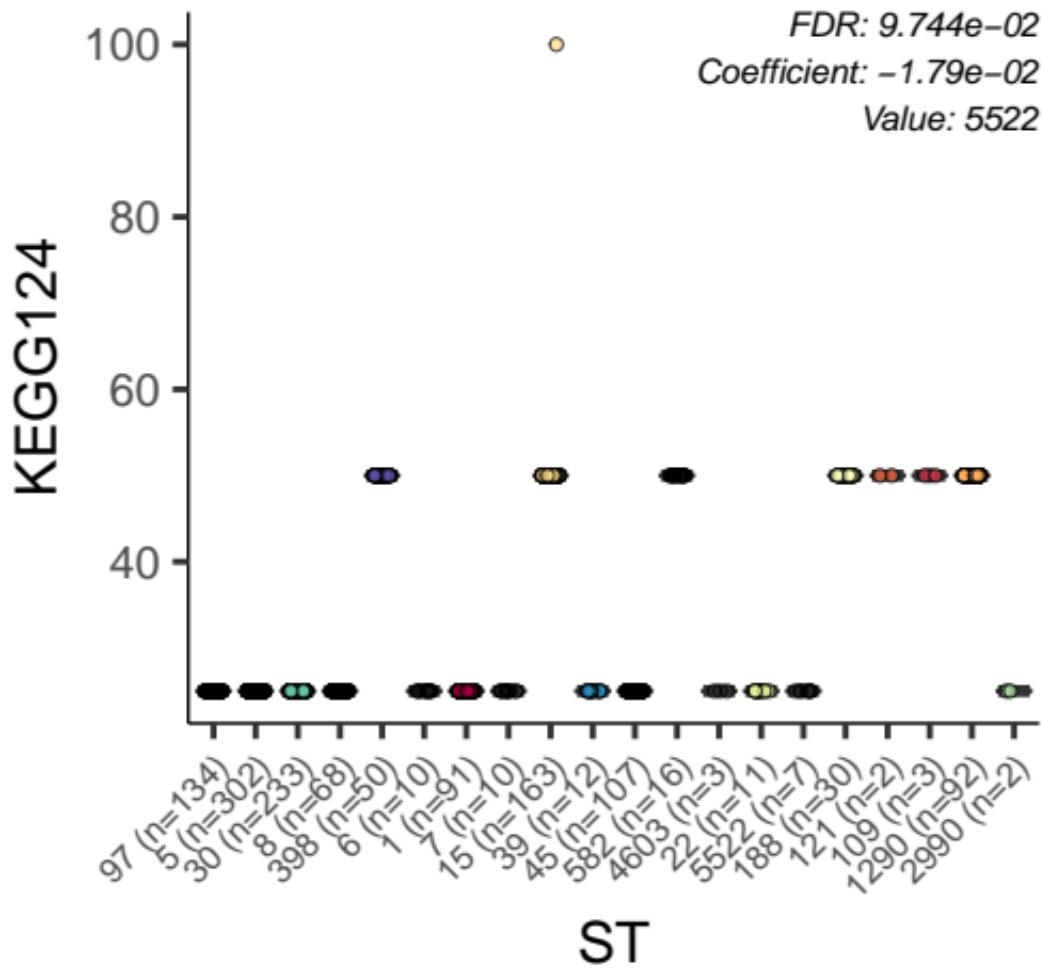


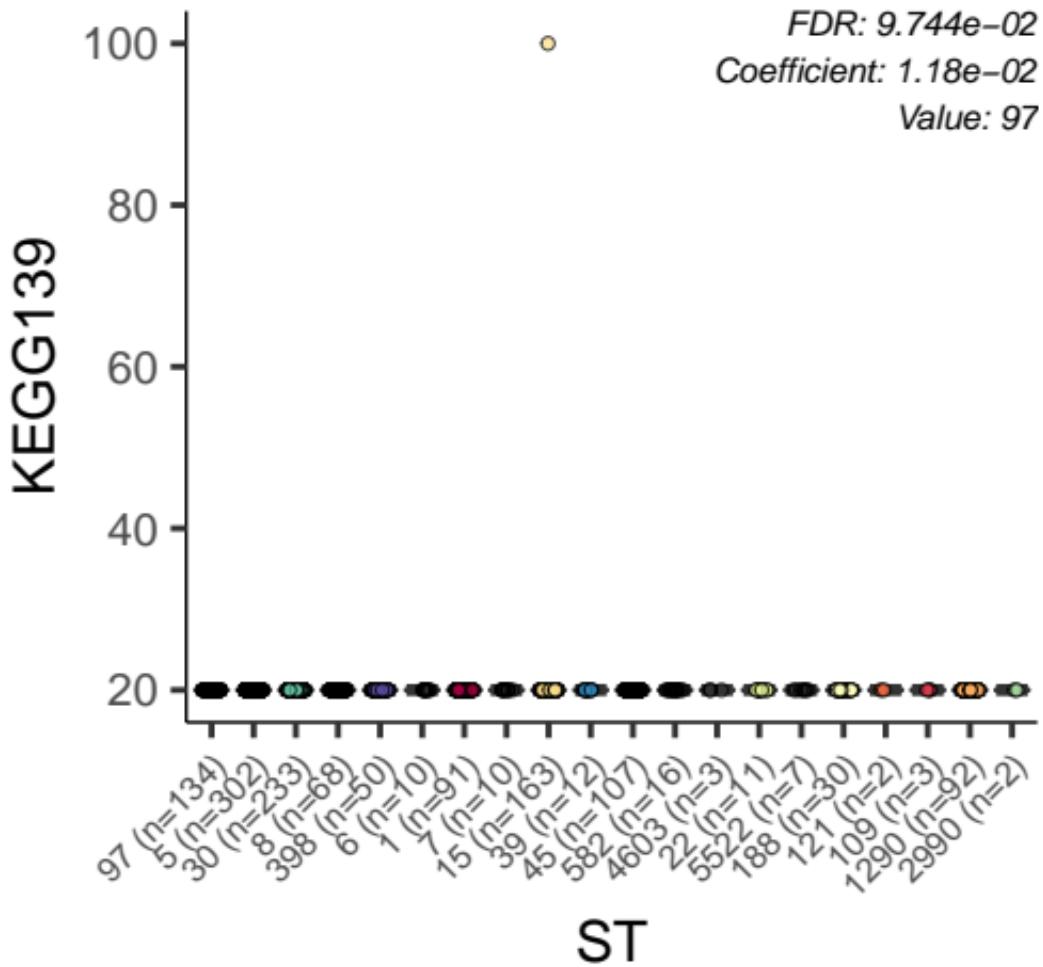




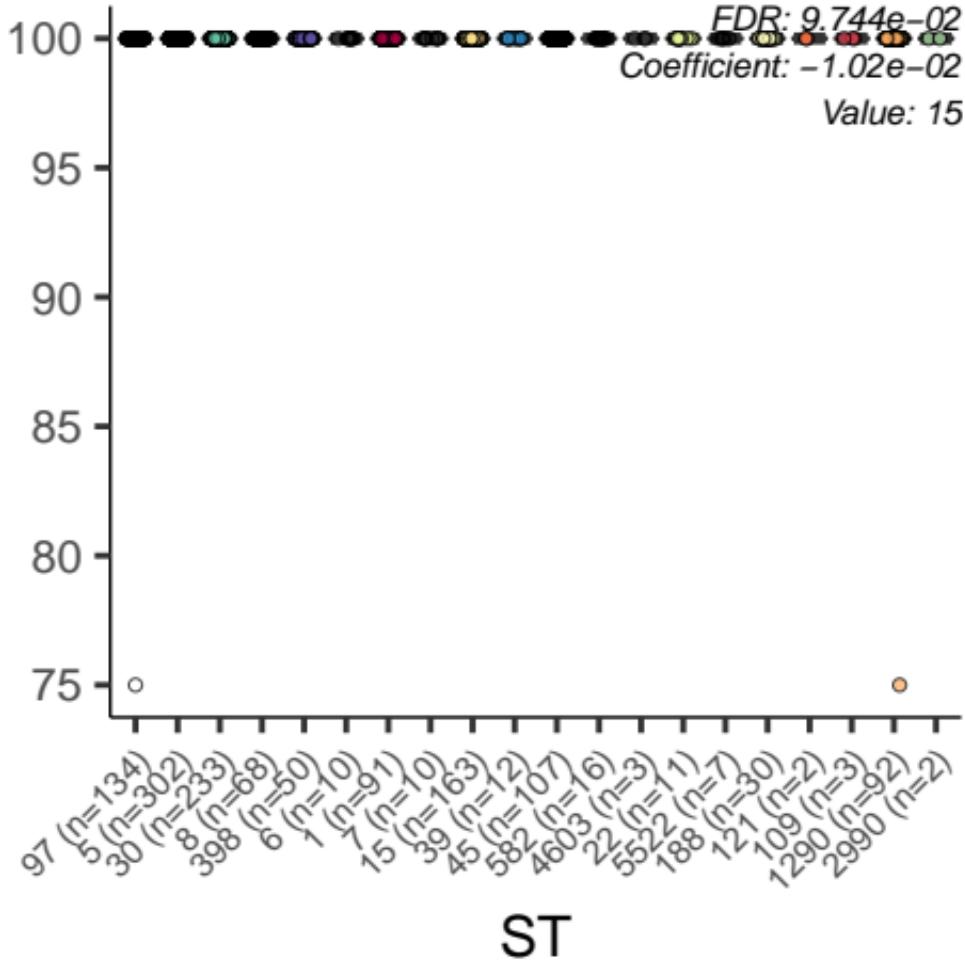


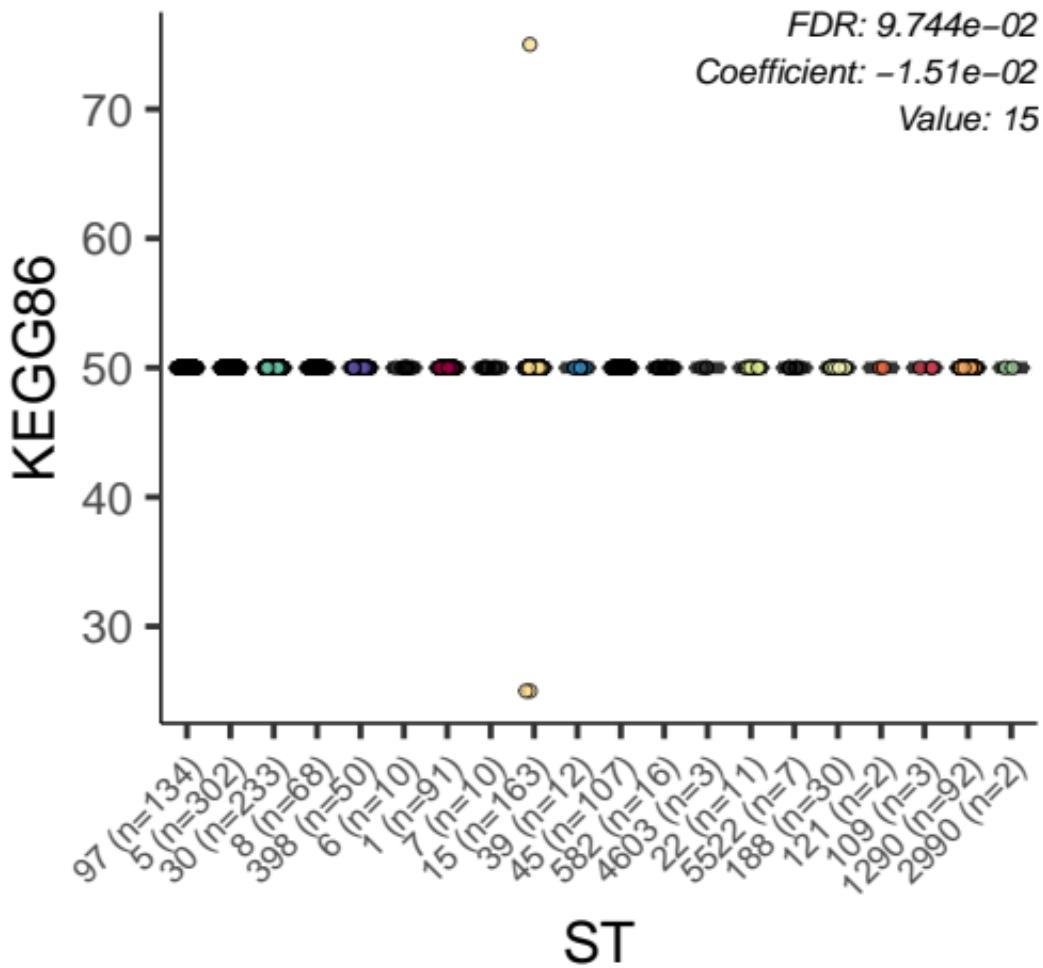


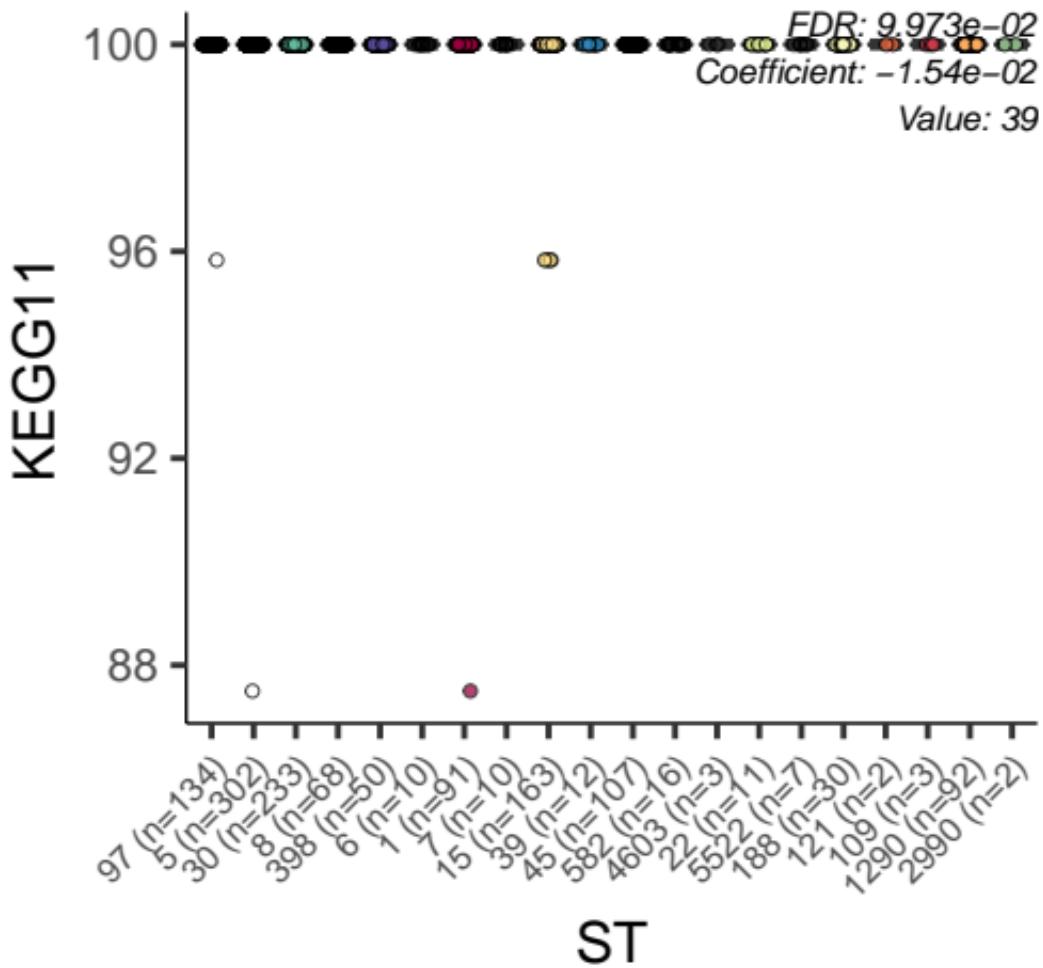




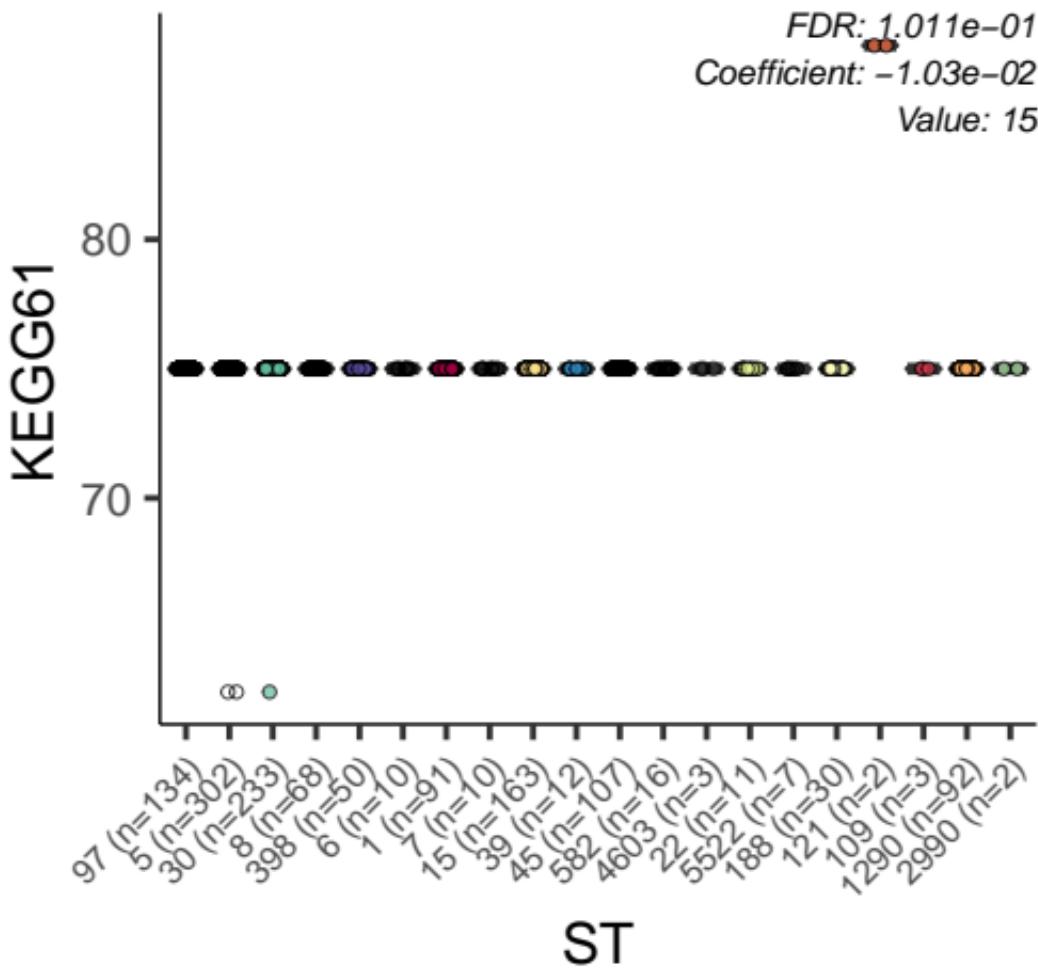
KEGG30

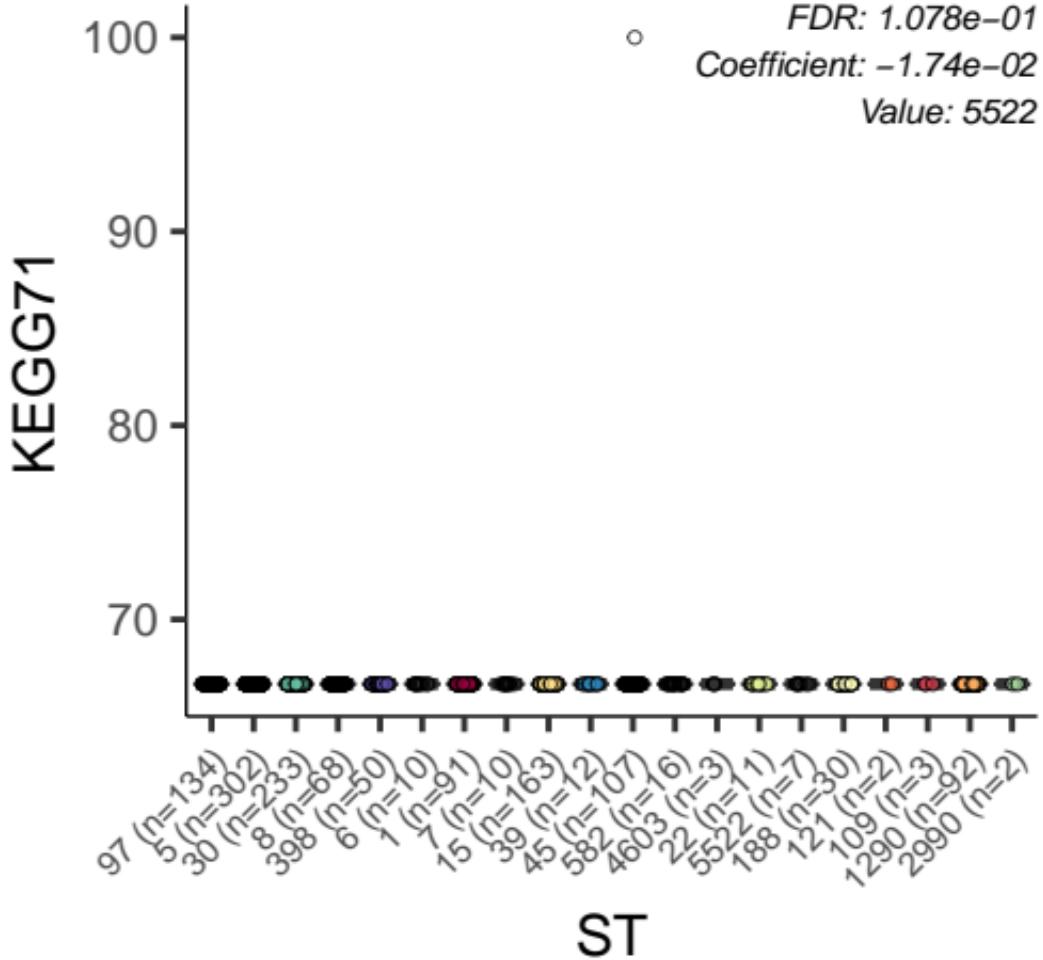


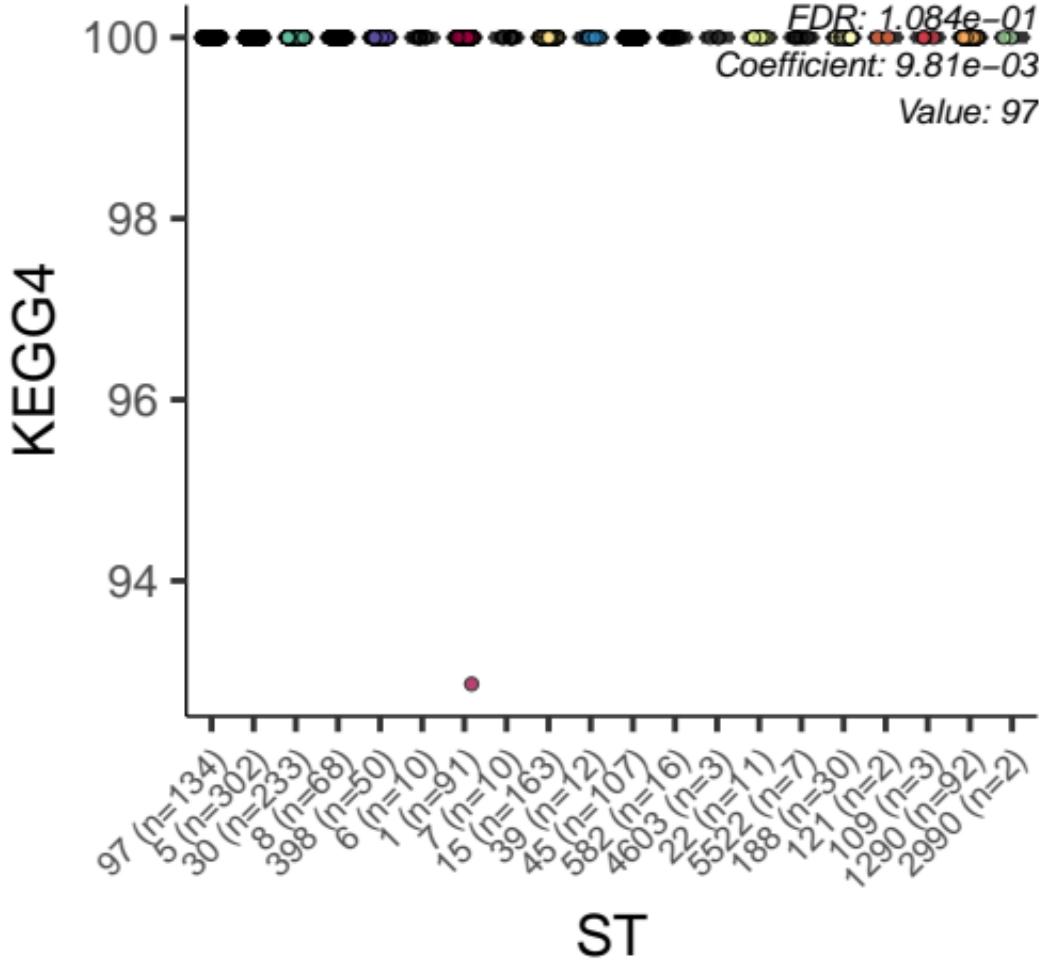


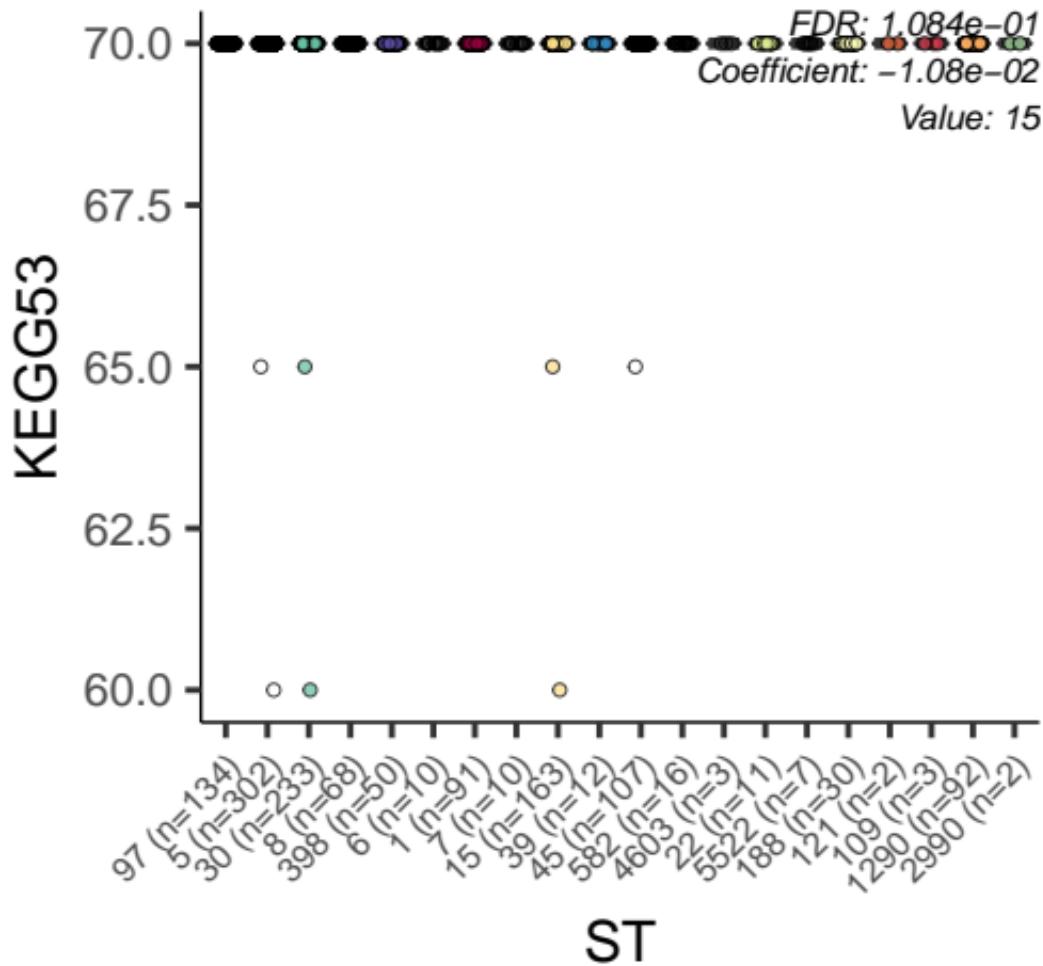


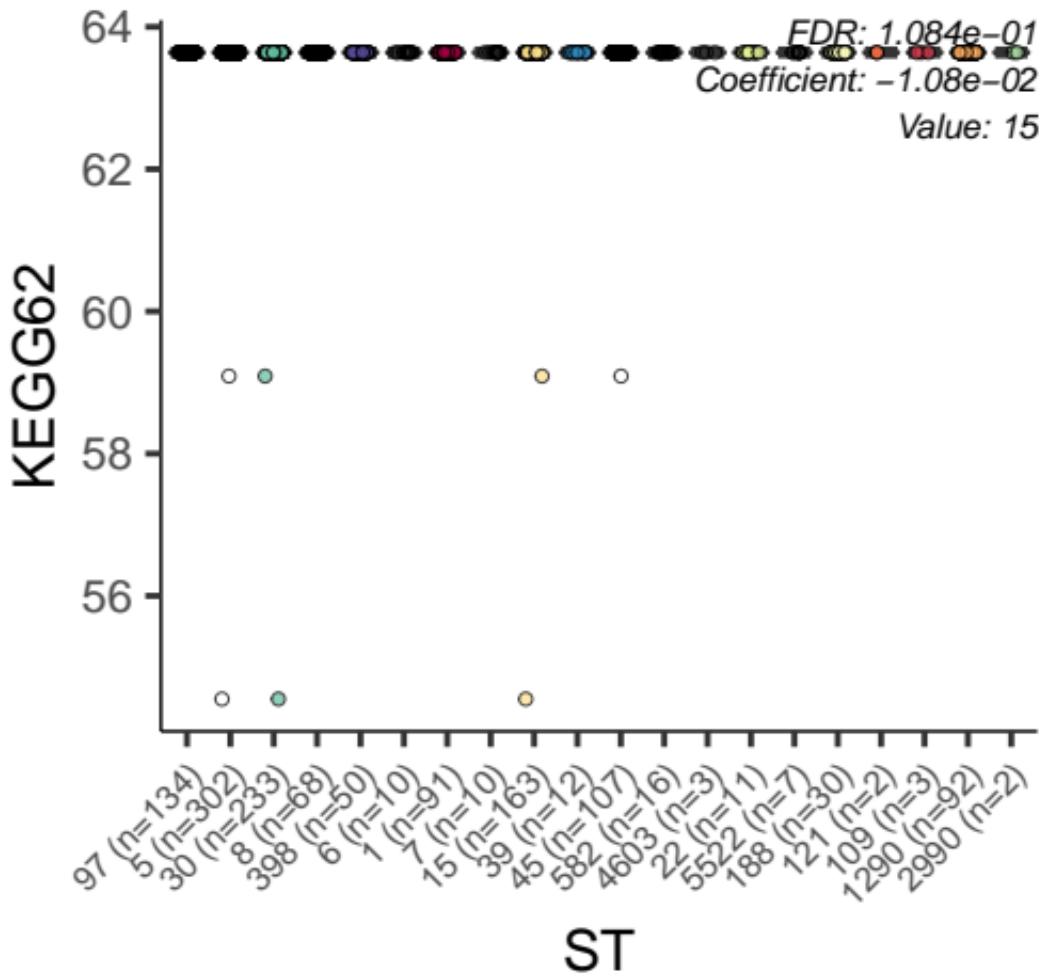
FDR: 1.011e-01
Coefficient: -1.03e-02
Value: 15

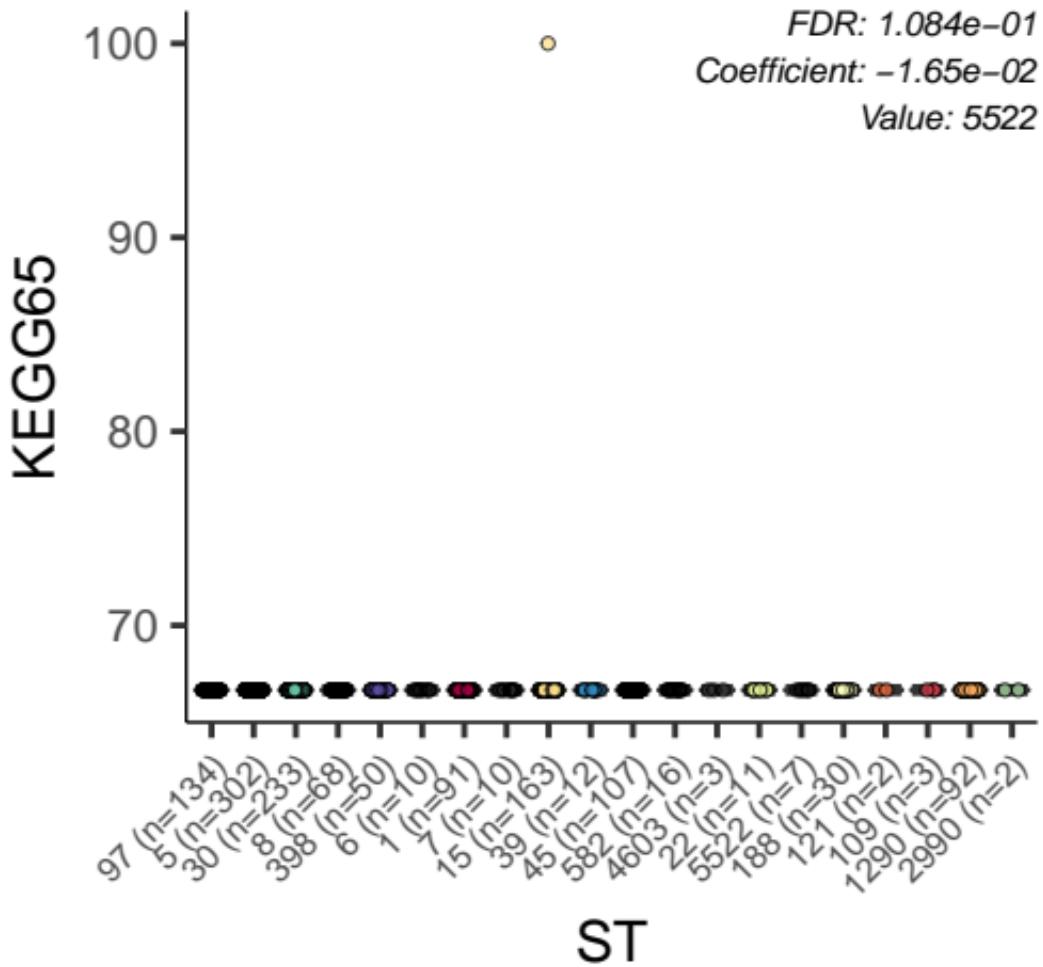


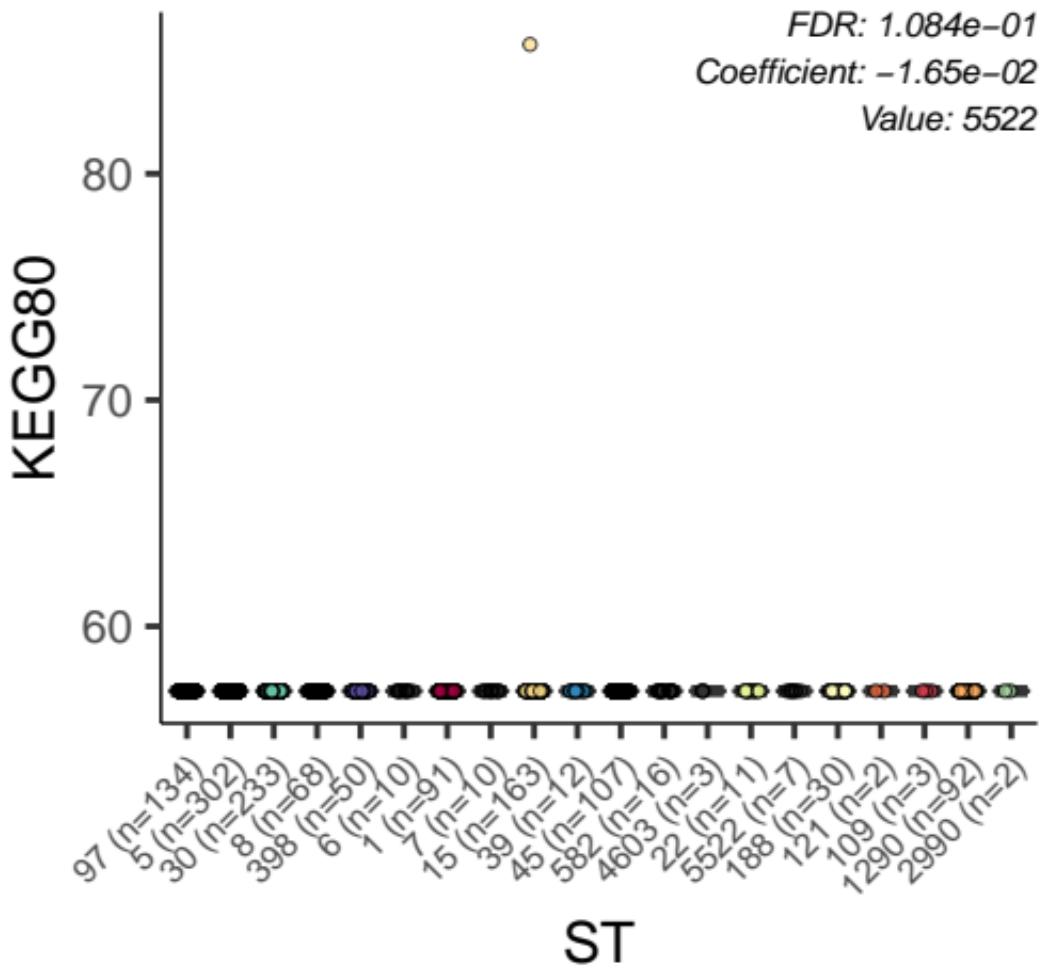


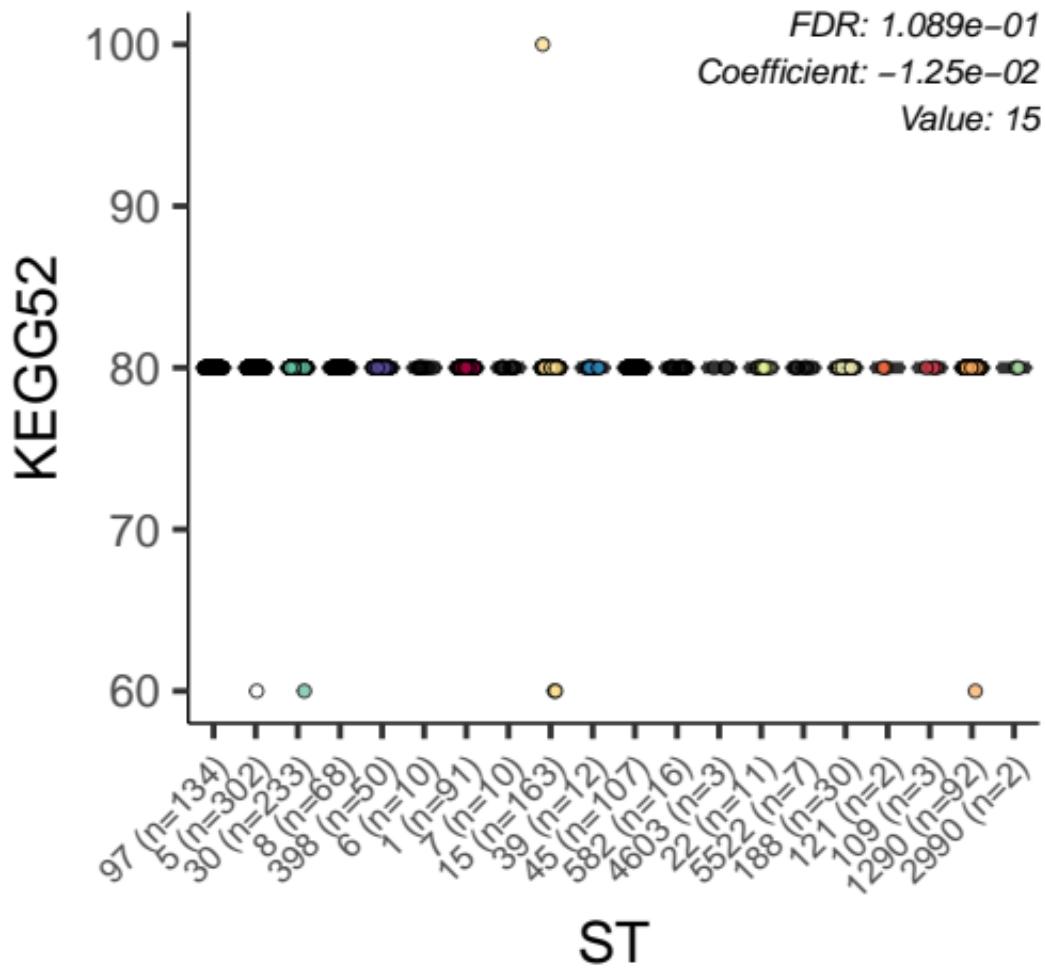




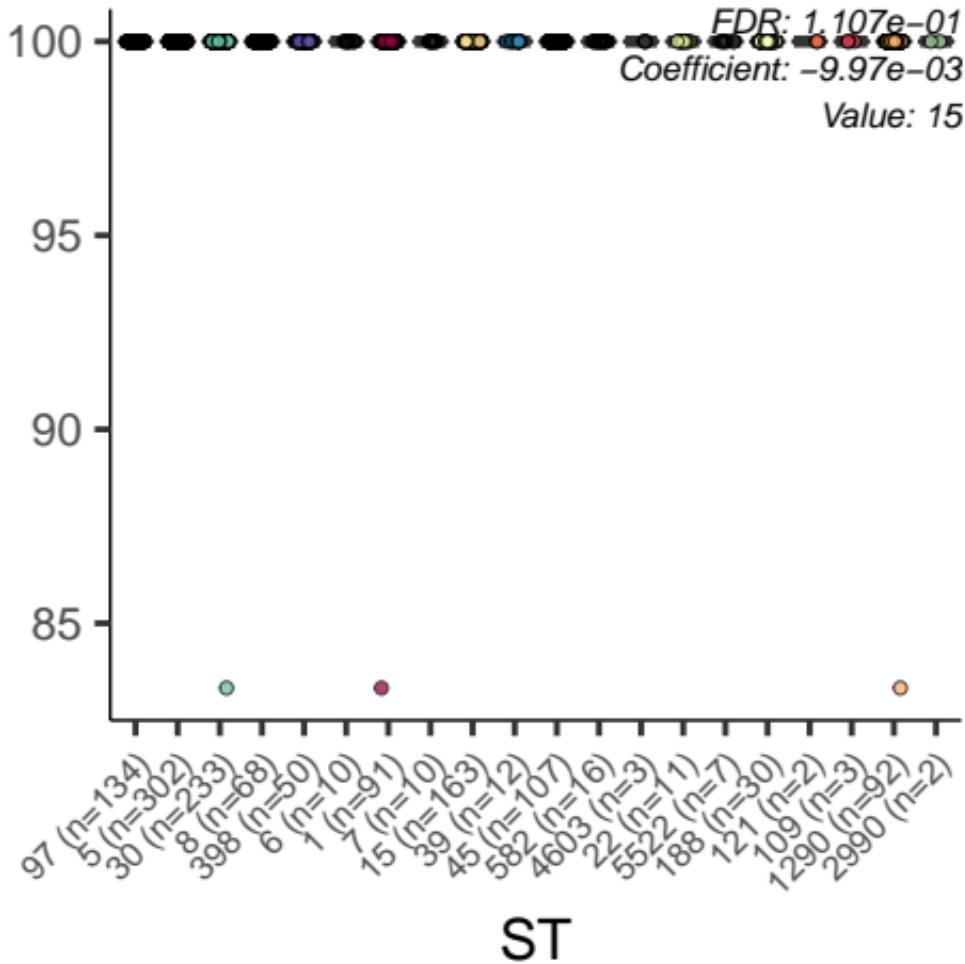


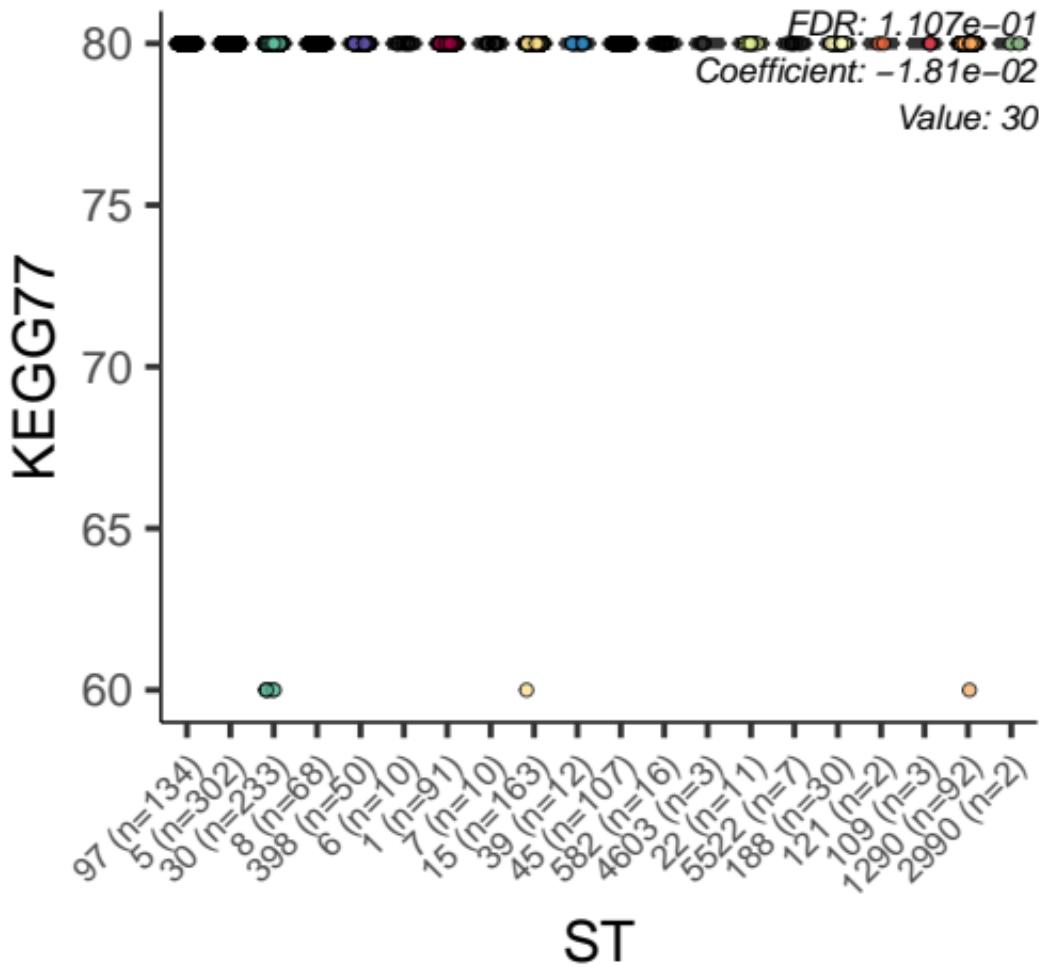


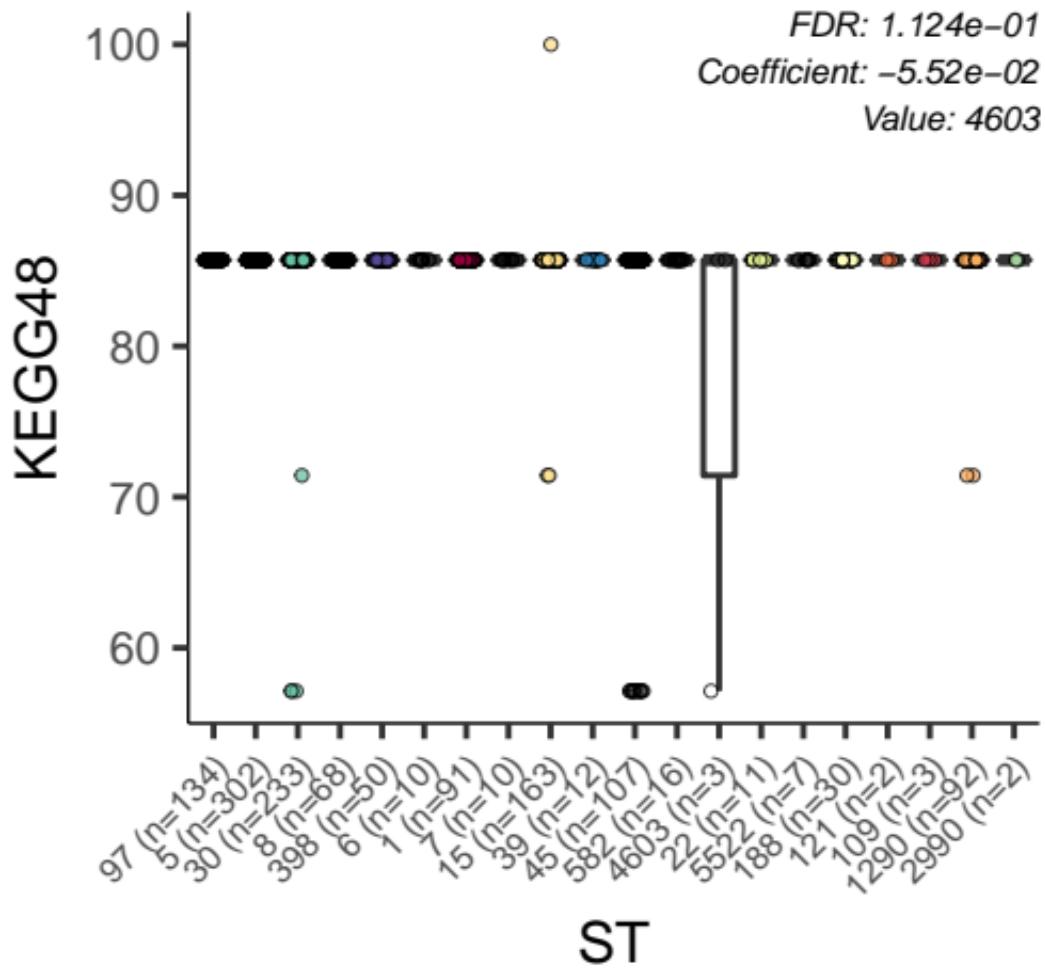


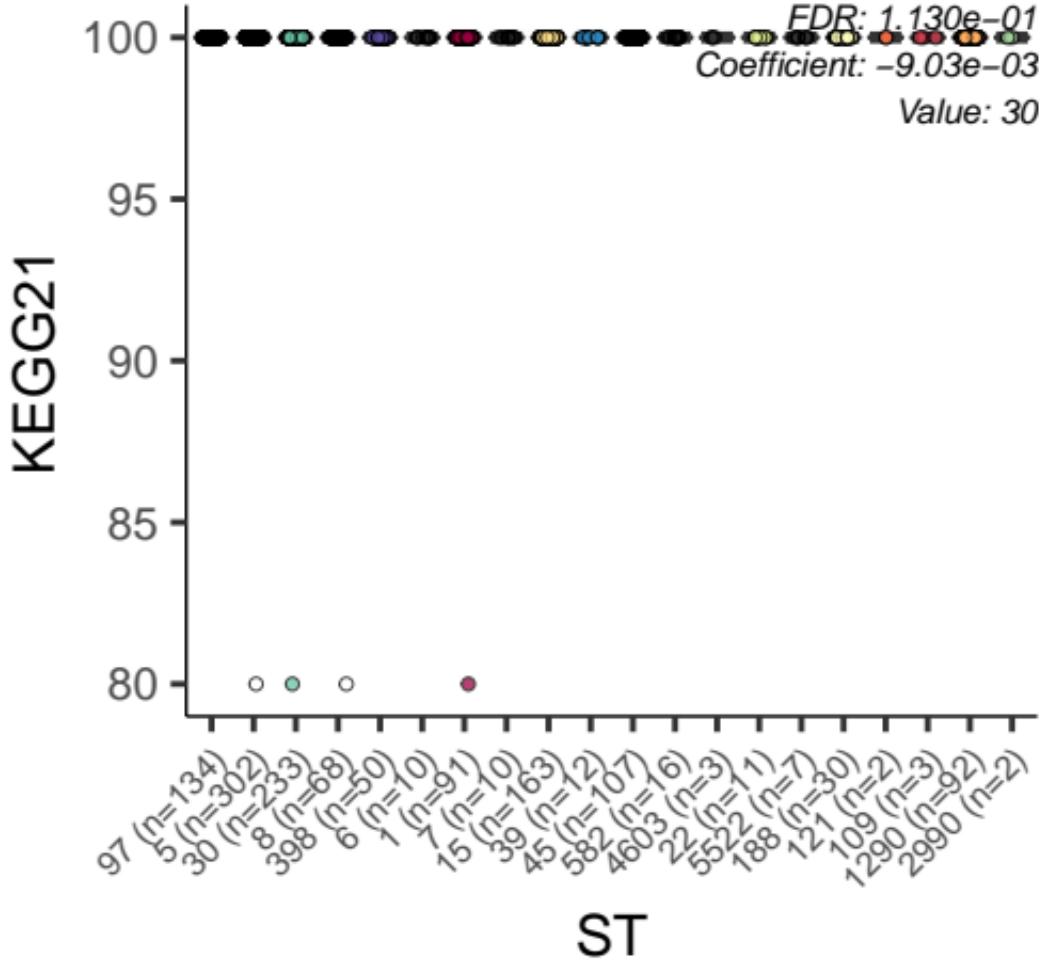


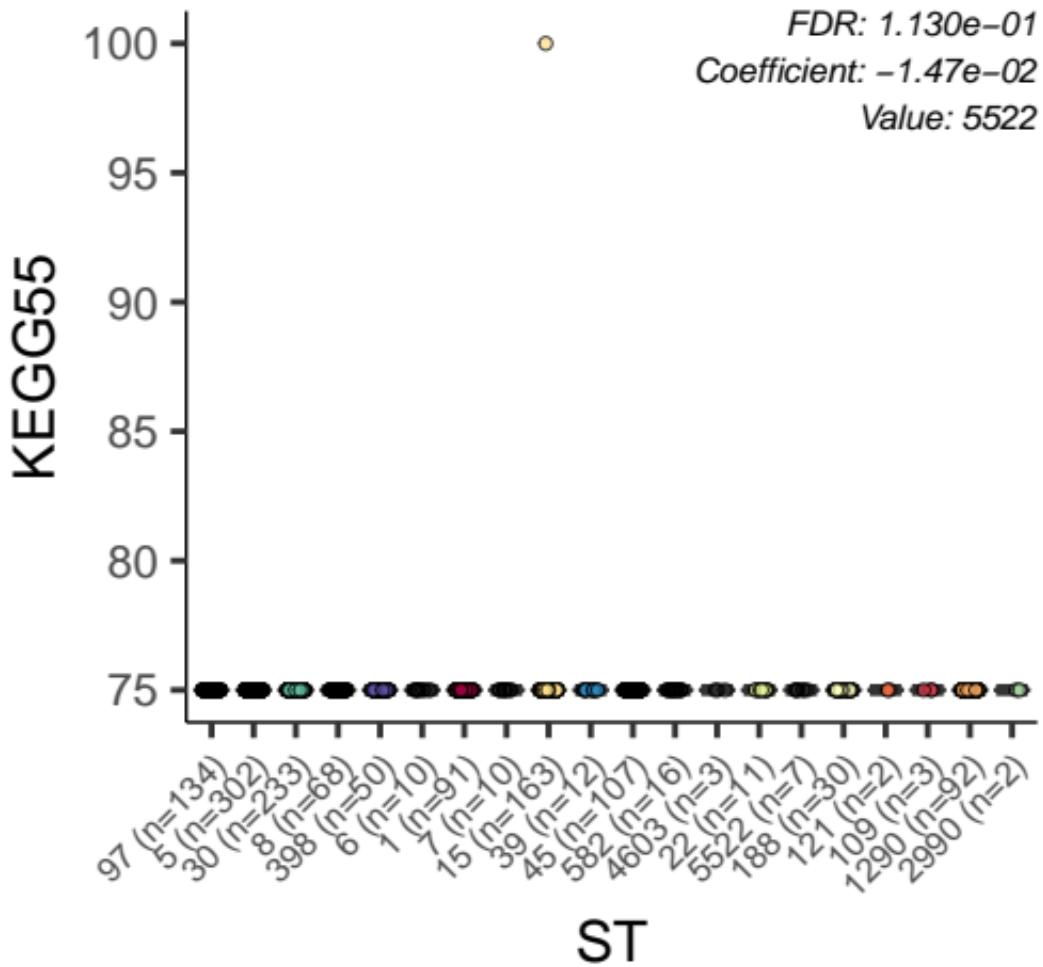
KEGG66

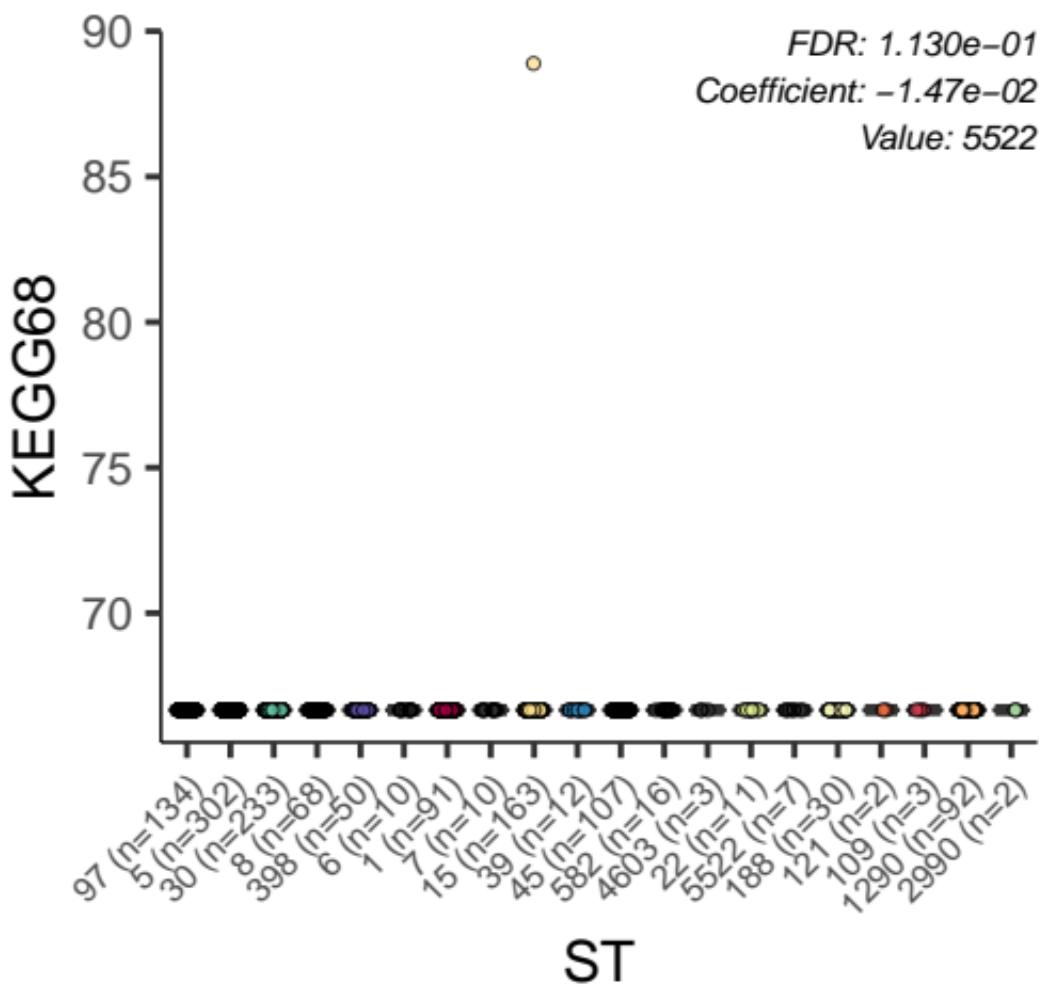




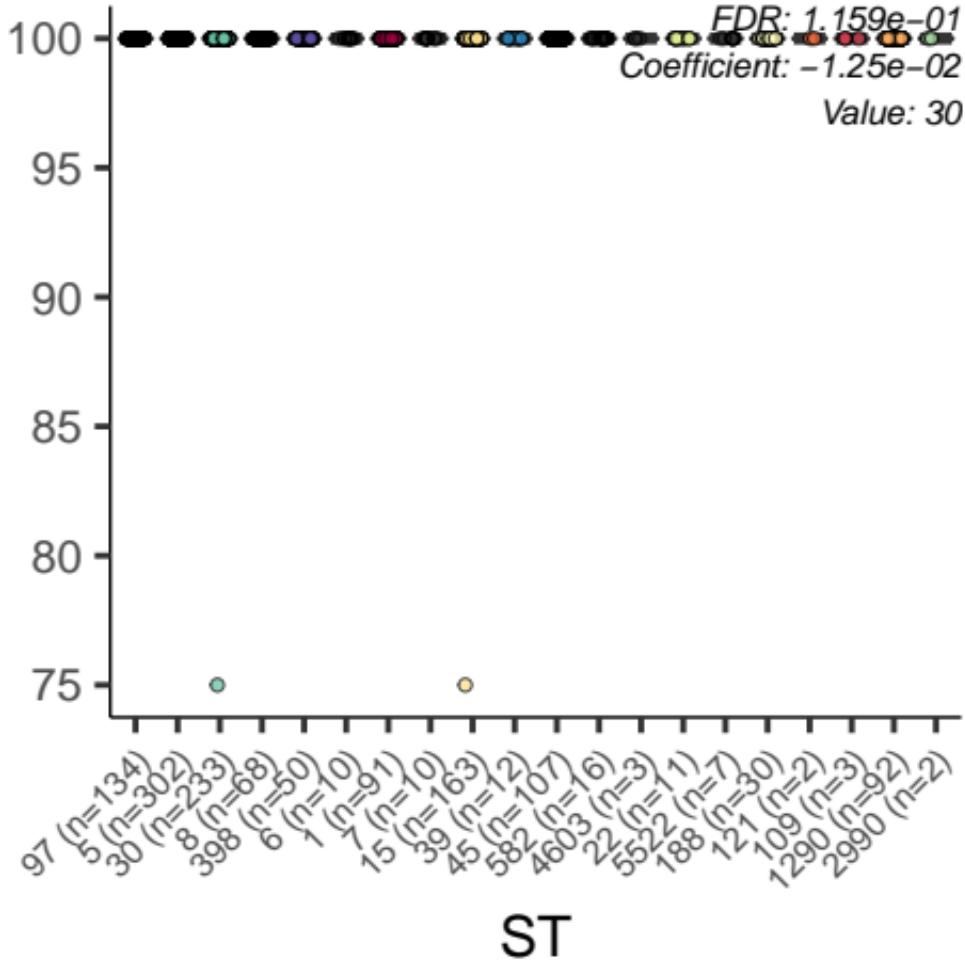




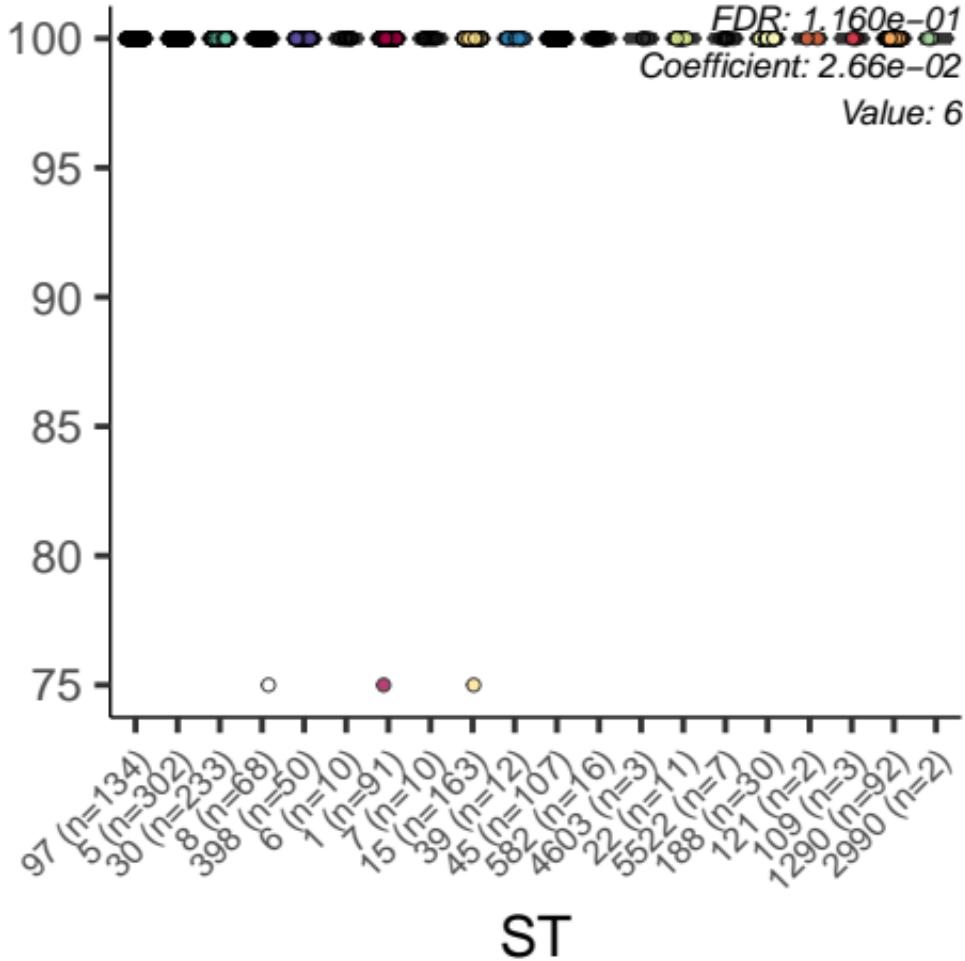


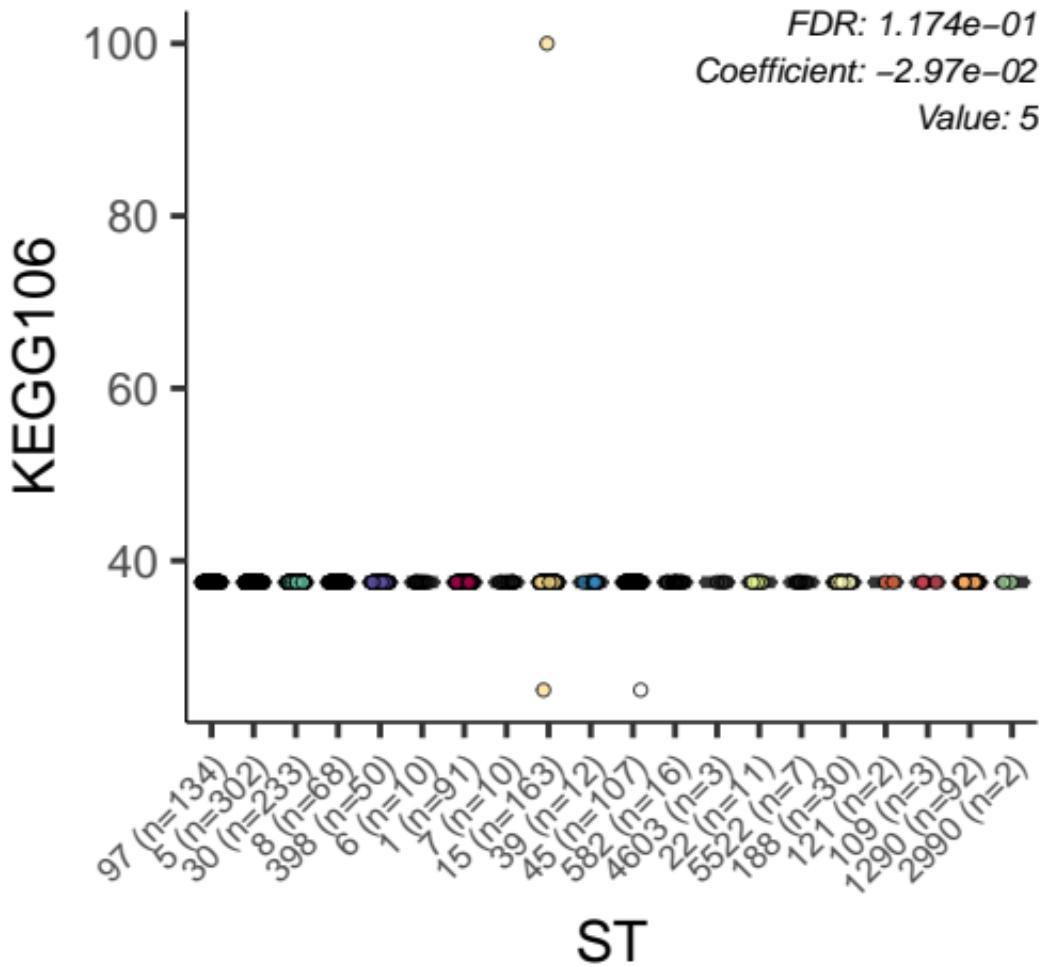


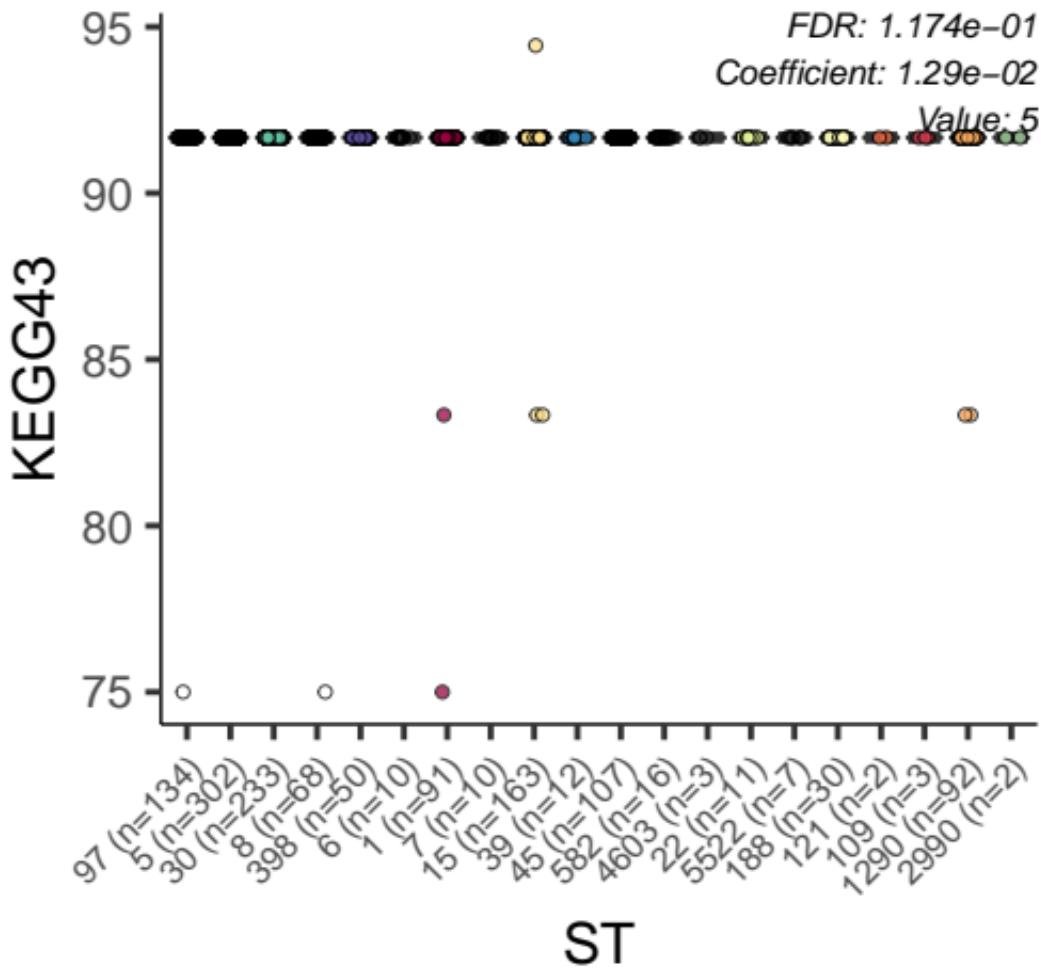
KEGG27

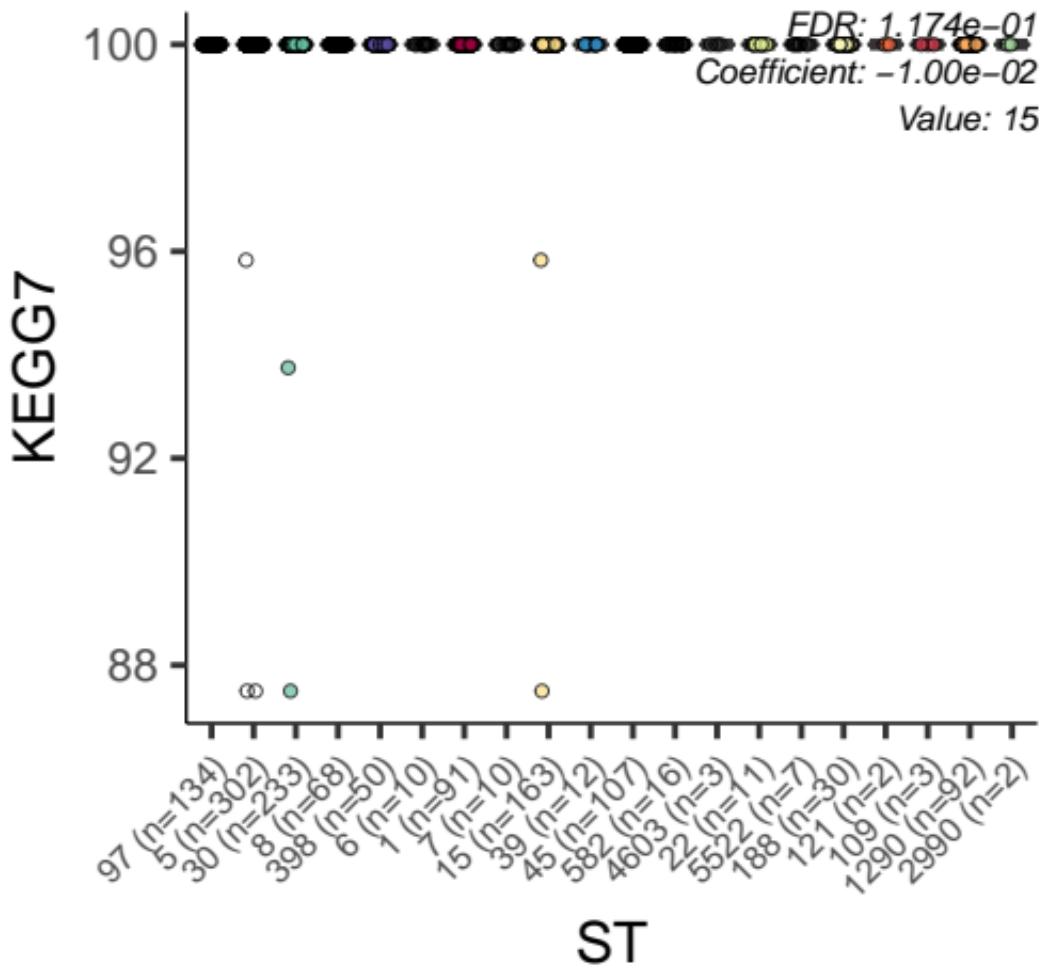


KEGG58

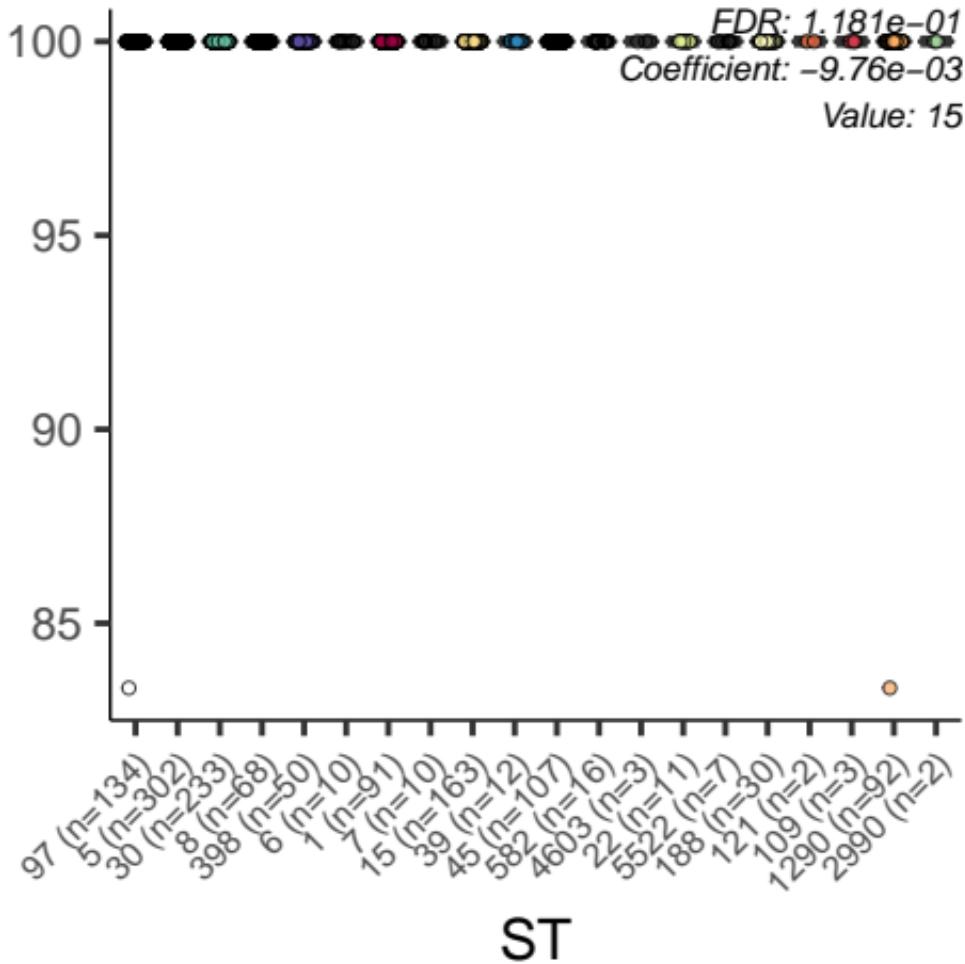




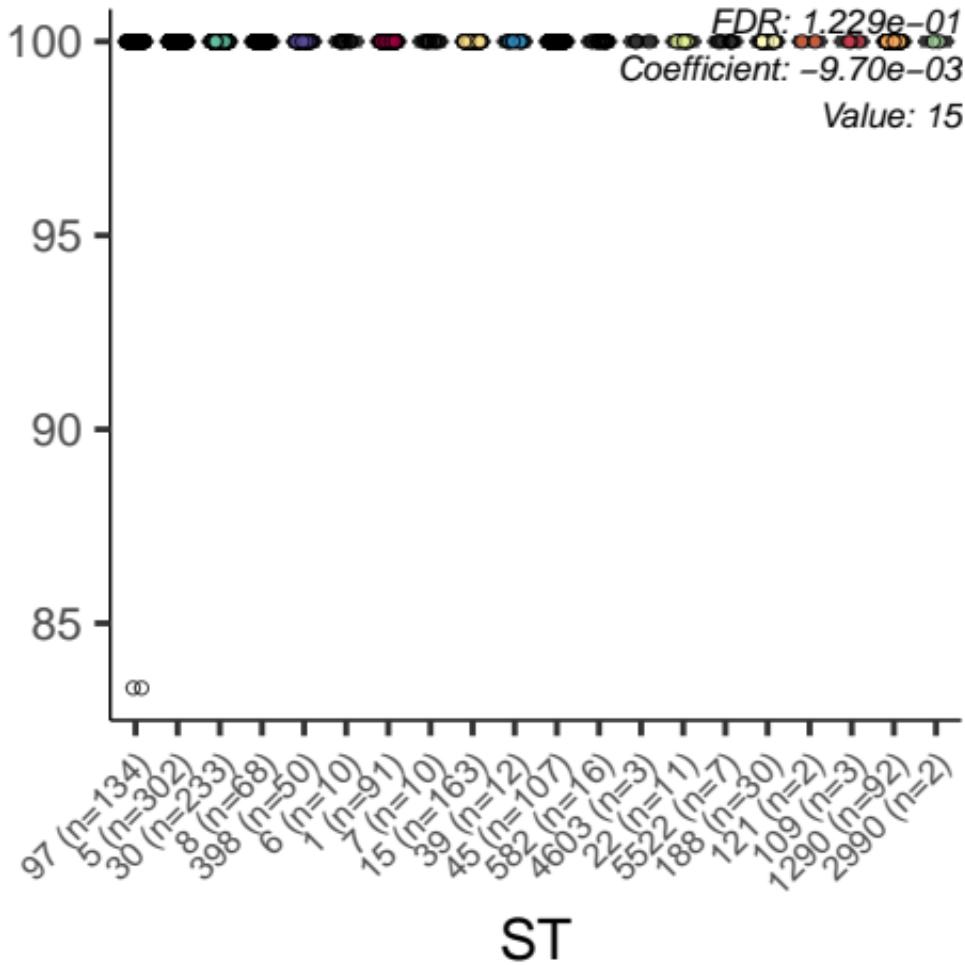


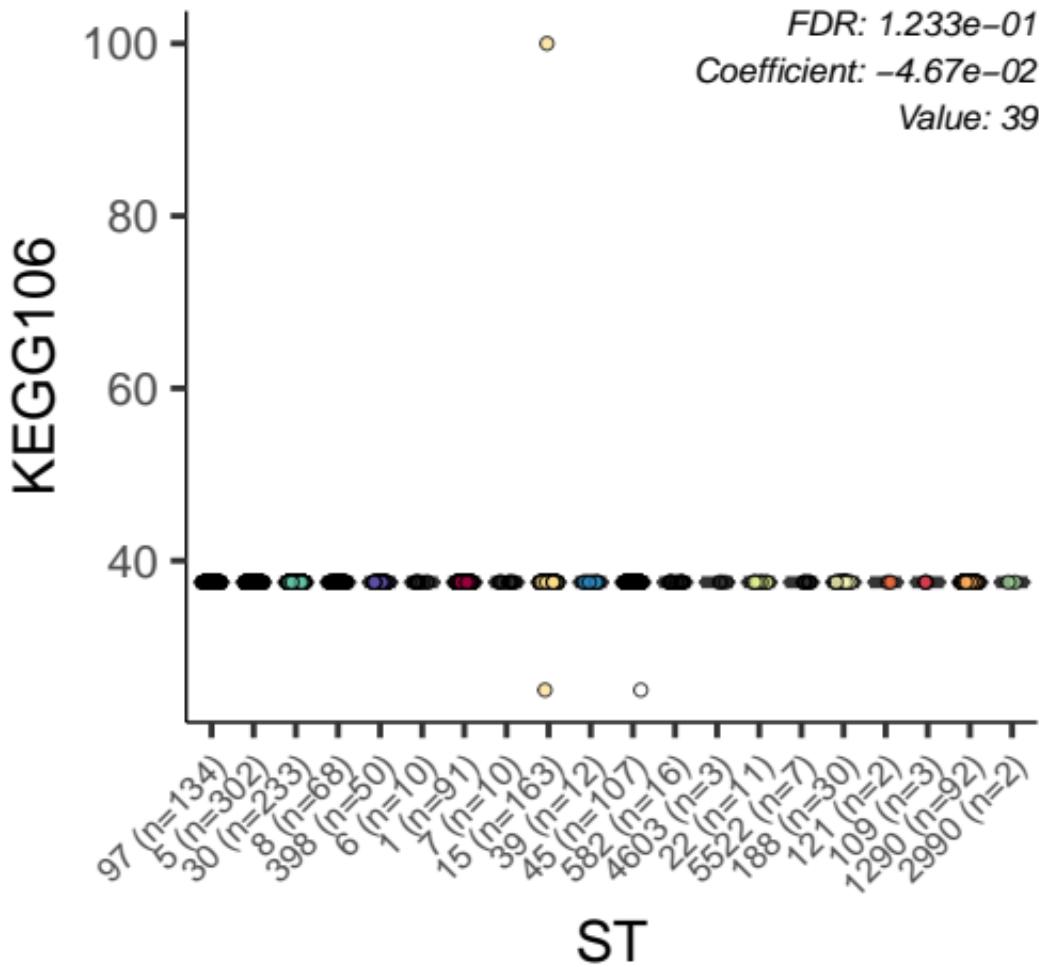


KEGG25

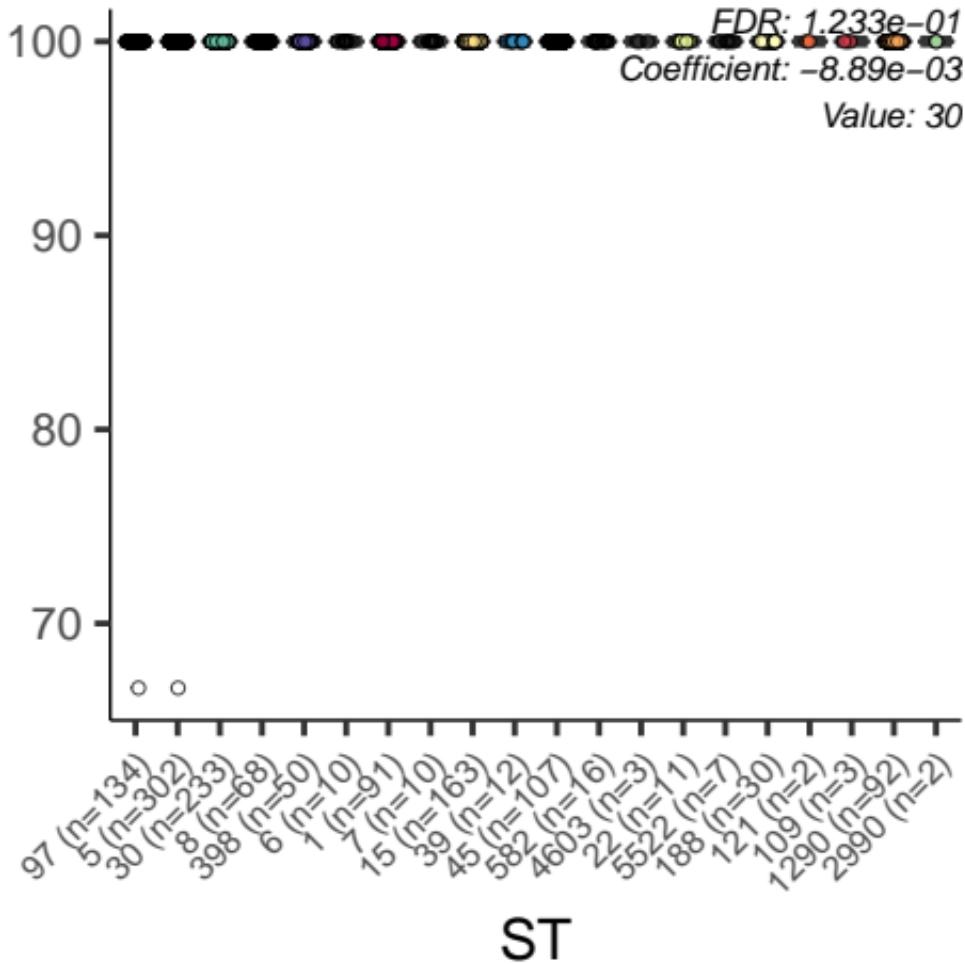


KEGG18

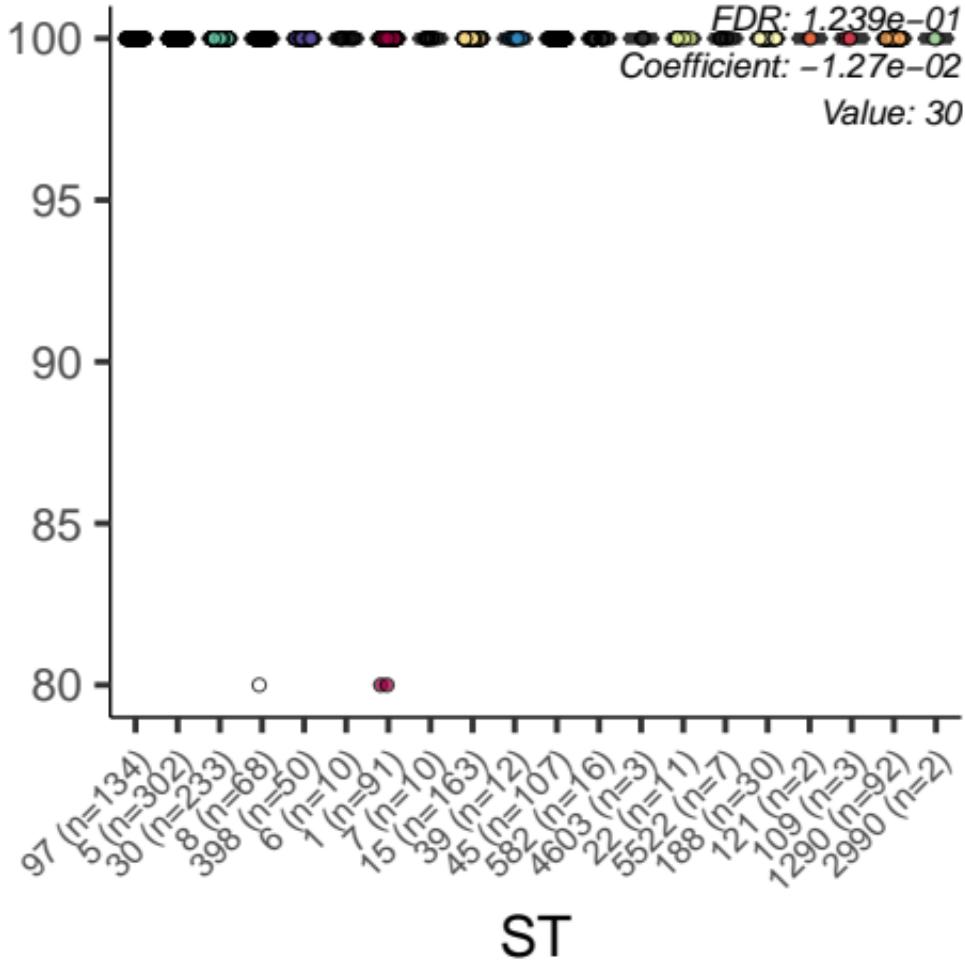


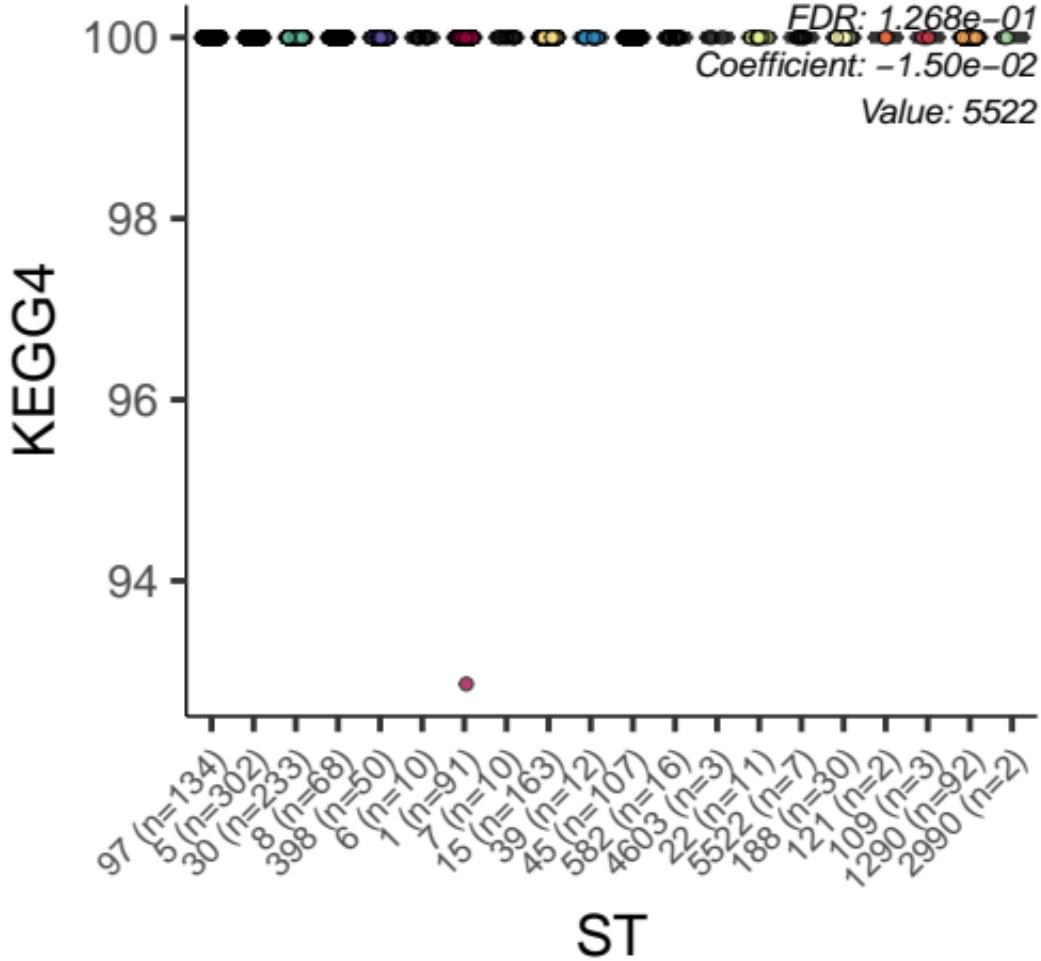


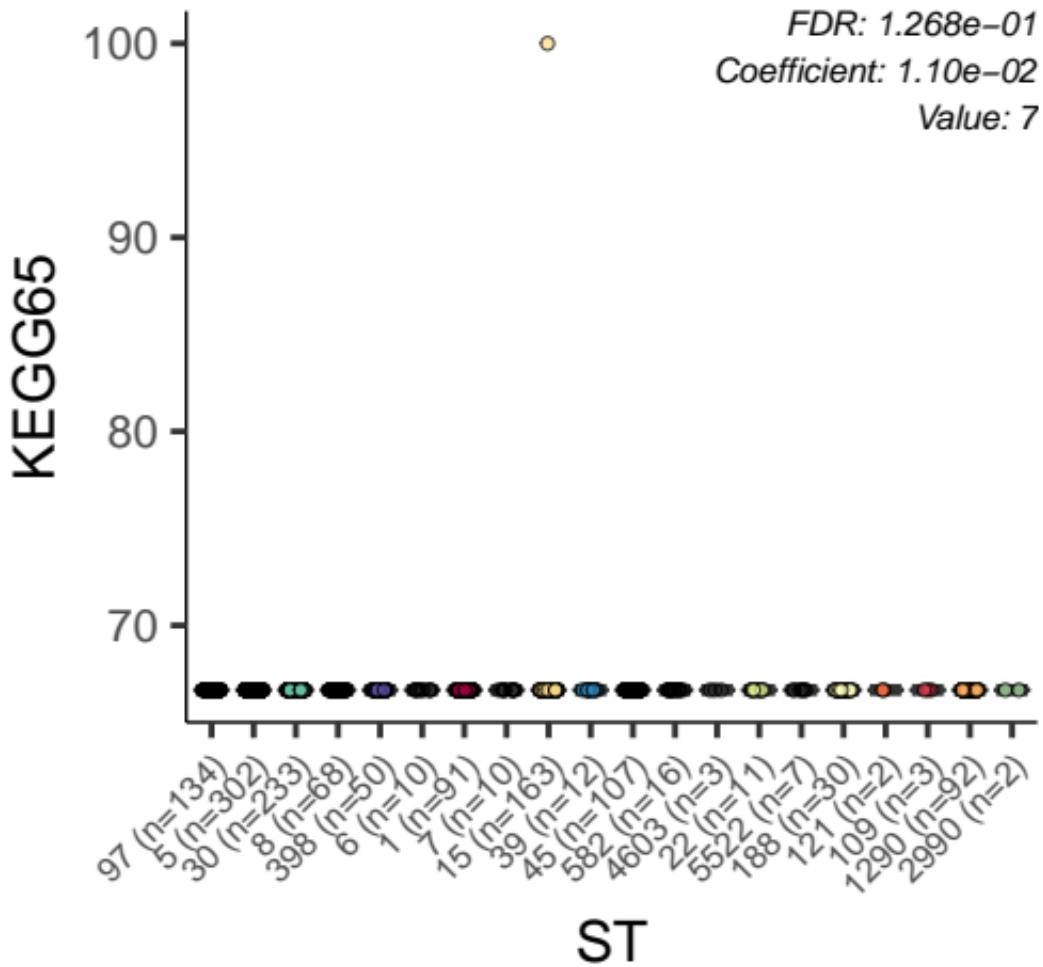
KEGG35

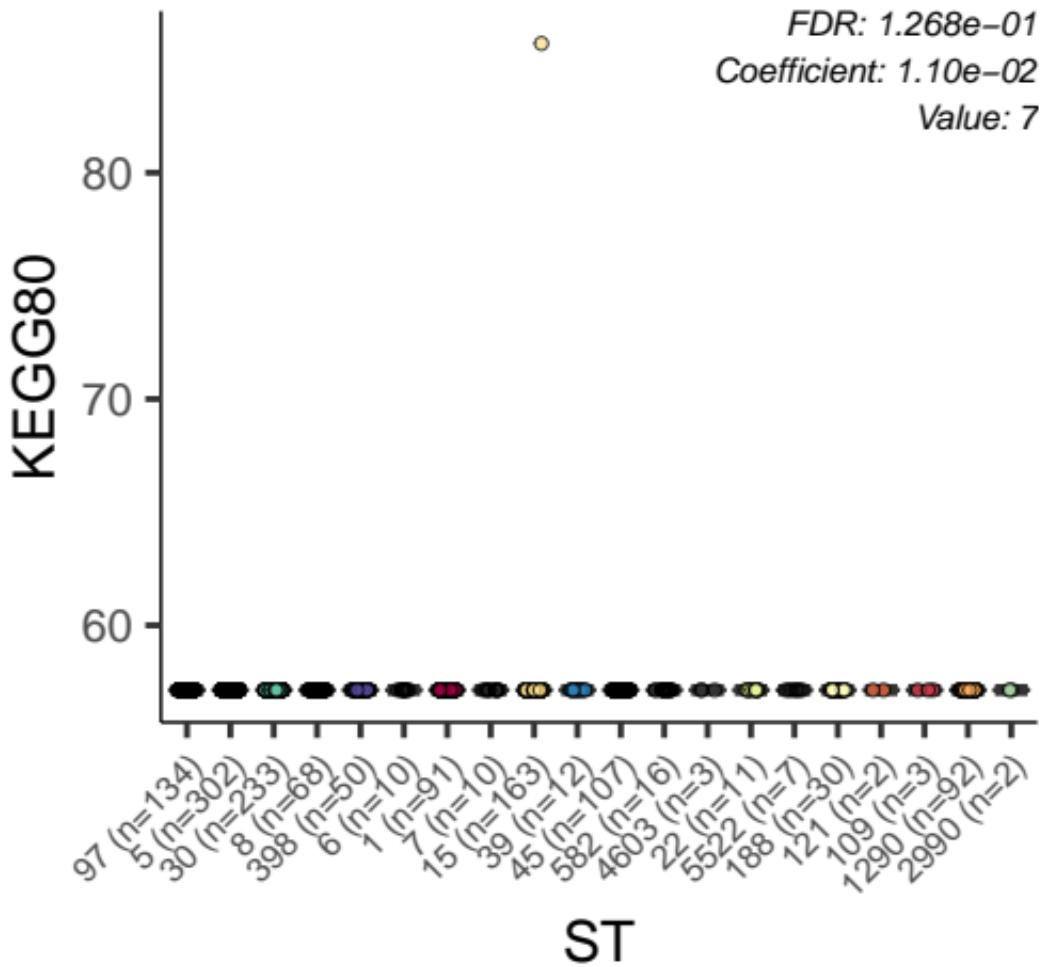


KEGG44



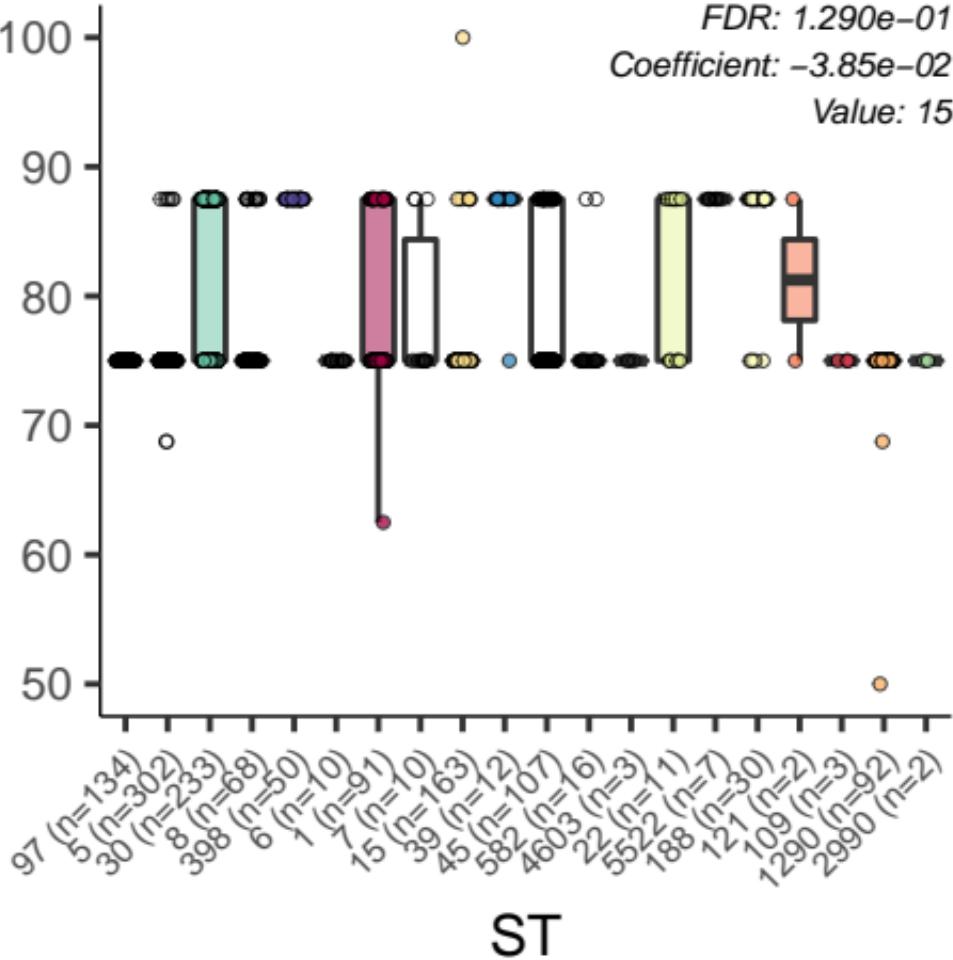


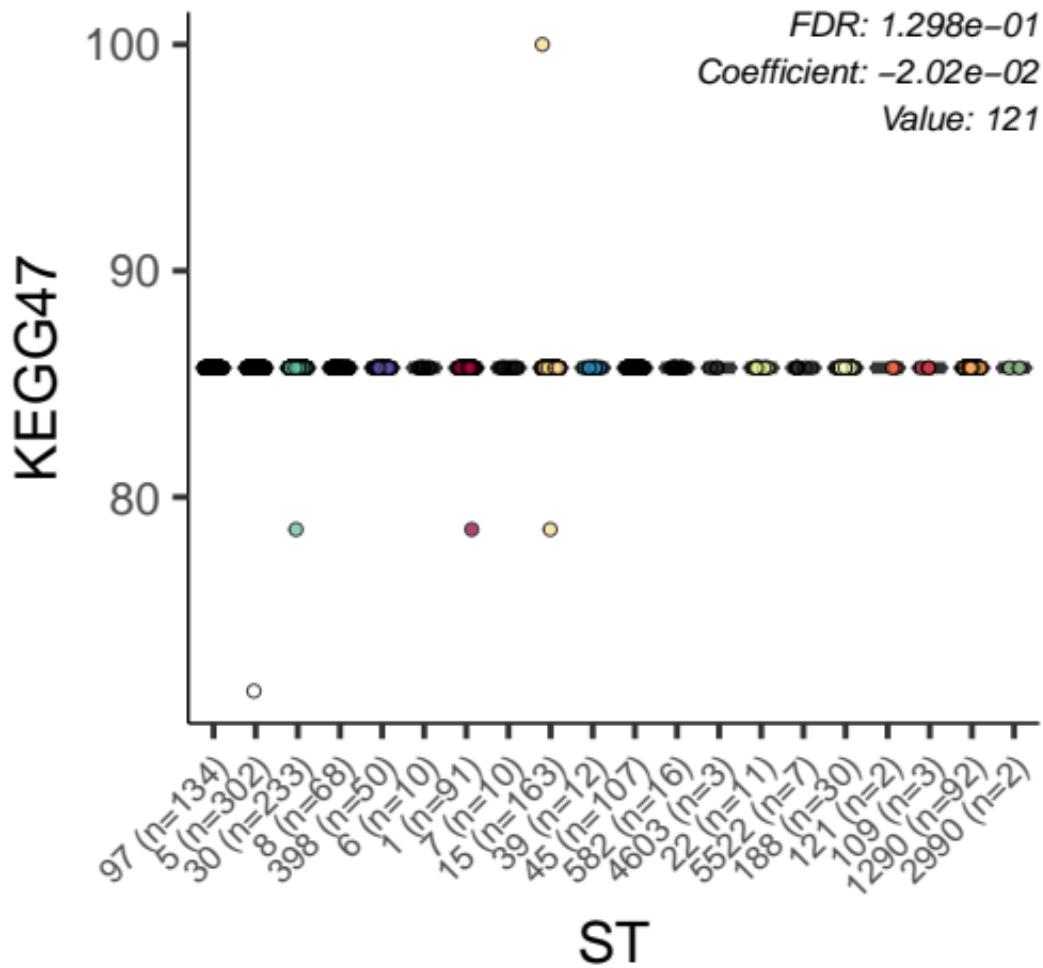


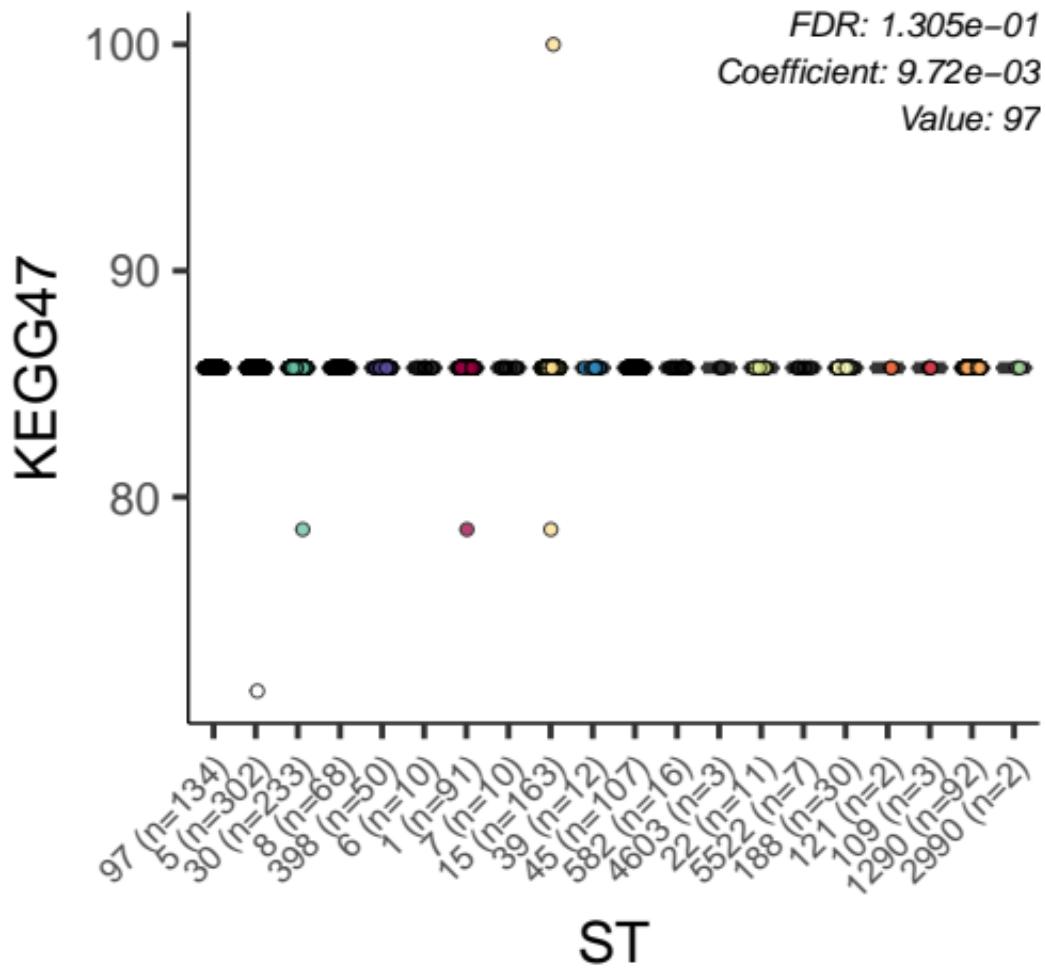


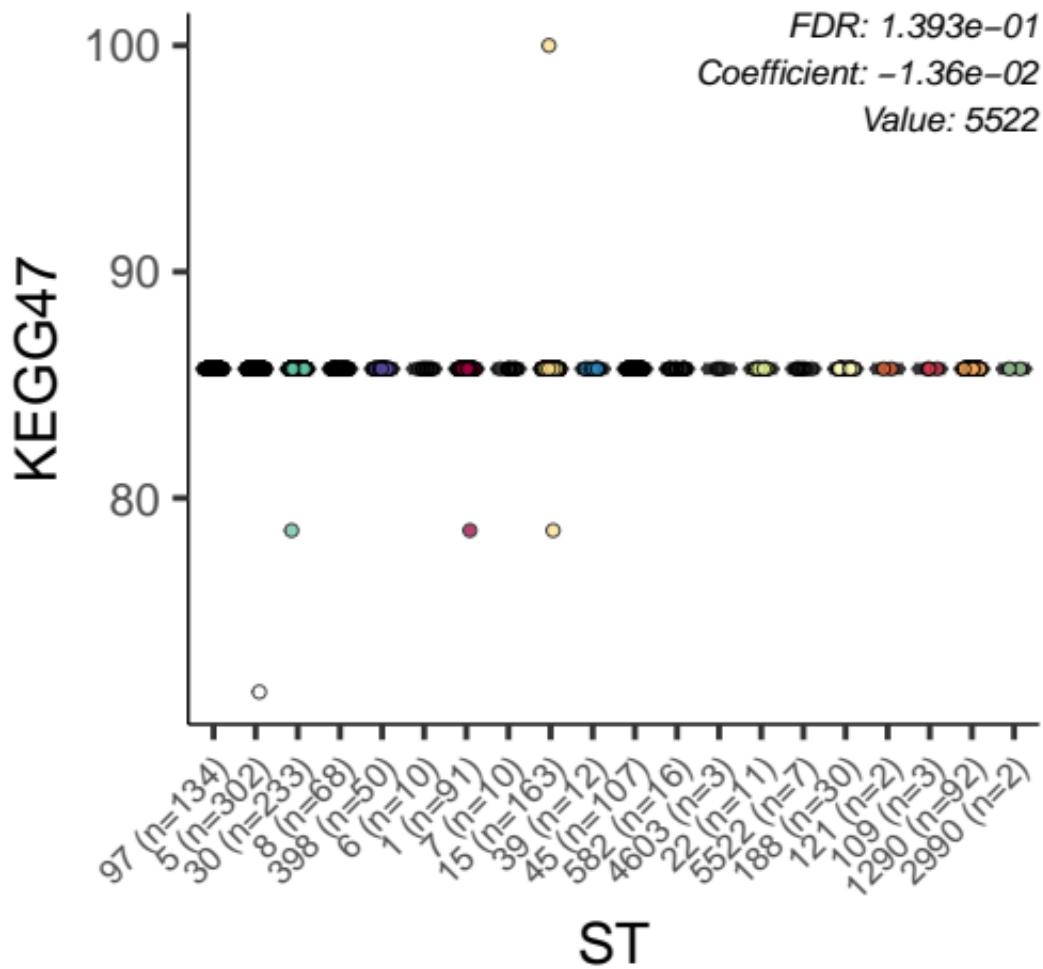
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Coefficient: -3.85e-02
Value: 15

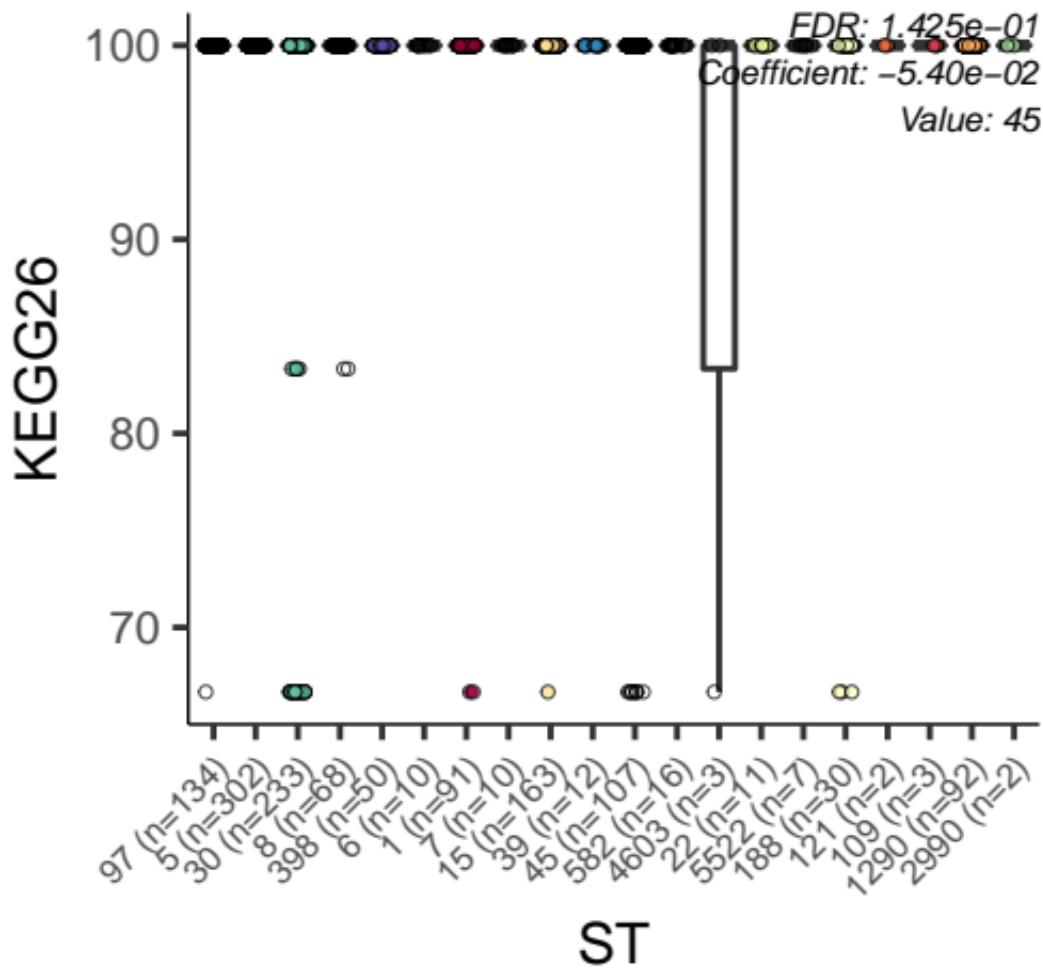
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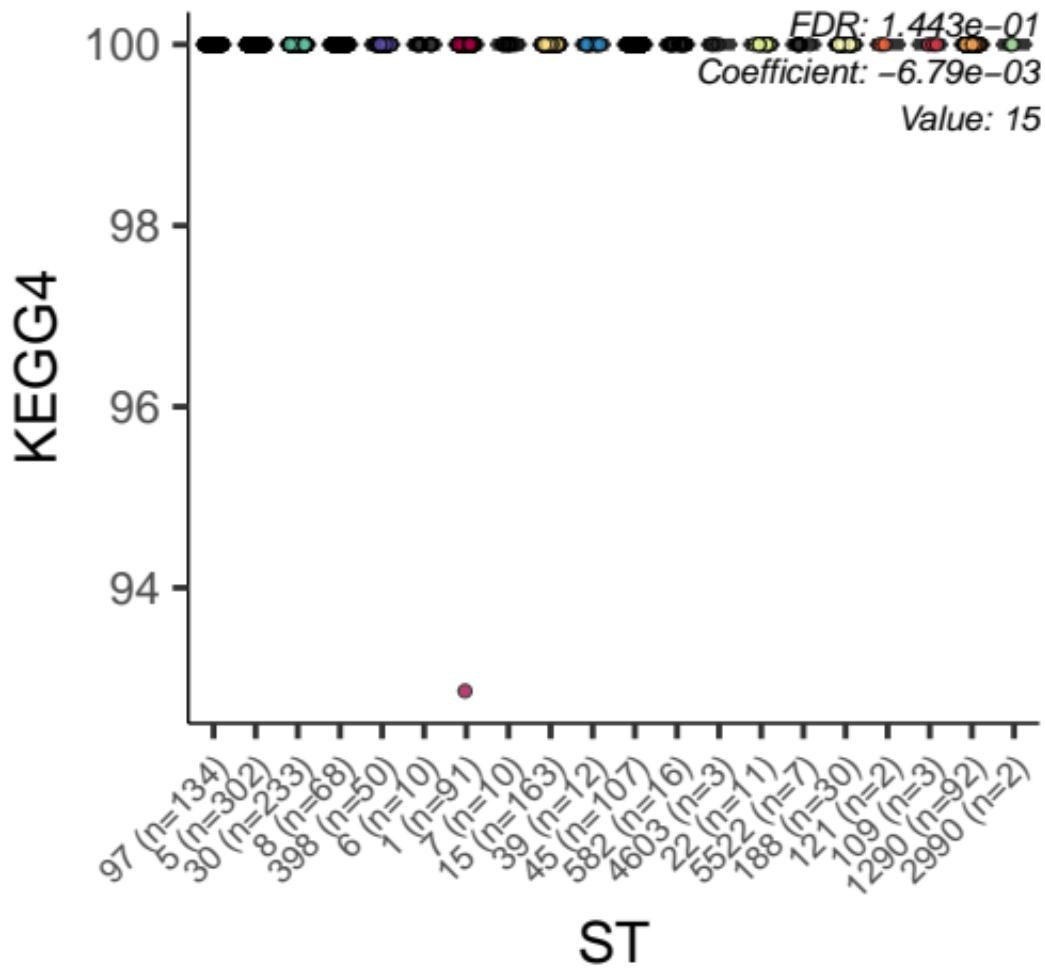


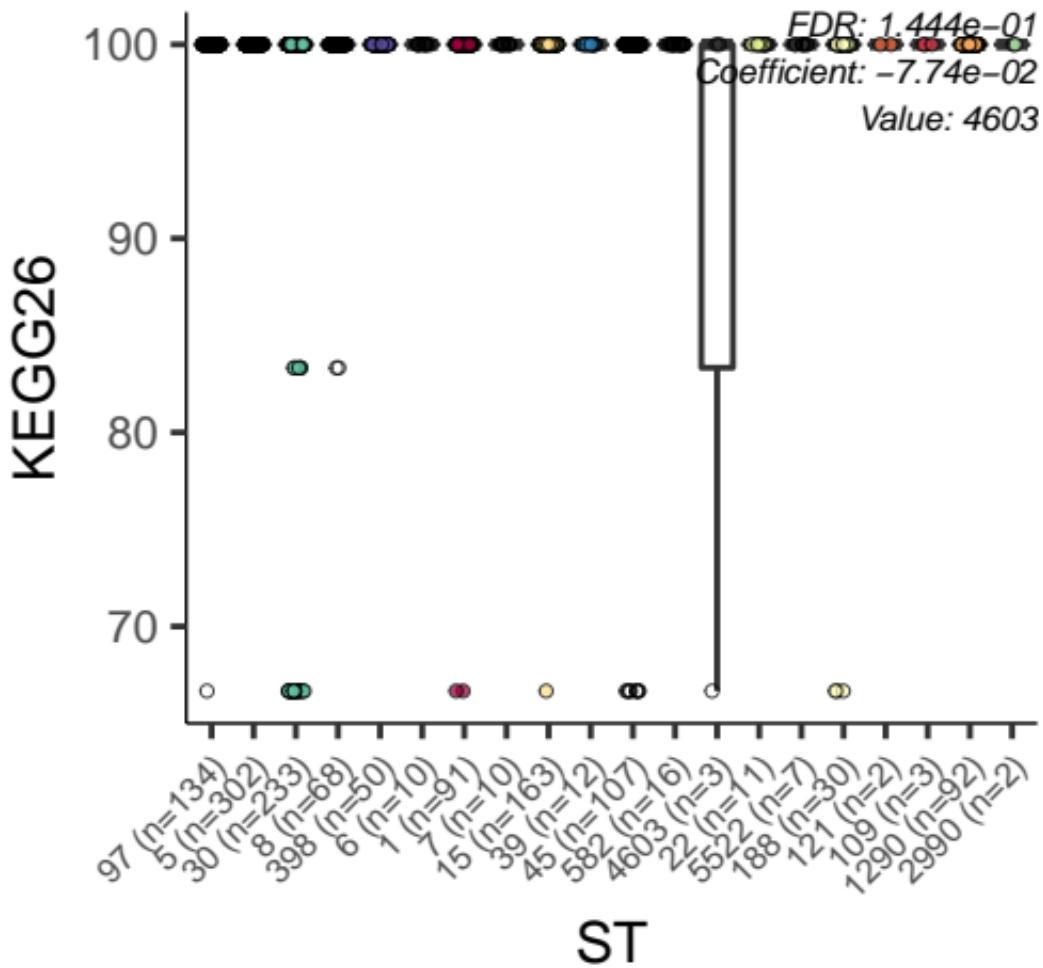


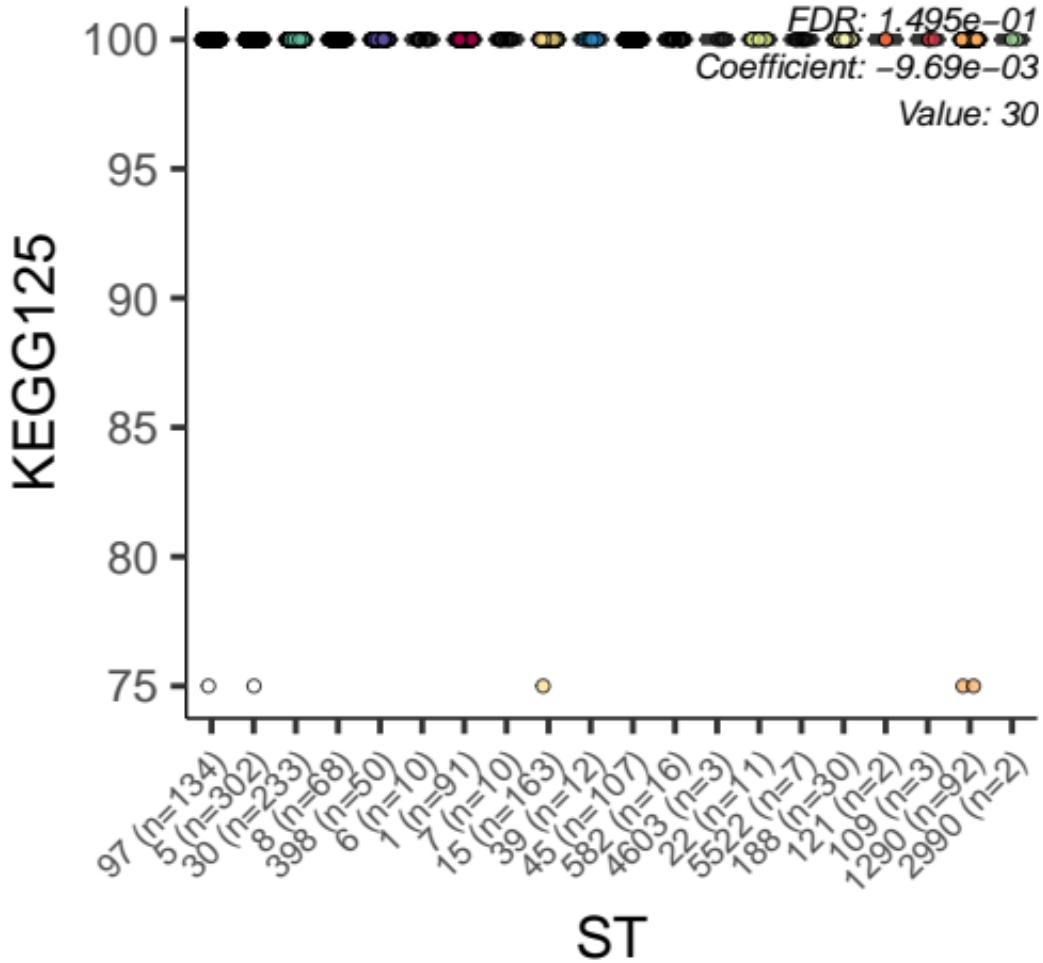


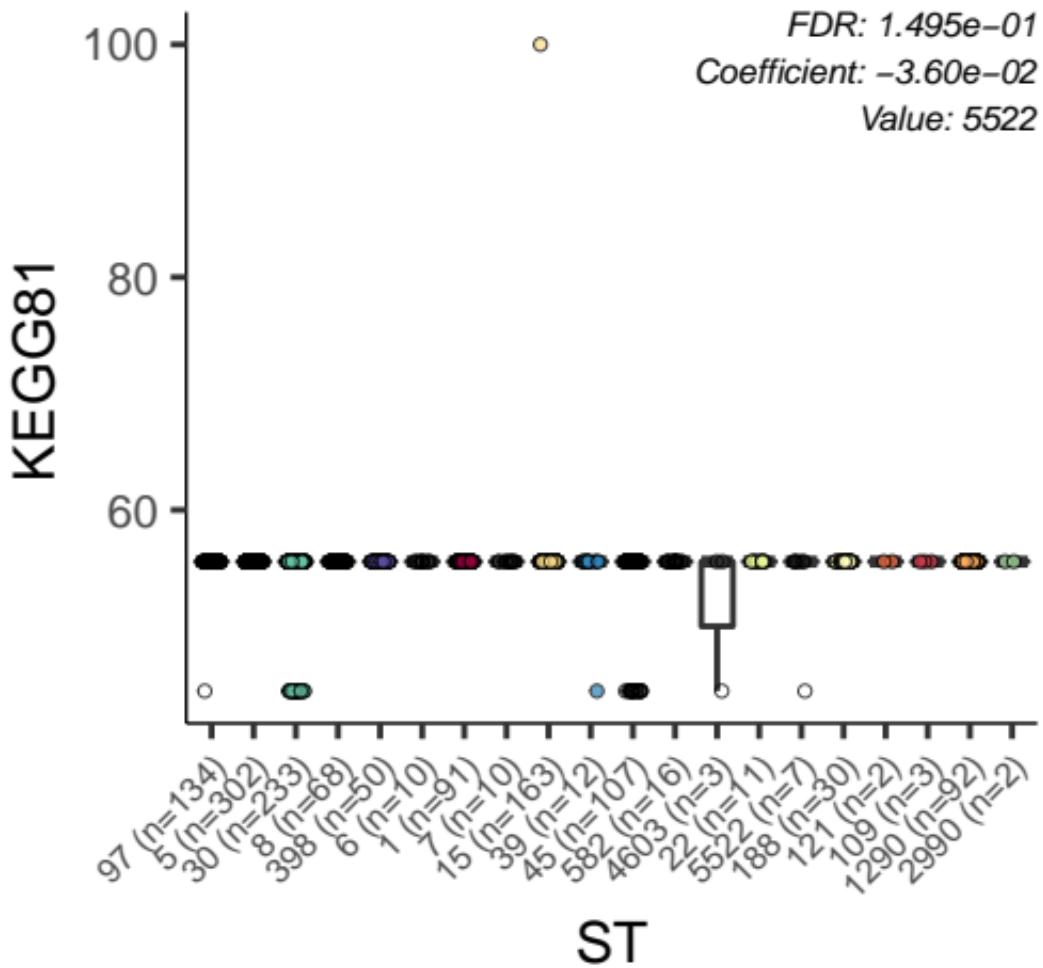


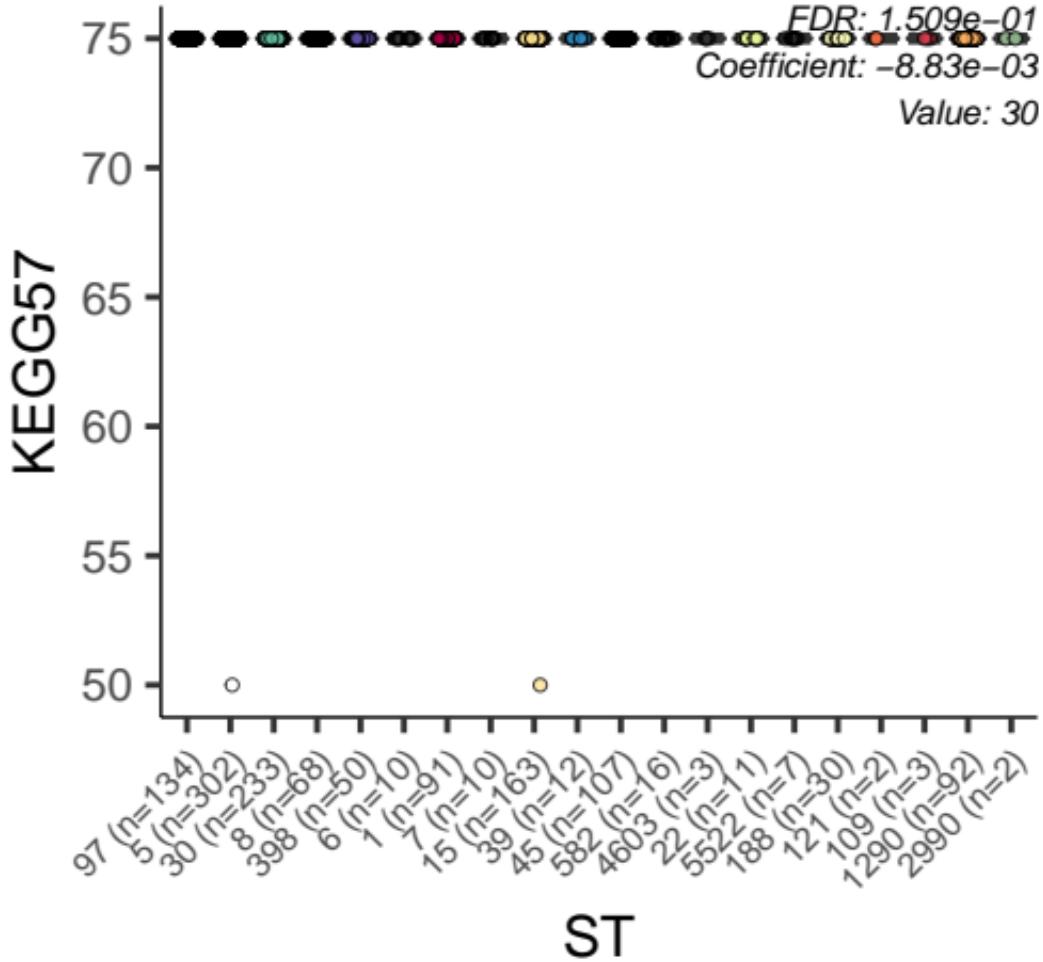


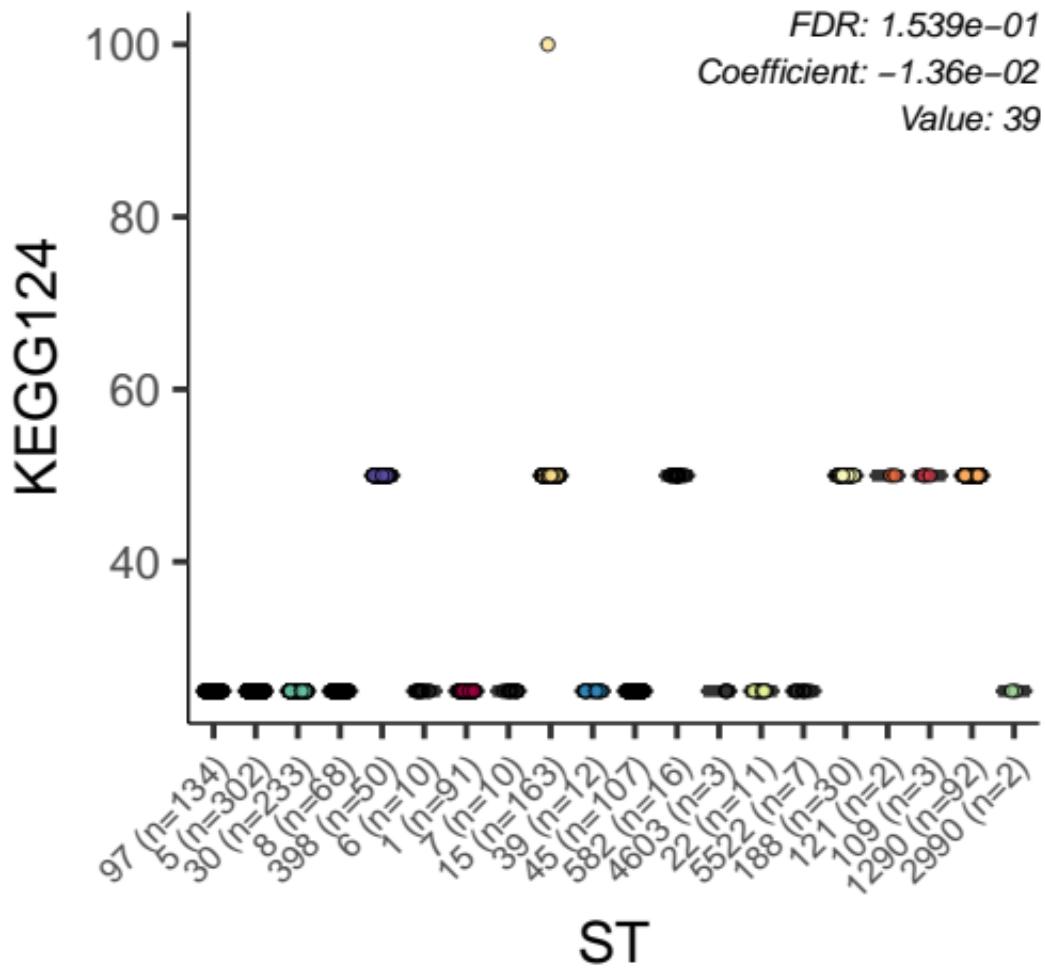


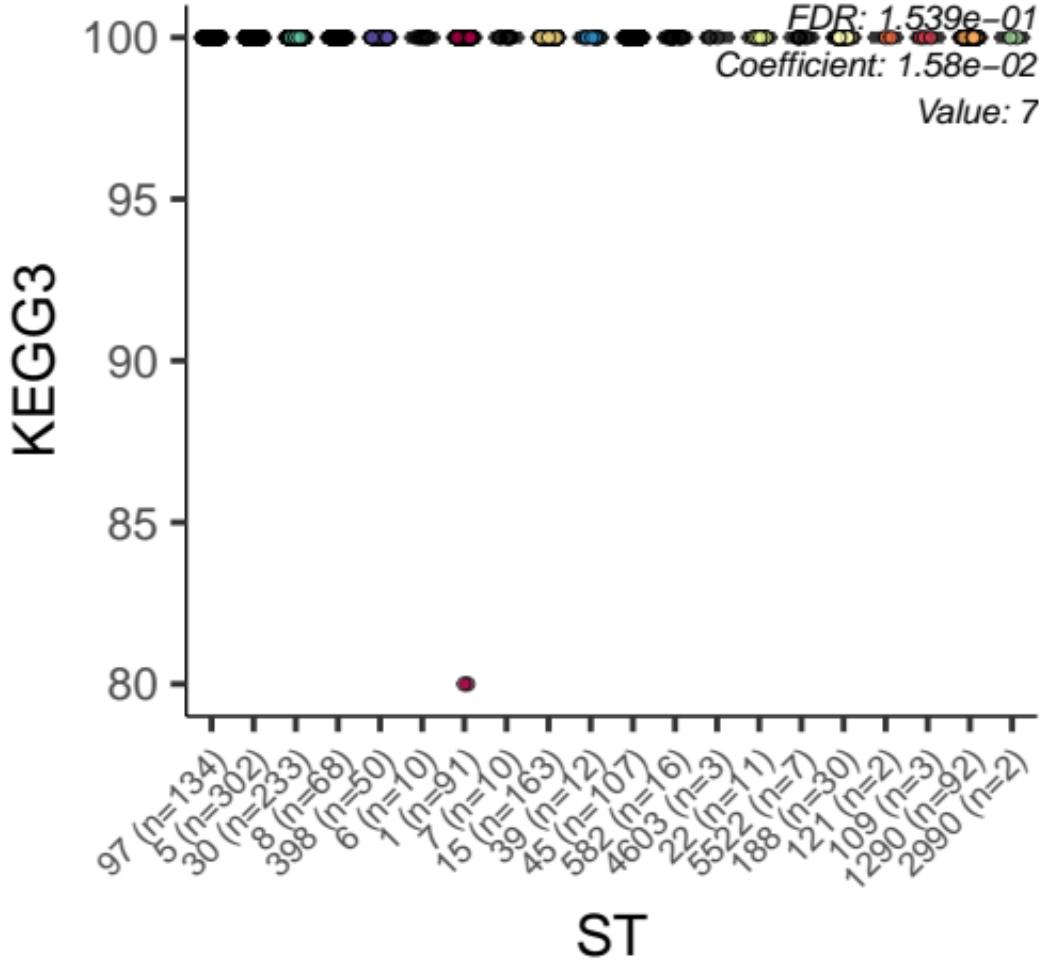


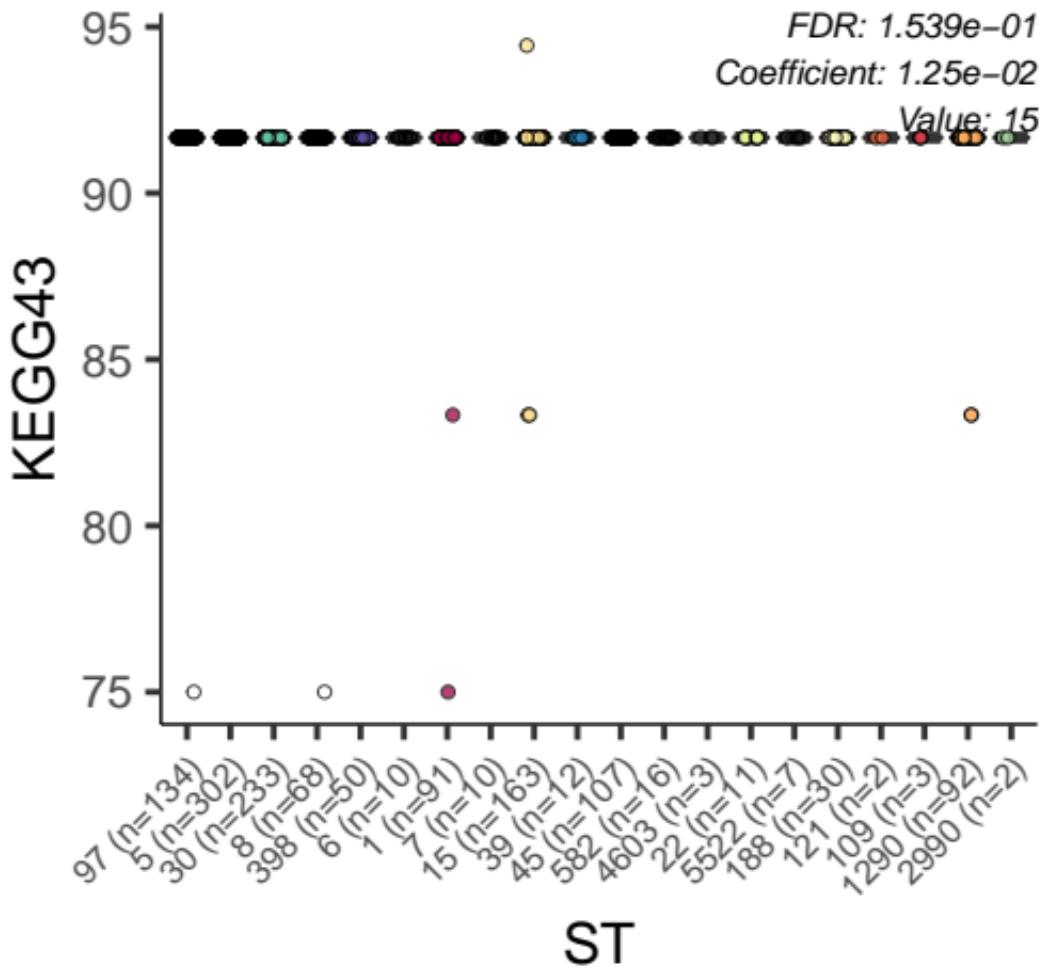


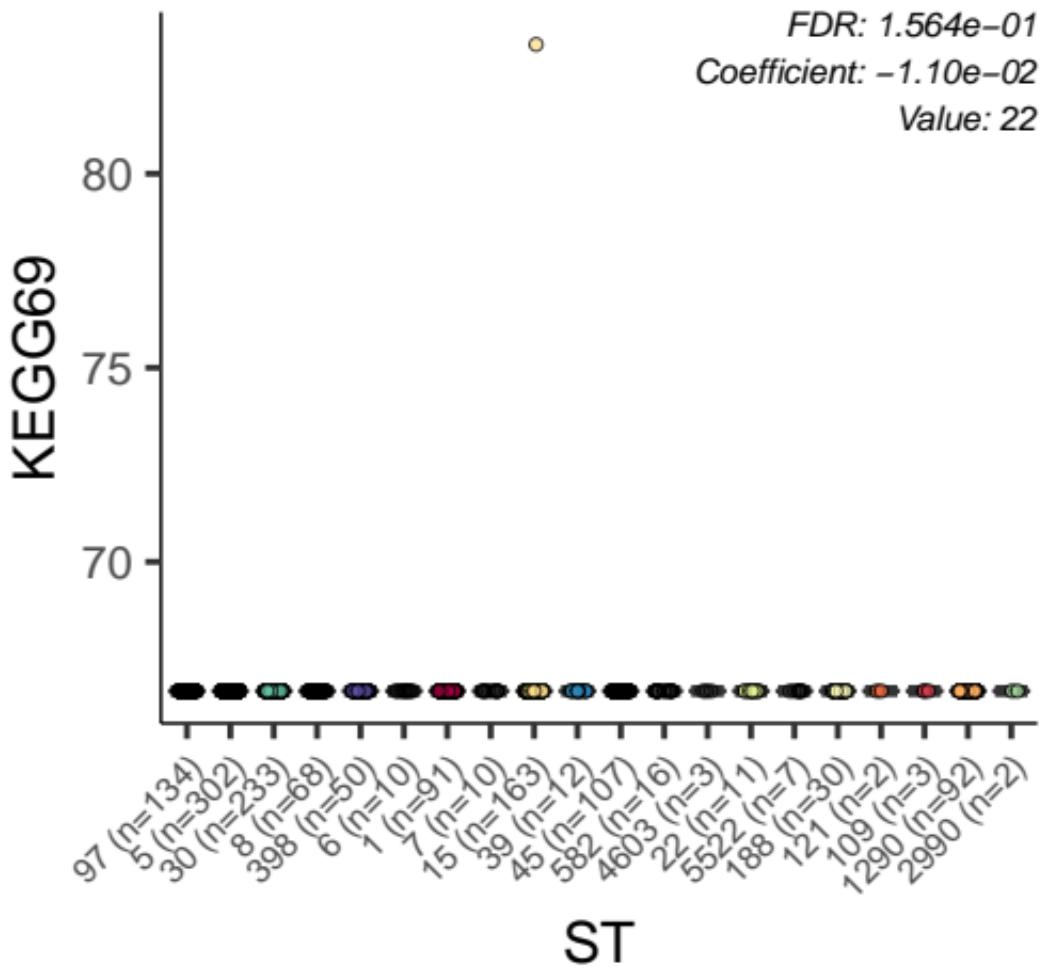




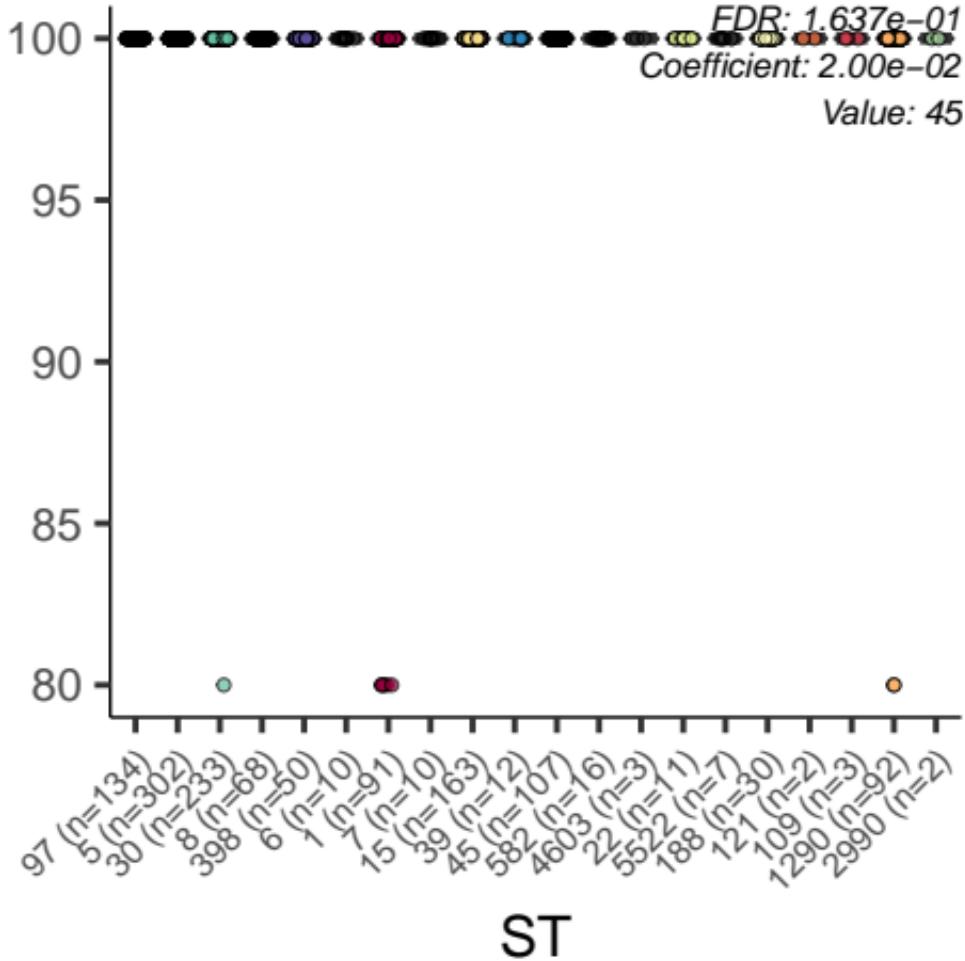




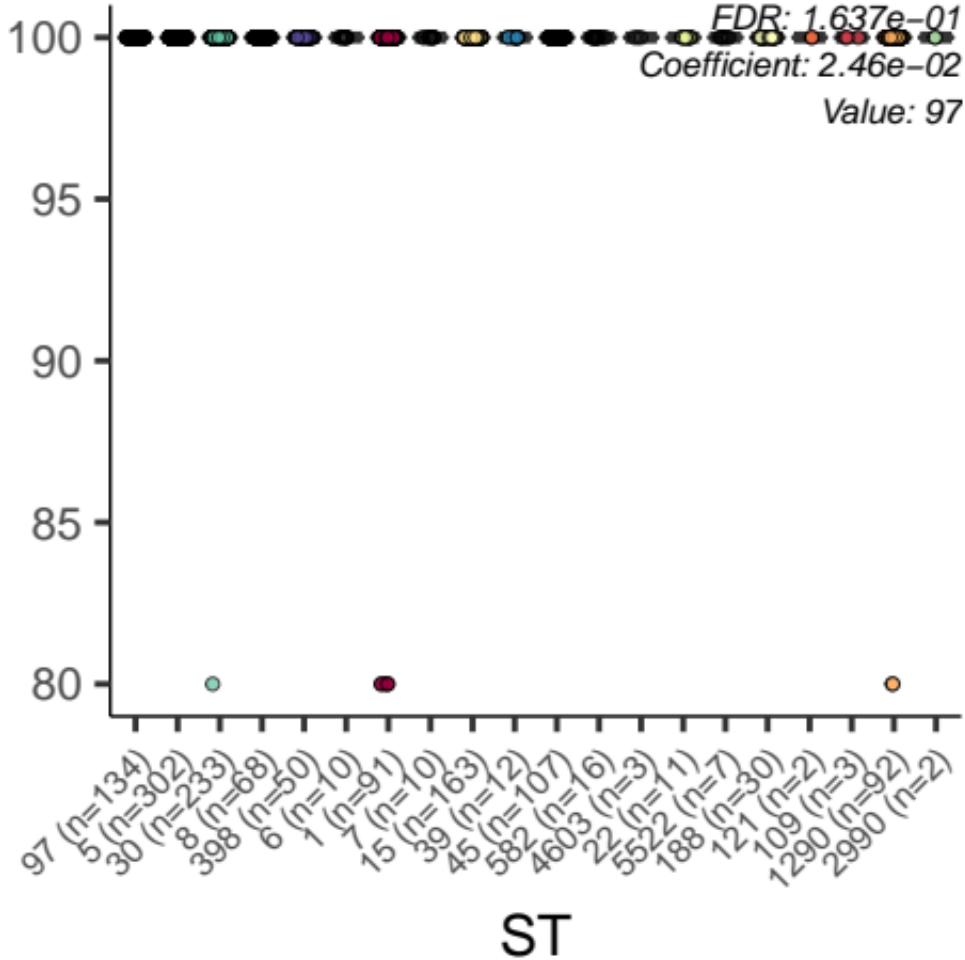


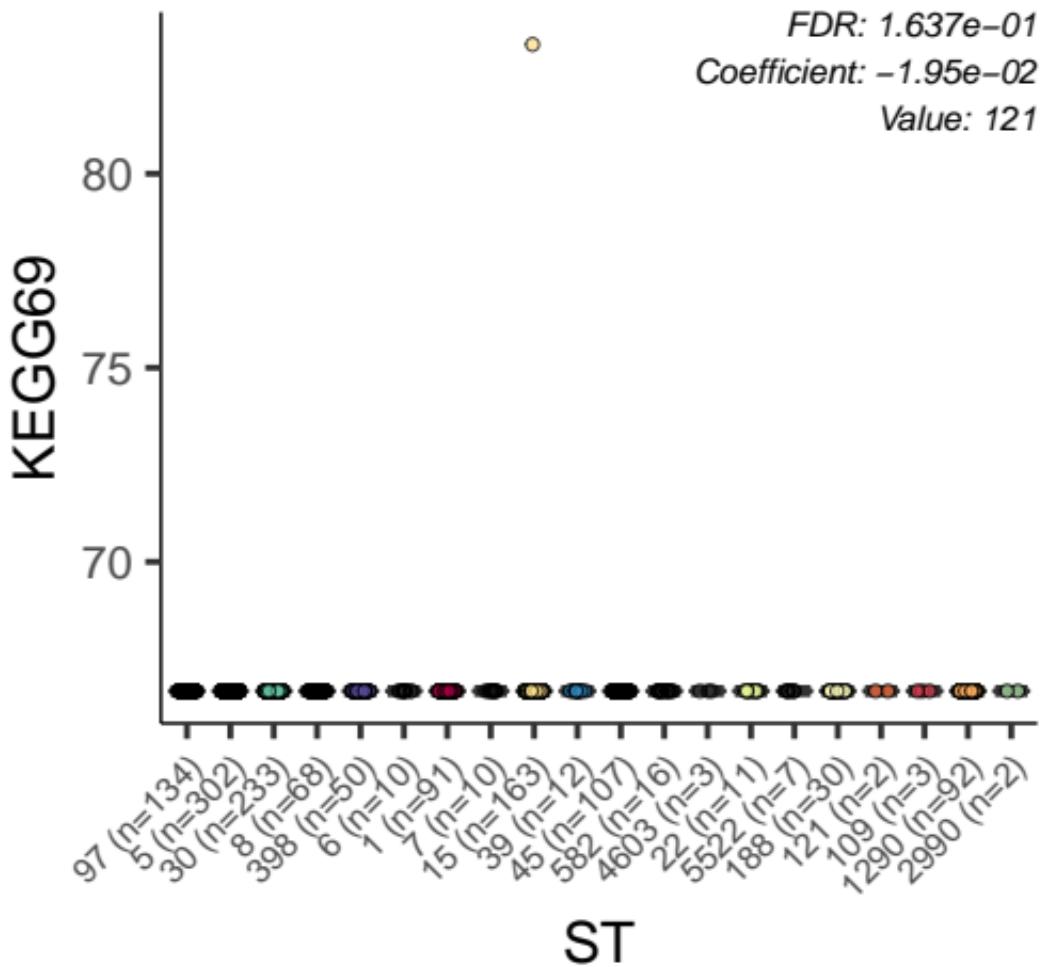


KEGG54

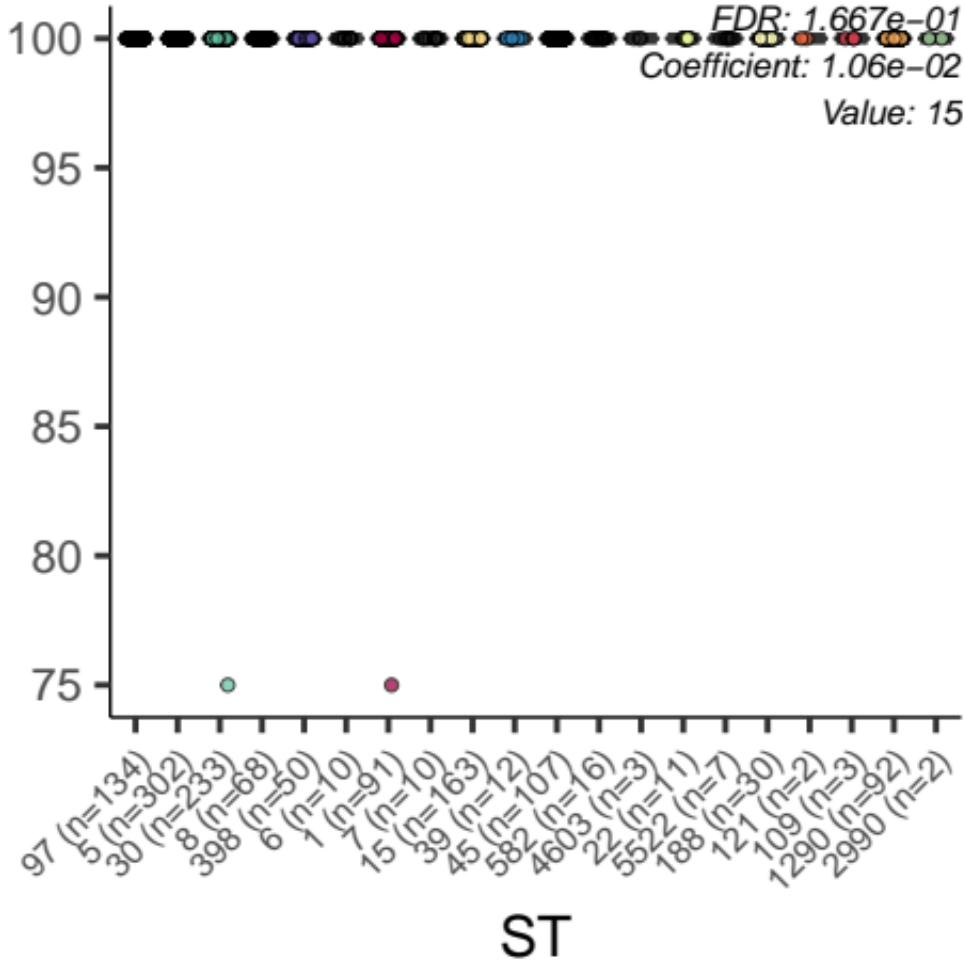


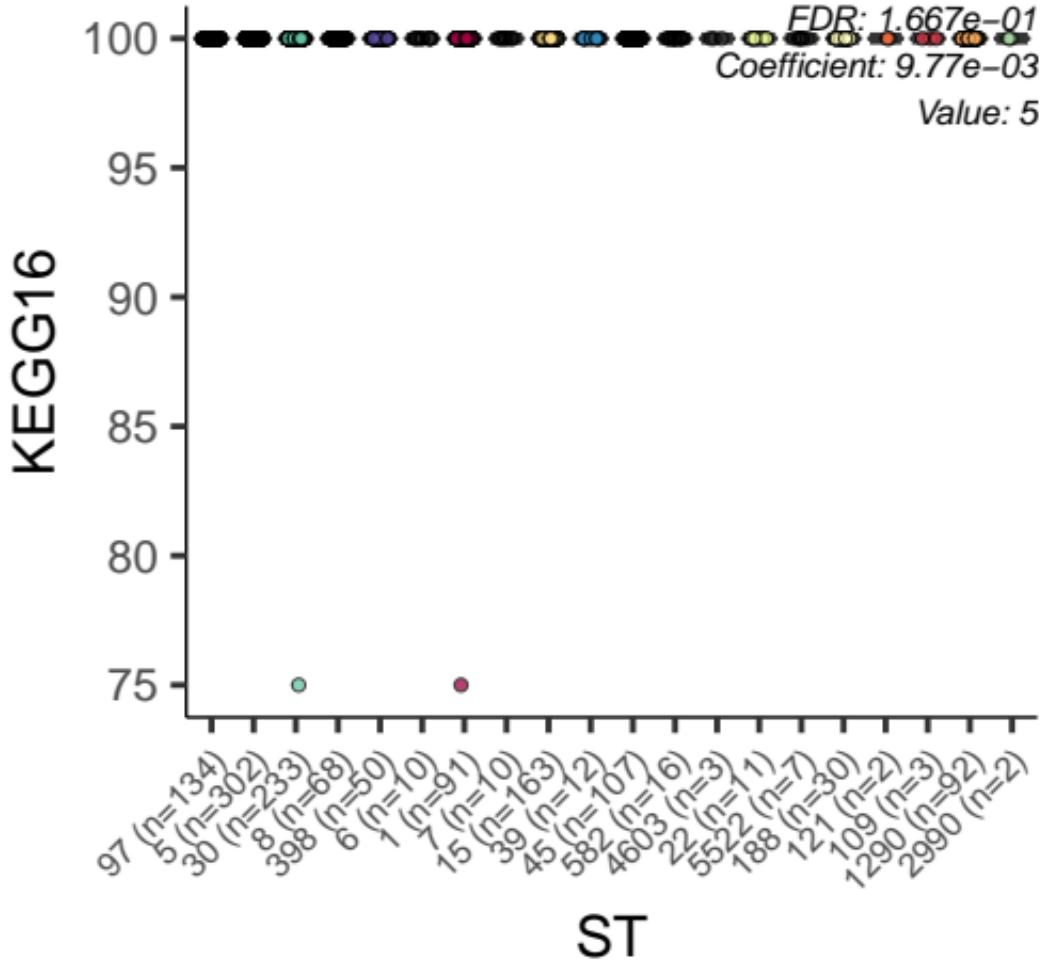
KEGG54

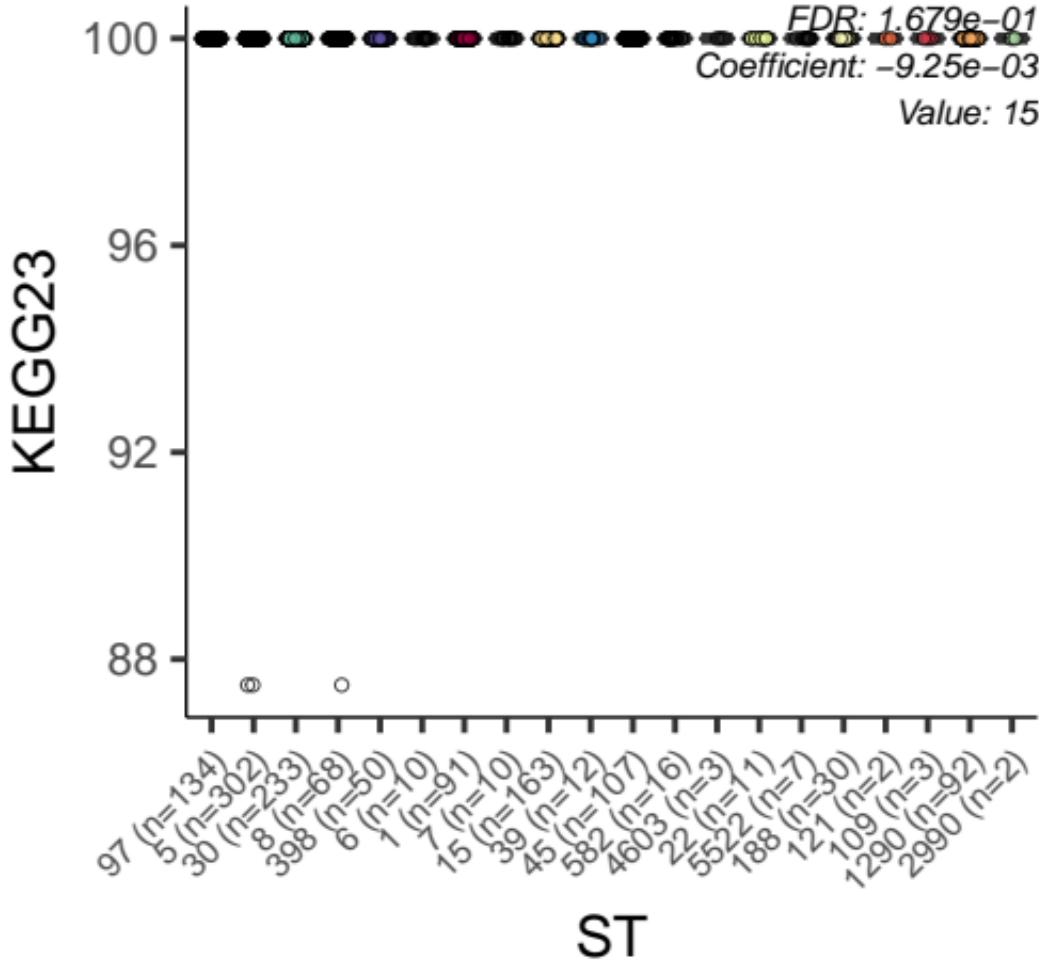


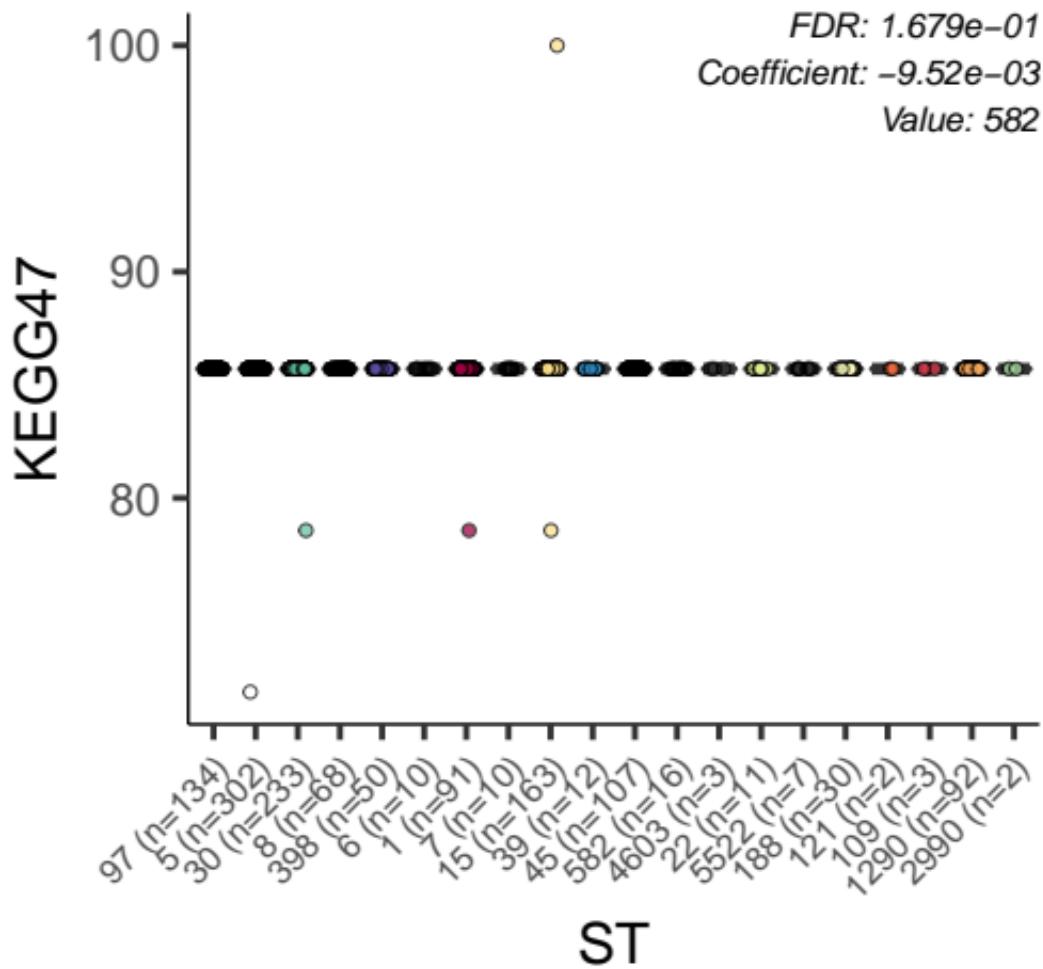


KEGG16

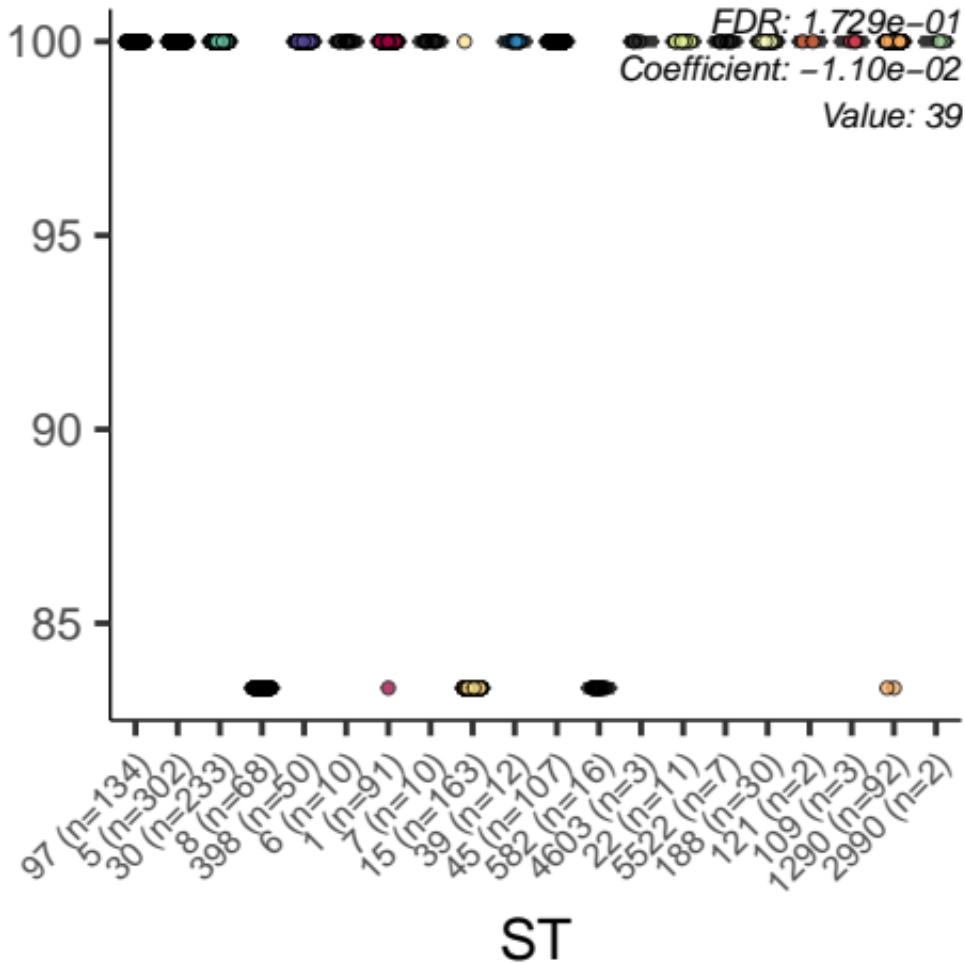


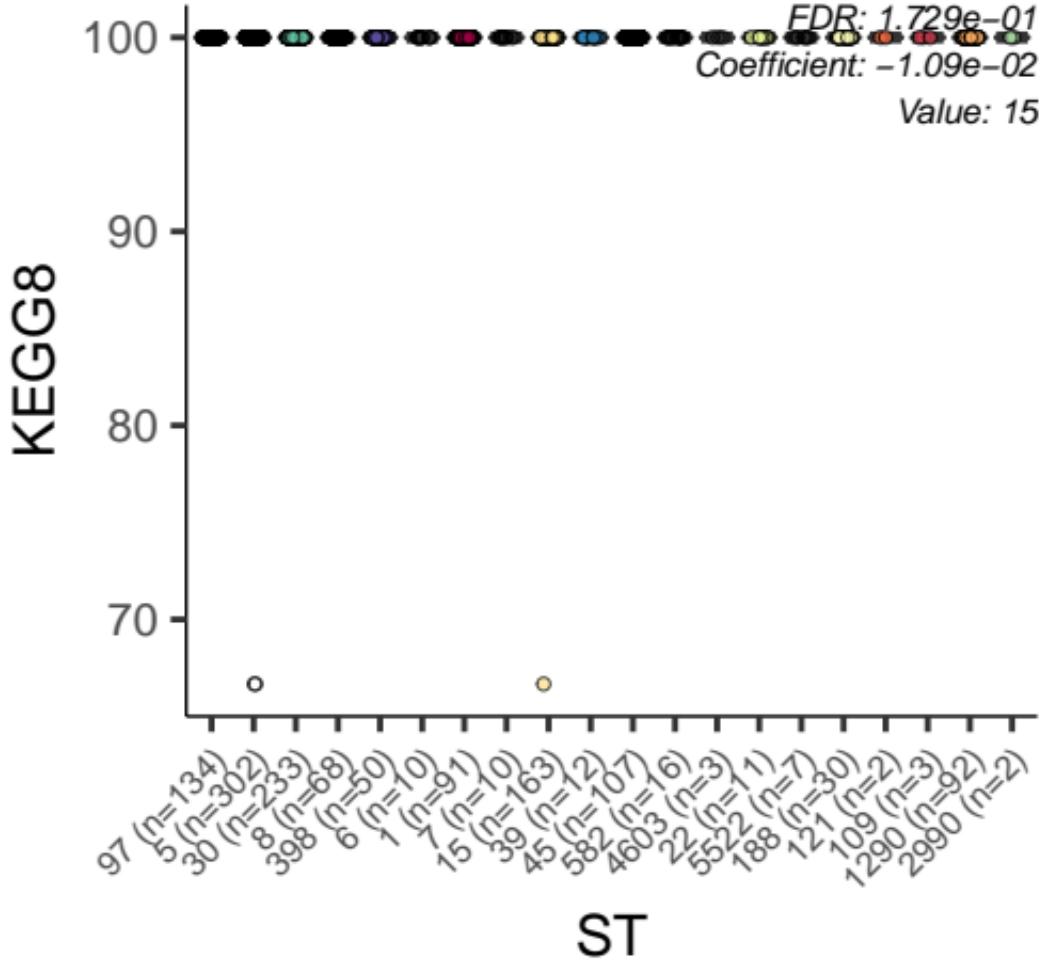




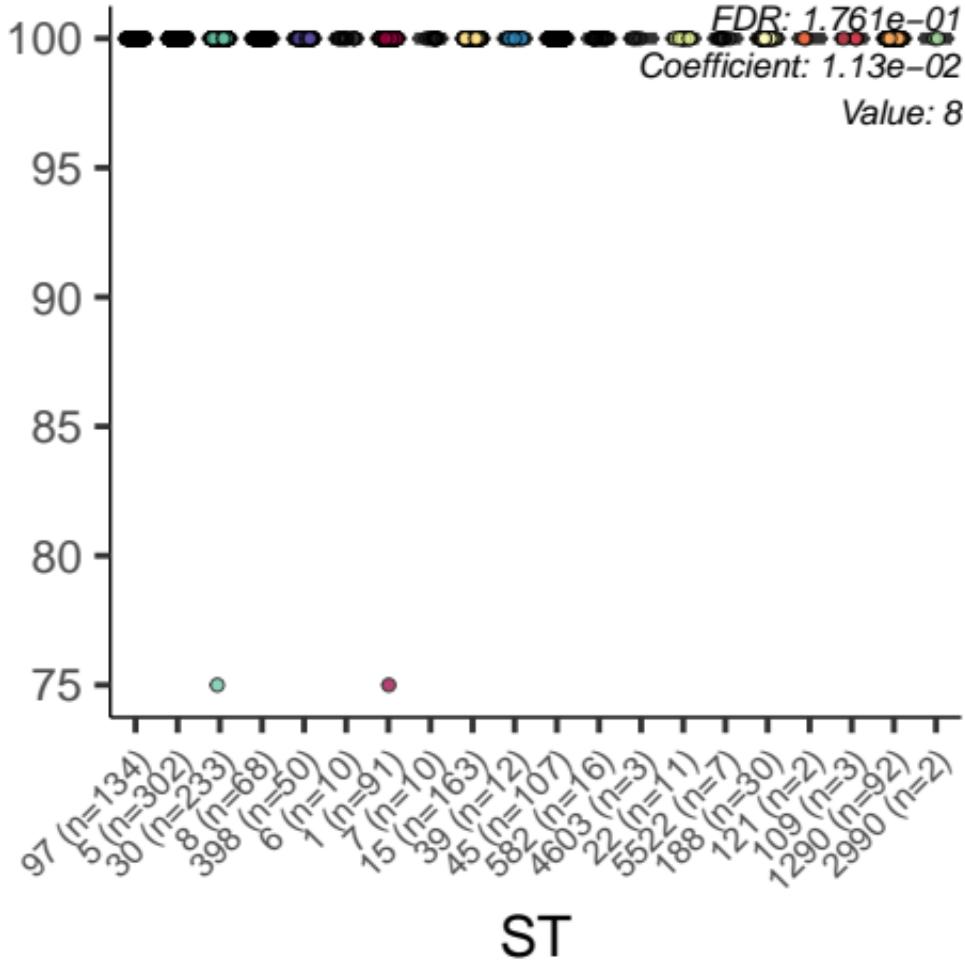


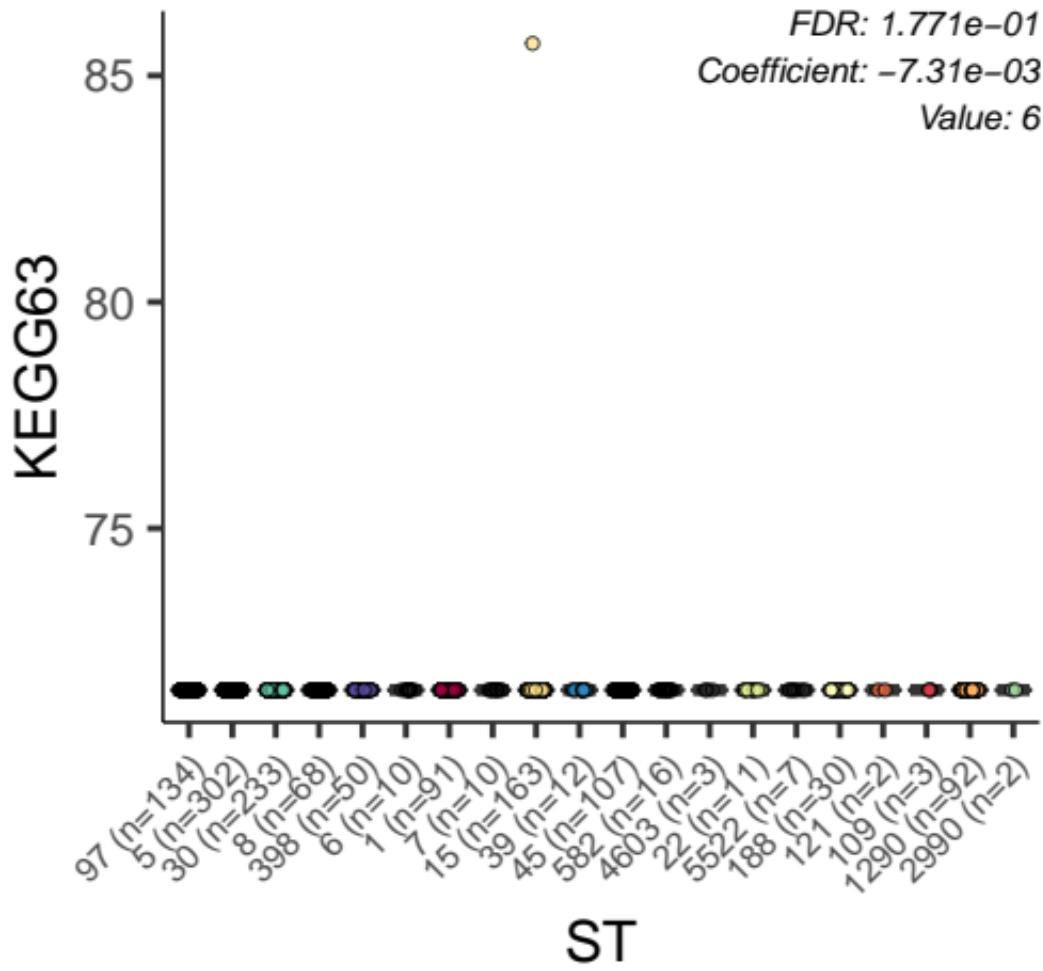
KEGG40

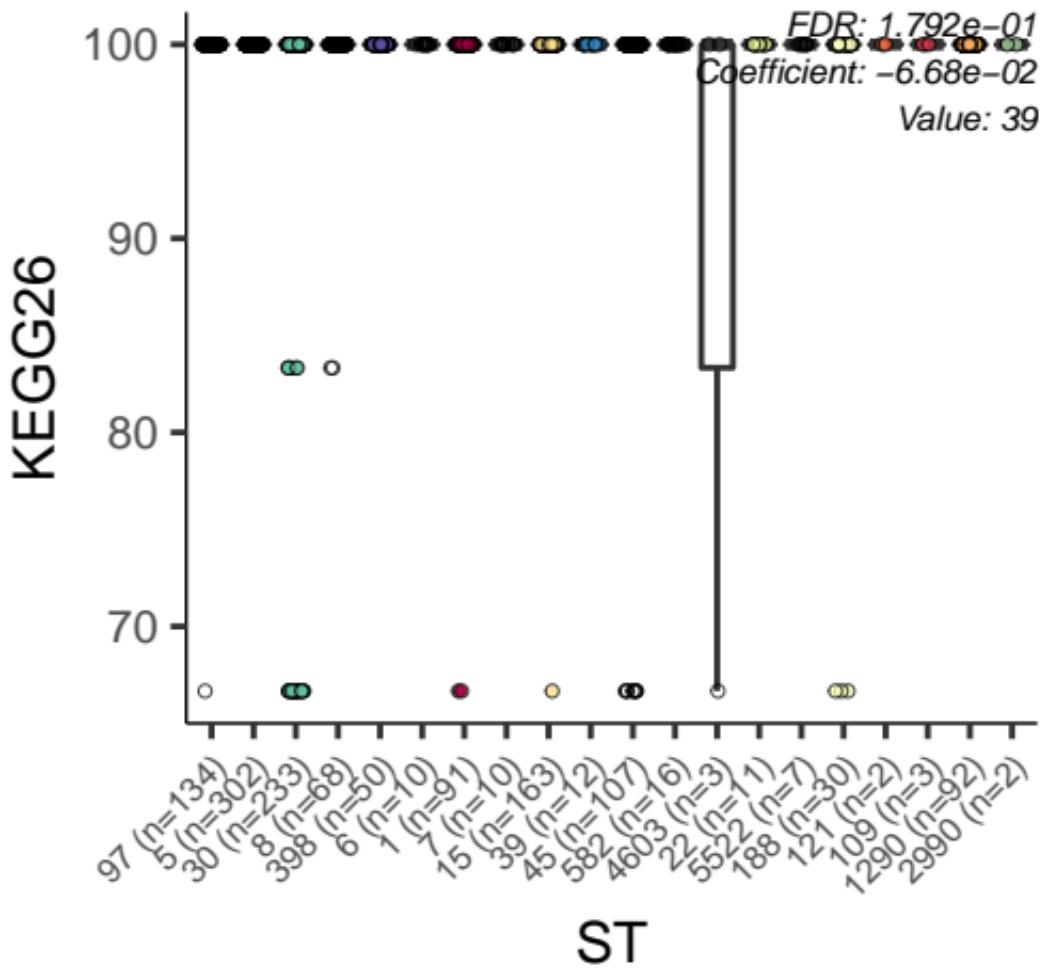




KEGG16







FDR: 1.803e-01
Coefficient: -7.31e-03
Value: 6

KEGG74

72.5

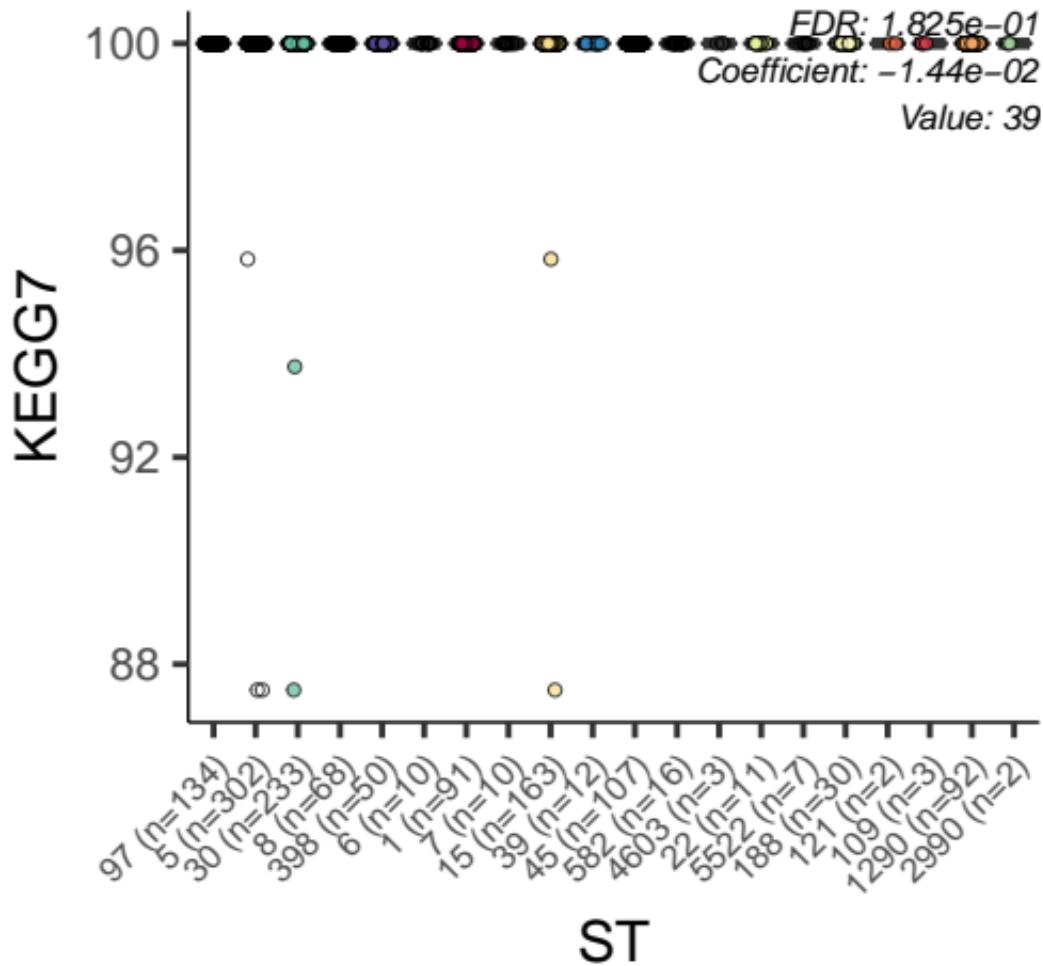
70.0

67.5

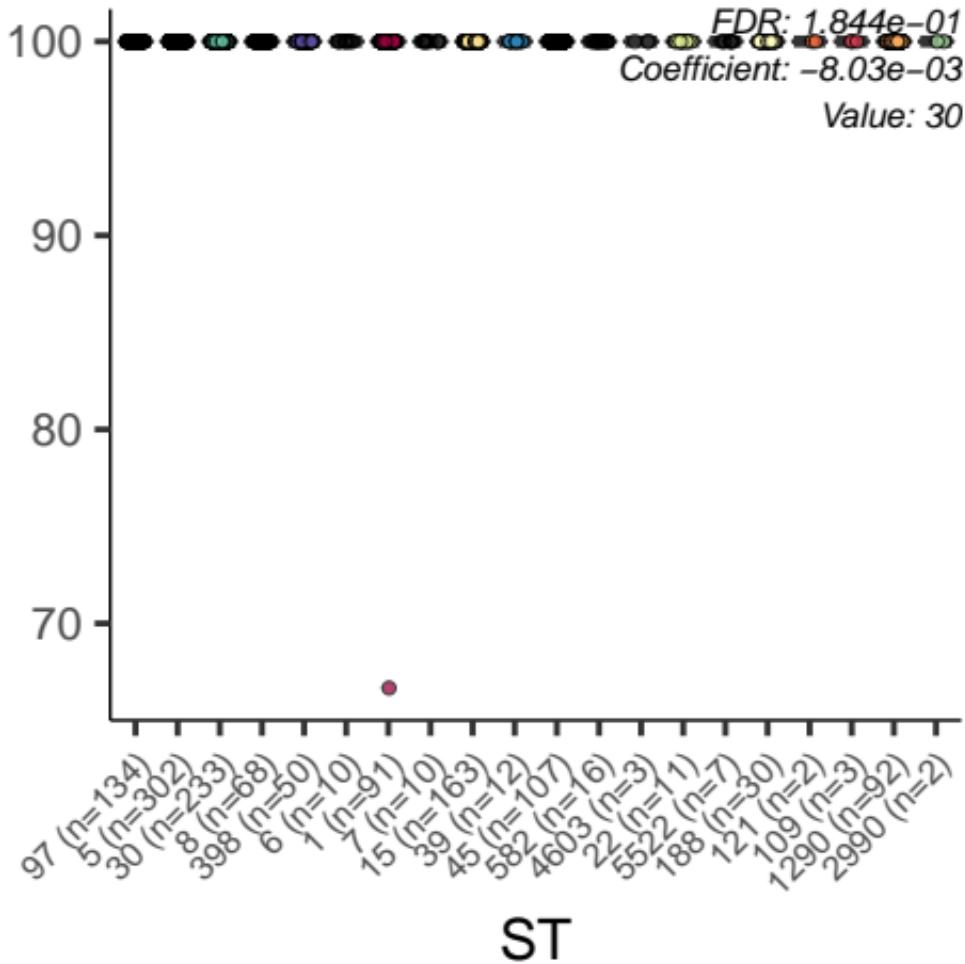
65.0

97 (n=134)
5 (n=302)
30 (n=233)
38 (n=68)
398 (n=50)
6 (n=10)
1 (n=91)
15 (n=10)
39 (n=163)
35 (n=121)
582 (n=107)
4603 (n=16)
222 (n=3)
188 (n=11)
552 (n=1)
121 (n=30)
106 (n=2)
1290 (n=3)
2990 (n=2)

ST



KEGG17



KEGG103

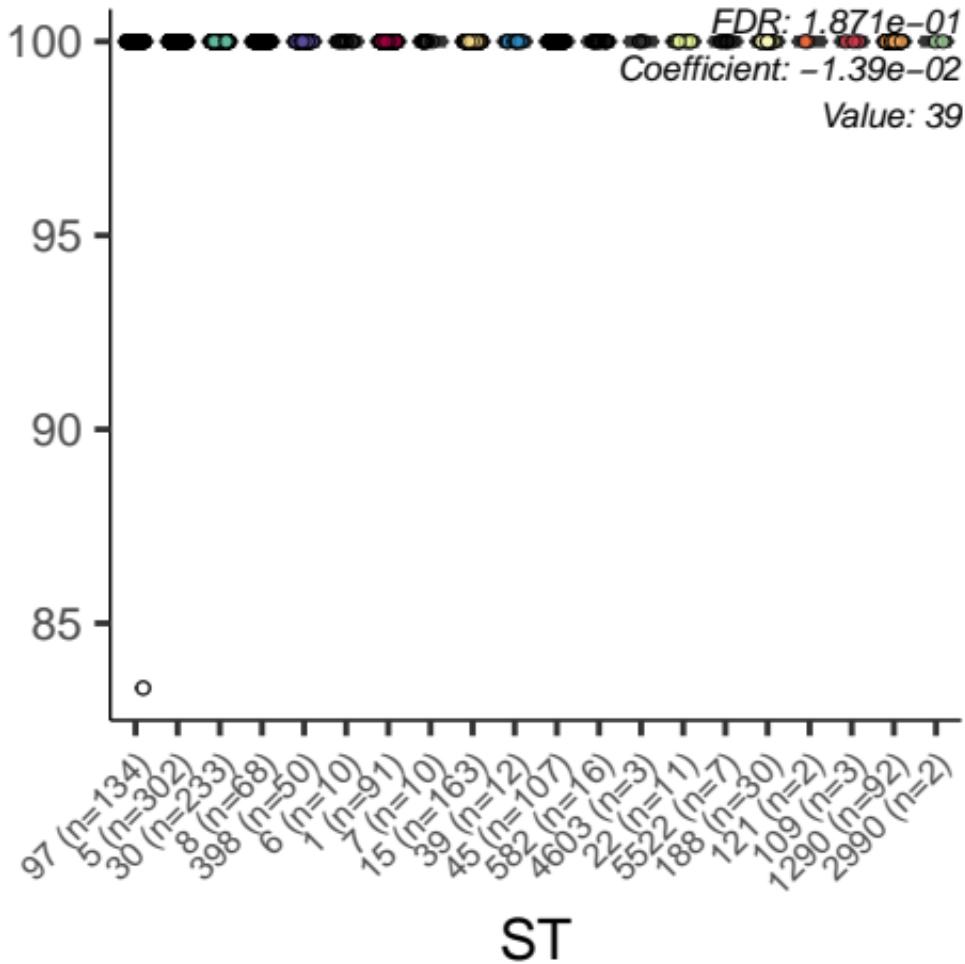
100
80
60
40

FDR: 1.871e-01
Coefficient: -1.33e-02
Value: 39

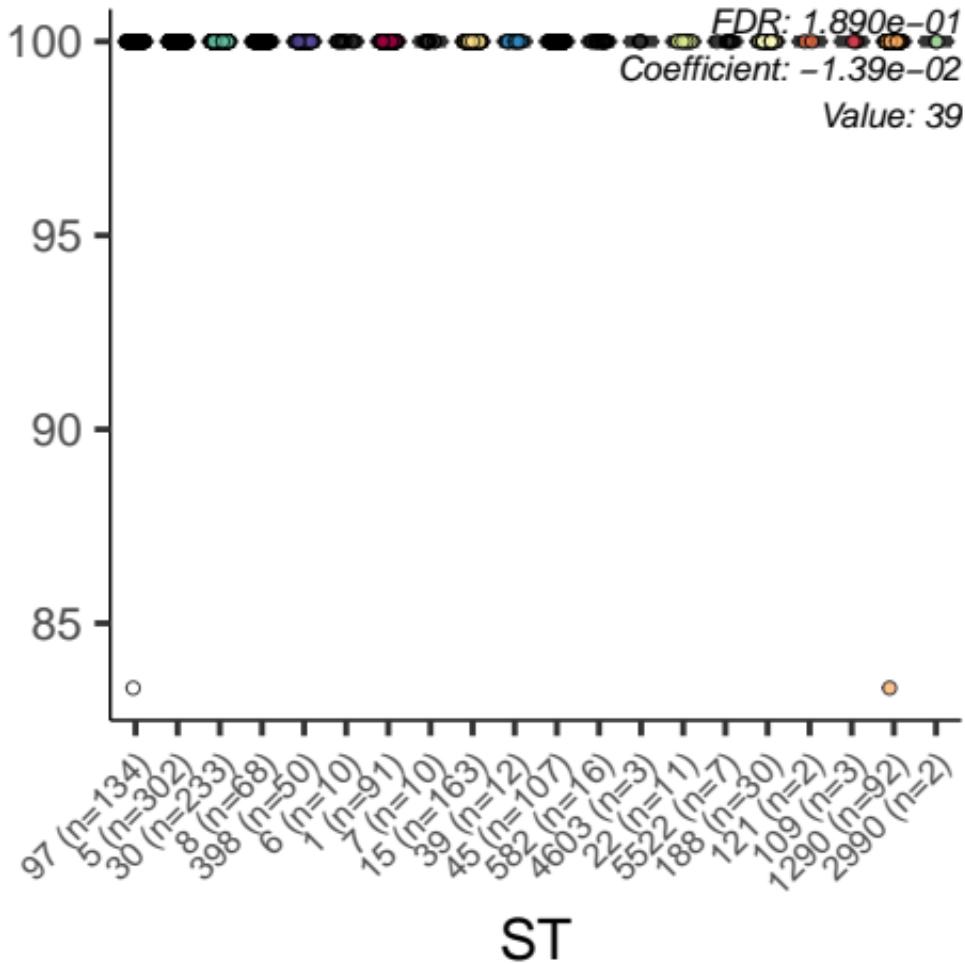
ST

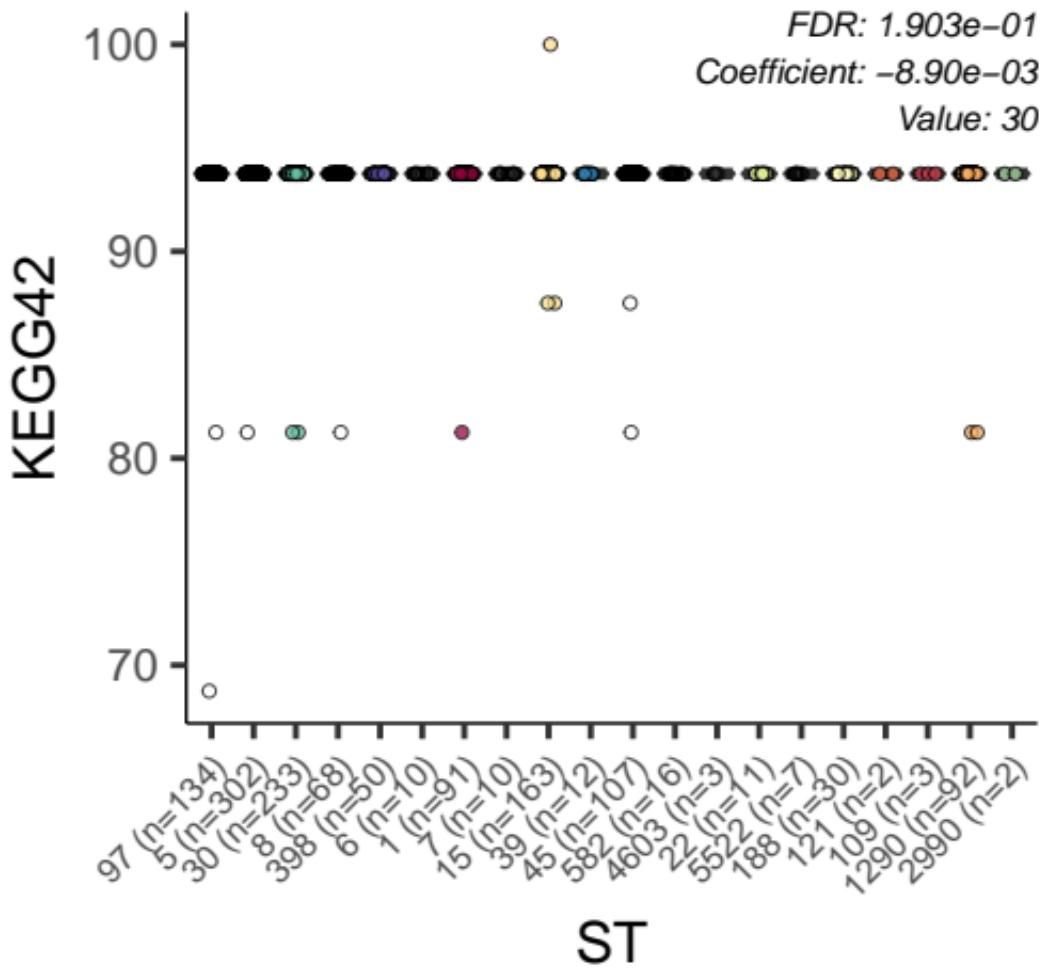
97 (n=134)
5 (n=302)
30 (n=233)
398 (n=68)
8 (n=50)
6 (n=10)
1 (n=91)
15 (n=10)
39 (n=163)
45 (n=12)
582 (n=107)
4603 (n=16)
22 (n=3)
552 (n=11)
788 (n=7)
121 (n=30)
106 (n=2)
1290 (n=3)
2990 (n=2)

KEGG18

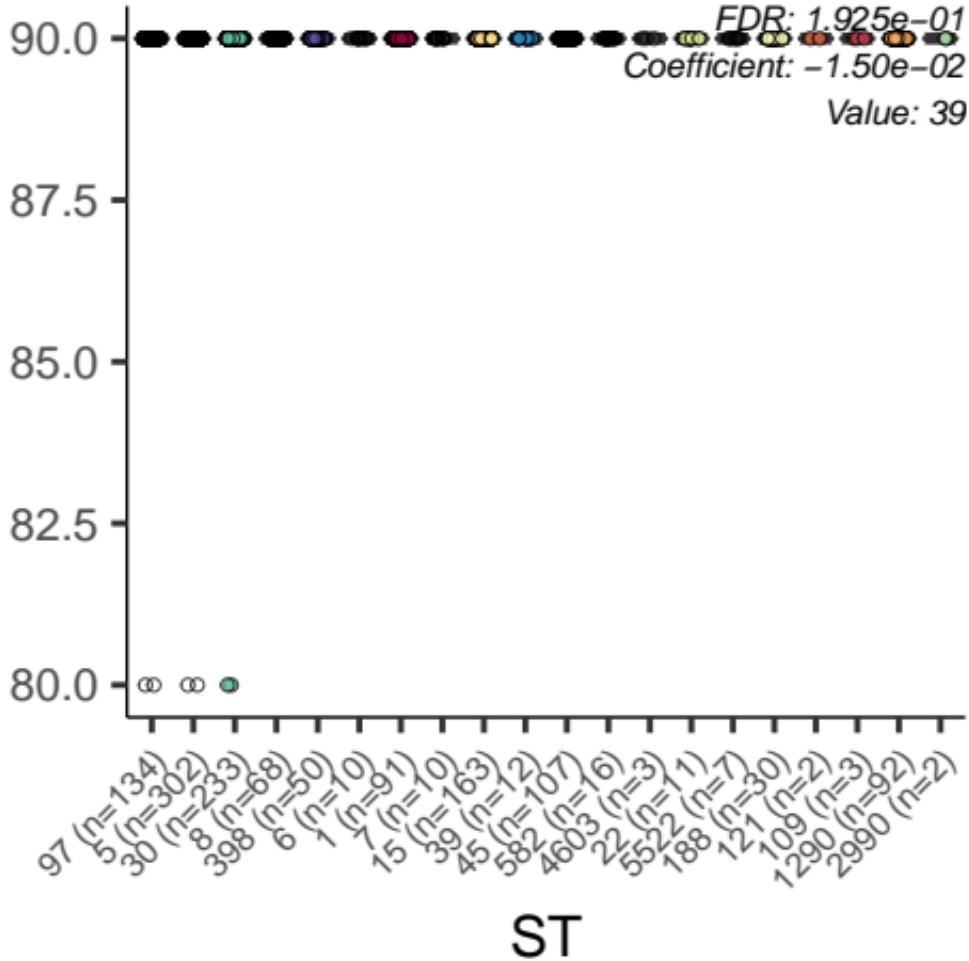


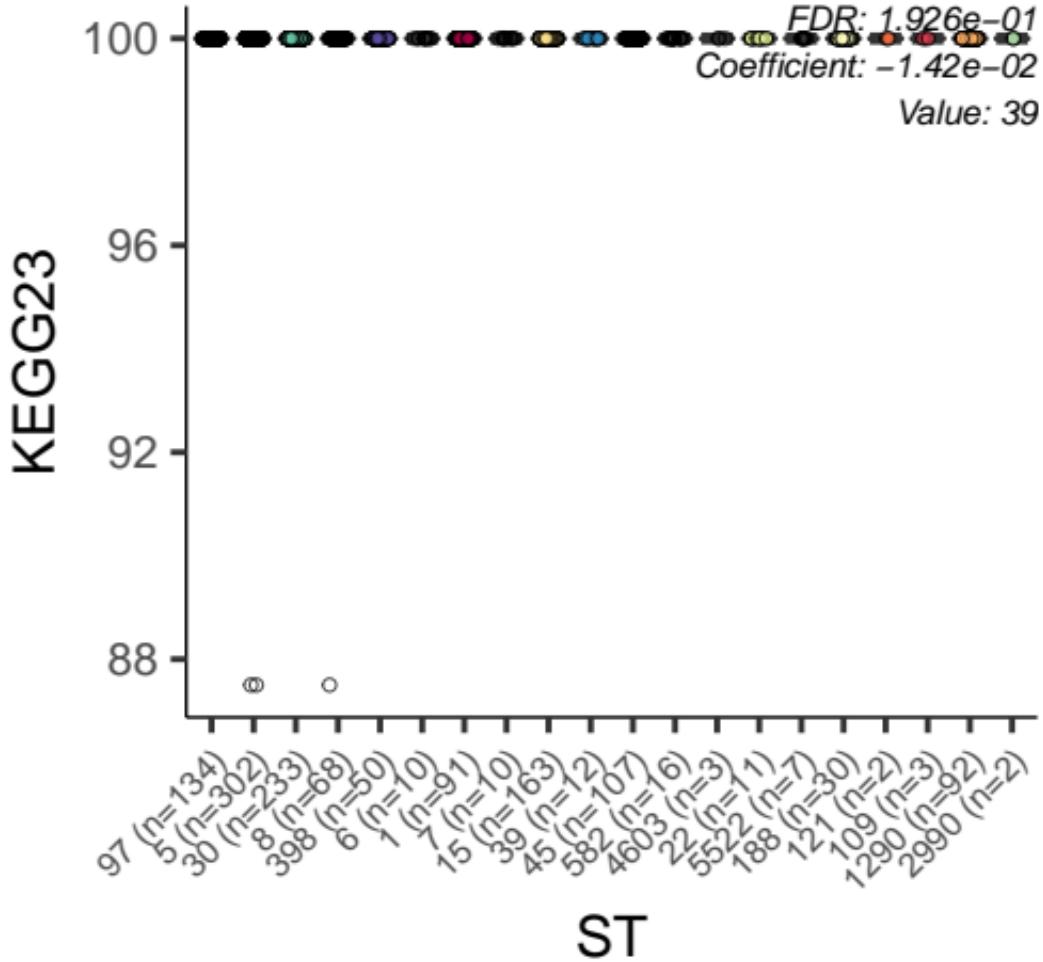
KEGG25

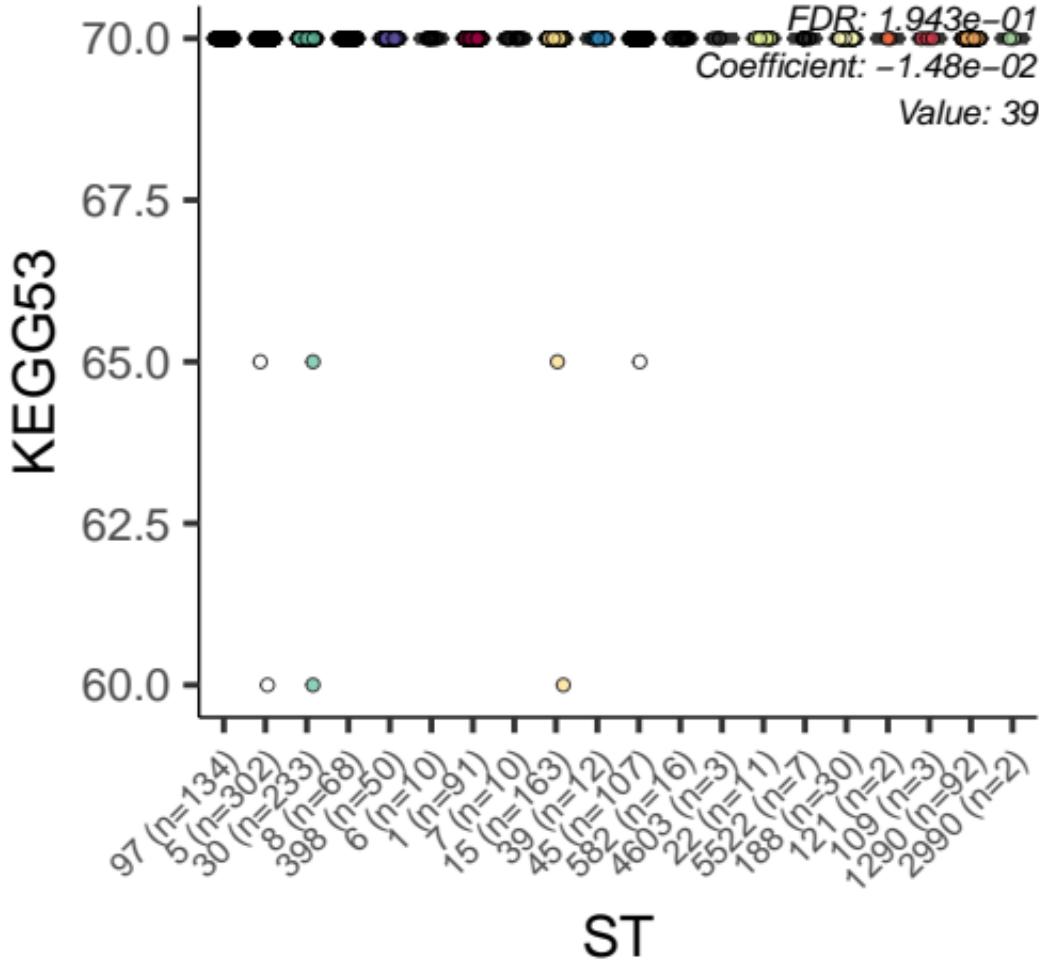


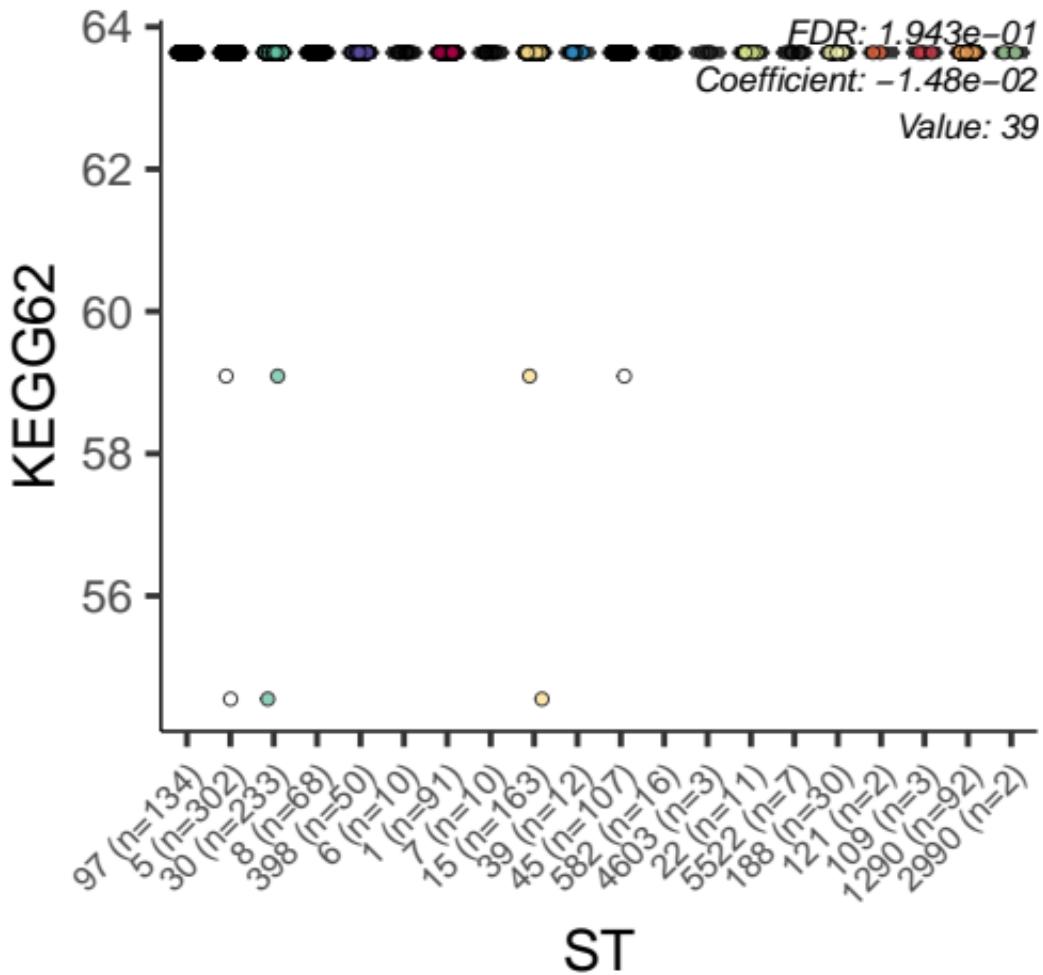


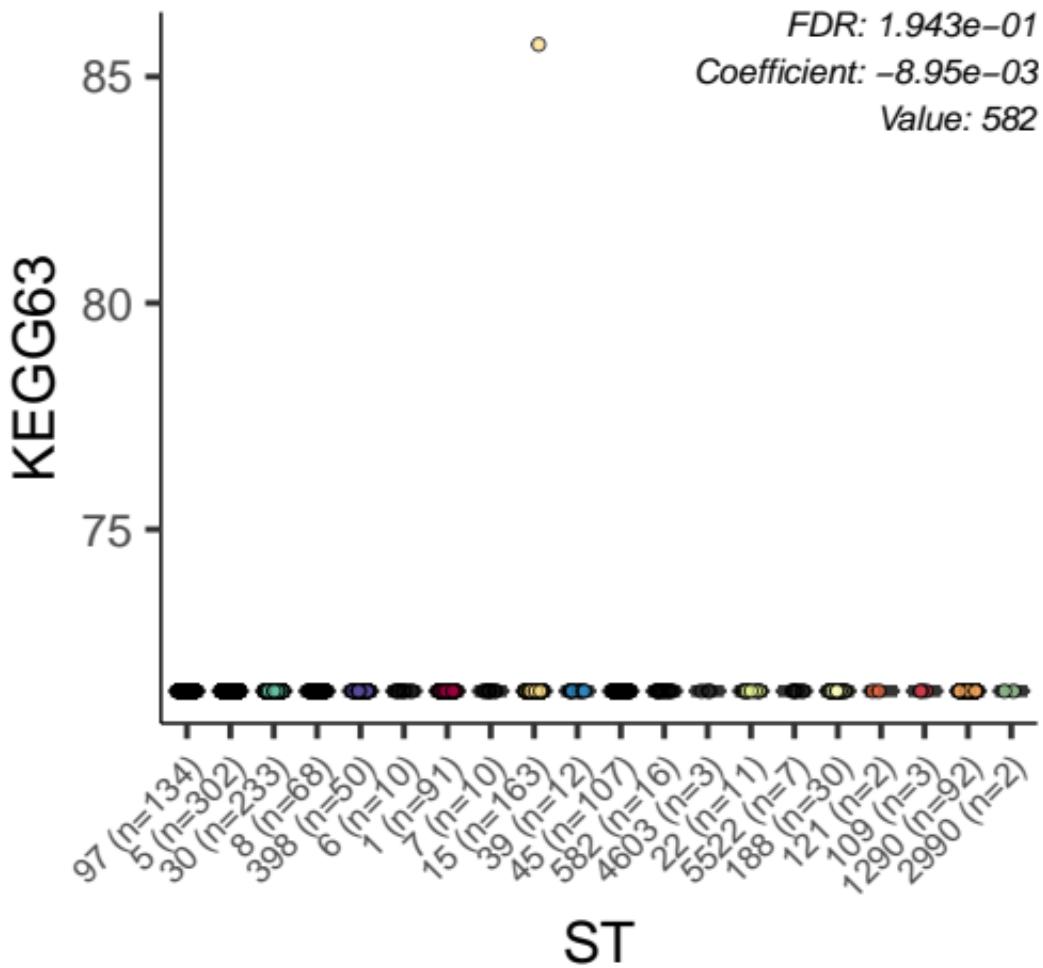
KEGG19











100

FDR: 1.943e-01

90

Coefficient: 8.51e-02

80

Value: 22

70

60

50

KEGG56

97 (n=134)
 5 (n=202)
 20 (n=23)
 298 (n=68)
 6 (n=50)
 1 (n=10)
 15 (n=91)
 39 (n=10)
 45 (n=163)
 582 (n=123)
 4603 (n=107)
 2 (n=3)
 55 (n=16)
 188 (n=7)
 2 (n=3)
 121 (n=30)
 106 (n=2)
 1290 (n=3)
 2990 (n=2)

ST

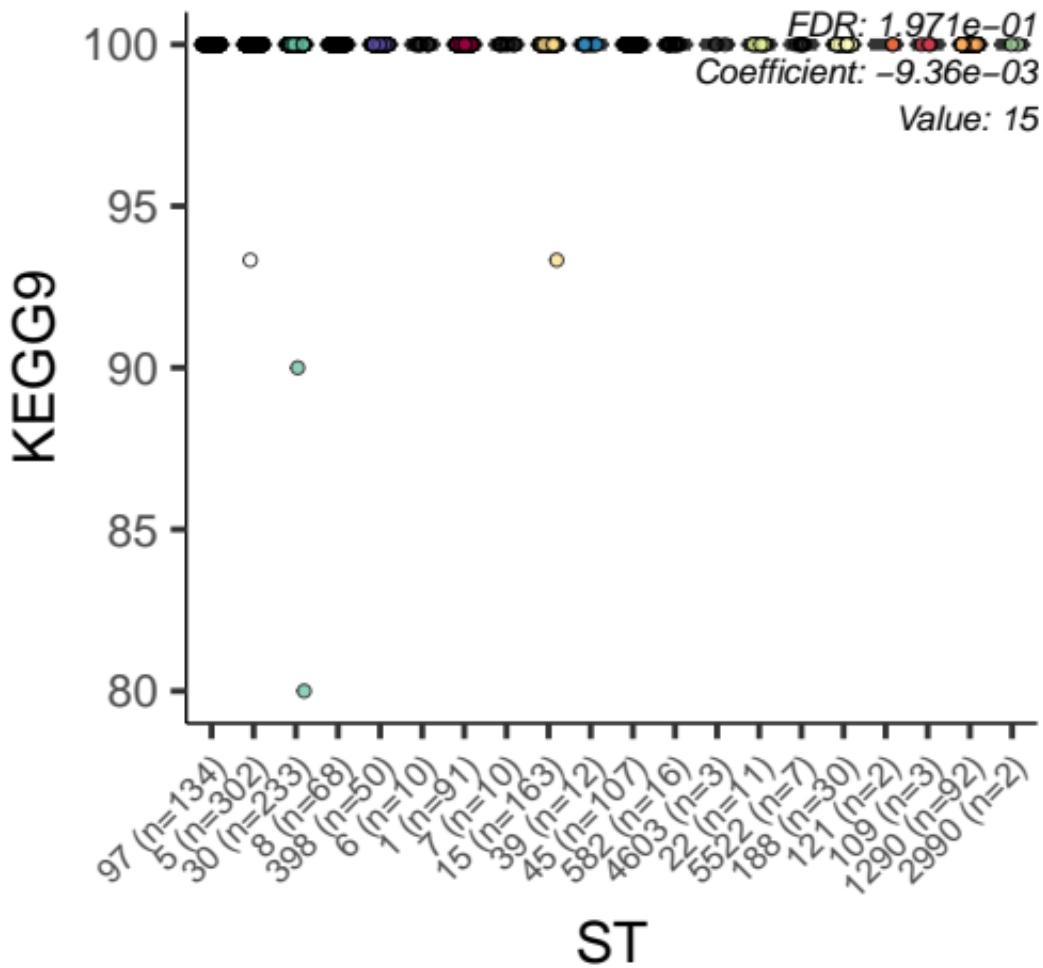
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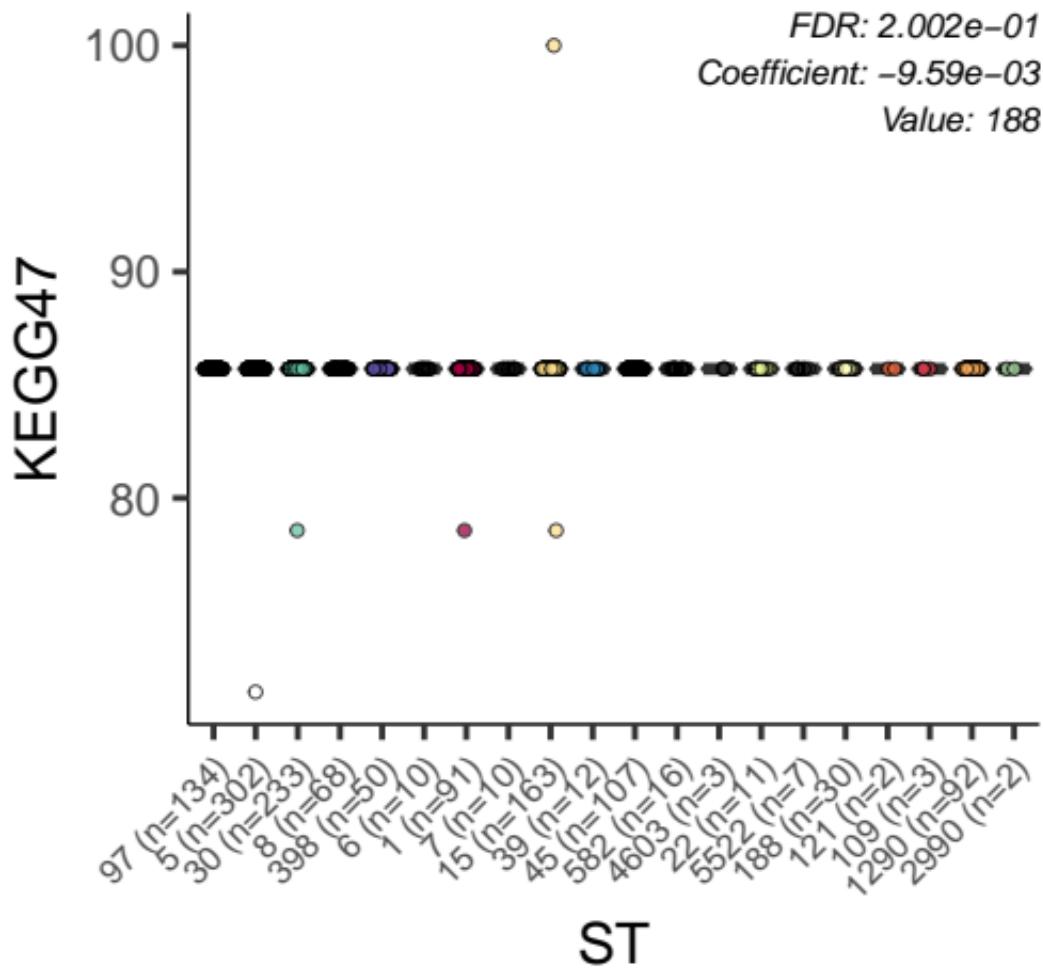
○

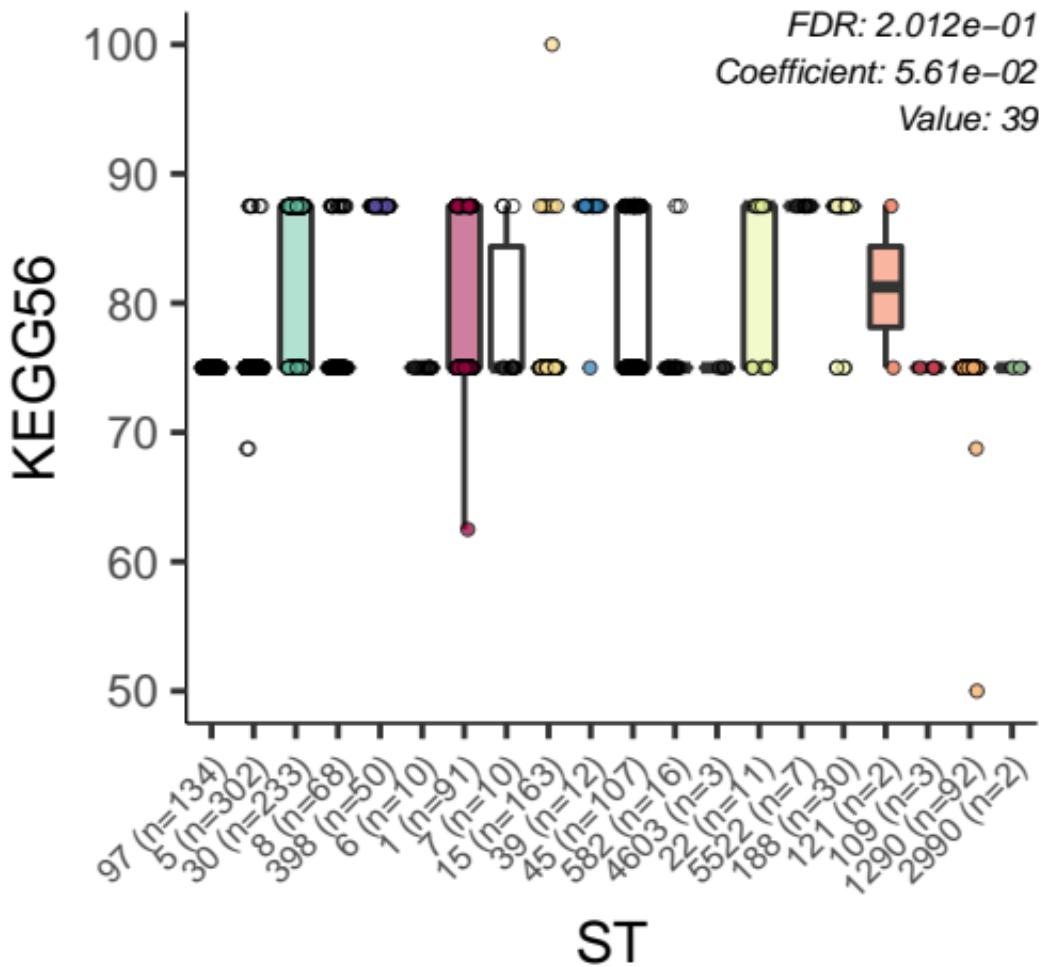
○

○

○





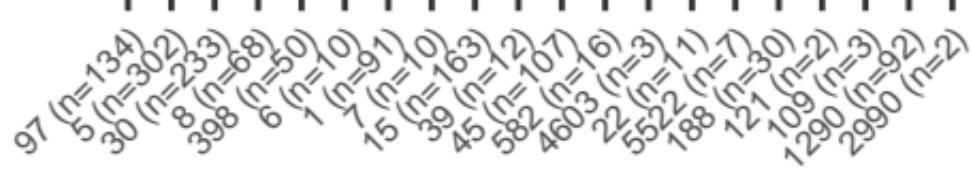


KEGG49

85

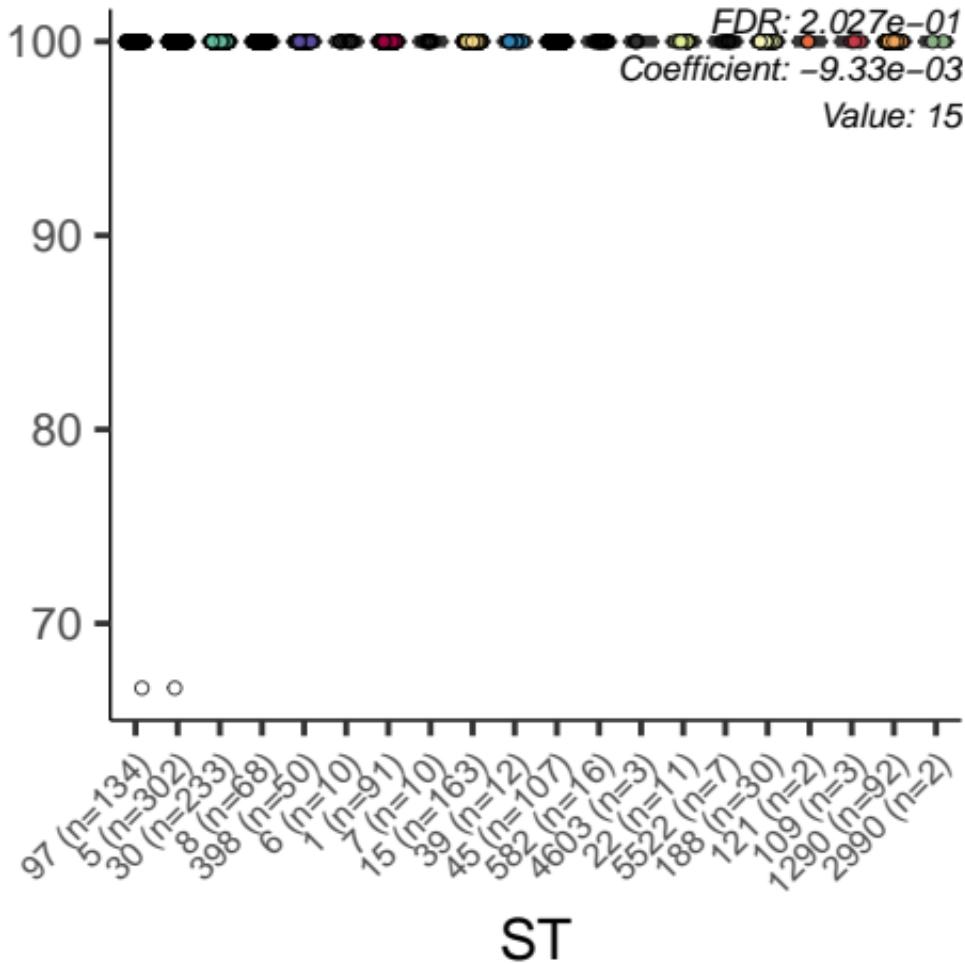
80

75

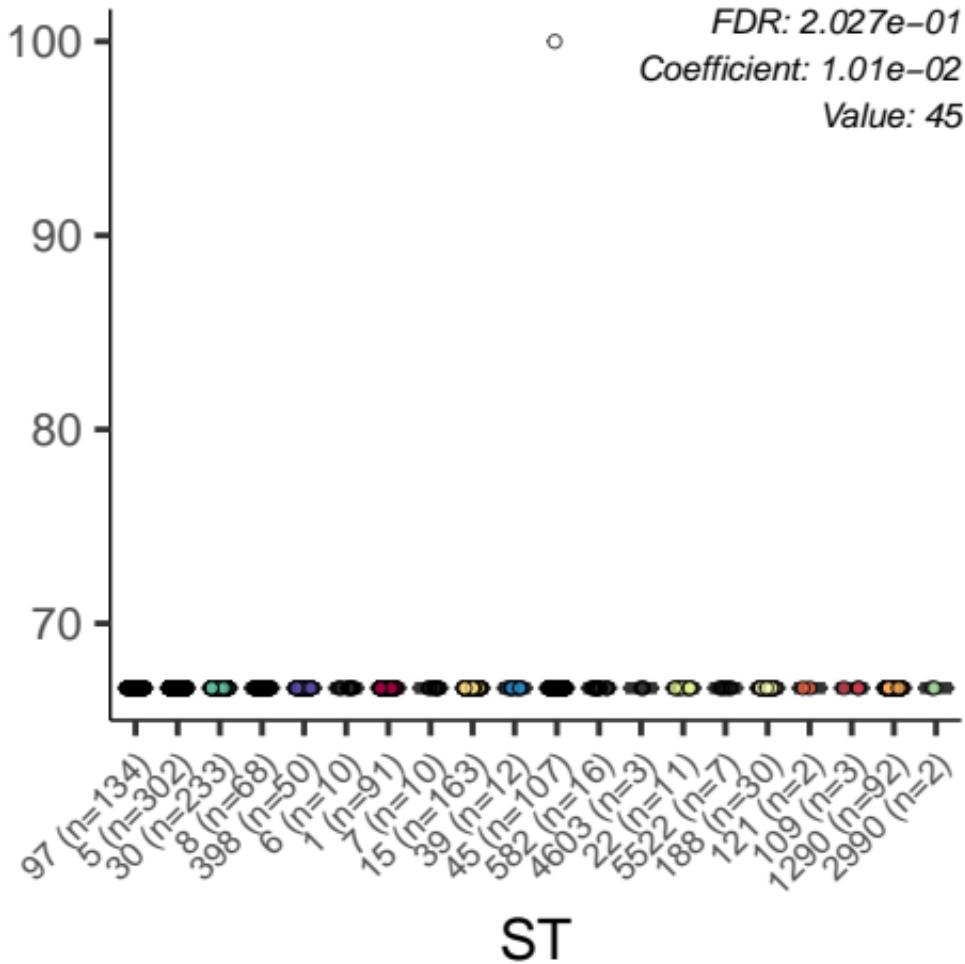


FDR: 2.015e-01
Coefficient: -1.39e-02
Value: 39

KEGG35



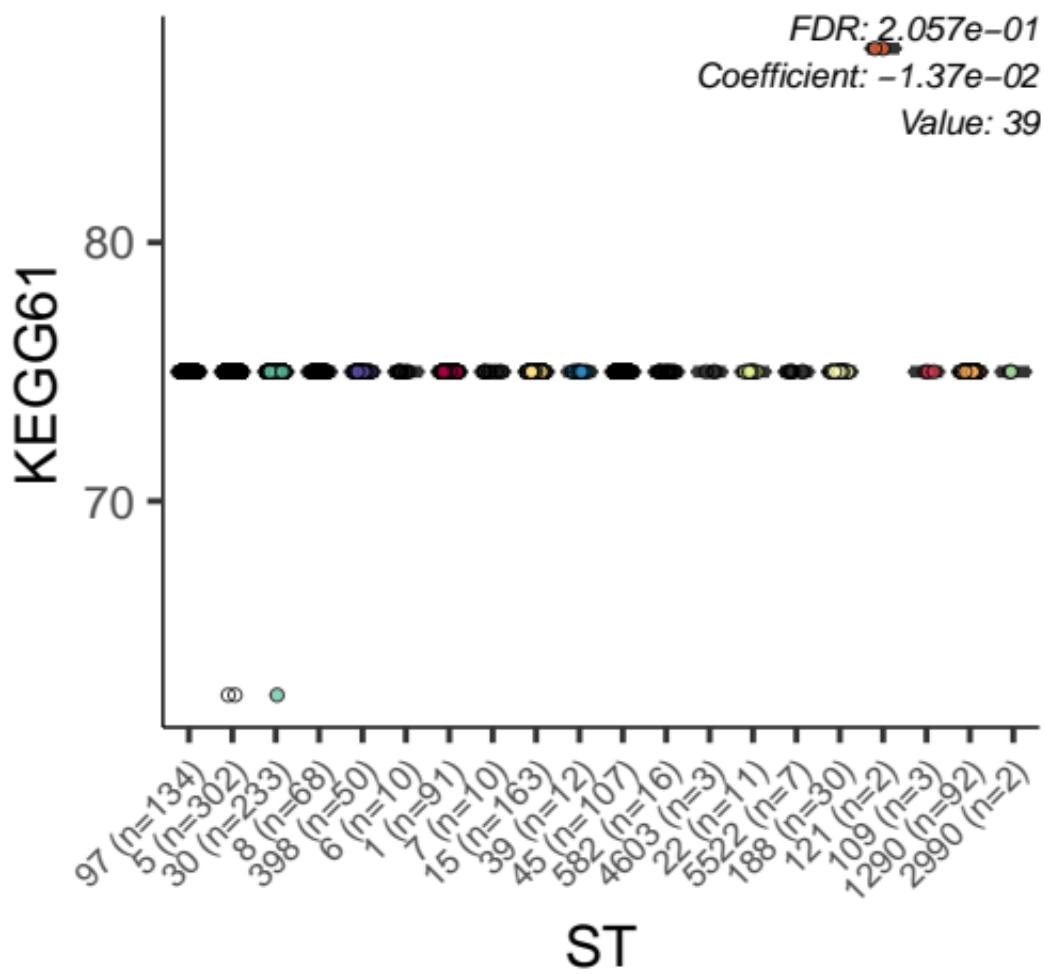
KEGG71

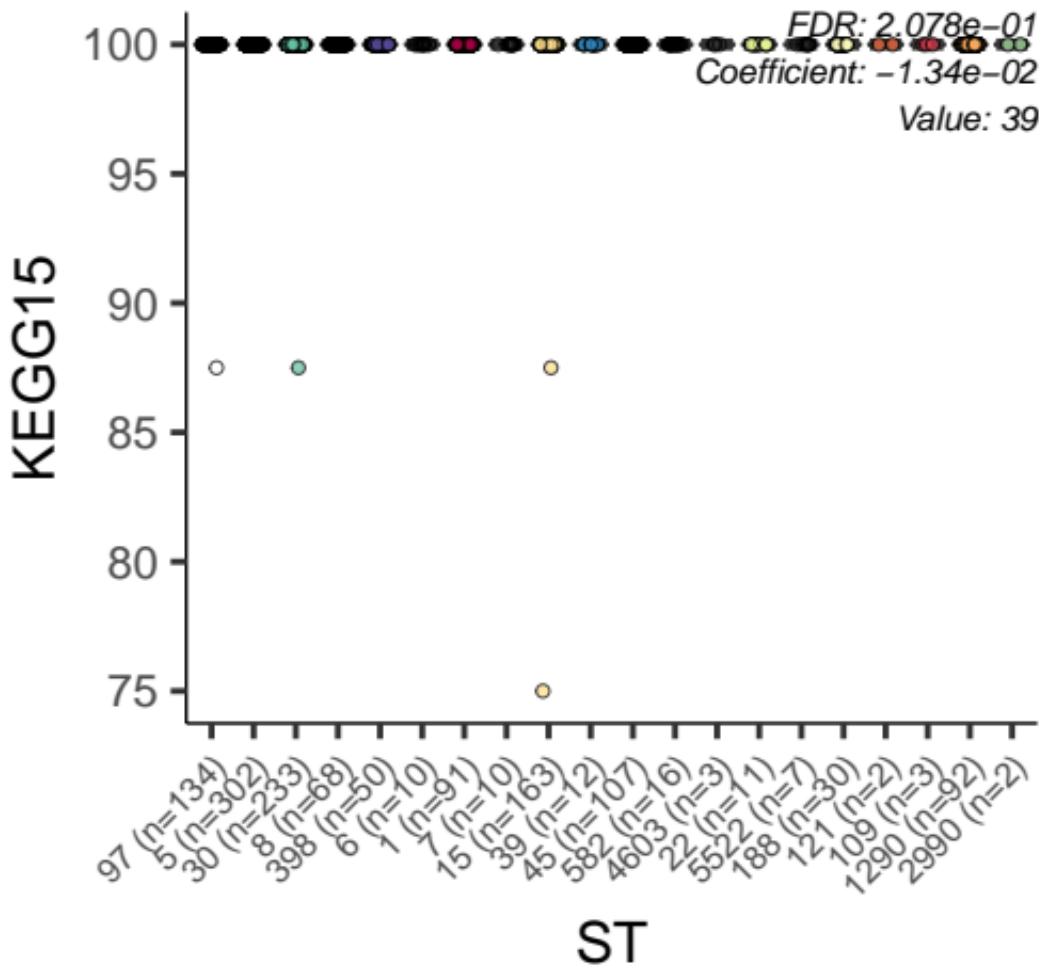


FDR: 2.057e-01

Coefficient: -1.37e-02

Value: 39





100

FDR: 2.086e-01

90

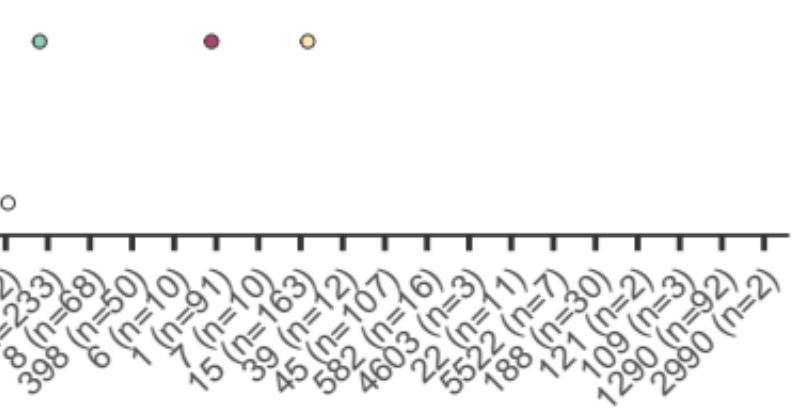
Coefficient: -8.68e-03

Value: 6

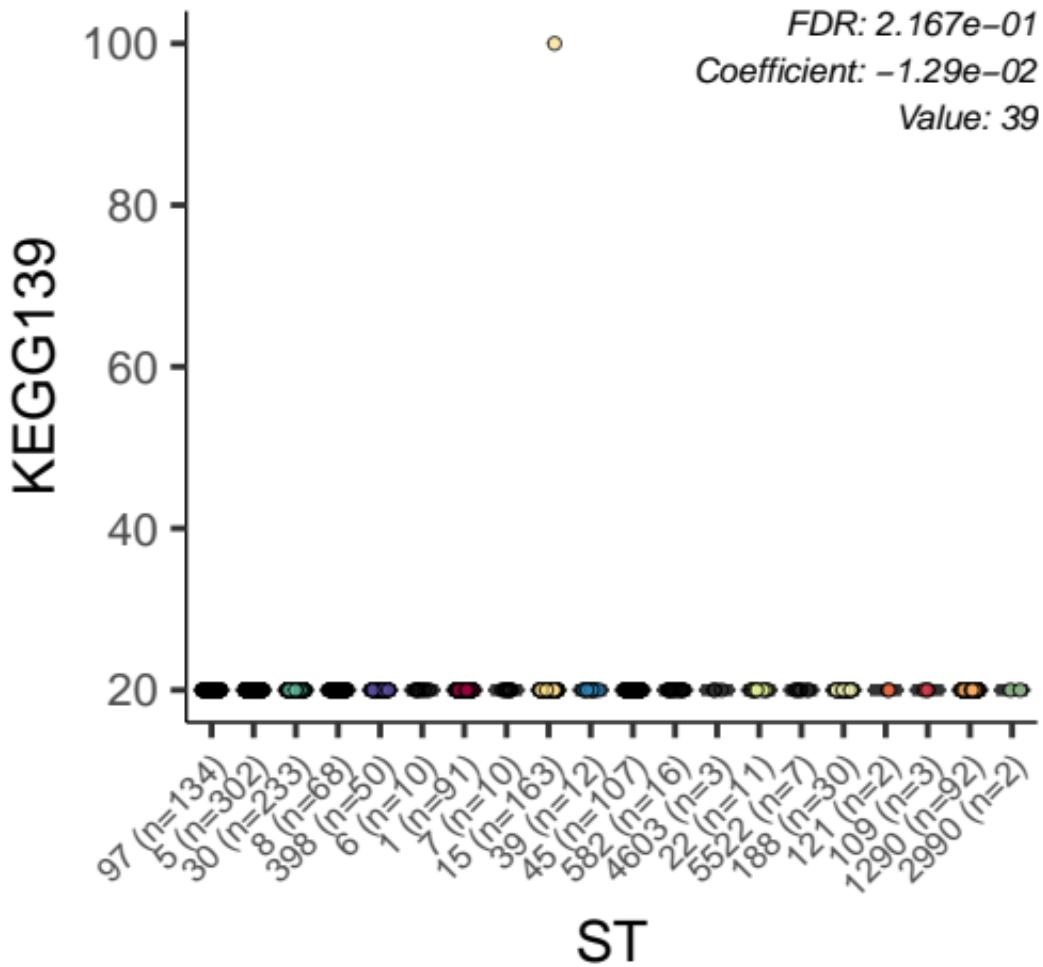
KEGG47

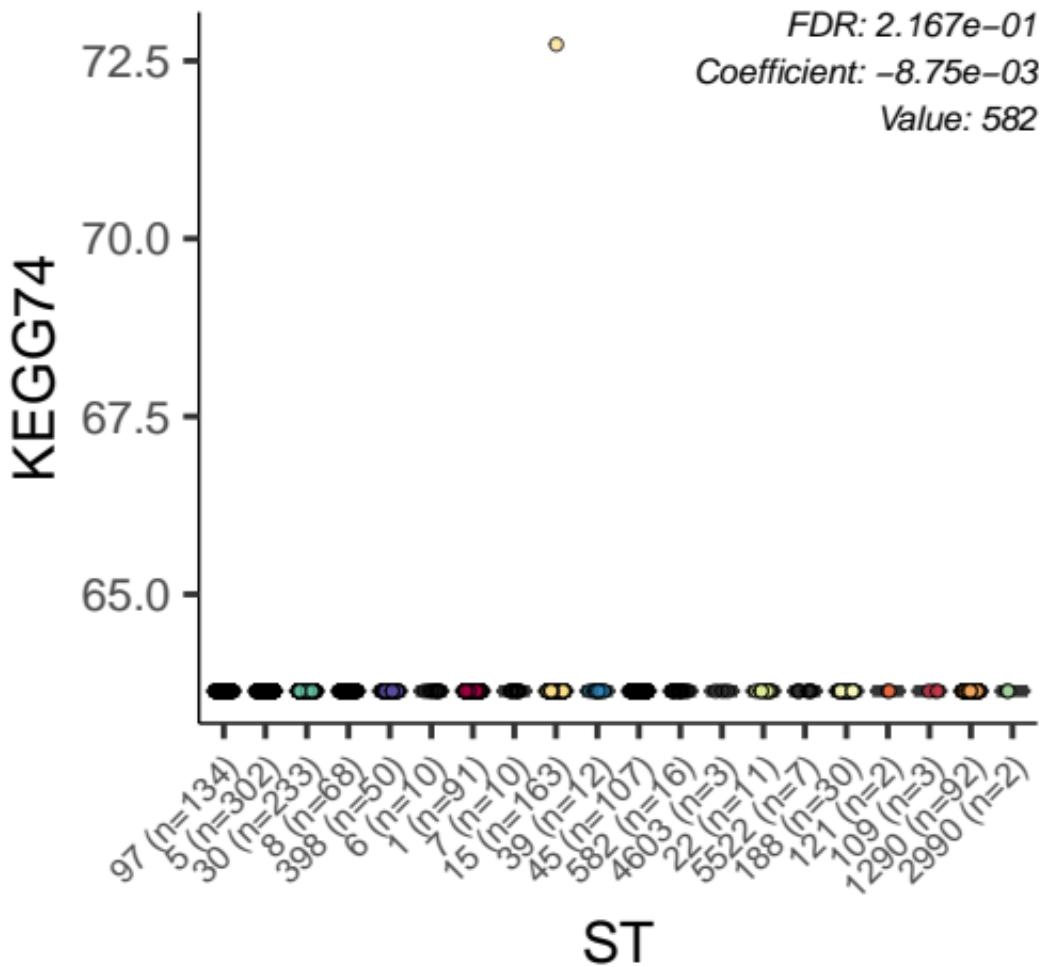
80

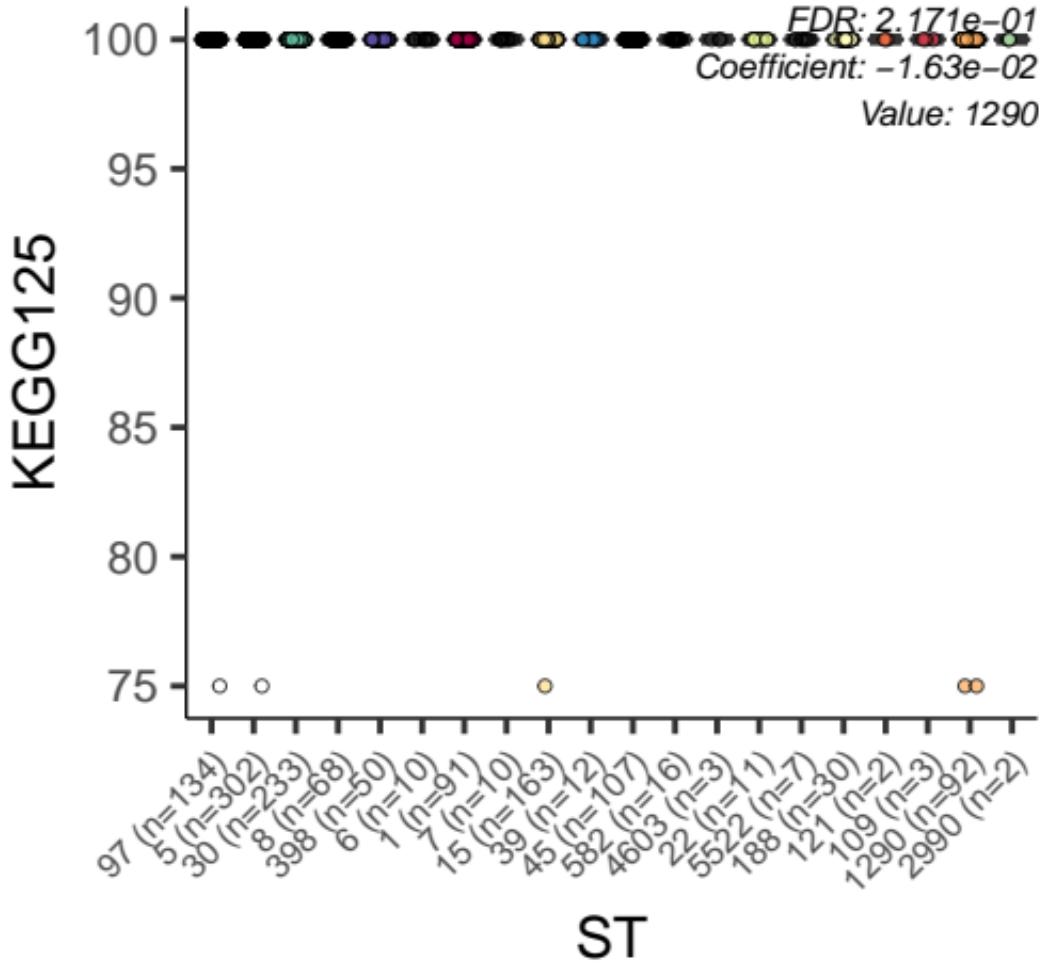
60

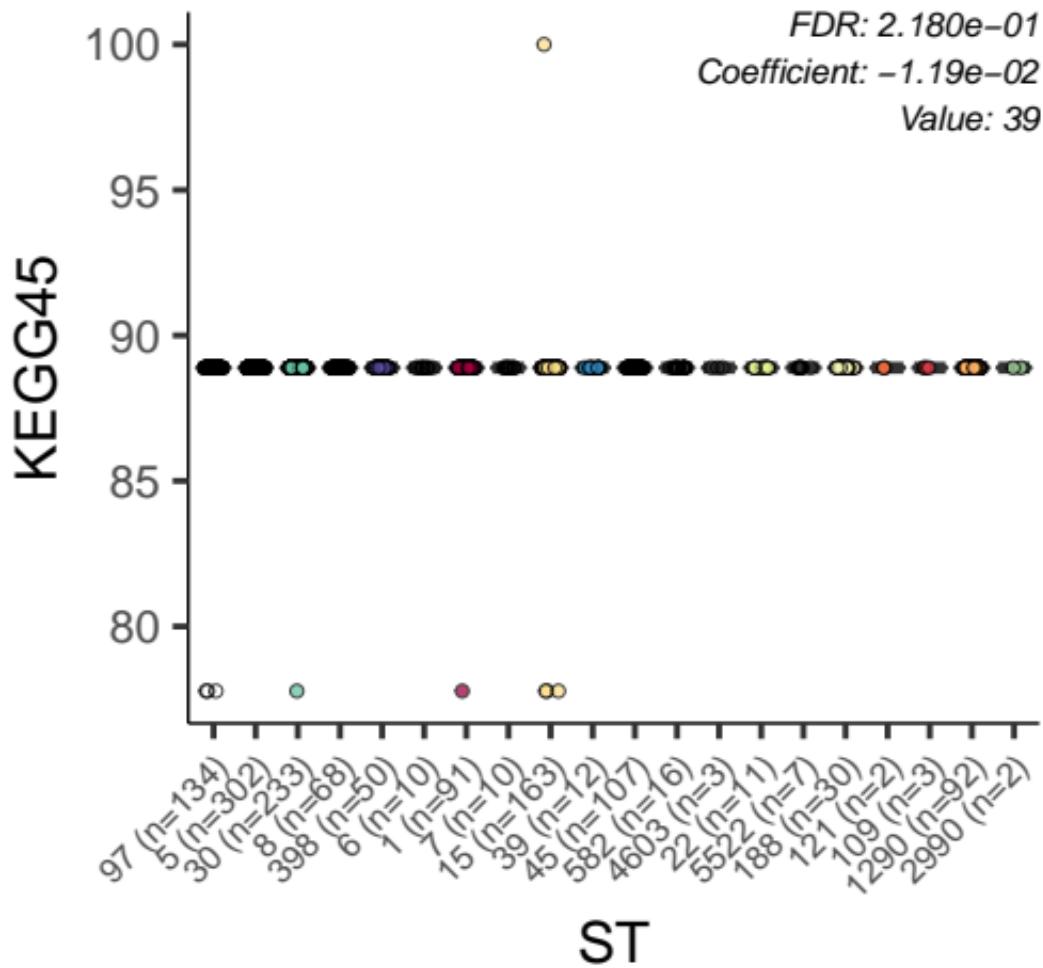


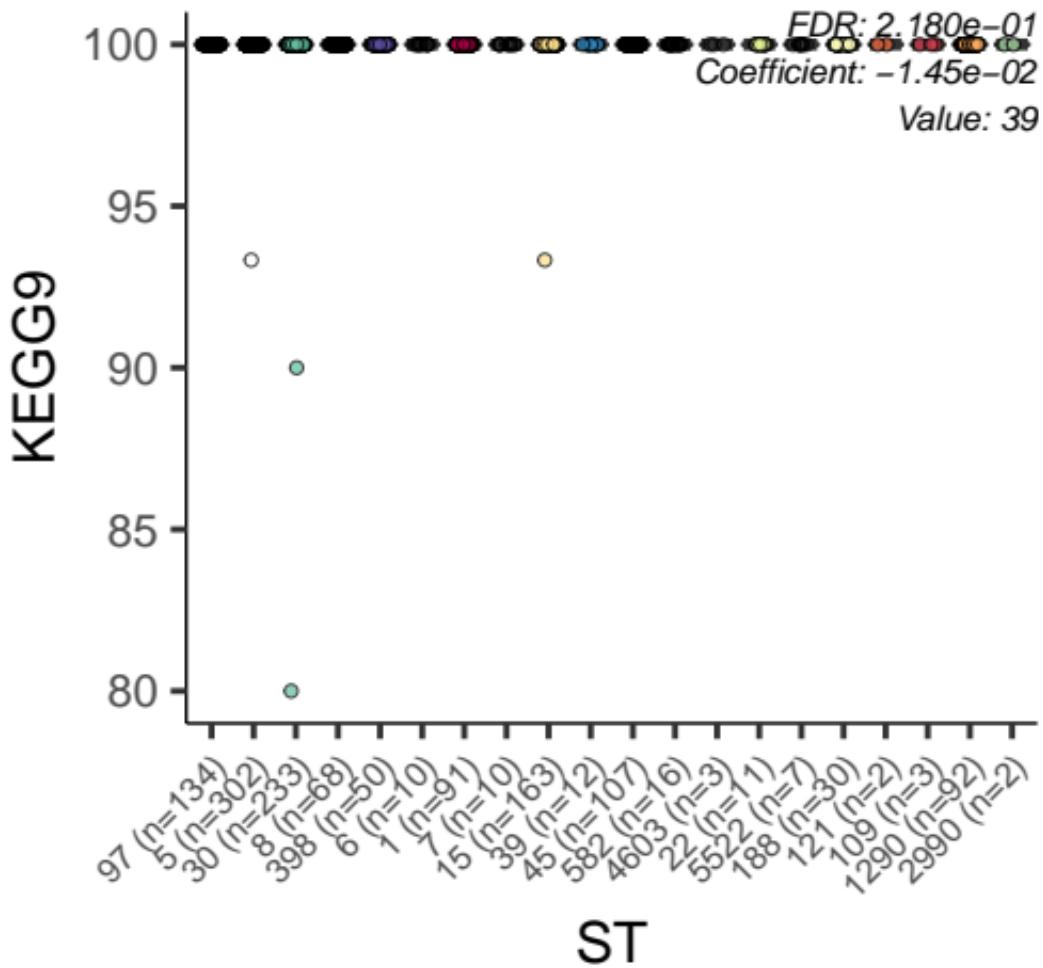
ST



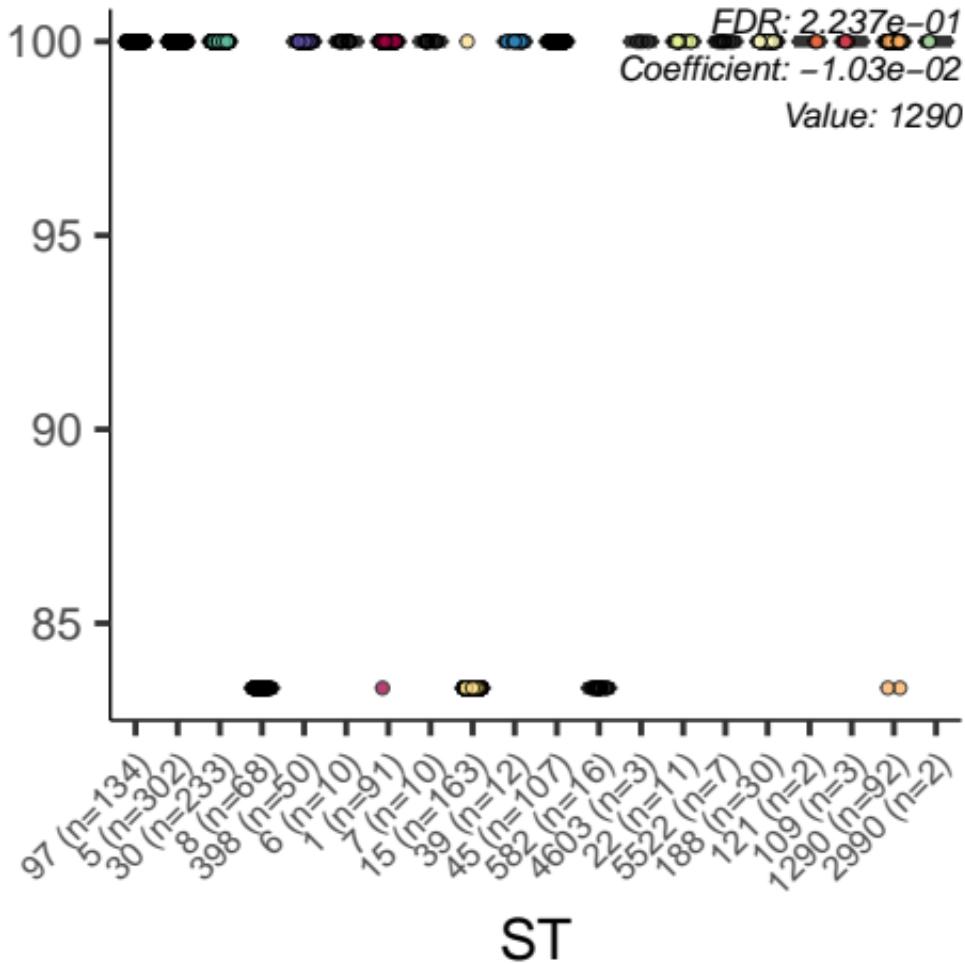


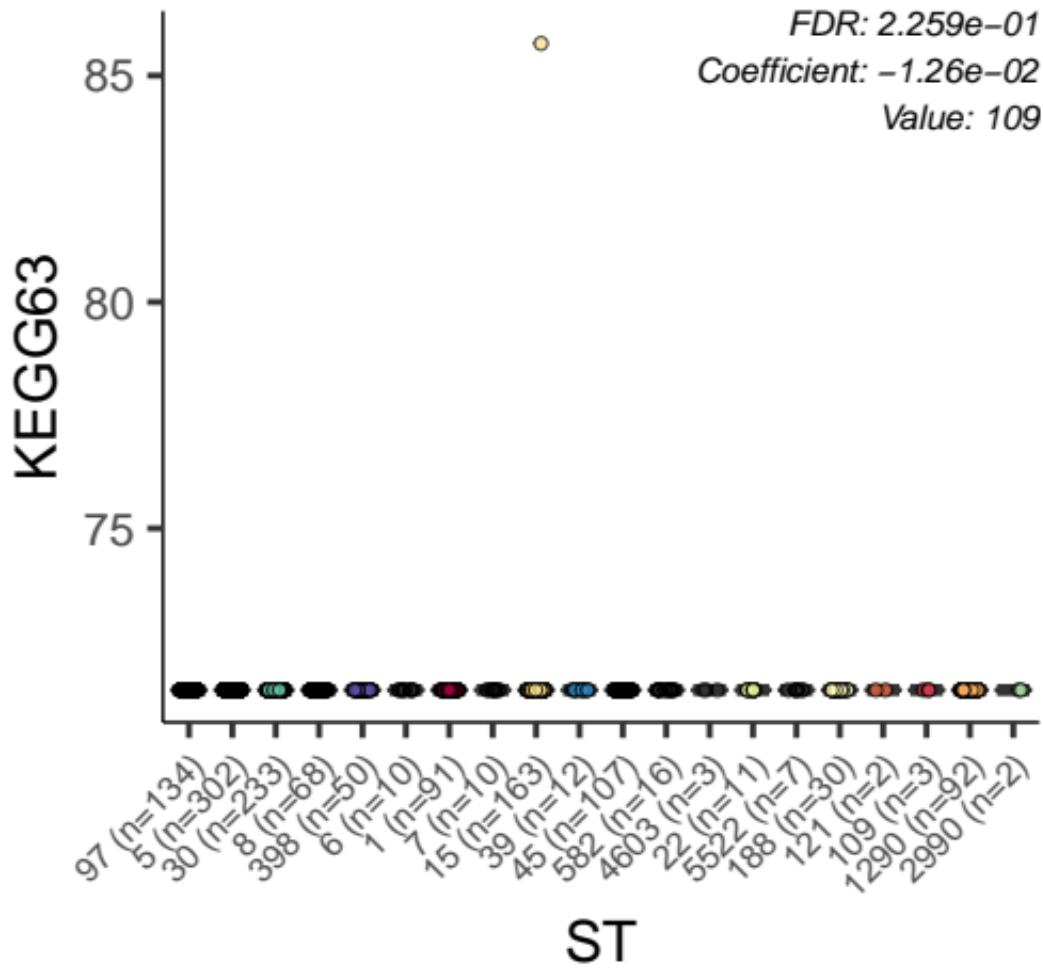




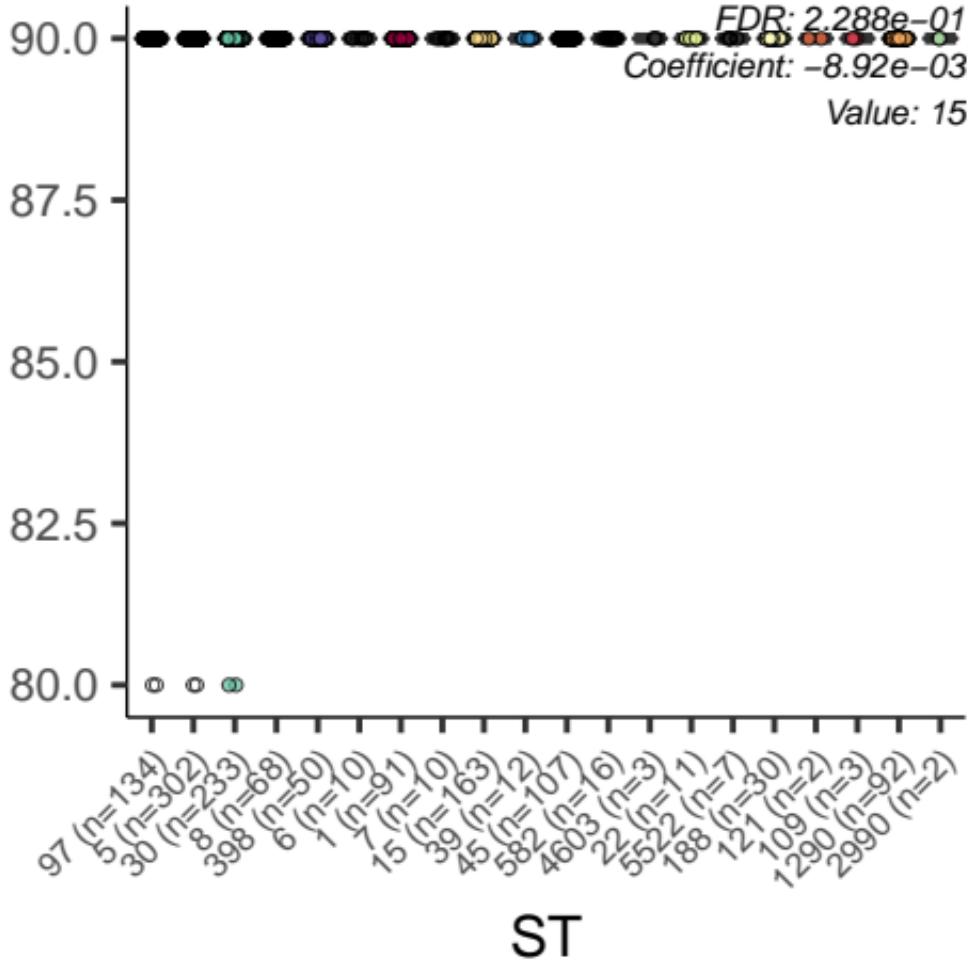


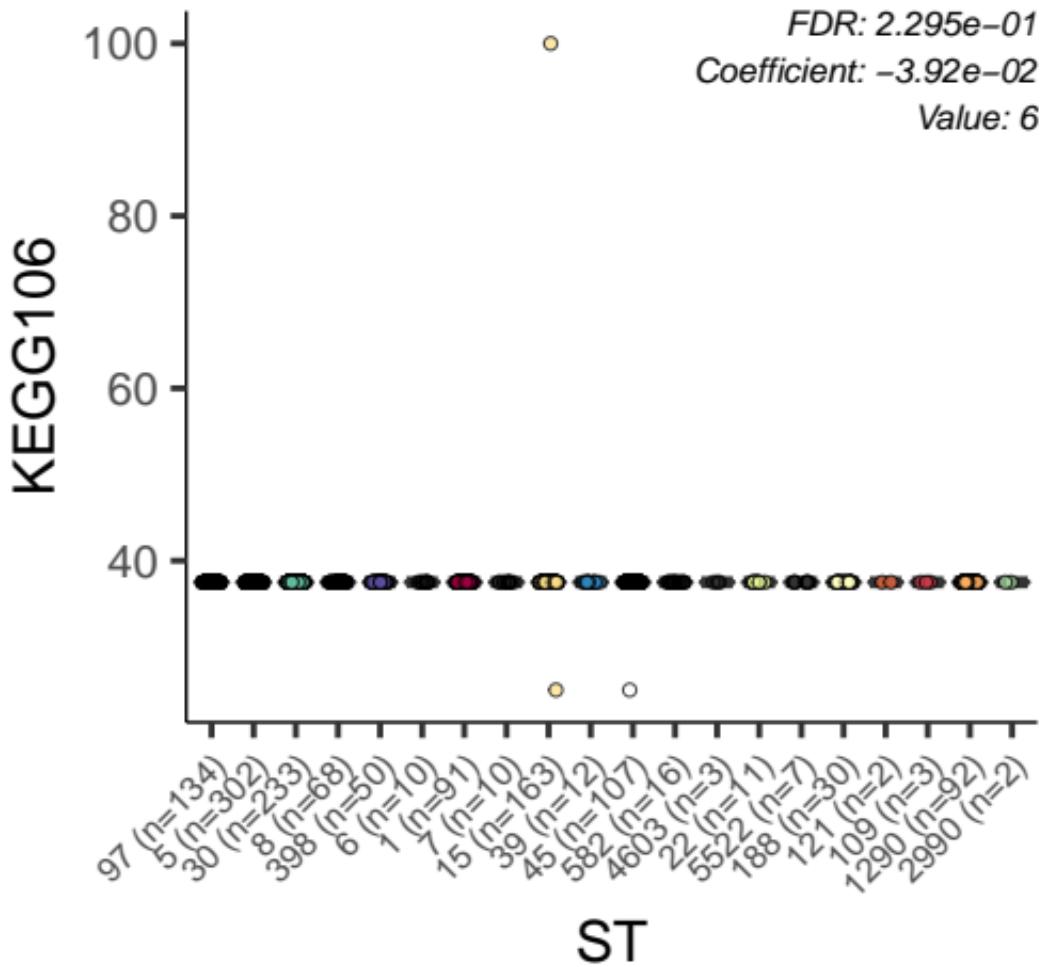
KEGG40

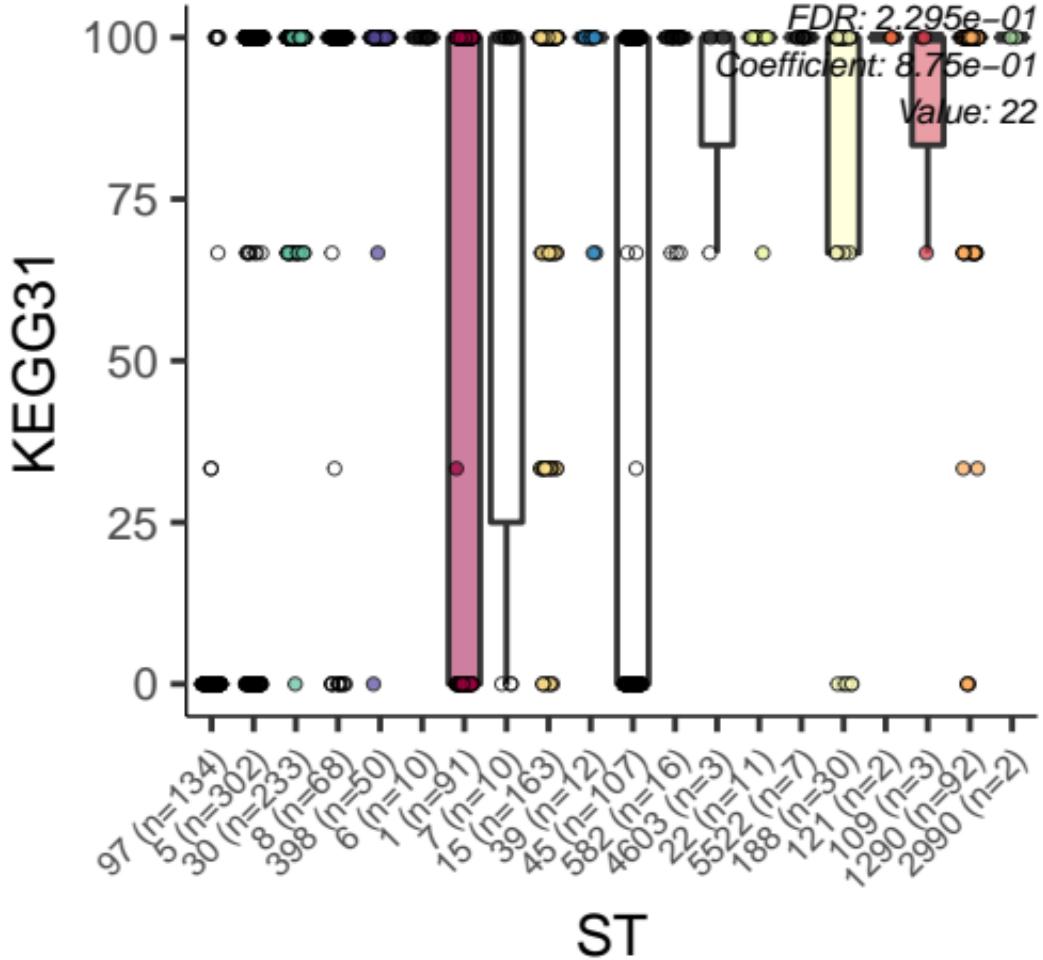




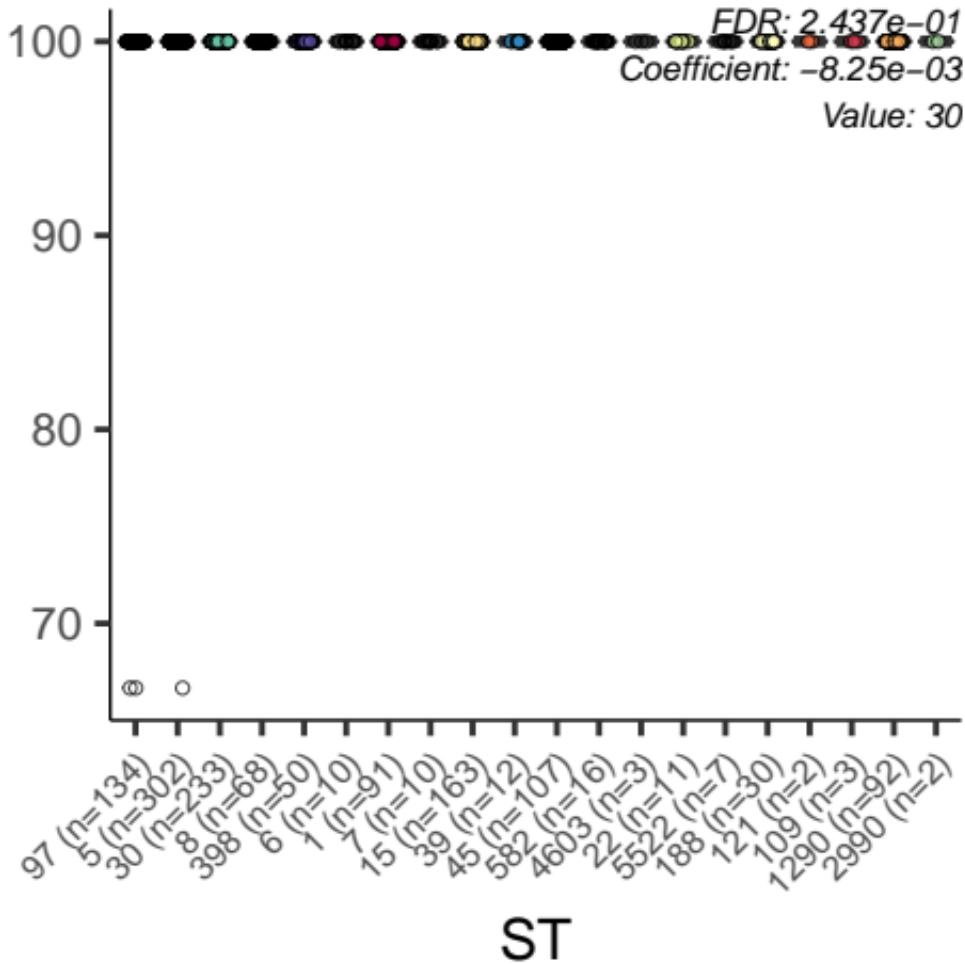
KEGG19

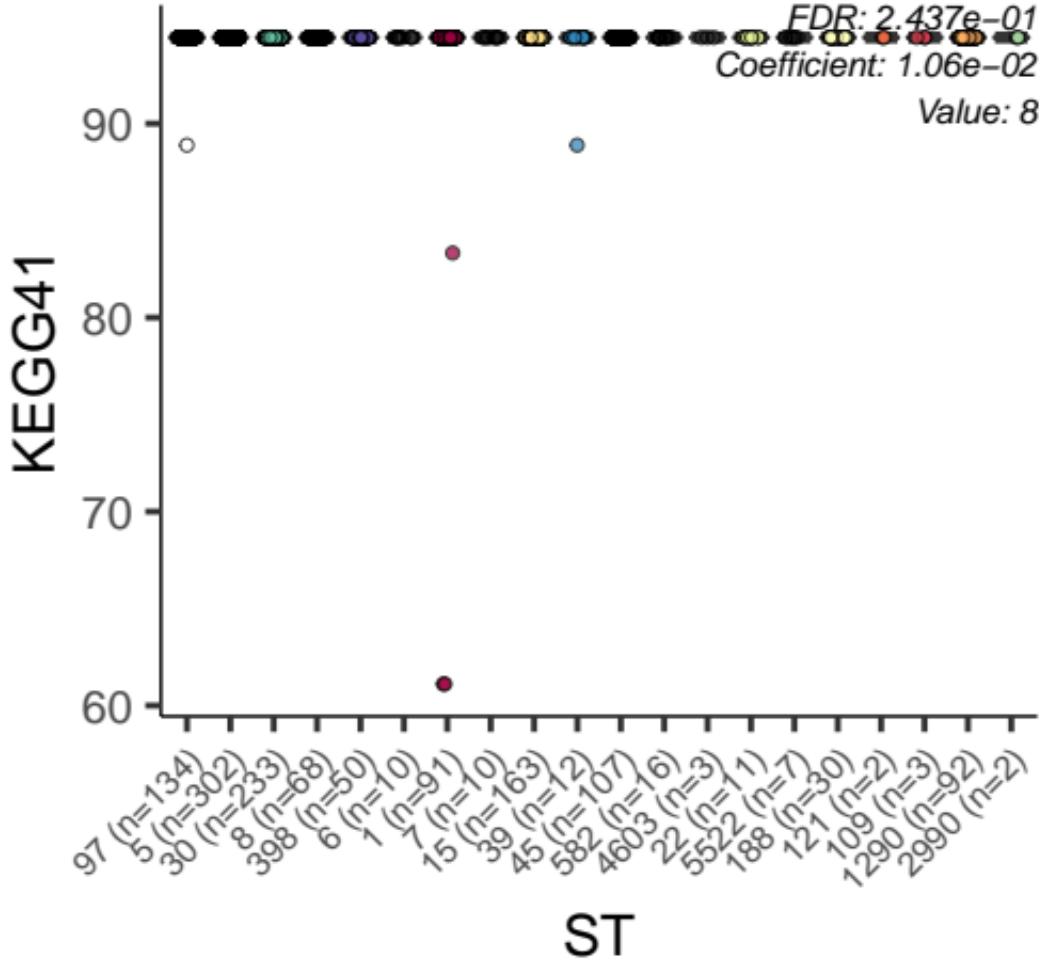




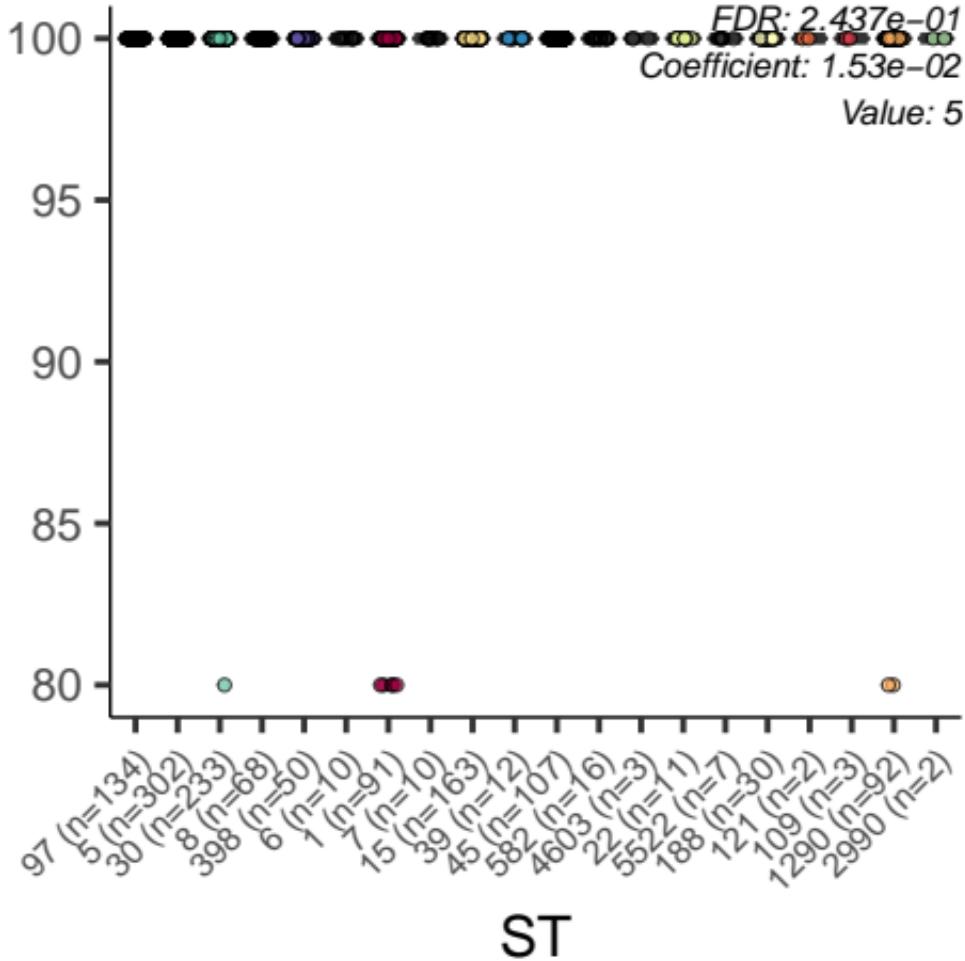


KEGG36

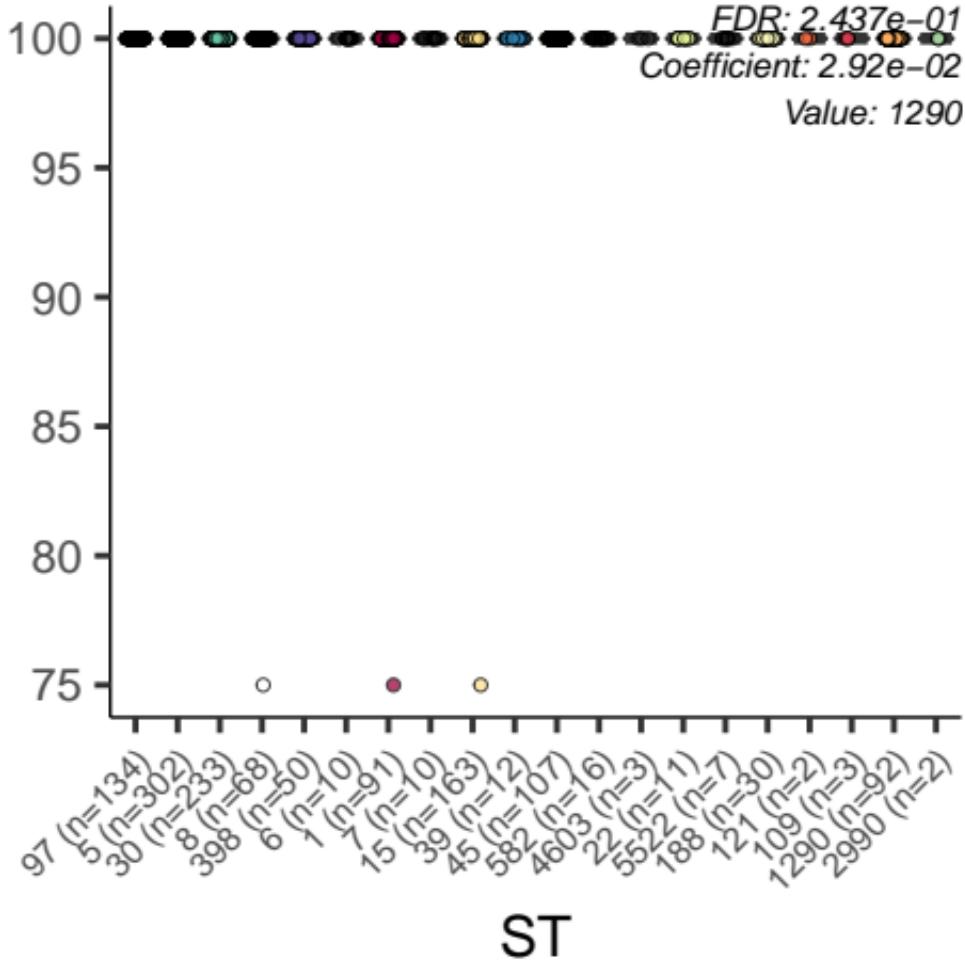


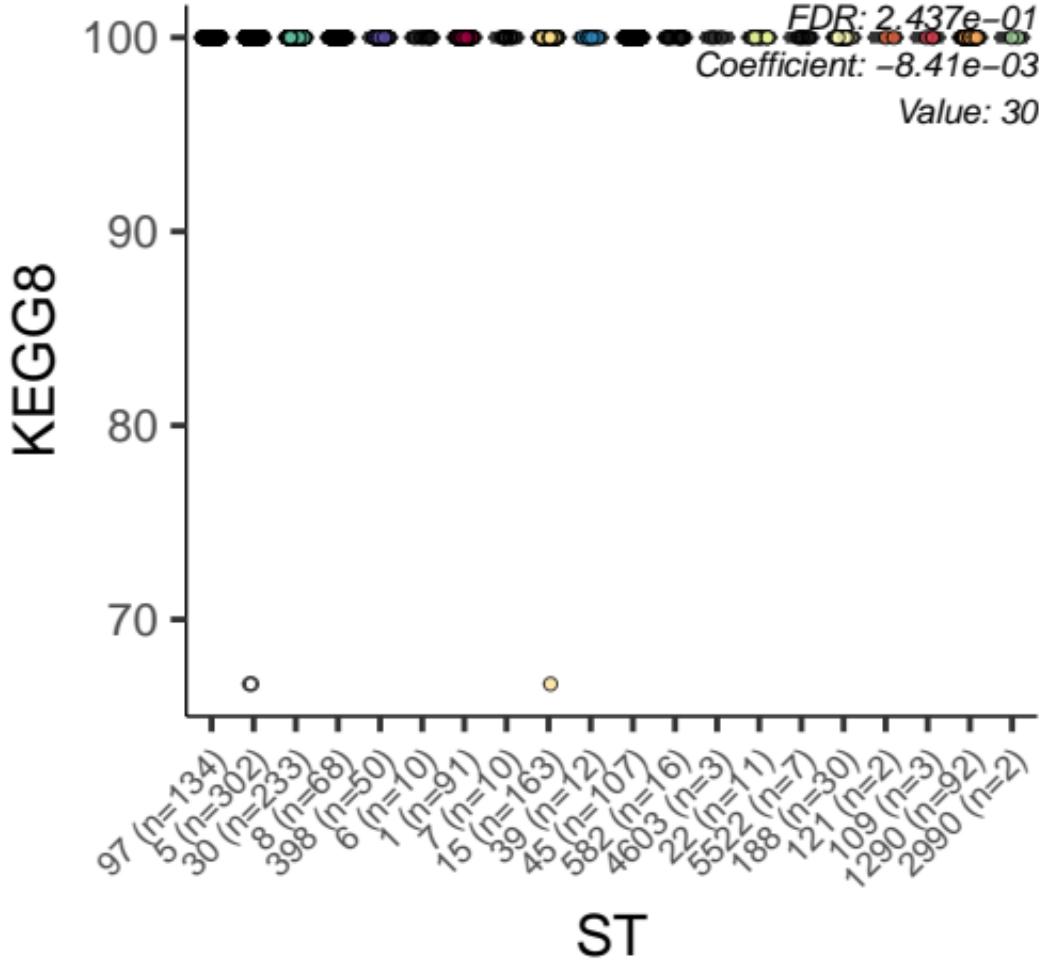


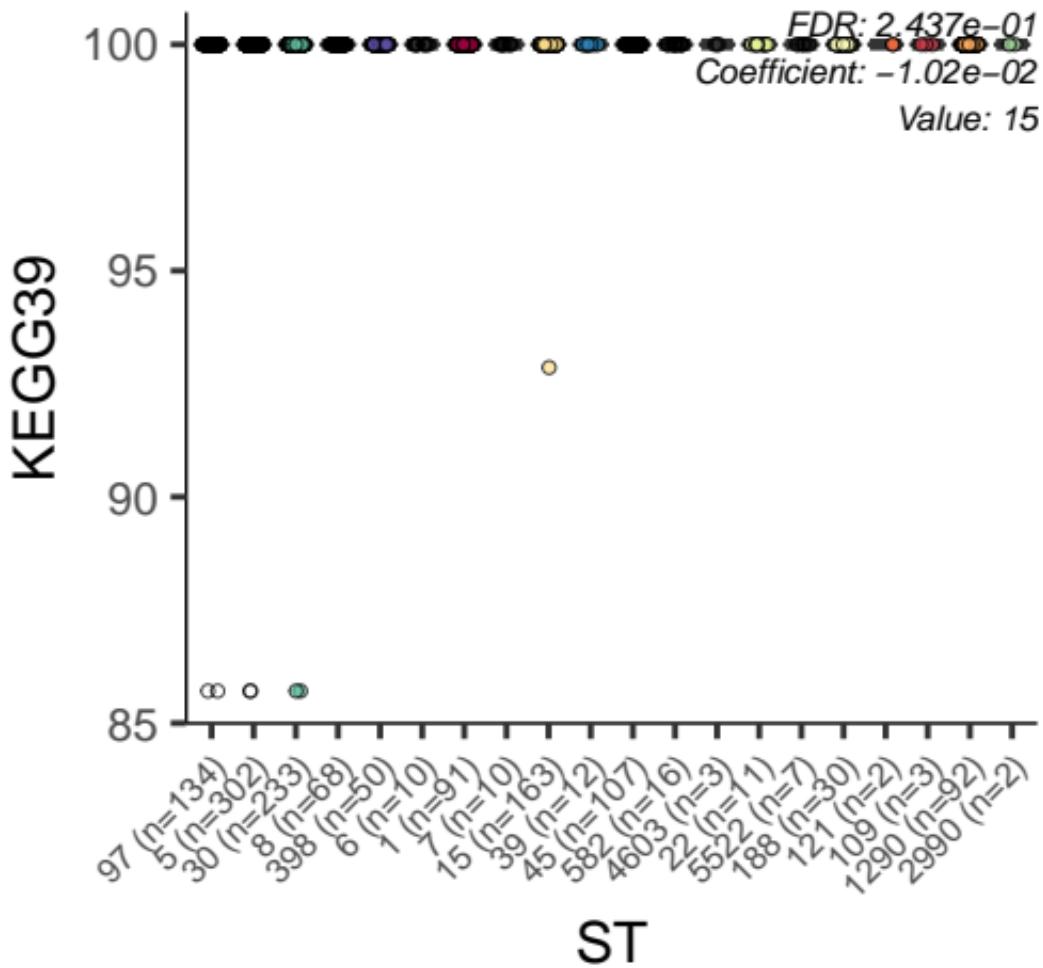
KEGG54

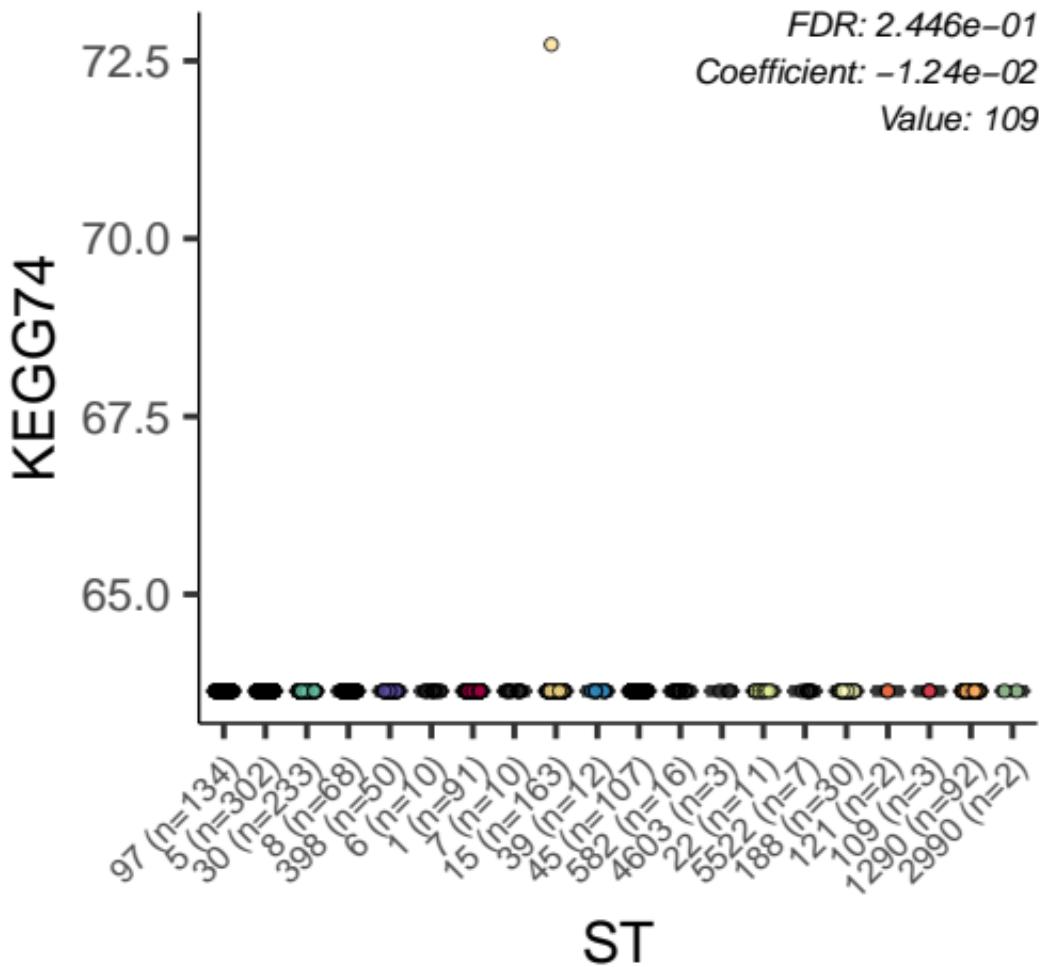


KEGG58









KEGG17

