

PWY.7228

FDR: 1.119e-08

Coefficient: -1.62e-01

Value: GenotypeRAGROR.SiteCecum

0

-1

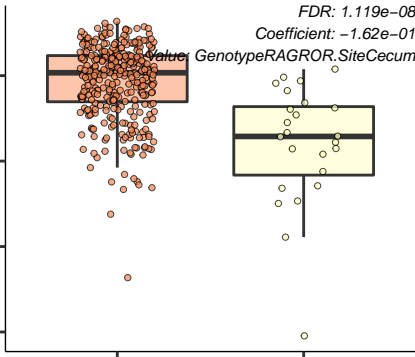
-2

-3

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



PWY.6269

FDR:  $3.502 \times 10^{-5}$

Coefficient:  $9.41 \times 10^{-2}$

Value: GenotypeRAGROR.SiteCecum

0

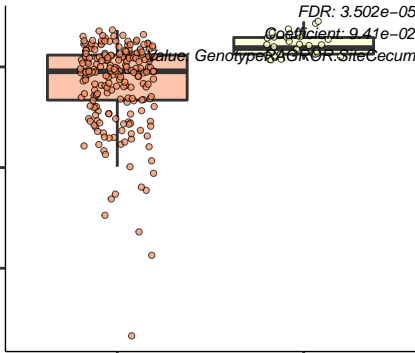
-1

-2

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum

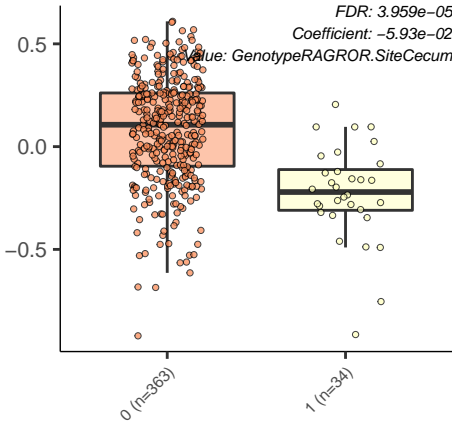


PWY.841

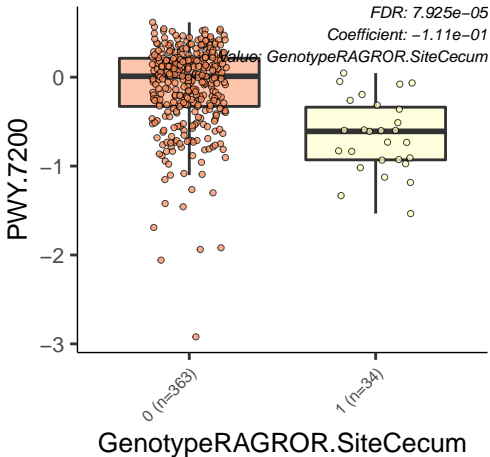
*FDR: 3.959e-05*

*Coefficient: -5.93e-02*

*Value: GenotypeRAGROR.SiteCecum*



GenotypeRAGROR.SiteCecum

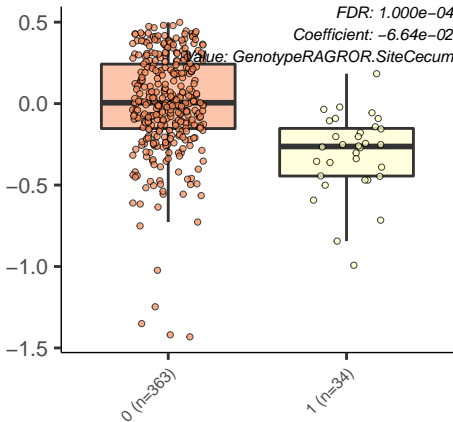


COLANSYN.PWY

FDR: 1.000e-04

Coefficient: -6.64e-02

Value: GenotypeRAGROR.SiteCecum



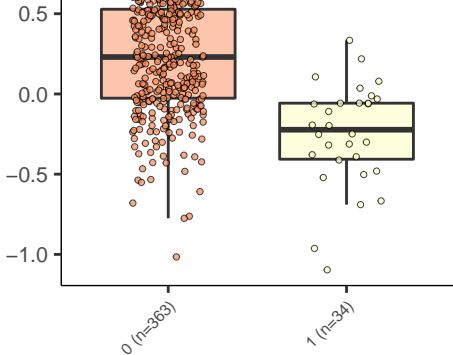
GenotypeRAGROR.SiteCecum

P161.PWY

FDR: 1.083e-04

Coefficient: -7.40e-02

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

LACTOSECAT.PWY

FDR: 1.271e-04

Coefficient: -3.44e-01

Value: GenotypeRAGROR.SiteCecum

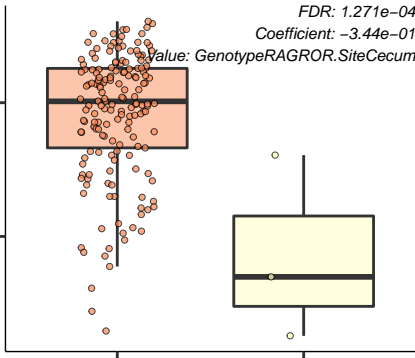
0

-1

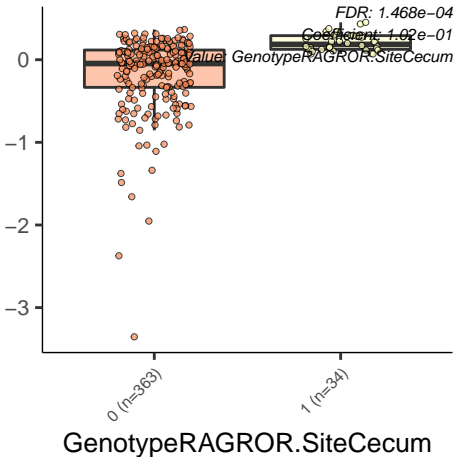
0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



PWY.5509



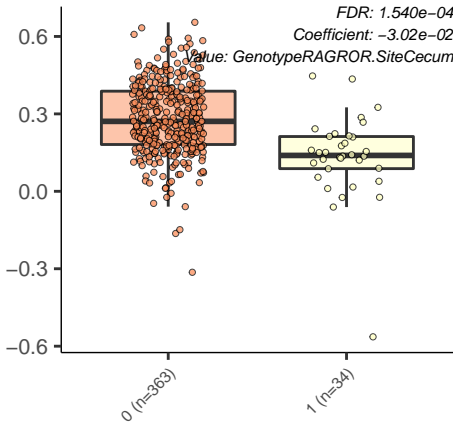


PWY.7220

*FDR: 1.540e-04*

*Coefficient: -3.02e-02*

*Value: GenotypeRAGROR.SiteCecum*



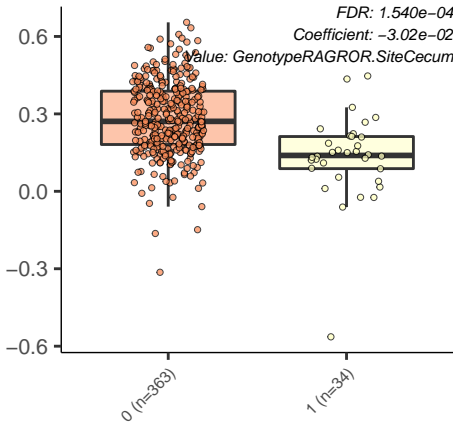
GenotypeRAGROR.SiteCecum

PWY.7222

*FDR: 1.540e-04*

*Coefficient: -3.02e-02*

*Value: GenotypeRAGROR.SiteCecum*



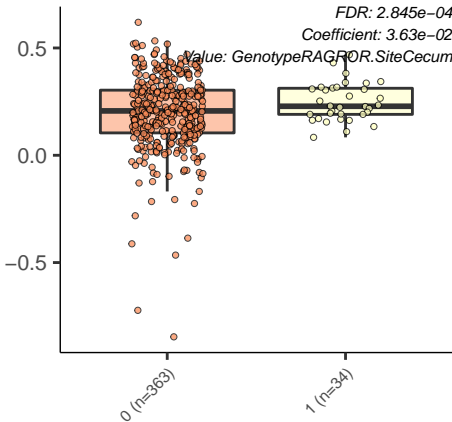
GenotypeRAGROR.SiteCecum

OANTIGEN.PWY

*FDR: 2.845e-04*

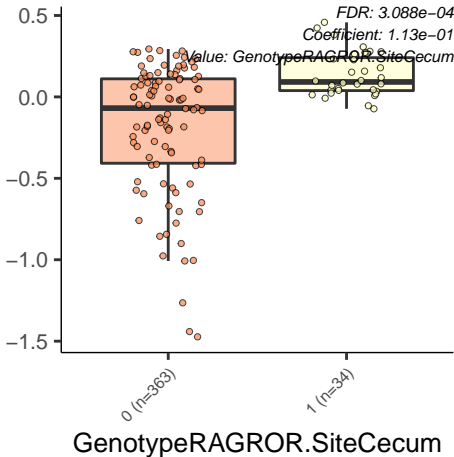
*Coefficient: 3.63e-02*

*Value: GenotypeRAGROR.SiteCecum*



GenotypeRAGROR.SiteCecum

PWY.5384



GLCMANNNAUT.PWY

FDR: 3.870e-04

Coefficient: -5.21e-02

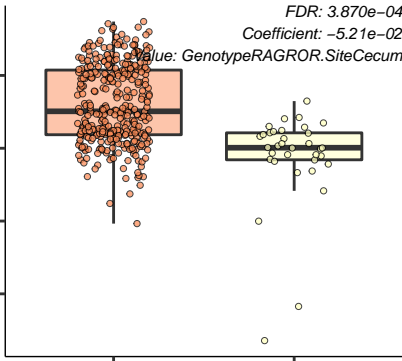
Value: GenotypeRAGROR.SiteCecum

0.5  
0.0  
-0.5  
-1.0

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



COMPLETE.ARO.PWY

0.50

0.25

0.00

0 (n=363)

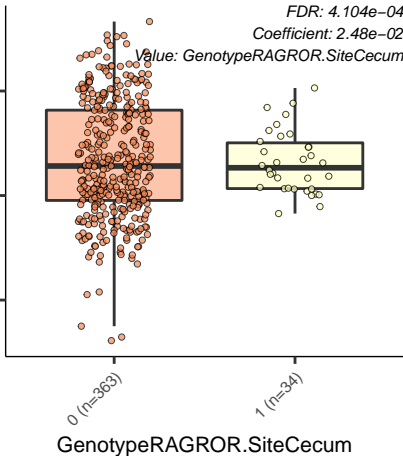
1 (n=34)

GenotypeRAGROR.SiteCecum

FDR: 4.104e-04

Coefficient: 2.48e-02

Value: GenotypeRAGROR.SiteCecum

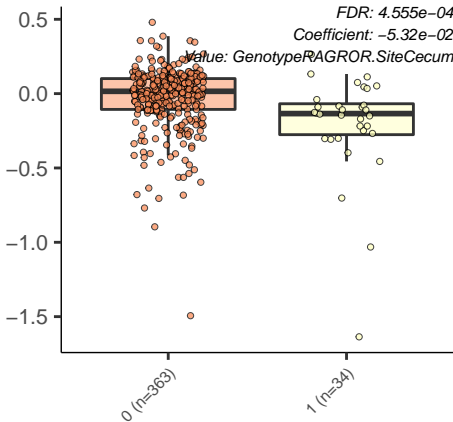


PENTOSE.P.PWY

FDR: 4.555e-04

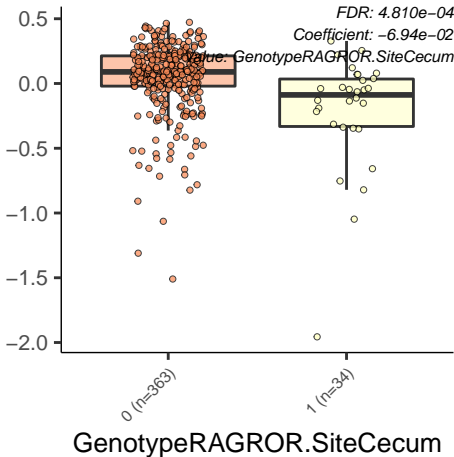
Coefficient: -5.32e-02

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

PWY.6507



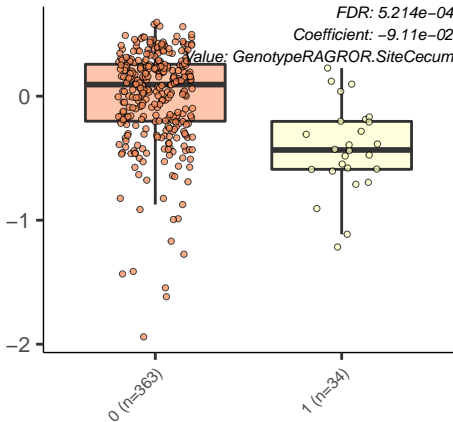


PWY.7234

FDR: 5.214e-04

Coefficient: -9.11e-02

Value: GenotypeRAGROR.SiteCecum



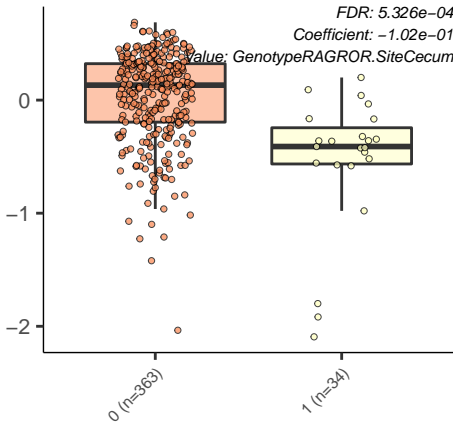
GenotypeRAGROR.SiteCecum

PWY.7392

FDR: 5.326e-04

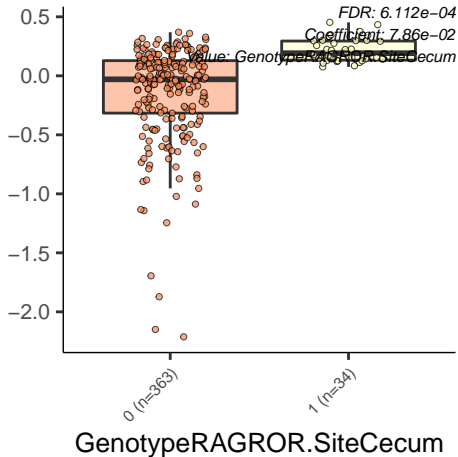
Coefficient: -1.02e-01

Value: GenotypeRAGROR.SiteCecum



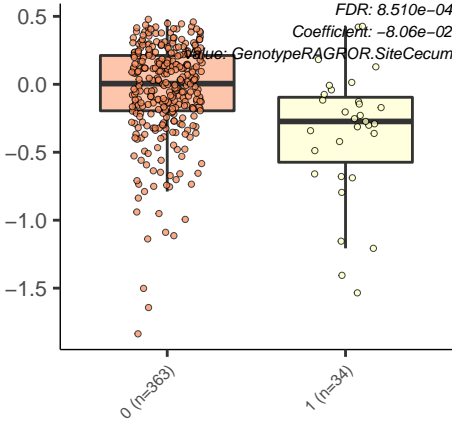
GenotypeRAGROR.SiteCecum

COBALSYN.PWY



NAGLIPASYN.PWY

FDR: 8.510e-04  
Coefficient: -8.06e-02  
Value: GenotypeRAGROR.SiteCecum



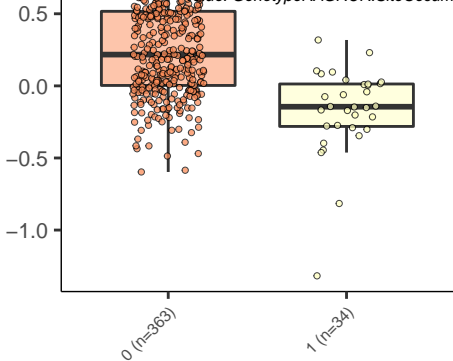
GenotypeRAGROR.SiteCecum

PWY0.1297

*FDR: 1.039e-03*

*Coefficient: -5.58e-02*

*Value: GenotypeRAGROR.SiteCecum*



GenotypeRAGROR.SiteCecum

DAPLYSINESYN.PWY

FDR: 1.201e-03

Coefficient: 3.68e-02

Value: GenotypeRAGROR.SiteCecum

0.5  
0.0  
-0.5



0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum

PWY.5505

0

-1

-2

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum

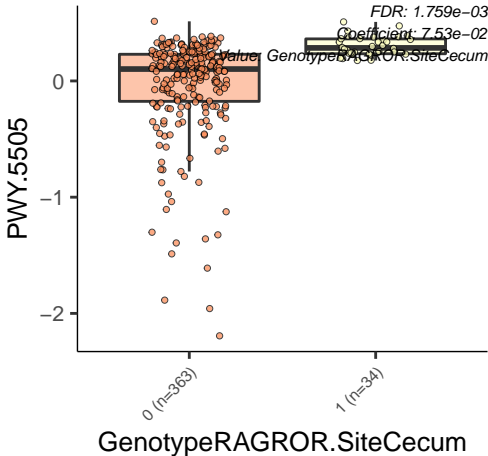
Value

GenotypeRAGROR.SiteCecum

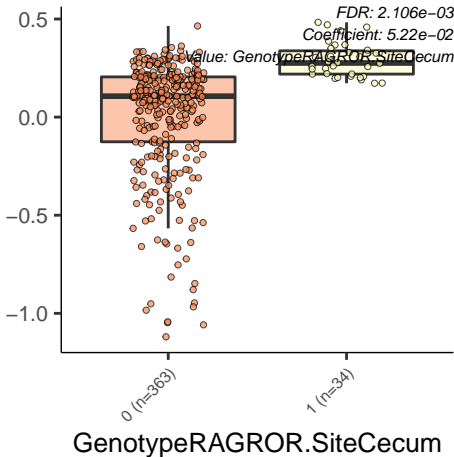
FDR: 1.759e-03

Coefficient: 7.53e-02

GenotypeRAGROR.SiteCecum

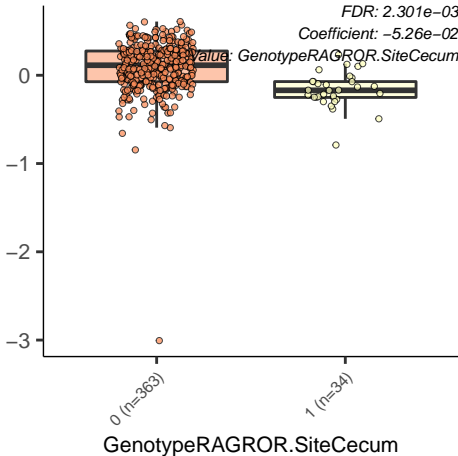


PWY.7400

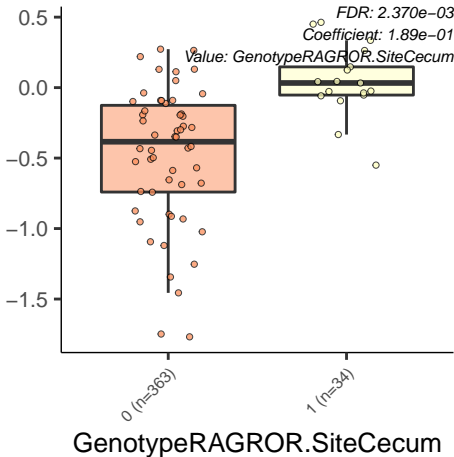




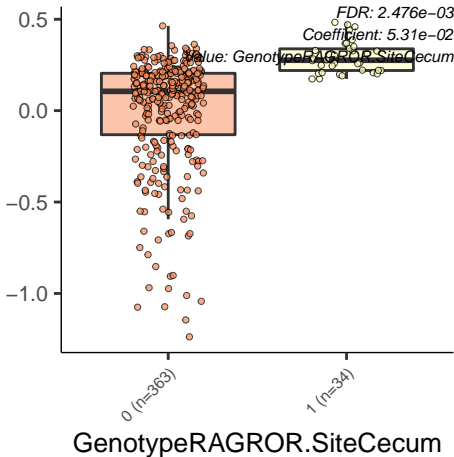
DENOVOPURINE2.PWY



HSERMETANA.PWY



ARGSYN.PWY

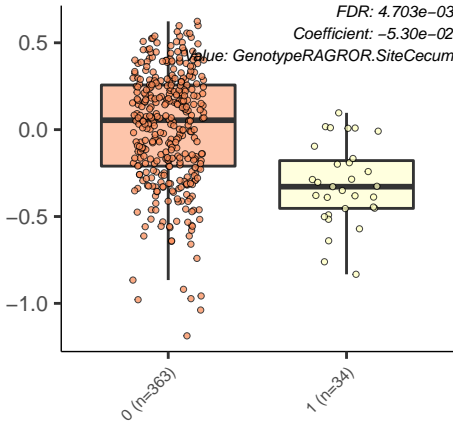


PWY.7187

FDR: 4.703e-03

Coefficient: -5.30e-02

Value: GenotypeRAGROR.SiteCecum



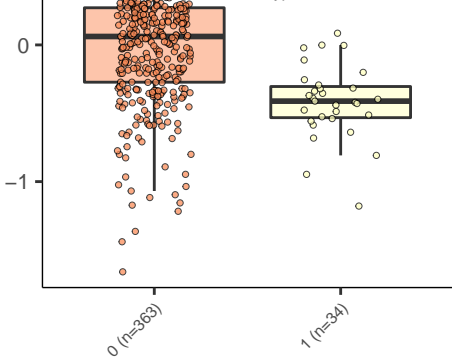
GenotypeRAGROR.SiteCecum

PWY0.166

FDR: 4.918e-03

Coefficient: -6.29e-02

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

PWY.7196

FDR:  $7.121e-03$

Coefficient:  $-6.64e-02$

Value: GenotypeRAGROR.SiteCecum

0

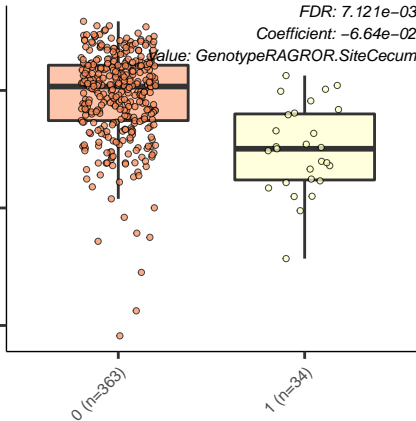
-1

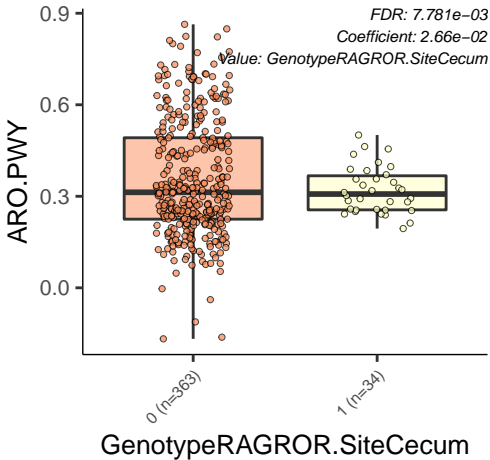
-2

0 (n=363)

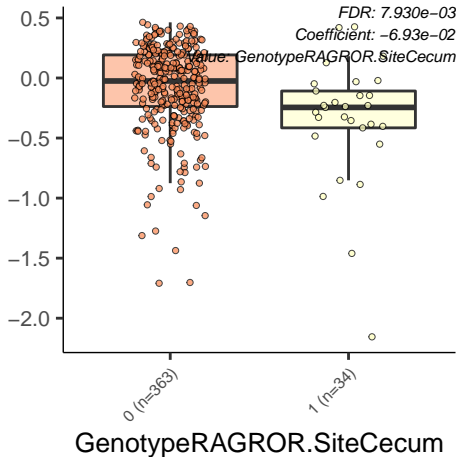
1 (n=34)

GenotypeRAGROR.SiteCecum





PWY.1269



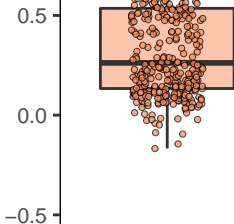


PWY.5659

*FDR: 9.631e-03*

*Coefficient: -3.04e-02*

*Value: GenotypeRAGROR.SiteCecum*



0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum

PWY.6125

FDR:  $1.204e-02$

Coefficient:  $-6.49e-02$

Value: GenotypeRAGROR.SiteCecum

0

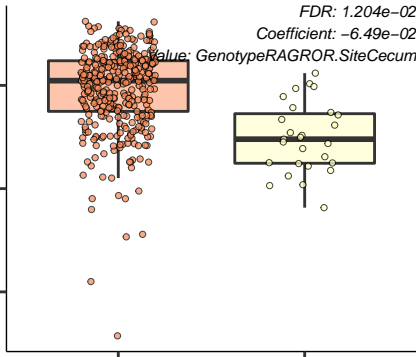
-1

-2

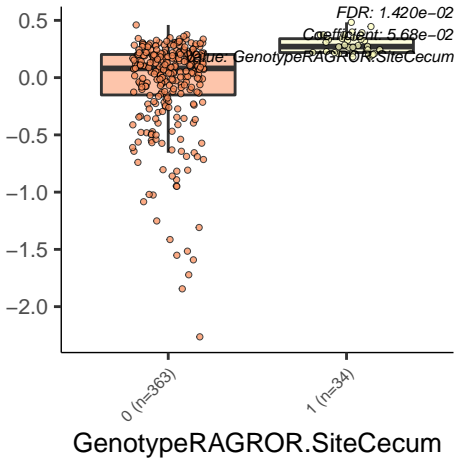
0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



ARGSYNBSUB.PWY

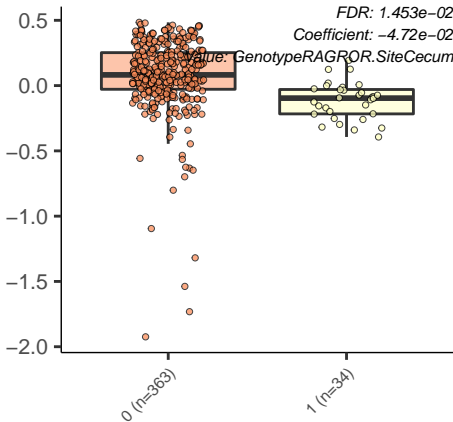


PWY.7323

*FDR: 1.453e-02*

*Coefficient: -4.72e-02*

*Value: GenotypeRAGROR.SiteCecum*



GenotypeRAGROR.SiteCecum

POLYISOPRENSYN.PWY

FDR:  $2.417 \times 10^{-2}$

Coefficient:  $-2.41 \times 10^{-2}$

Value: GenotypeRAGROR.SiteCecum

0.4

0.0

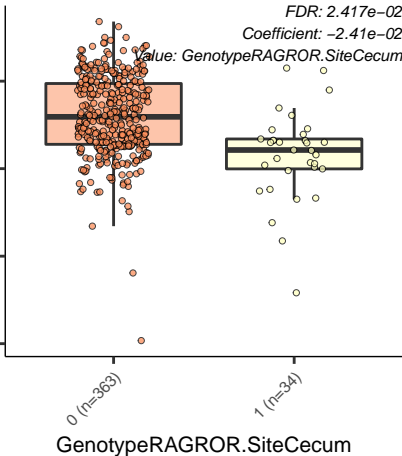
-0.4

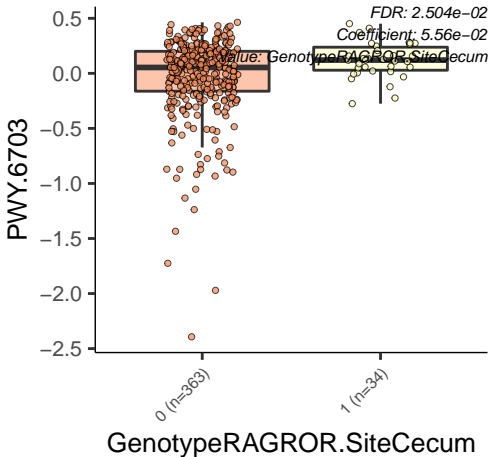
-0.8

0 (n=363)

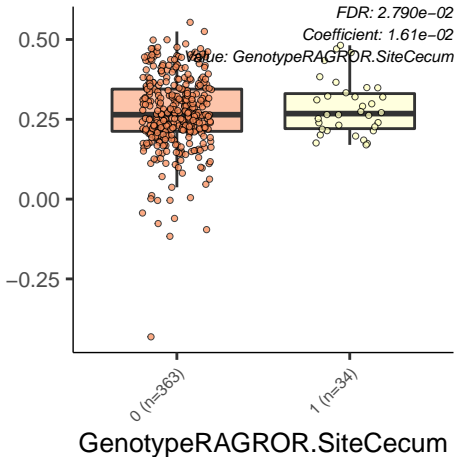
1 (n=34)

GenotypeRAGROR.SiteCecum





X1CMET2.PWY



P42.PWY

FDR:  $2.909 \times 10^{-2}$

Coefficient:  $-3.67 \times 10^{-2}$

Value: GenotypeRAGROR.SiteCecum

0

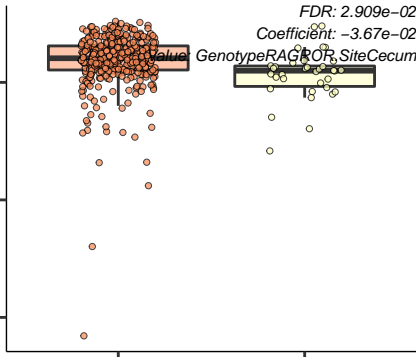
-1

-2

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



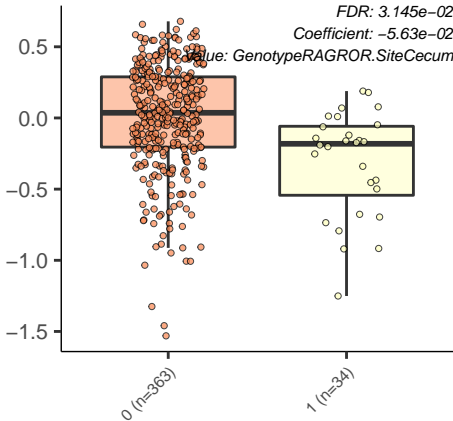


P124.PWY

FDR:  $3.145e-02$

Coefficient:  $-5.63e-02$

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

PWY4FS.7

FDR: 3.364e-02

Coefficient: 2.34e-02

Value: GenotypeRAGROR.SiteCecum

0.75

0.50

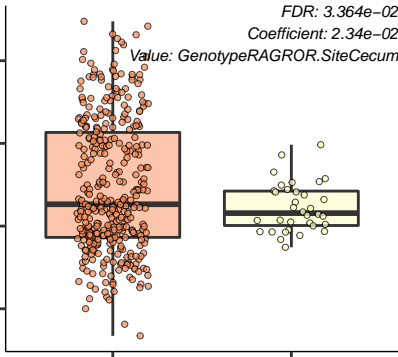
0.25

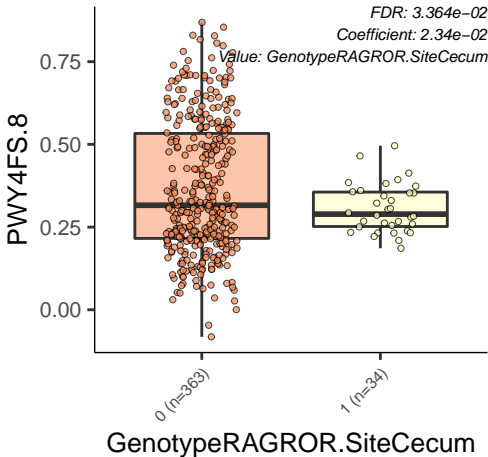
0.00

0 (n=363)

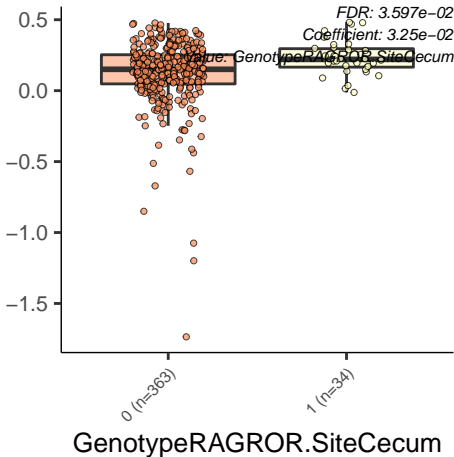
1 (n=34)

GenotypeRAGROR.SiteCecum





PYRIDNUCSYN.PWY



PHOSLIPSYN.PWY

FDR: 3.651e-02

Coefficient: 2.00e-02

Value: GenotypeRAGROR.SiteCecum

0.75

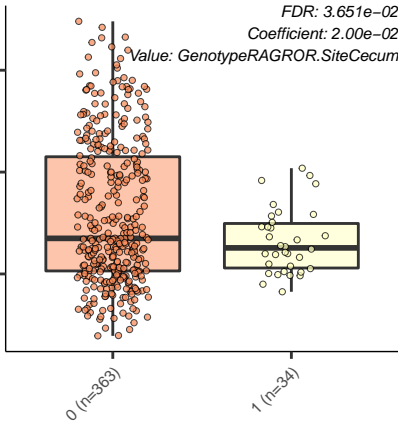
0.50

0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum

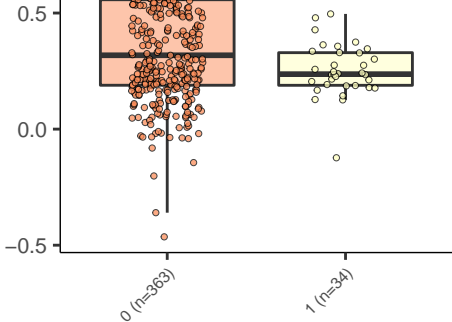


PWY0.1586

FDR: 4.874e-02

Coefficient: 2.51e-02

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

NONOXIPENT.PWY

FDR: 4.926e-02

Coefficient: 1.69e-02

Value: GenotypeRAGROR.SiteCecum

0.75

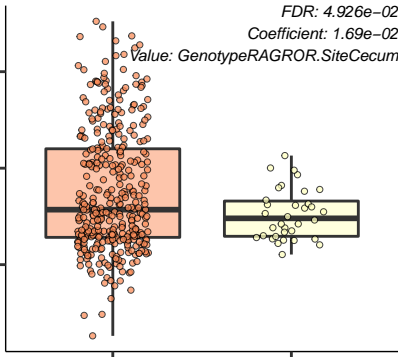
0.50

0.25

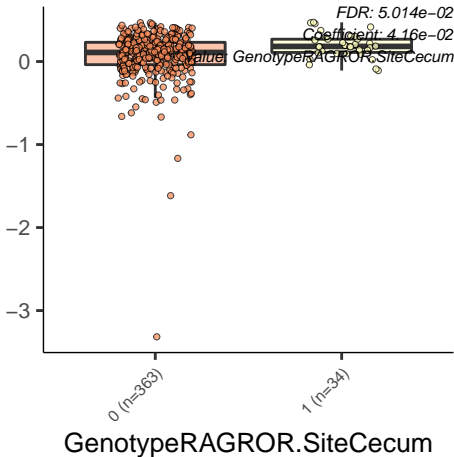
0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



PANTO.PWY



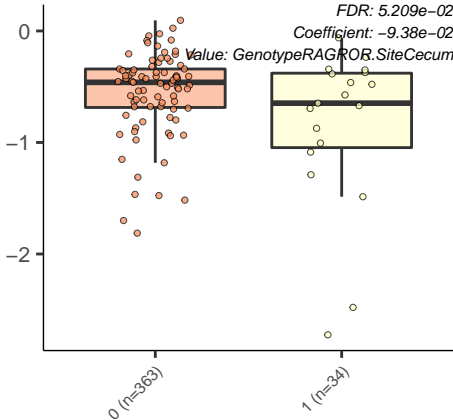


PWY.6588

FDR:  $5.209e-02$

Coefficient:  $-9.38e-02$

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

PYRIDNUCSAL.PWY

FDR:  $5.733e-02$

Coefficient:  $4.82e-02$

Value: GenotypeRAGROR.SiteCecum

0

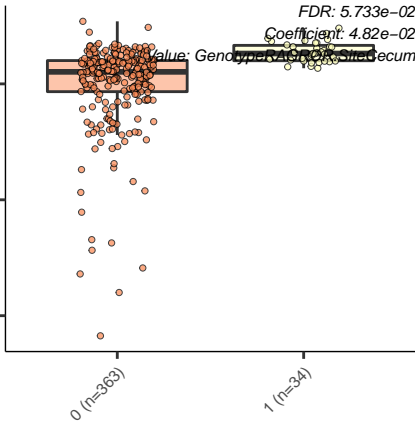
-1

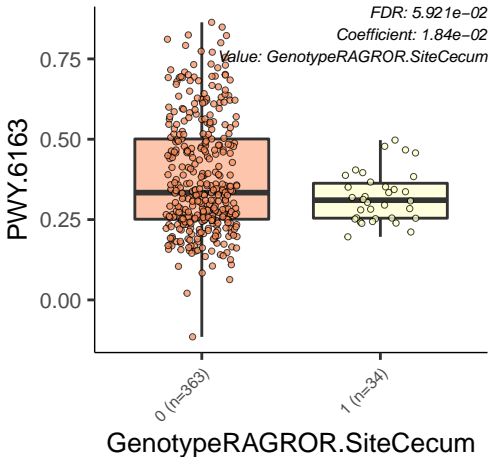
-2

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



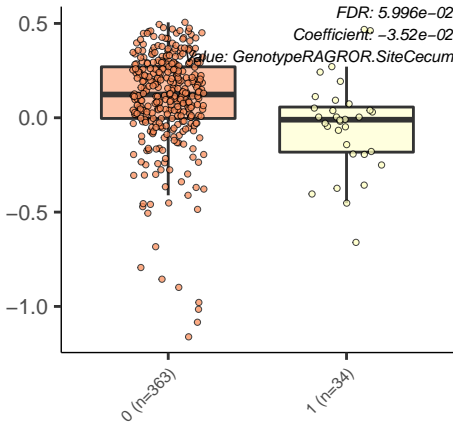


P108.PWY

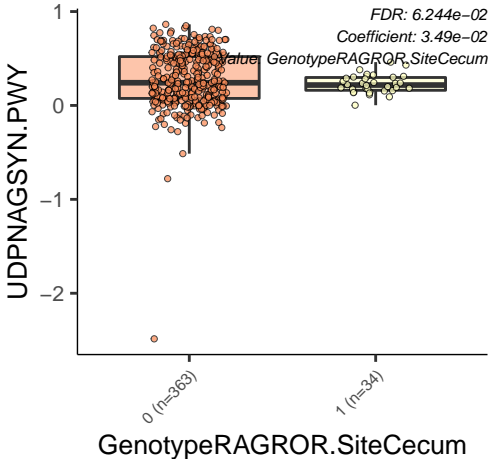
FDR:  $5.996 \times 10^{-2}$

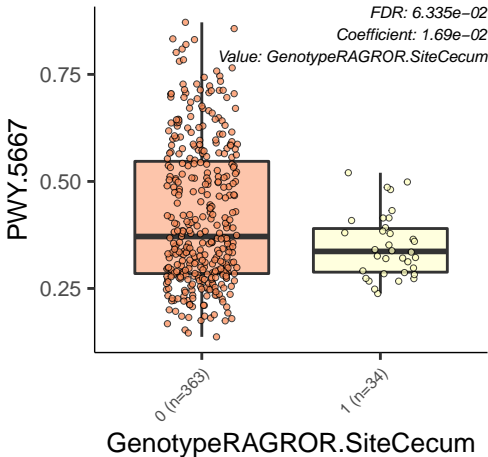
Coefficient:  $-3.52 \times 10^{-2}$

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum





PWY0.1319

FDR: 6.335e-02

Coefficient: 1.69e-02

Value: GenotypeRAGROR.SiteCecum

0.75

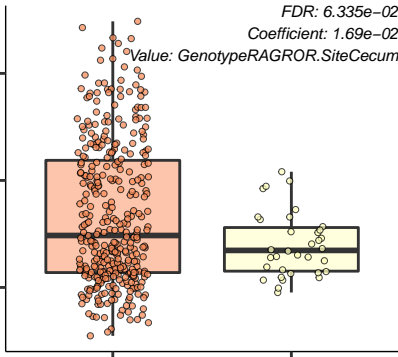
0.50

0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum



NONMEVIP.PWY

FDR: 6.443e-02

Coefficient: 1.80e-02

Value: GenotypeRAGROR.SiteCecum

0.75

0.50

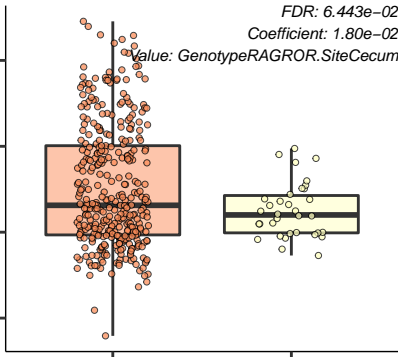
0.25

0.00

0 (n=363)

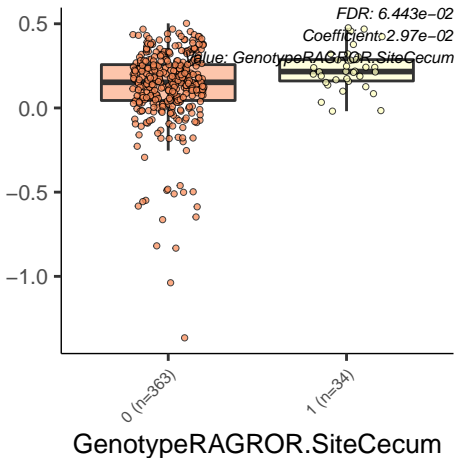
1 (n=34)

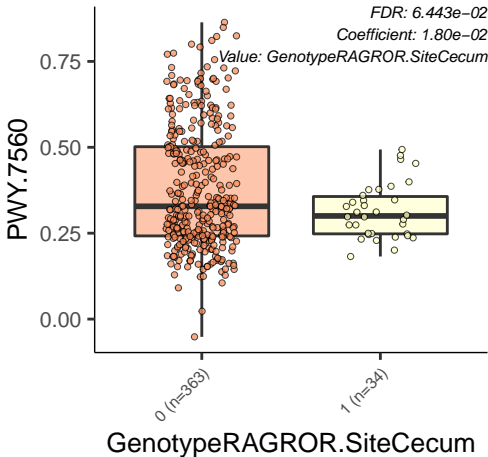
GenotypeRAGROR.SiteCecum



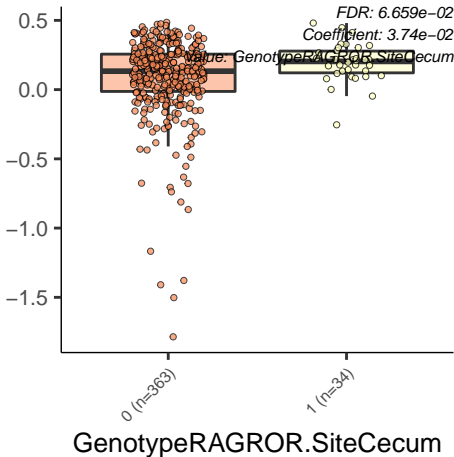


PANTOSYN.PWY





PWY.6892

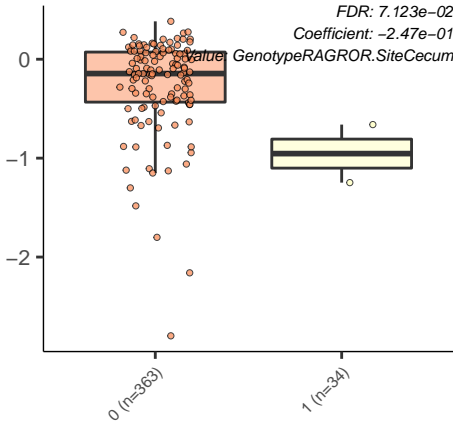


P461.PWY

FDR:  $7.123e-02$

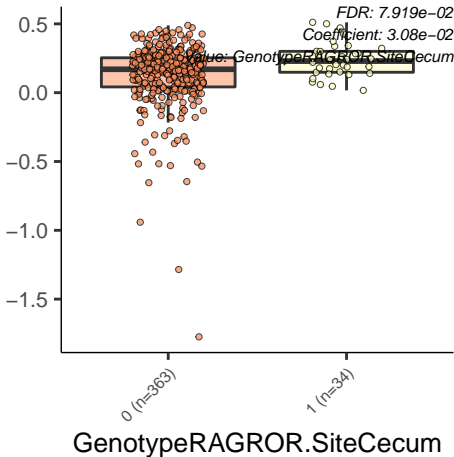
Coefficient:  $-2.47e-01$

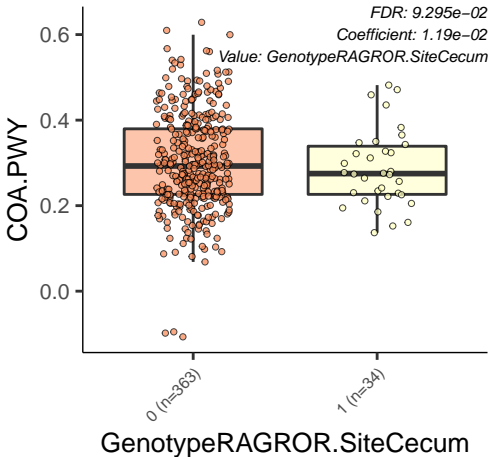
Value GenotypeRAGROR.SiteCecum



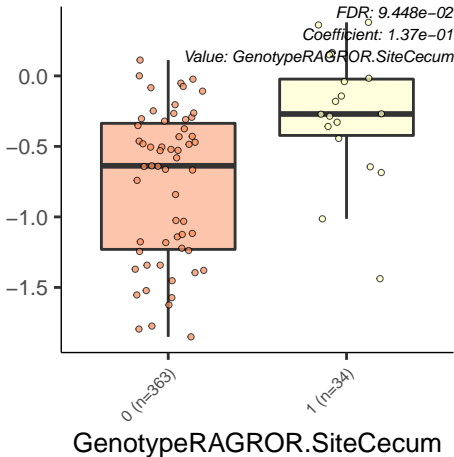
GenotypeRAGROR.SiteCecum

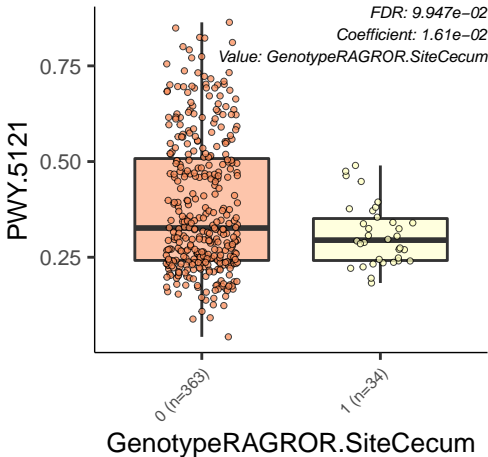
PWY.6897





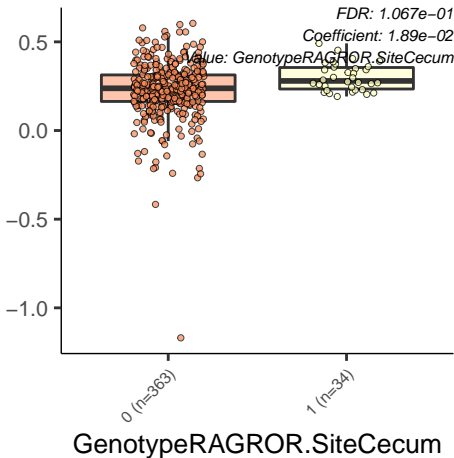
PWY.6263

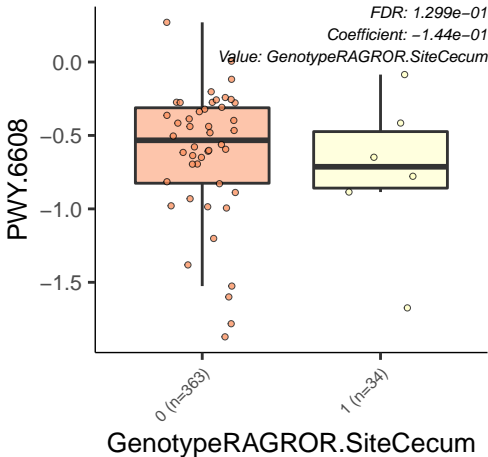






PWY.6317





PWY.621

0  
-1

0 (n=363)

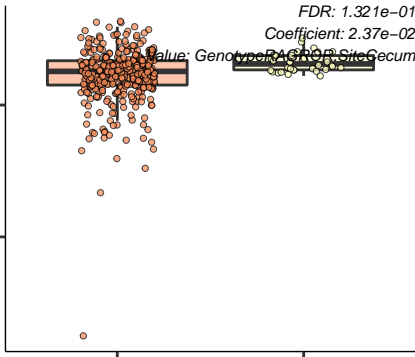
1 (n=34)

GenotypeRAGROR.SiteCecum

FDR: 1.321e-01

Coefficient: 2.37e-02

Value: GenotypeRAGROR.SiteCecum



DTDPRHAMSYN.PWY

FDR: 1.325e-01

Coefficient: 2.08e-02

Value: GenotypeRAGROR.SiteCecum

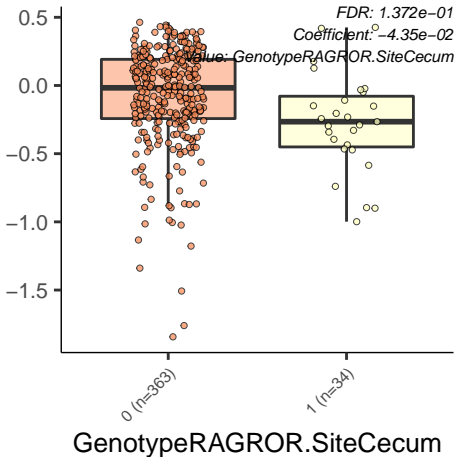


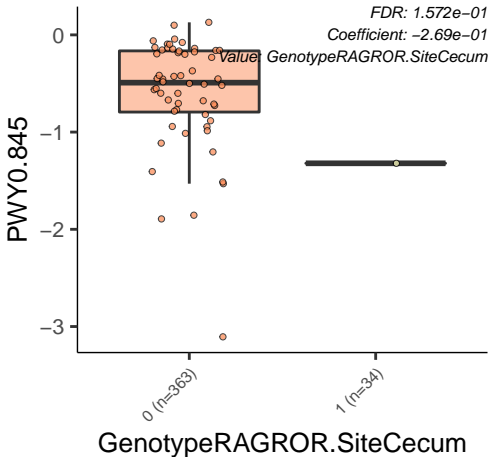
0 (n=363)

1 (n=34)

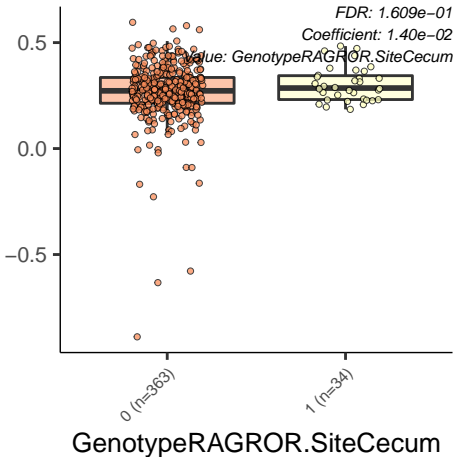
GenotypeRAGROR.SiteCecum

PWY.6467





PWY.6123

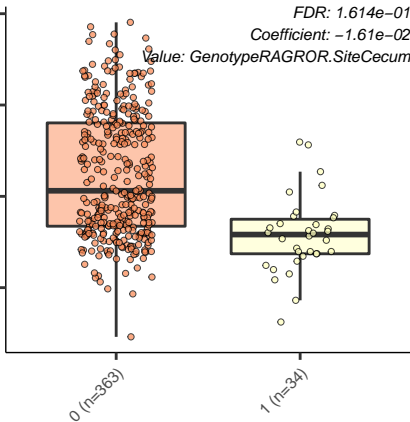


FASYN.ELONG.PWY

FDR: 1.614e-01

Coefficient: -1.61e-02

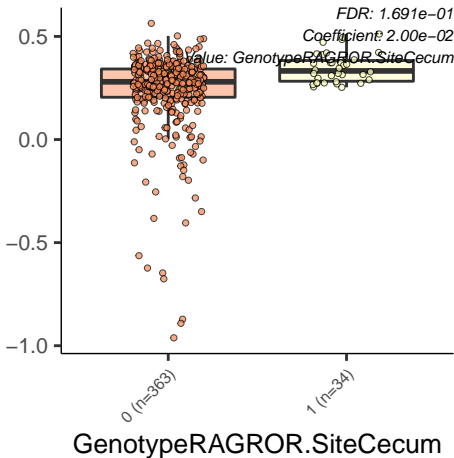
Value: GenotypeRAGROR.SiteCecum



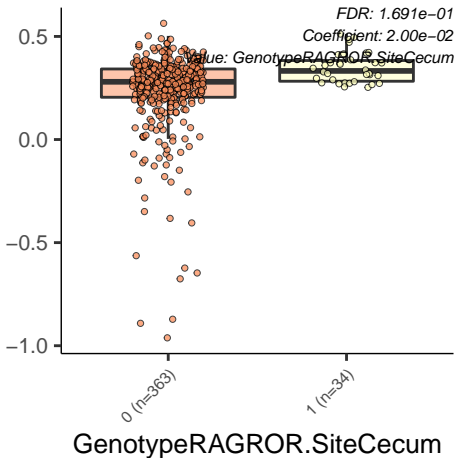
GenotypeRAGROR.SiteCecum



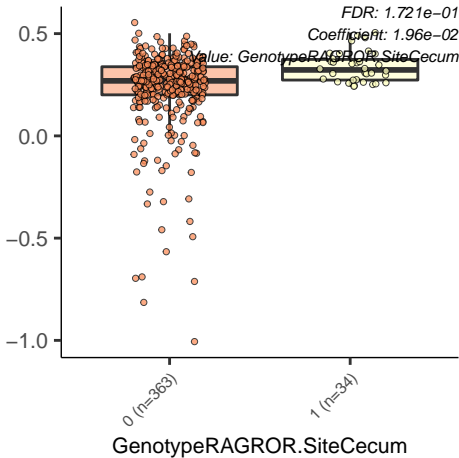
ILEUSYN.PWY



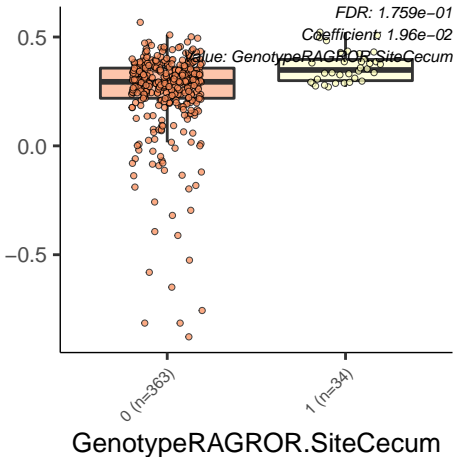
VALSYN.PWY



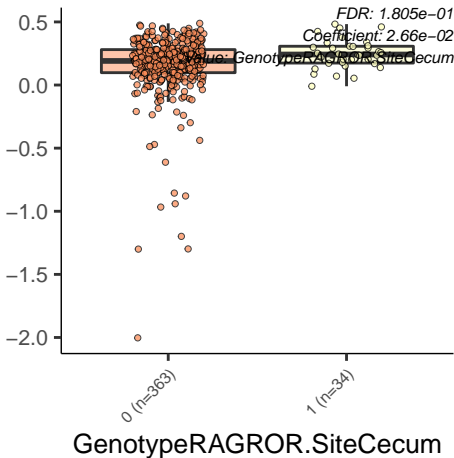
BRANCHED.CHAIN.AA.SYN.PWY



PWY.5101



RIBOSYN2.PWY

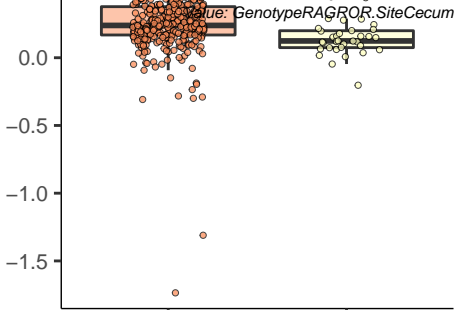


PWY.5695

*FDR: 1.809e-01*

*Coefficient: -1.94e-02*

*Value: GenotypeRAGROR.SiteCecum*



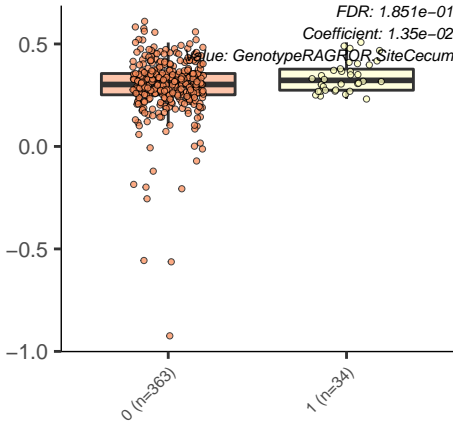
GenotypeRAGROR.SiteCecum

PWY.5686

*FDR: 1.851e-01*

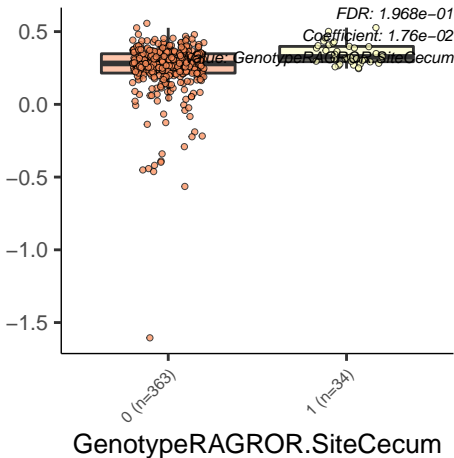
*Coefficient: 1.35e-02*

*Value: GenotypeRAGROR.SiteCecum*



GenotypeRAGROR.SiteCecum

GLYCOCAT.PWY





GLUTORN.PWY

0

-1

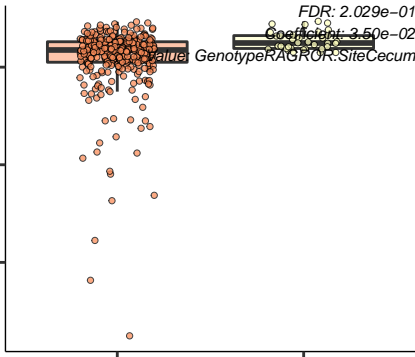
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0 (n=363)

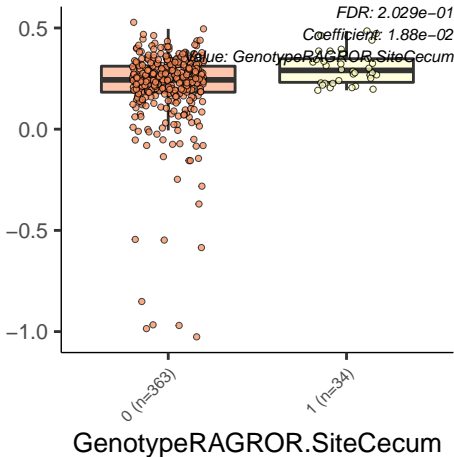
1 (n=34)

GenotypeRAGROR.SiteCecum

FDR: 2.029e-01  
Coefficient: 3.50e-02  
value: GenotypeRAGROR.SiteCecum



SER.GLYSYN.PWY



PWY.5103

FDR: 2.089e-01

Coefficient: 2.20e-02

Value: GenotypeRAGROR.SiteCecum

0

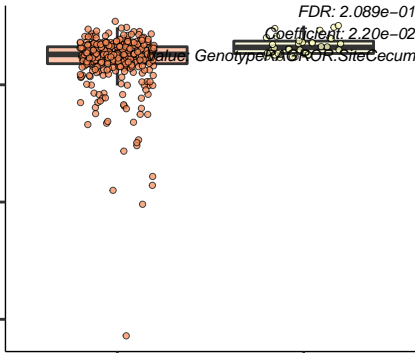
-1

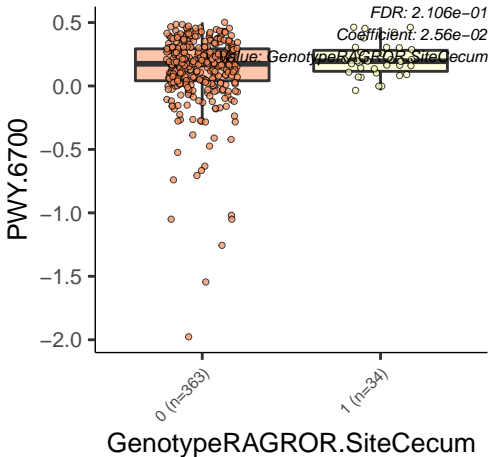
-2

0 (n=363)

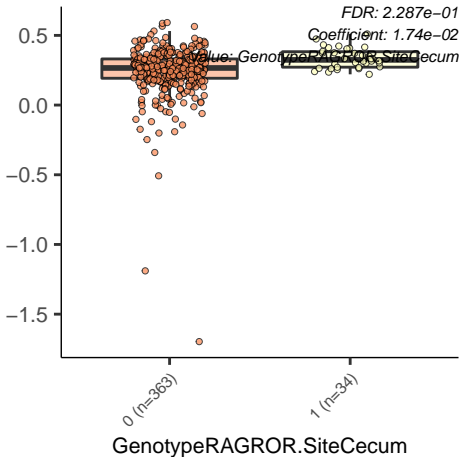
1 (n=34)

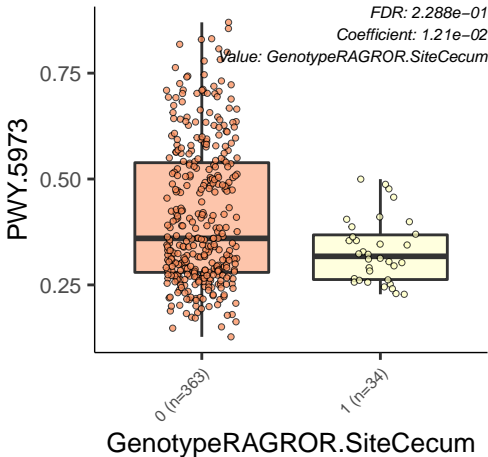
GenotypeRAGROR.SiteCecum

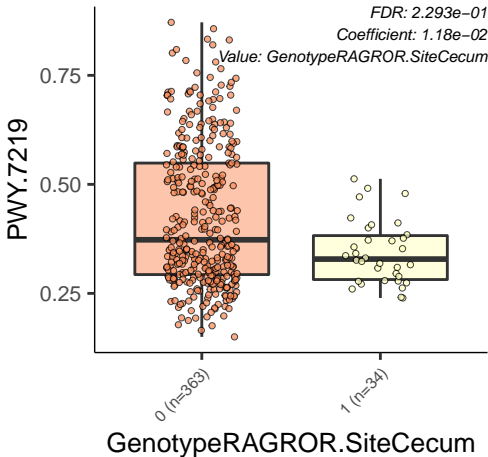


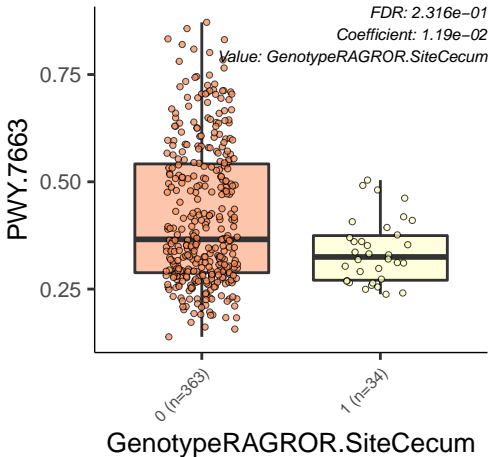


GLYCOGENSYNTH.PWY









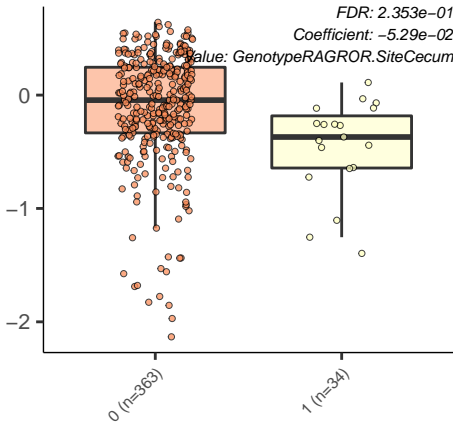


P122.PWY

FDR: 2.353e-01

Coefficient: -5.29e-02

Value: GenotypeRAGROR.SiteCecum



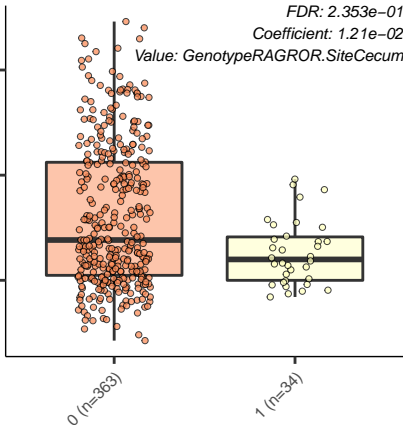
GenotypeRAGROR.SiteCecum

TRNA.CHARGING.PWY

FDR: 2.353e-01

Coefficient: 1.21e-02

Value: GenotypeRAGROR.SiteCecum



GenotypeRAGROR.SiteCecum

PWY.5347

FDR: 2.419e-01

Coefficient: -5.88e-02

Value: GenotypeRAGROR.SiteCecum

0.0

-0.5

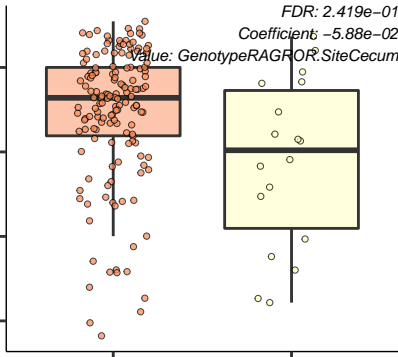
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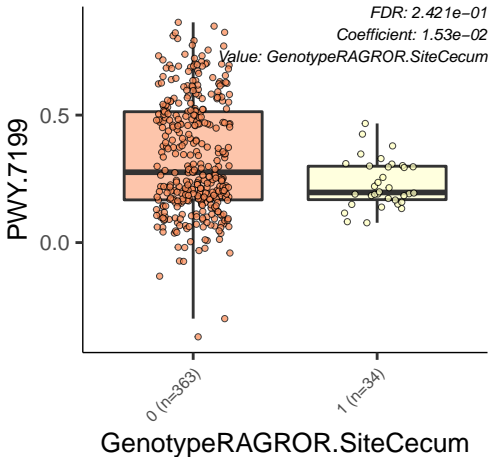
-1.5

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteCecum





HISTSYN.PWY

