

DENOVOPURINE2.PWY

FDR: 4.697e-06

Coefficient: -7.21e-02

Value: GenotypeRAGROR.SiteProximal\_Colon

0

-1

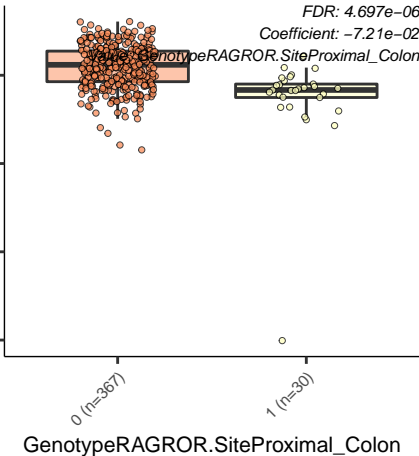
-2

-3

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon



PWY.7228

FDR:  $8.920e-06$

Coefficient:  $-1.22e-01$

Value: GenotypeRAGROR.SiteProximal\_Colon

0

-1

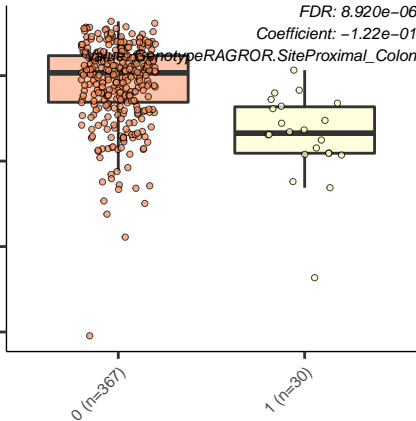
-2

-3

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

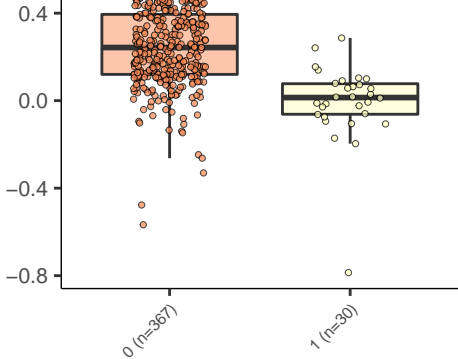


POLYISOPRENSYN.PWY

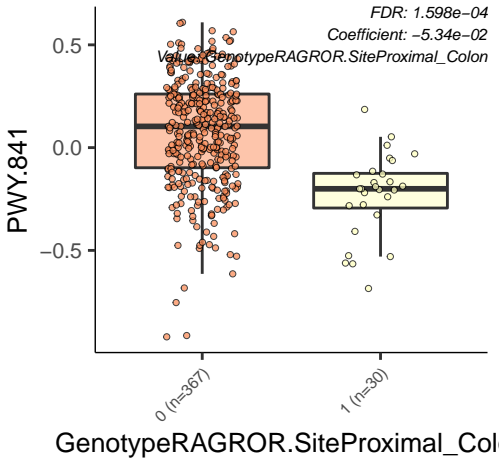
FDR:  $1.337\text{e-}05$

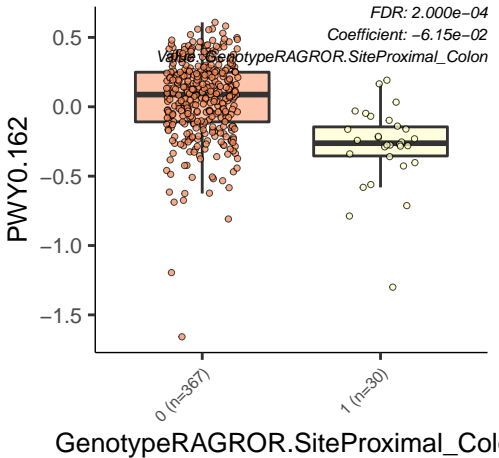
Coefficient:  $-4.03\text{e-}02$

Value: GenotypeRAGROR.SiteProximal\_Colon

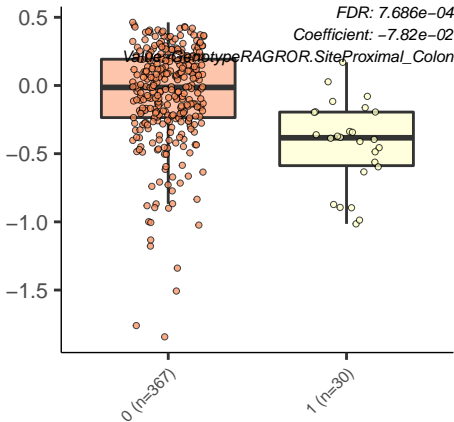


GenotypeRAGROR.SiteProximal\_Colon





PWY.6467



GenotypeRAGROR.SiteProximal\_Colon

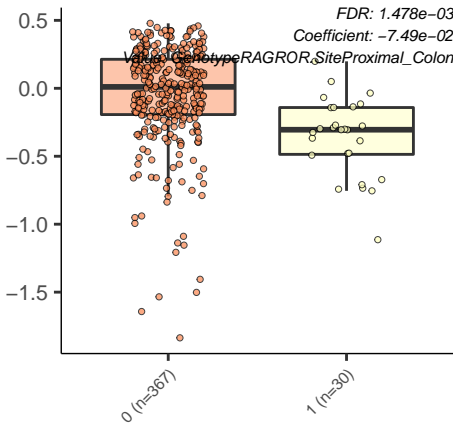


NAGLIPASYN.PWY

FDR:  $1.478 \times 10^{-3}$

Coefficient:  $-7.49 \times 10^{-2}$

Variant GenotypeRAGROR.SiteProximal\_Colon



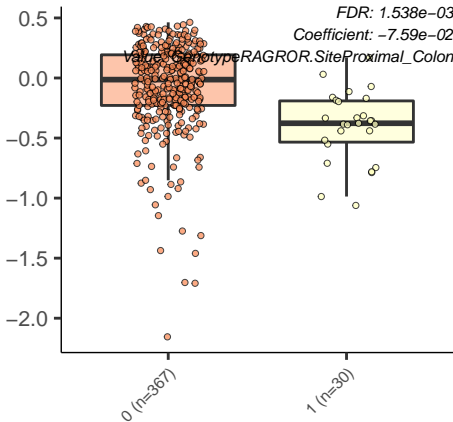
GenotypeRAGROR.SiteProximal\_Colon

PWY.1269

*FDR: 1.538e-03*

*Coefficient: -7.59e-02*

*Value: GenotypeRAGROR.SiteProximal\_Colon*



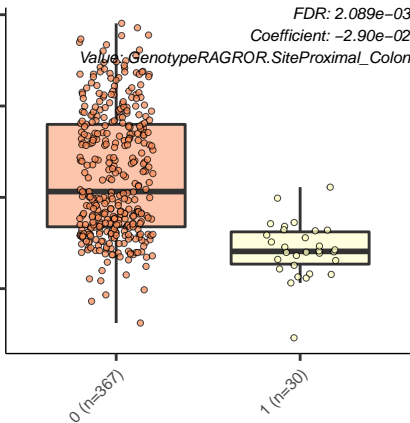
GenotypeRAGROR.SiteProximal\_Colon

FASYN.ELONG.PWY

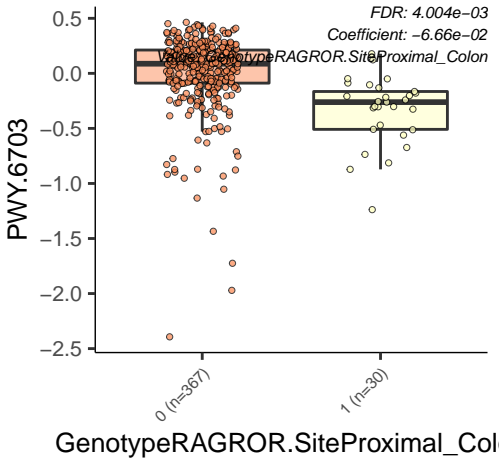
FDR: 2.089e-03

Coefficient: -2.90e-02

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon

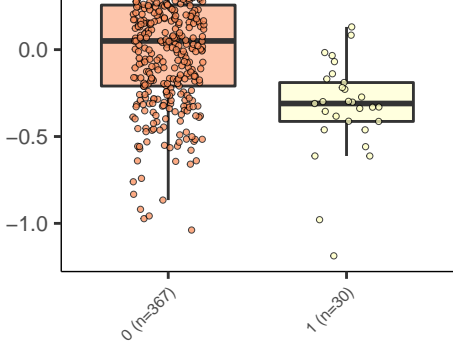


PWY.7187

FDR:  $4.064 \times 10^{-3}$

Coefficient:  $-5.11 \times 10^{-2}$

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon

PWY.6269

0

-1

-2

0 (n=367)

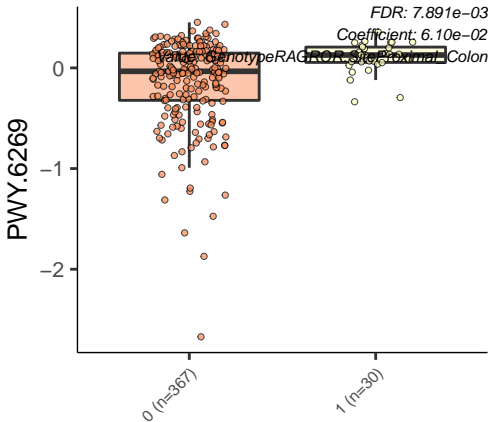
1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

FDR: 7.891e-03

Coefficient: 6.10e-02

Value: GenotypeRAGROR.SiteProximal\_Colon

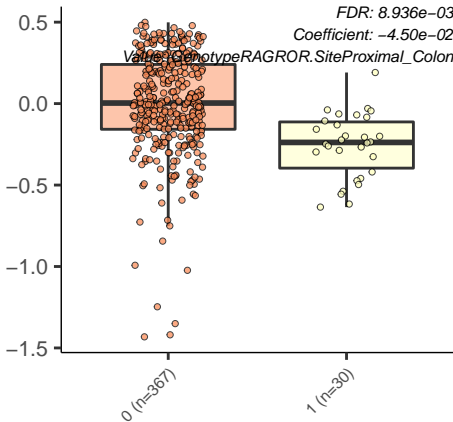


COLANSYN.PWY

*FDR: 8.936e-03*

*Coefficient: -4.50e-02*

*Value: GenotypeRAGROR.SiteProximal\_Colon*



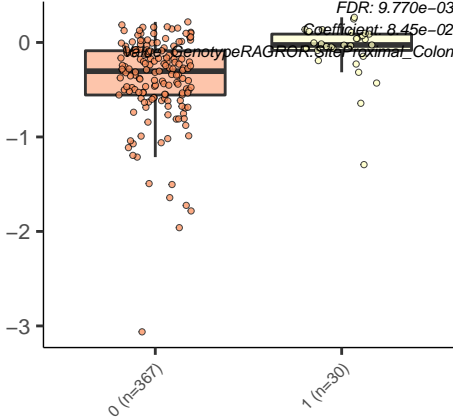
GenotypeRAGROR.SiteProximal\_Colon

PWY.5189

FDR:  $9.770e-03$

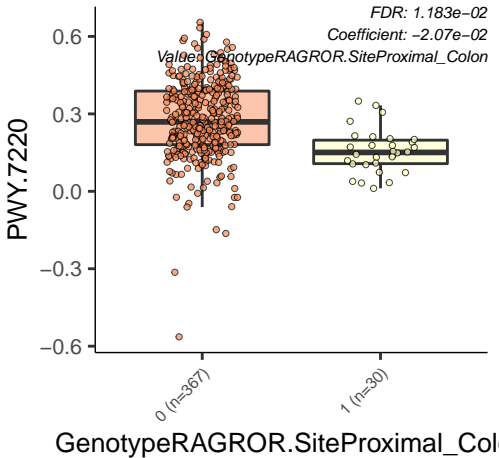
Coefficient:  $8.45e-02$

Value\_GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon



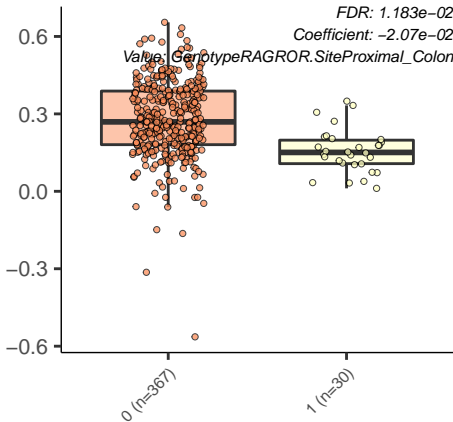


PWY.7222

FDR: 1.183e-02

Coefficient: -2.07e-02

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Col

PWY.5509

FDR: 1.210e-02

Coefficient: 6.79e-02

Value: GenotypeRAGROR.SiteProximal\_Colon

0

-1

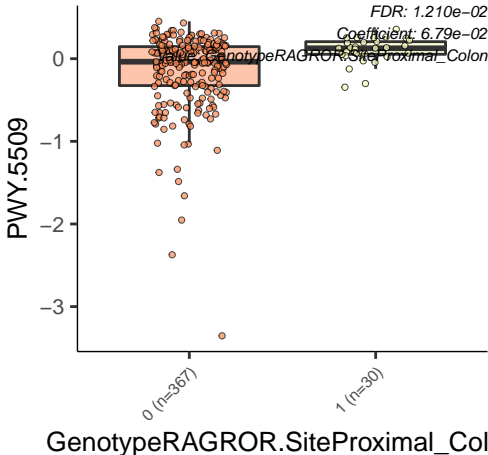
-2

-3

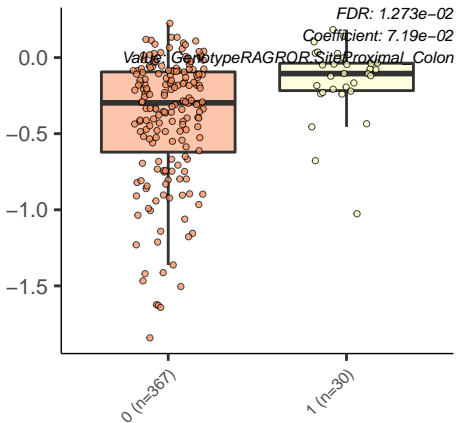
0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon



P4.PWY



GenotypeRAGROR.SiteProximal\_Col

PWY.5188

FDR:  $2.296 \times 10^{-2}$

Coefficient:  $6.41 \times 10^{-2}$

Value: GenotypeRAGROR.SiteProximal\_Colon

0.0

-0.5

-1.0

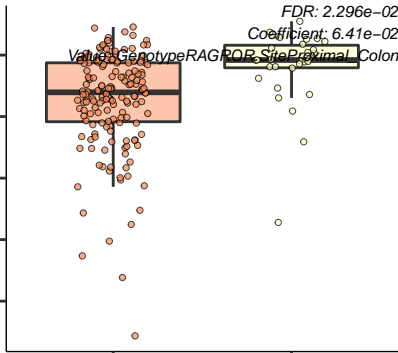
-1.5

-2.0

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

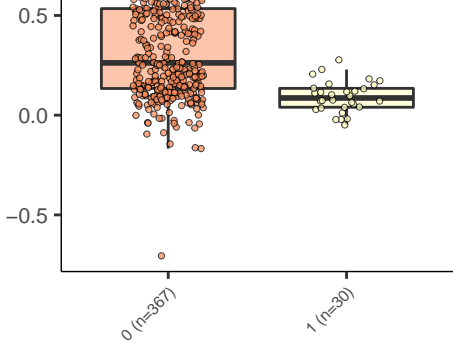


PWY.5659

*FDR: 3.060e-02*

*Coefficient: -2.55e-02*

*Value: GenotypeRAGROR.SiteProximal\_Colon*



GenotypeRAGROR.SiteProximal\_Colon

PWY.6125

FDR:  $3.117e-02$

Coefficient:  $-5.62e-02$

Value:  $GenotypeRAGROR.SiteProximal\_Colon$

0

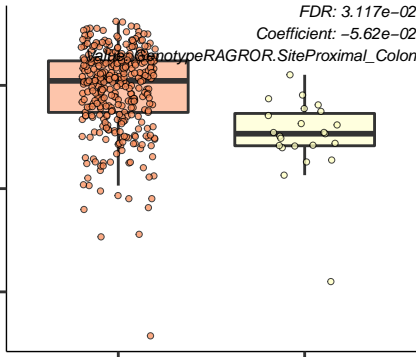
-1

-2

0 (n=367)

1 (n=30)

$GenotypeRAGROR.SiteProximal\_Colon$

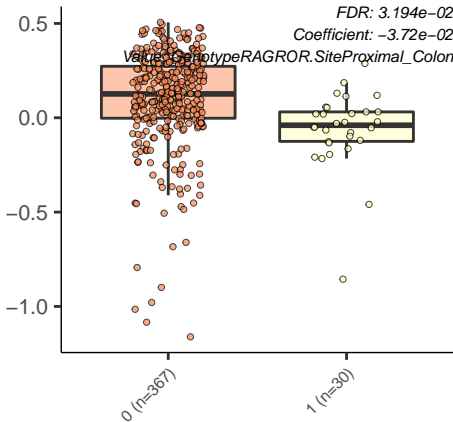


P108.PWY

FDR:  $3.194 \times 10^{-2}$

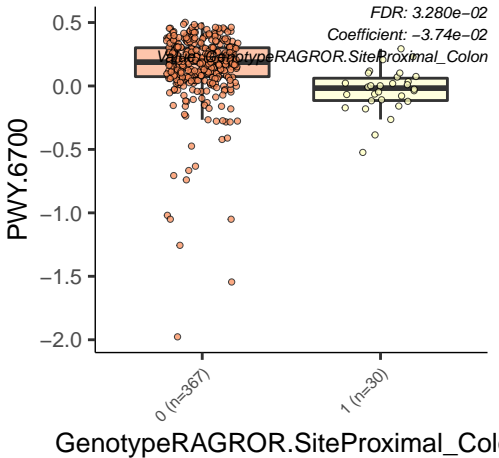
Coefficient:  $-3.72 \times 10^{-2}$

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon



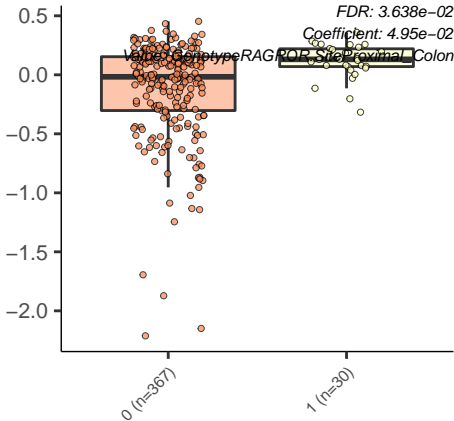


COBALSYN.PWY

FDR:  $3.638e-02$

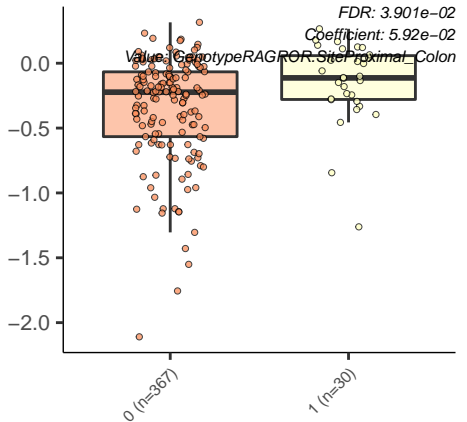
Coefficient:  $4.95e-02$

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Col

PWY.7315



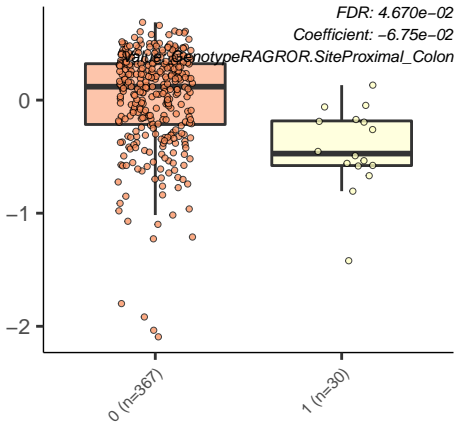
GenotypeRAGROR.SiteProximal\_Colon

PWY.7392

FDR:  $4.670e-02$

Coefficient:  $-6.75e-02$

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon

PWY.5505

FDR: 5.059e-02

Coefficient: 4.89e-02

Value: GenotypeRAGROR.SiteProximal\_Colon

0

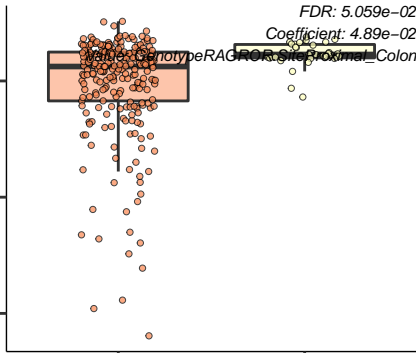
-1

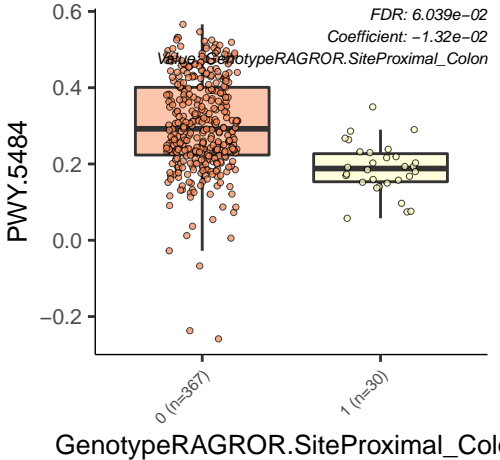
-2

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon





P42.PWY

FDR:  $6.147 \times 10^{-2}$

Coefficient:  $-3.13 \times 10^{-2}$

Value: GenotypeRAGROR.SiteProximal\_Colon

0

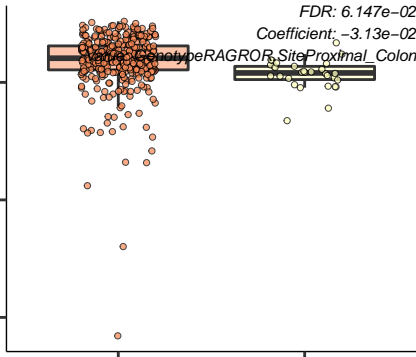
-1

-2

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon



PWY.7234

FDR:  $6.256 \times 10^{-2}$

Coefficient:  $-5.61 \times 10^{-2}$

Value: GenotypeRAGROR.SiteProximal\_Colon

0

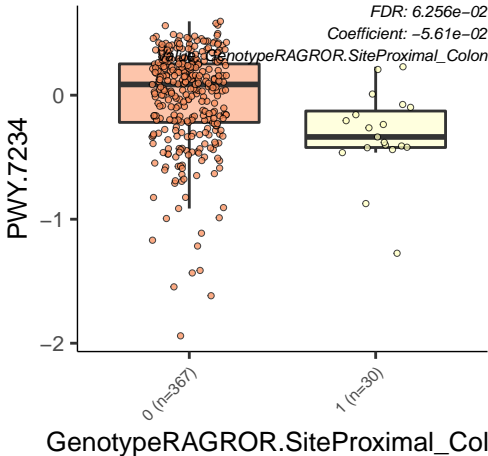
-1

-2

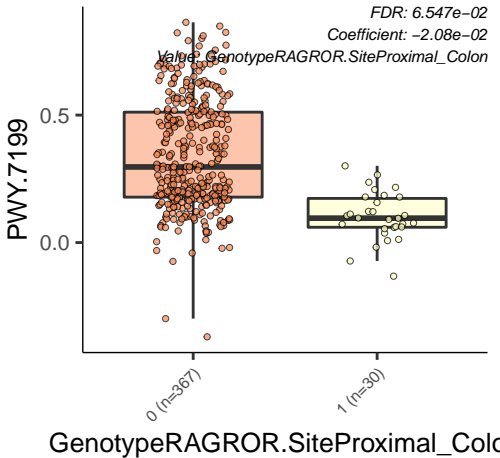
0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon







DAPLYSINESYN.PWY

FDR:  $7.732e-02$

Coefficient:  $2.17e-02$

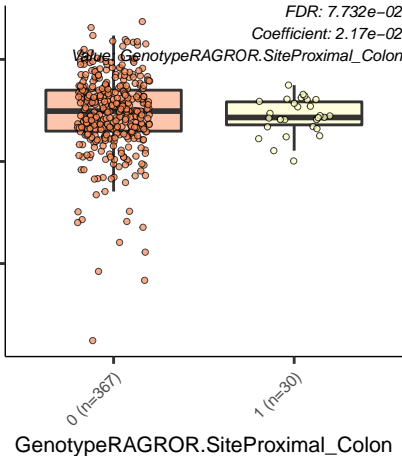
Value GenotypeRAGROR.SiteProximal\_Colon

0.5  
0.0  
-0.5

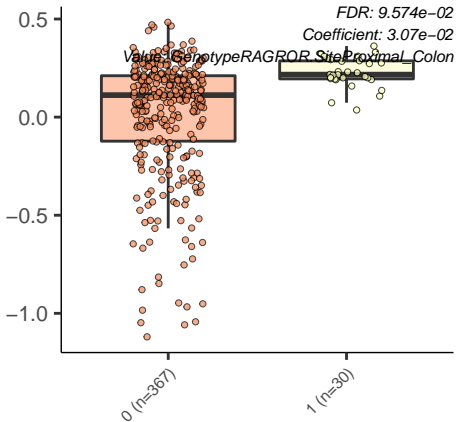
0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

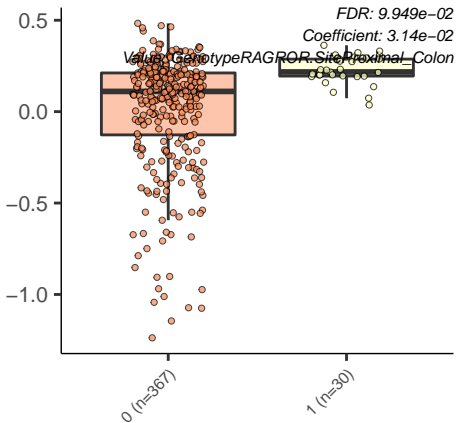


PWY.7400

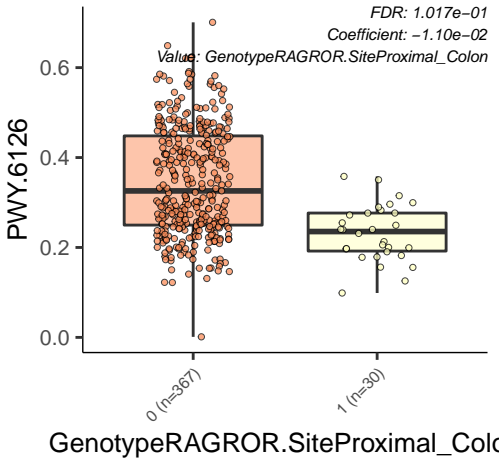


GenotypeRAGROR.SiteProximal\_Colon

ARGSYN.PWY



GenotypeRAGROR.SiteProximal\_Col

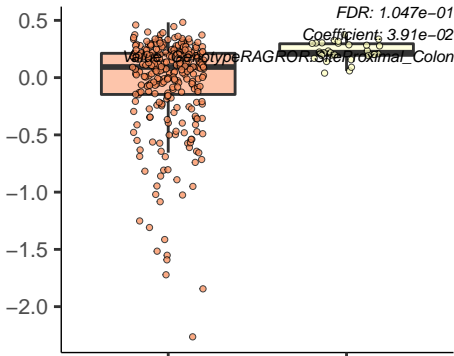


ARGSYNBSUB.PWY

FDR: 1.047e-01

Coefficient: 3.91e-02

Value: 0.000106 GenotypeRAGROR.SiteProximal\_Colon



0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

PWY.7196

FDR: 1.295e-01

Coefficient:  $-4.18e-02$

Value: GenotypeRAGROR.SiteProximal\_Colon

0

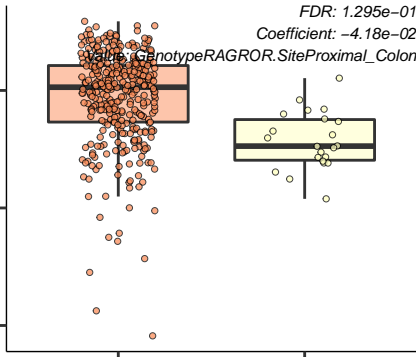
-1

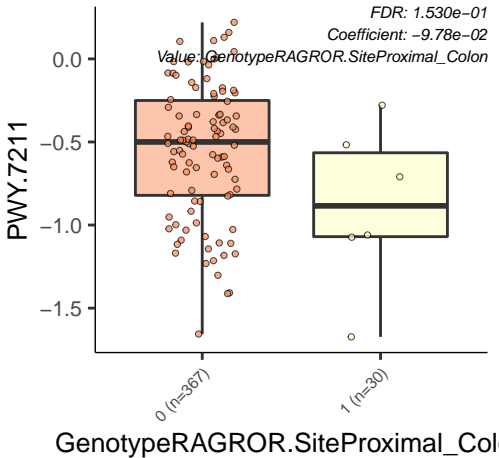
-2

0 (n=367)

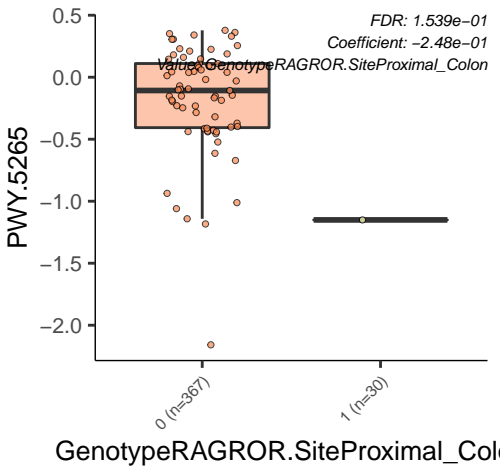
1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

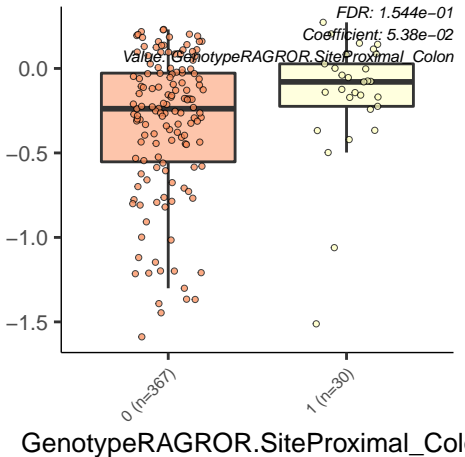








PWY.5347

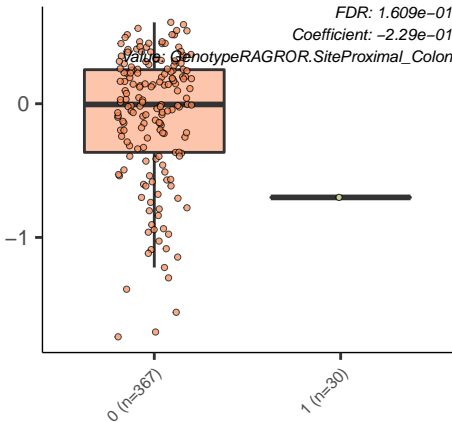


LACTOSECAT.PWY

FDR: 1.609e-01

Coefficient: -2.29e-01

Value: GenotypeRAGROR.SiteProximal\_Colon



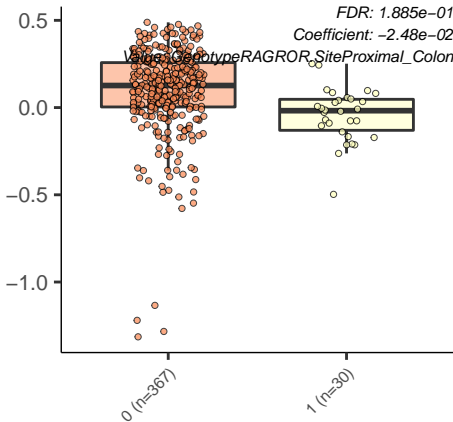
GenotypeRAGROR.SiteProximal\_Colon

THISYN.PWY

FDR: 1.885e-01

Coefficient: -2.48e-02

Value: GenotypeRAGROR.SiteProximal\_Colon



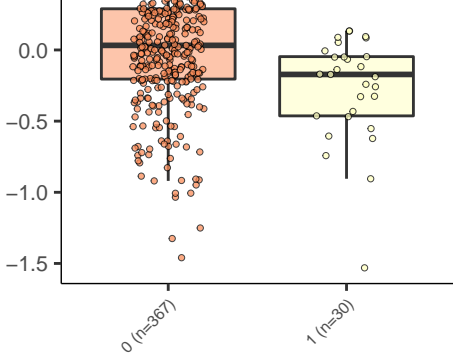
GenotypeRAGROR.SiteProximal\_Colon

P124.PWY

FDR: 1.922e-01

Coefficient: -3.54e-02

Value: GenotypeRAGROR.SiteProximal\_Colon



GenotypeRAGROR.SiteProximal\_Colon

PWY.7197

FDR: 1.960e-01

Coefficient: -9.25e-02

Value of GenotypeRAGROR.SiteProximal\_Colon

0

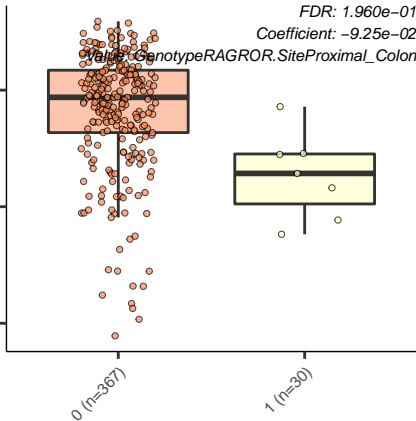
-1

-2

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon



COMPLETE.ARO.PWY

FDR: 2.063e-01

Coefficient: 1.06e-02

Value GenotypeRAGROR.SiteProximal\_Colon

0.50

0.25

0.00

0 (n=367)

1 (n=30)

GenotypeRAGROR.SiteProximal\_Colon

