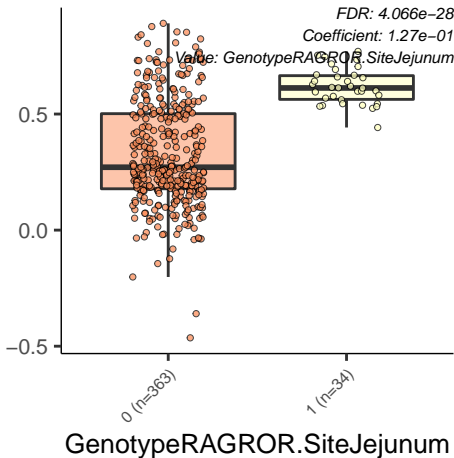


PWY0.1586



COMPLETE.ARO.PWY

0.50
0.25
0.00

0 (n=363)

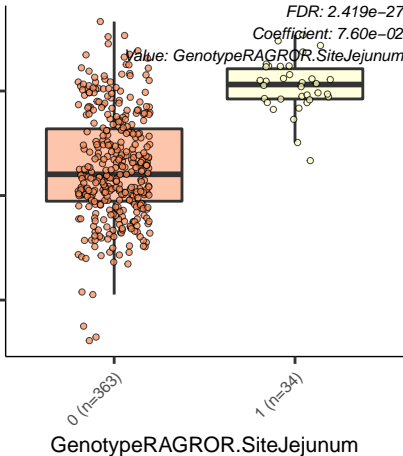
1 (n=34)

GenotypeRAGROR.SiteJejunum

FDR: 2.419e-27

Coefficient: 7.60e-02

Value: GenotypeRAGROR.SiteJejunum



TRNA.CHARGING.PWY

FDR: 2.667e-27

Coefficient: 8.82e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

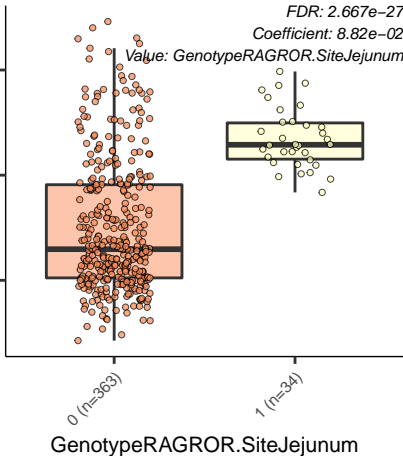
0.50

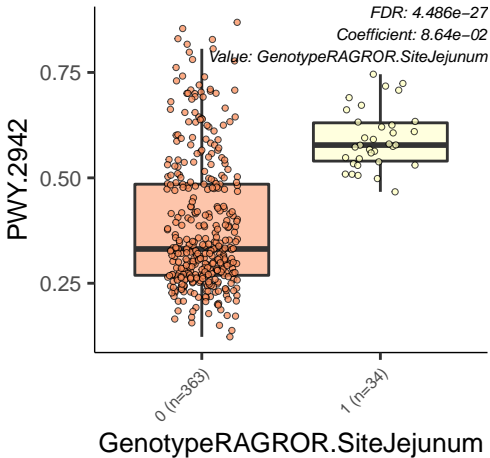
0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum





PWY.7199

FDR: 4.486e-27

Coefficient: 1.12e-01

Value: GenotypeRAGROR.SiteJejunum

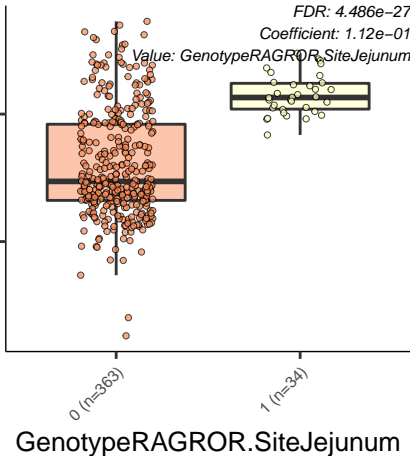
0.5

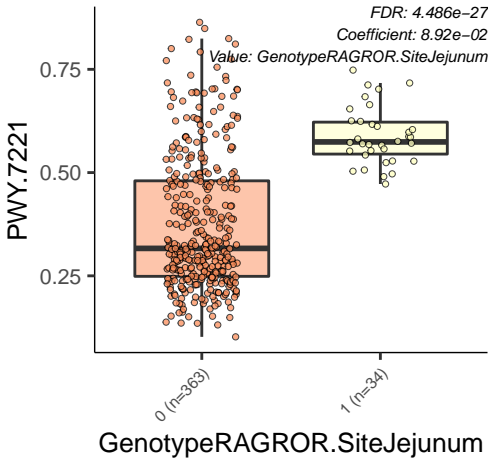
0.0

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



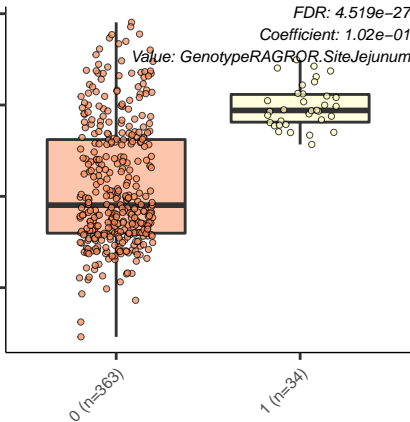


FASYN.ELONG.PWY

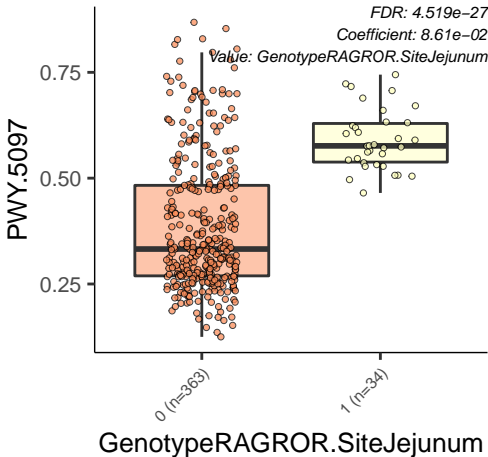
FDR: 4.519e-27

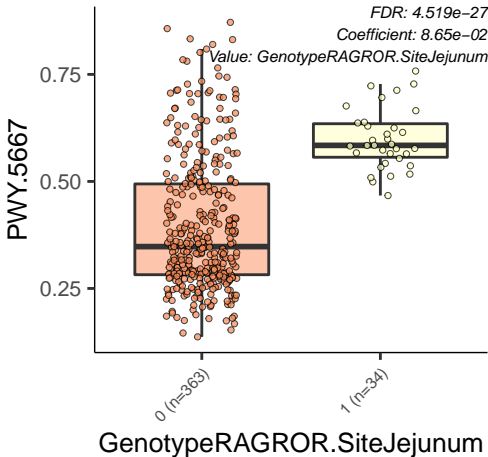
Coefficient: 1.02e-01

Value: GenotypeRAGROR.SiteJejunum



GenotypeRAGROR.SiteJejunum





PWY.7219

FDR: 4.519e-27

Coefficient: 8.37e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

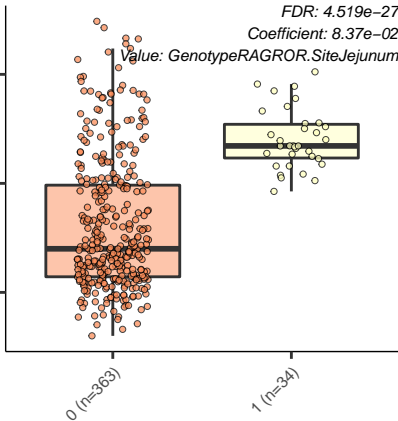
0.50

0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



PWY0.1319

FDR: 4.519e-27

Coefficient: 8.65e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

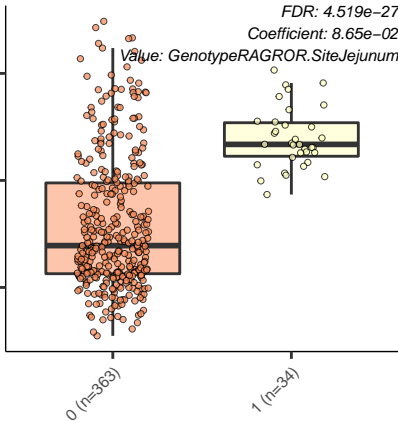
0.50

0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



PEPTIDOGLYCANSYN.PWY

FDR: 5.009e-27

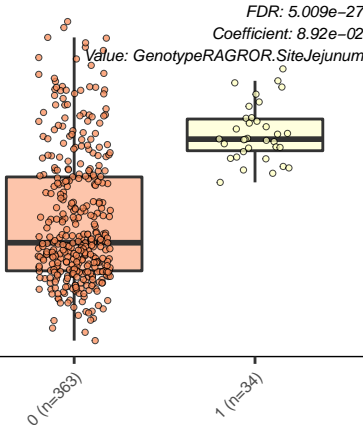
Coefficient: 8.92e-02

Value: GenotypeRAGROR.SiteJejunum

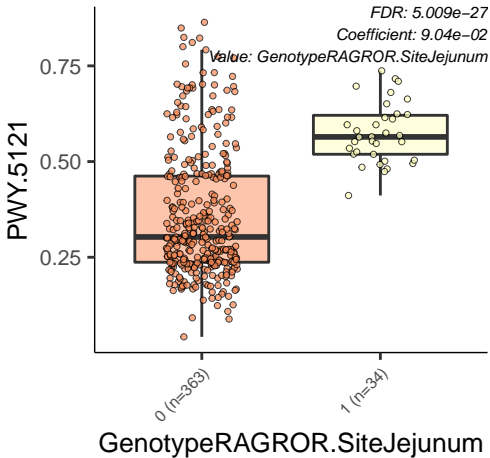
0.75

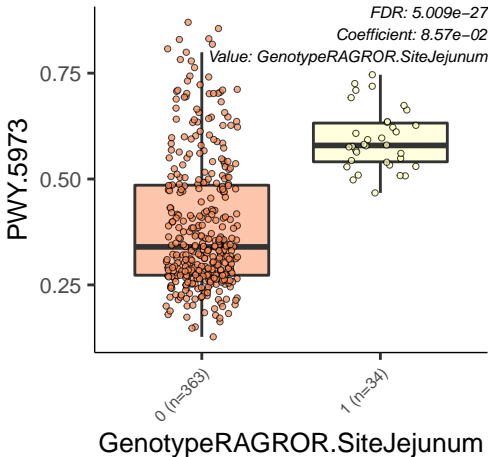
0.50

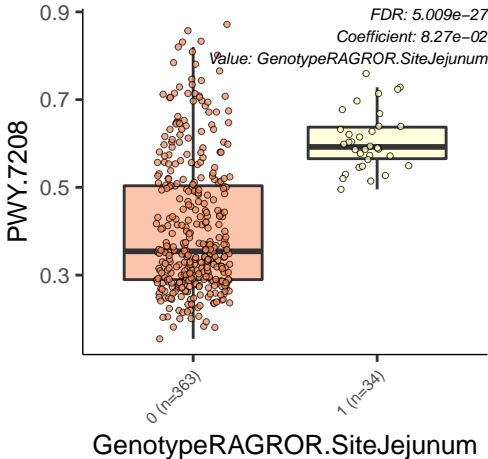
0.25



GenotypeRAGROR.SiteJejunum







ANAGLYCOLYSIS.PWY

FDR: 5.647e-27

Coefficient: 8.32e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

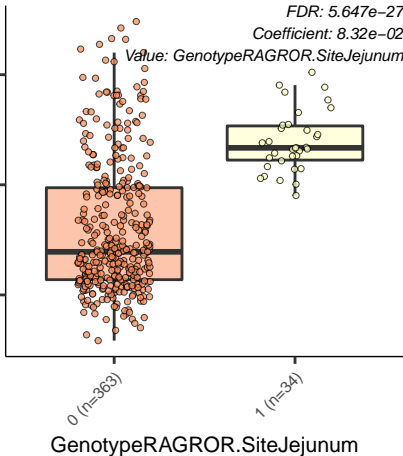
0.50

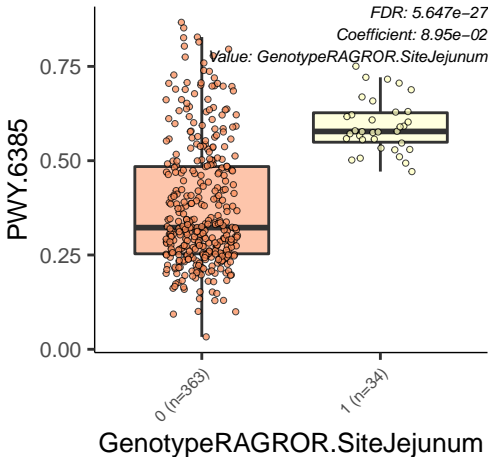
0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum





PWY.6387

FDR: 5.647e-27

Coefficient: 8.91e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

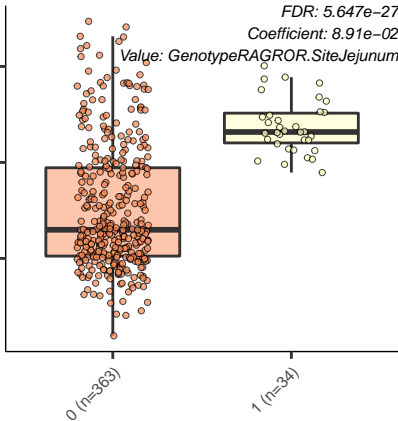
0.50

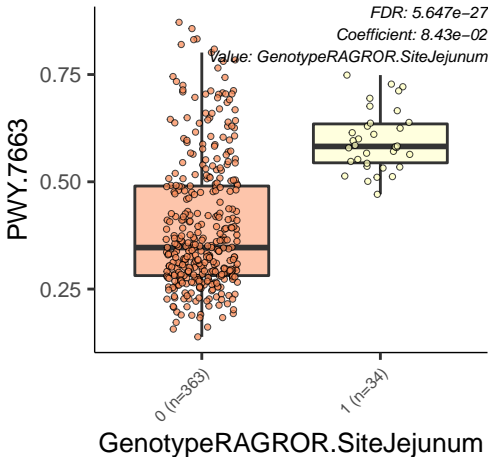
0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



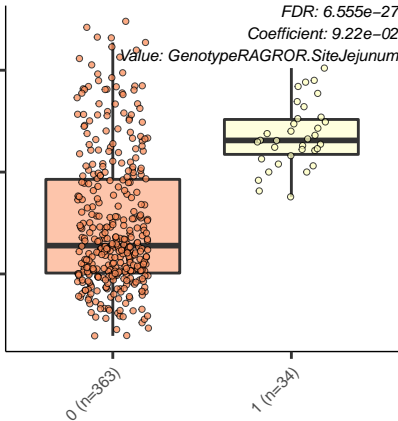


PHOSLIPSYN.PWY

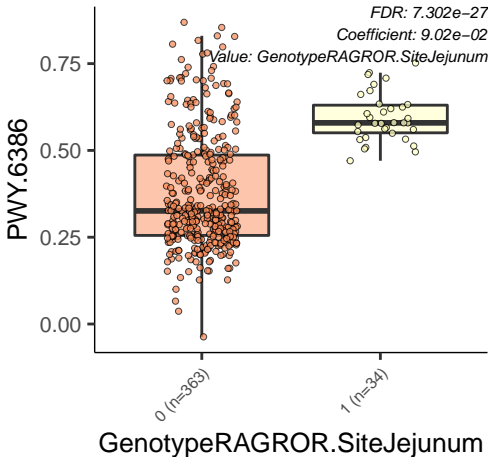
FDR: 6.555e-27

Coefficient: 9.22e-02

Value: GenotypeRAGROR.SiteJejunum



GenotypeRAGROR.SiteJejunum



NONMEVIP.PWY

FDR: 4.738e-26

Coefficient: 9.00e-02

Value: GenotypeRAGROR.SiteJejunum

0.75

0.50

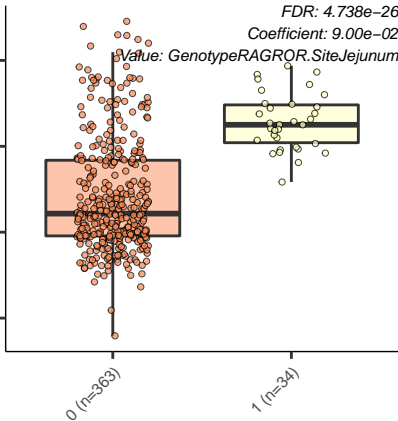
0.25

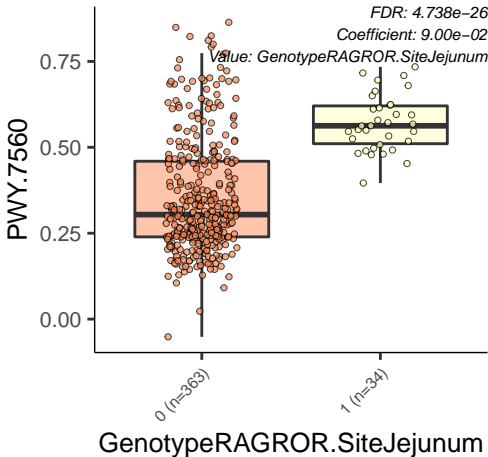
0.00

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



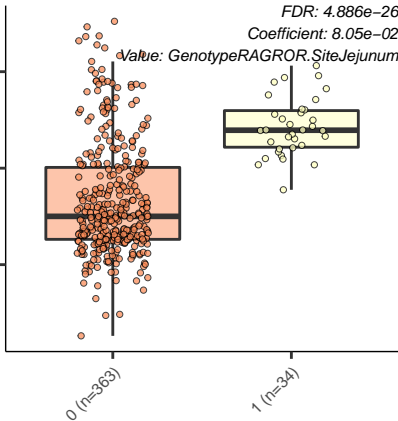


NONOXIPENT.PWY

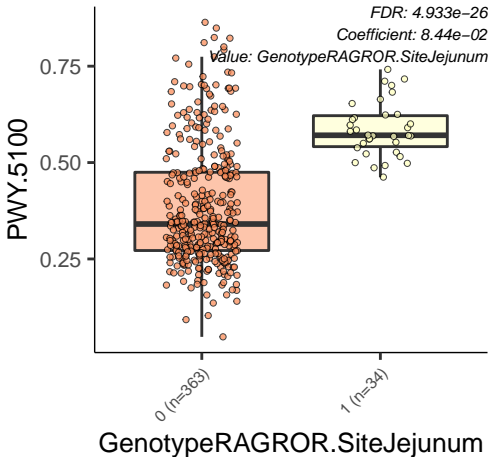
FDR: 4.886e-26

Coefficient: 8.05e-02

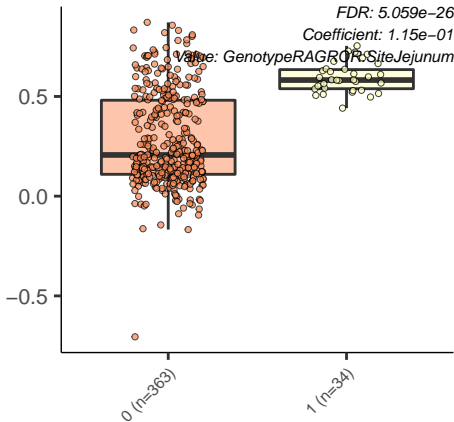
Value: GenotypeRAGROR.SiteJejunum



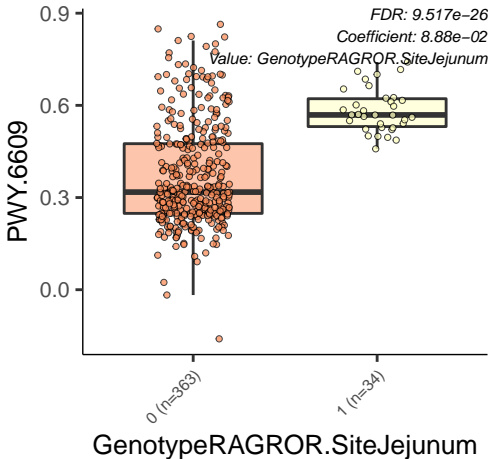
GenotypeRAGROR.SiteJejunum

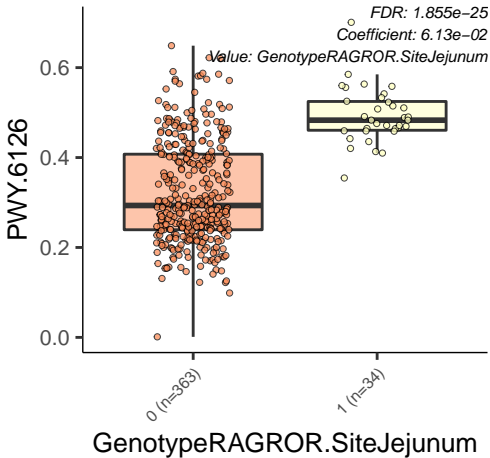


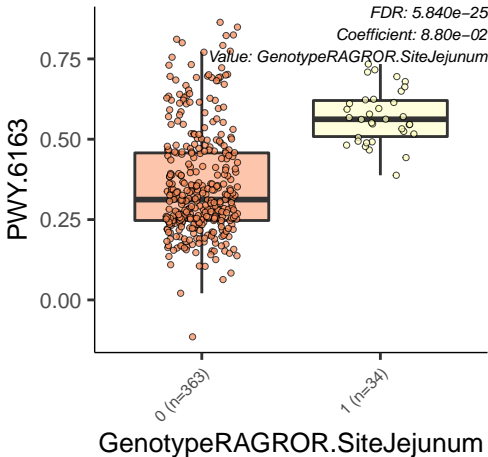
PWY.5659



GenotypeRAGROR.SiteJejunum







PWY4FS.7

FDR: 1.559e-24

Coefficient: 1.01e-01

Value: GenotypeRAGROR.SiteJejunum

0.75

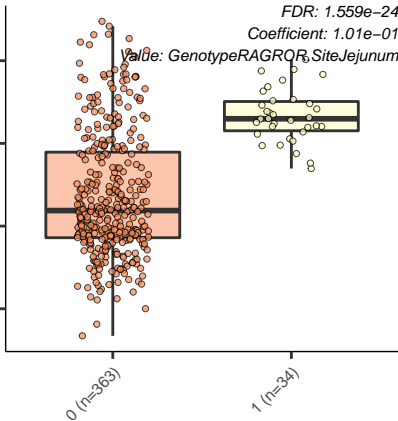
0.50

0.25

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



PWY4FS.8

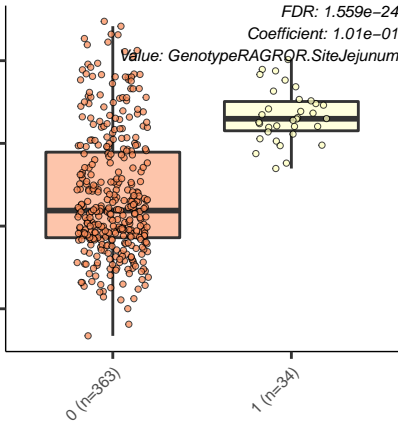
0.75
0.50
0.25
0.00

0 (n=363)

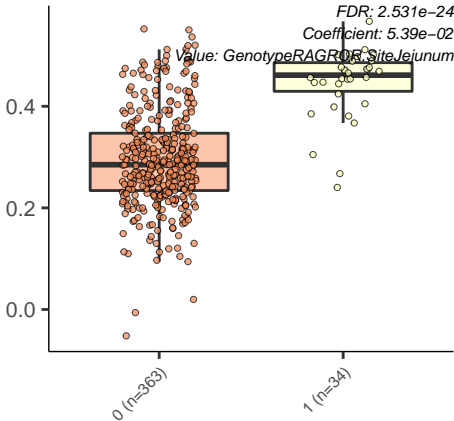
1 (n=34)

GenotypeRAGROR.SiteJejunum

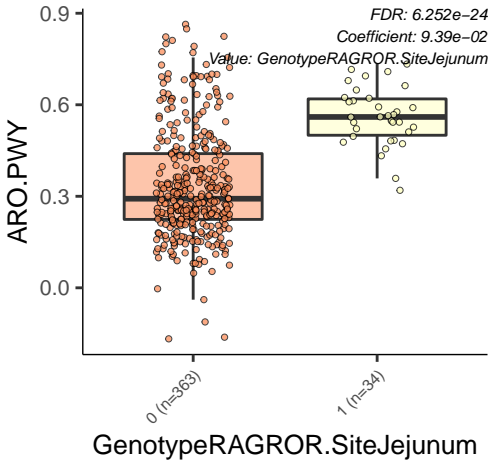
FDR: 1.559e-24
Coefficient: 1.01e-01
Value: GenotypeRAGROR.SiteJejunum



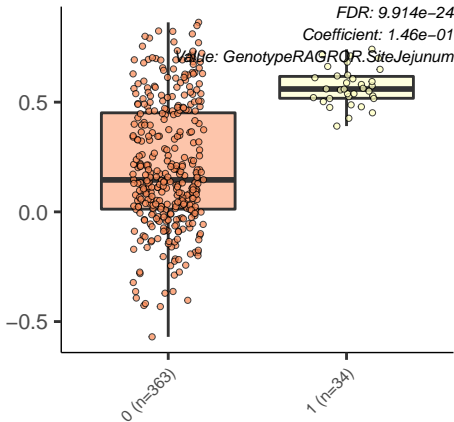
GLUCONEO.PWY



GenotypeRAGROR.SiteJejunum

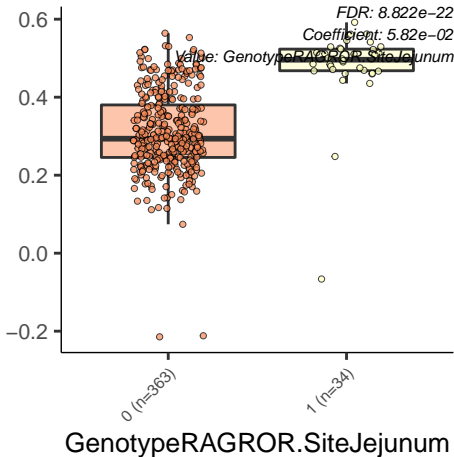


PWY0.1298



GenotypeRAGROR.SiteJejunum

GLYCOLYSIS



PWY0.1297

FDR: 3.102×10^{-21}

Coefficient: 1.52×10^{-1}

Value: GenotypeRAGROR.SiteJejunum

0.5

0.0

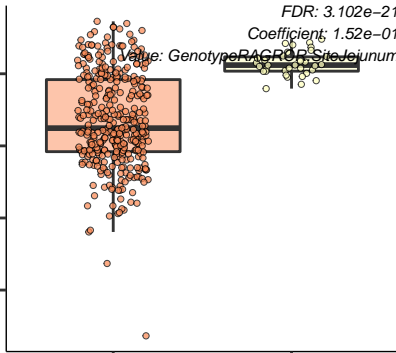
-0.5

-1.0

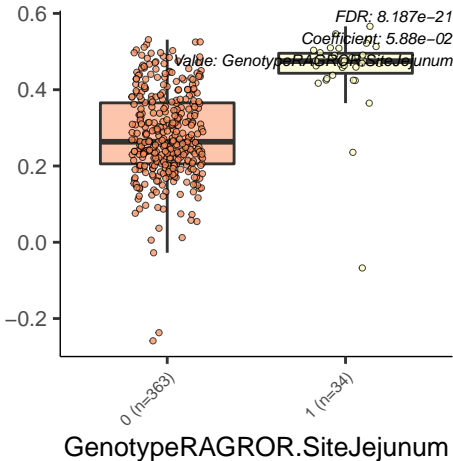
0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



PWY.5484



GLCMANNAUT.PWY

FDR: 5.906e-20

Coefficient: 1.29e-01

Value: GenotypeRAGROR.SiteJejunum

0.5

0.0

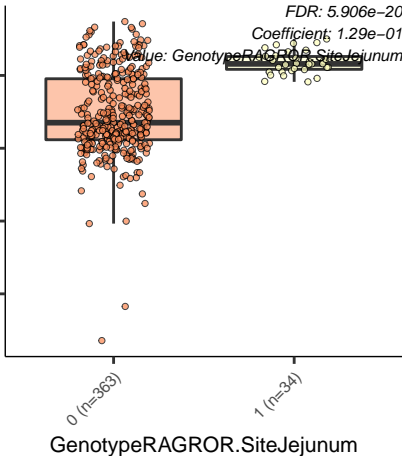
-0.5

-1.0

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum

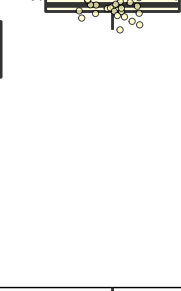
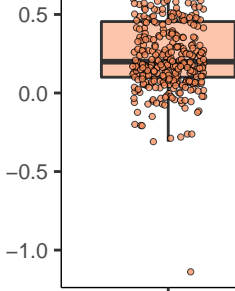


PWY0.1296

FDR: 9.723e-20

Coefficient: 1.16e-01

Value: GenotypeRAGROR.SiteJejunum



0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum

POLYISOPRENSYN.PWY

0.4
0.0
-0.4
-0.8

0 (n=363)

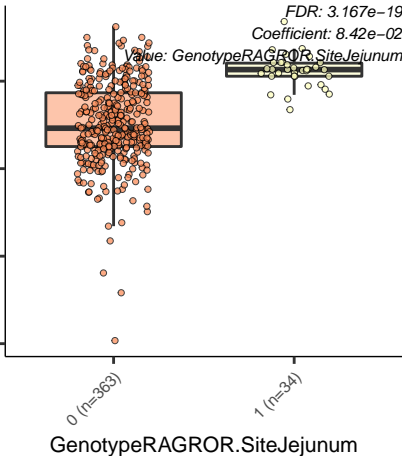
1 (n=34)

GenotypeRAGROR.SiteJejunum

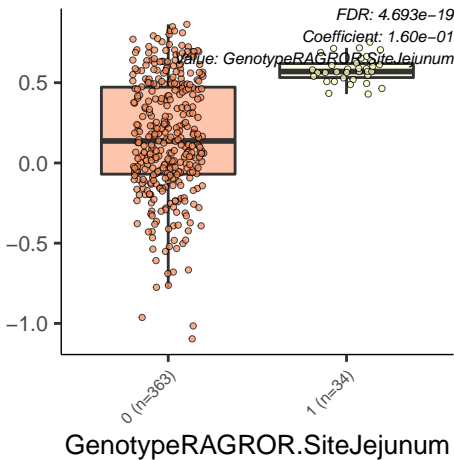
Value: GenotypeRAGROR.SiteJejunum

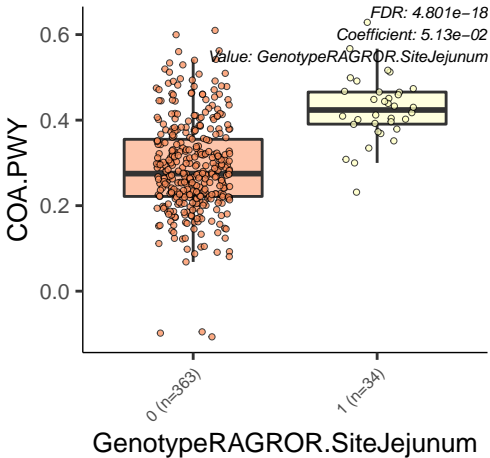
FDR: 3.167×10^{-19}

Coefficient: 8.42×10^{-2}



P161.PWY



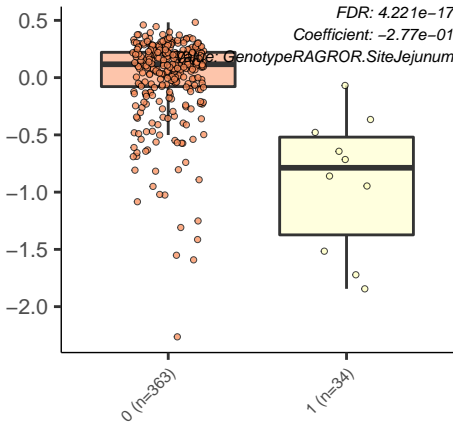


ARGSYNBSUB.PWY

FDR: $4.221e-17$

Coefficient: $-2.77e-01$

Value: GenotypeRAGROR.SiteJejunum



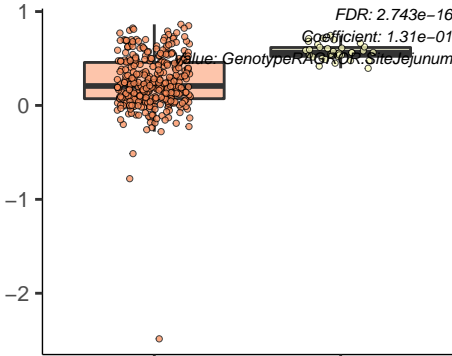
GenotypeRAGROR.SiteJejunum

UDPNAGSYN.PWY

FDR: 2.743×10^{-16}

Coefficient: 1.31×10^{-1}

p-value: GenotypeRAGROR.SiteJejunum

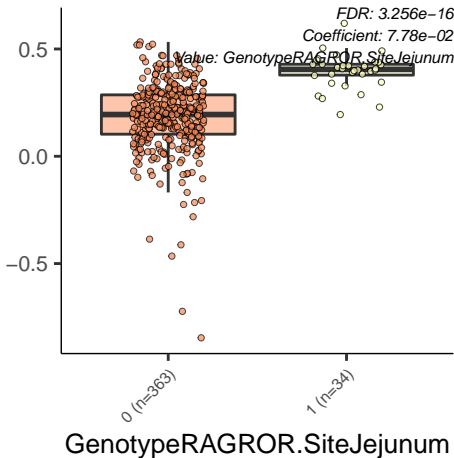


0 (n=363)

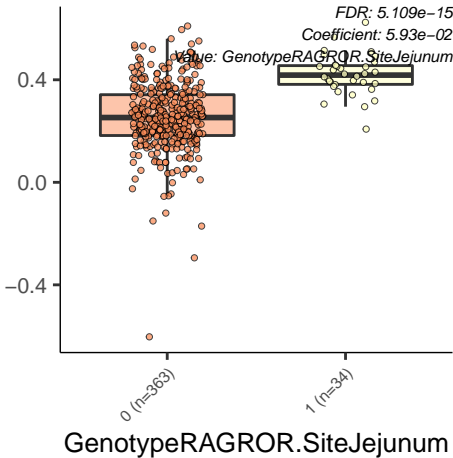
1 (n=34)

GenotypeRAGROR.SiteJejunum

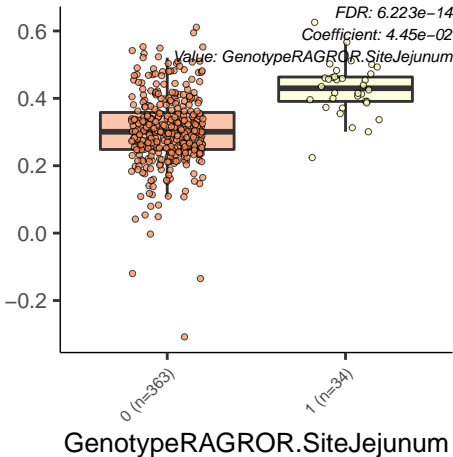
OANTIGEN.PWY



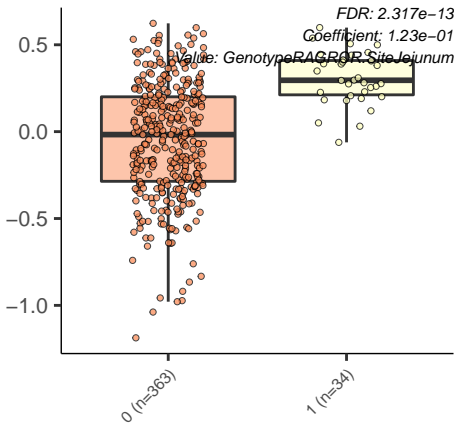
PWY.6151



THRESYN.PWY



PWY.7187



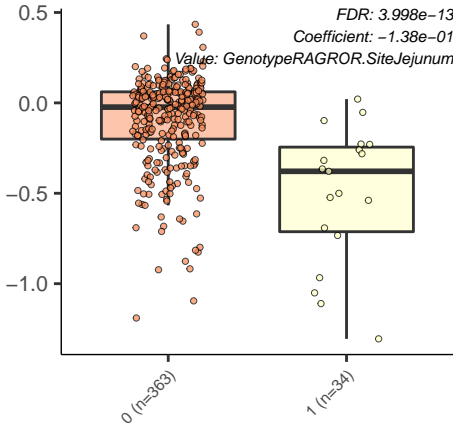
GenotypeRAGROR.SiteJejunum

PWY.5154

FDR: 3.998e-13

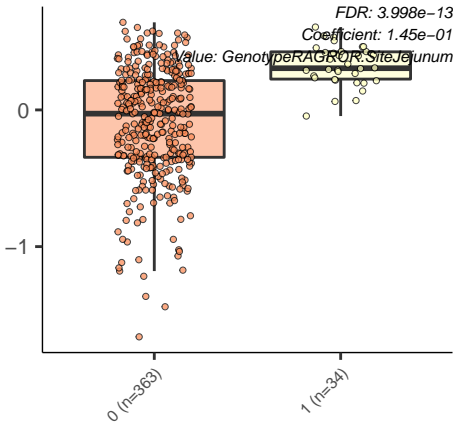
Coefficient: -1.38e-01

Value: GenotypeRAGROR.SiteJejunum



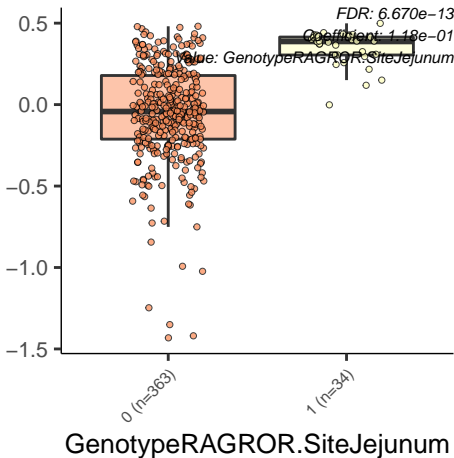
GenotypeRAGROR.SiteJejunum

PWY0.166

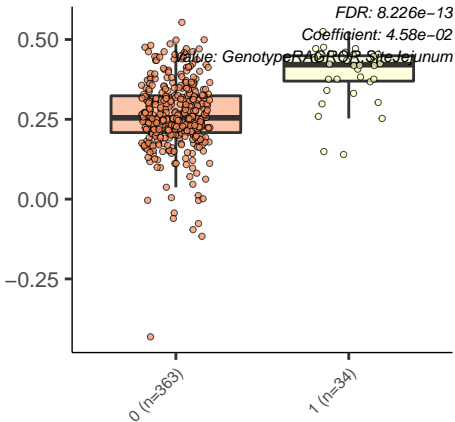


GenotypeRAGROR.SiteJejunum

COLANSYN.PWY

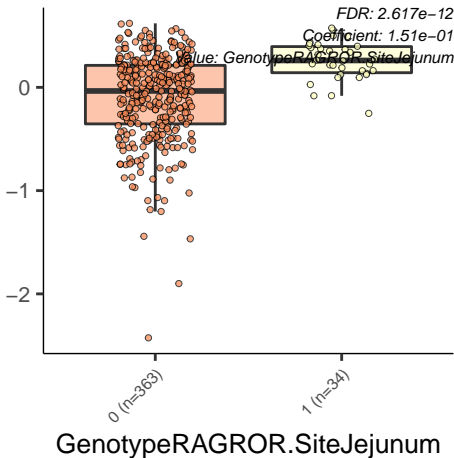


X1CMET2.PWY

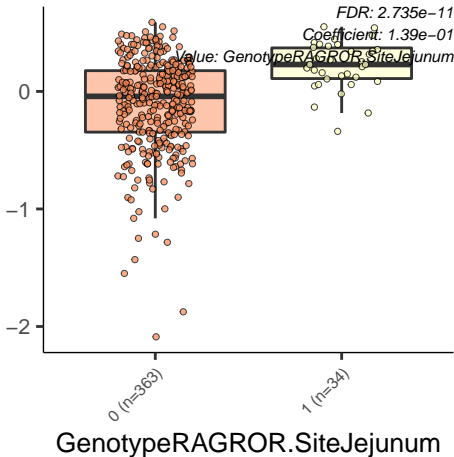


GenotypeRAGROR.SiteJejunum

PWY.6125



PWY.7196

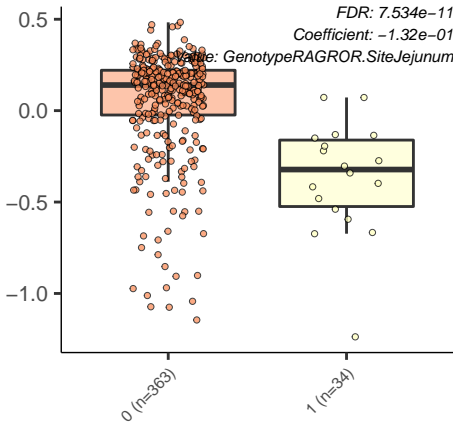


ARGSYN.PWY

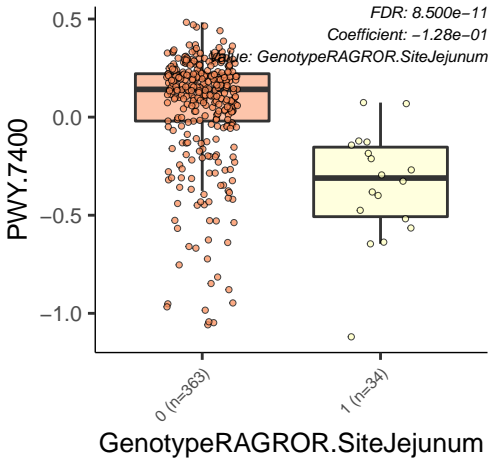
FDR: 7.534e-11

Coefficient: -1.32e-01

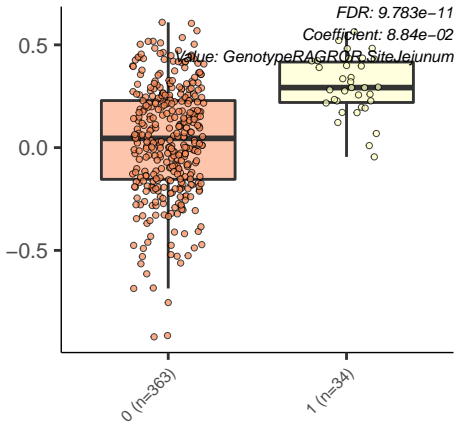
Value: GenotypeRAGROR.SiteJejunum



GenotypeRAGROR.SiteJejunum

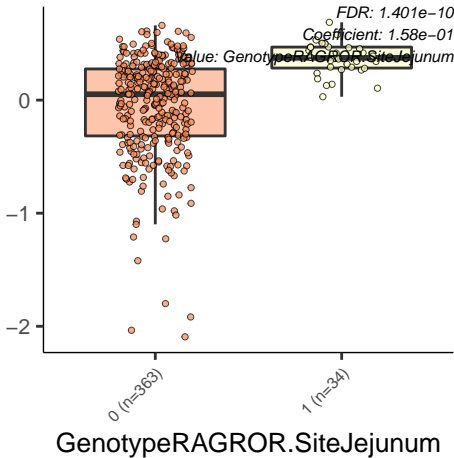


PWY.841

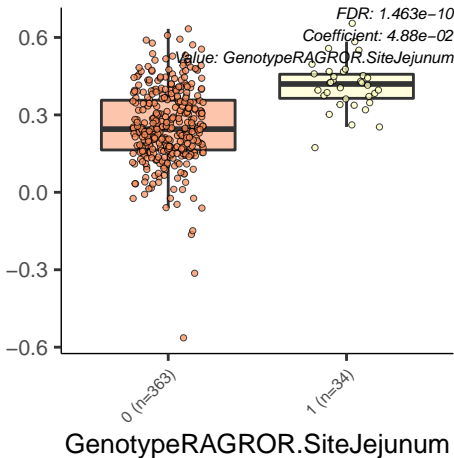


GenotypeRAGROR.SiteJejunum

PWY.7392



PWY.7220

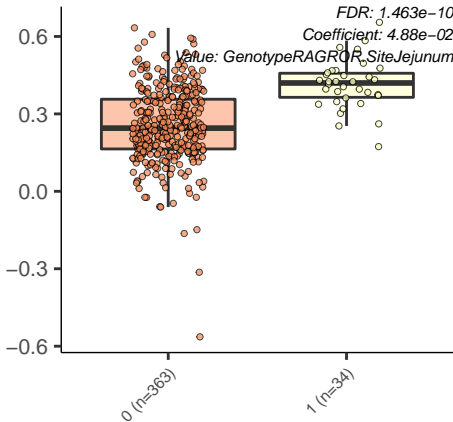


PWY.7222

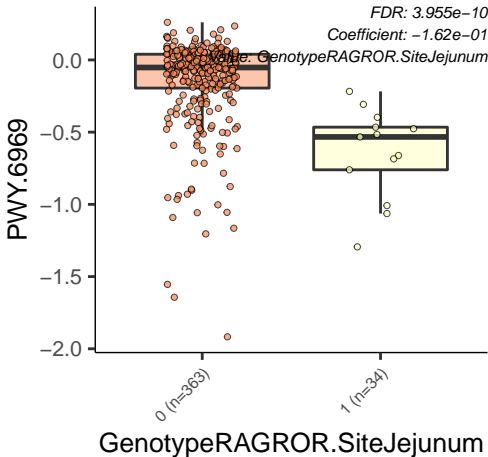
FDR: 1.463e-10

Coefficient: 4.88e-02

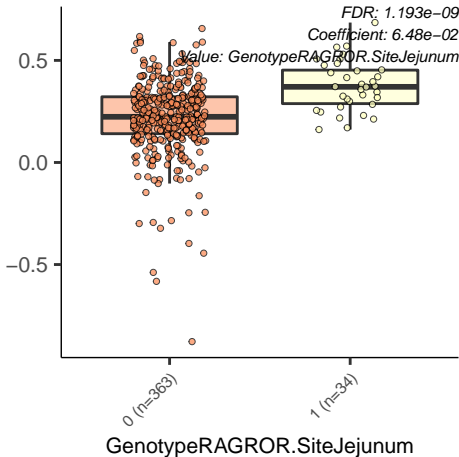
Value: GenotypeRAGROR.SiteJejunum



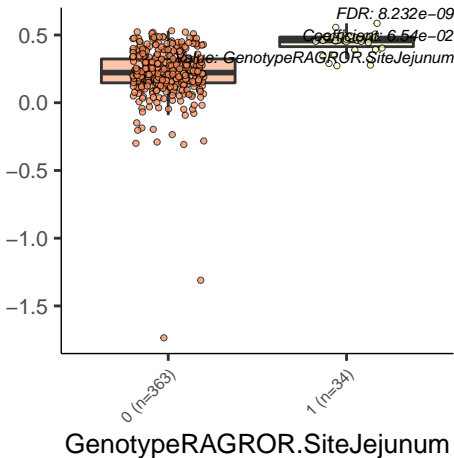
GenotypeRAGROR.SiteJejunum



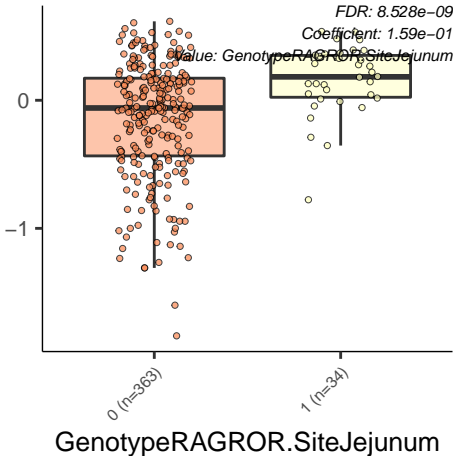
DAPLYSINESYN.PWY

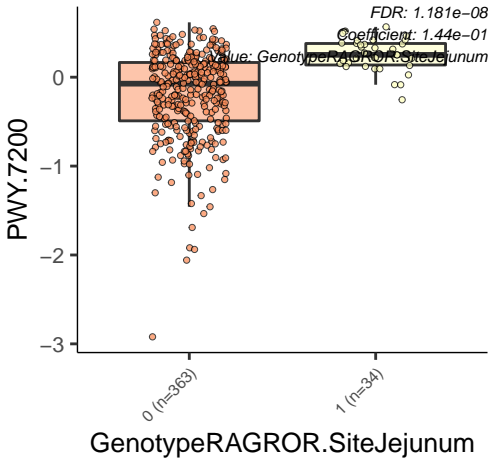


PWY.5695

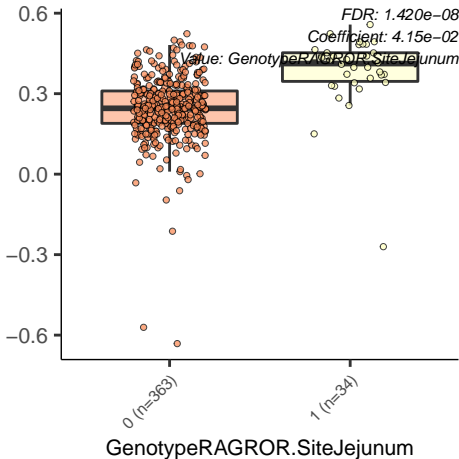


PWY.7184

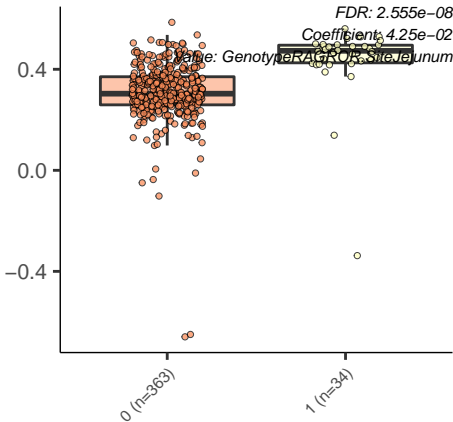




ANAEROFRUCAT.PWY

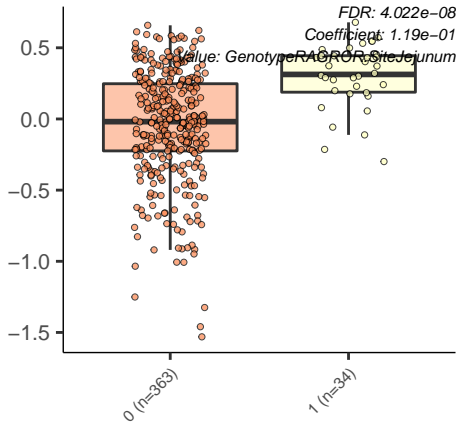


CALVIN.PWY



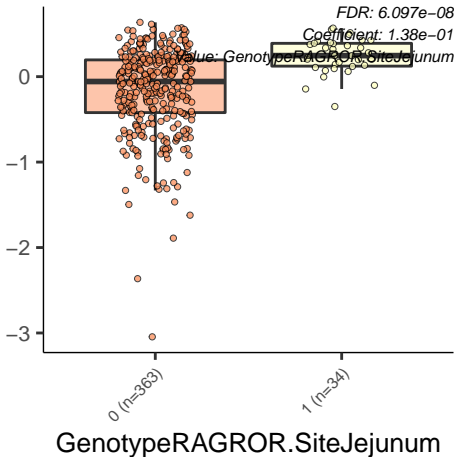
GenotypeRAGROR.SiteJejunum

P124.PWY

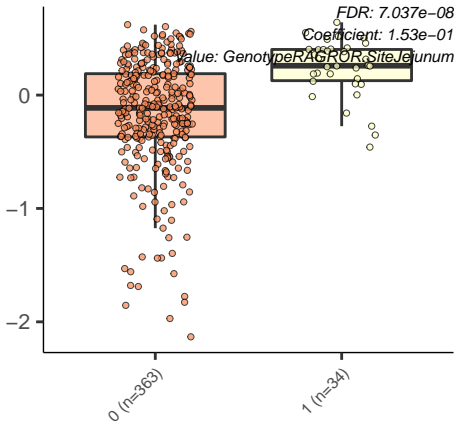


GenotypeRAGROR.SiteJejunum

PWY.7228



P122.PWY



GenotypeRAGROR.SiteJejunum

DENOVOPURINE2.PWY

0

-1

-2

-3

0 (n=363)

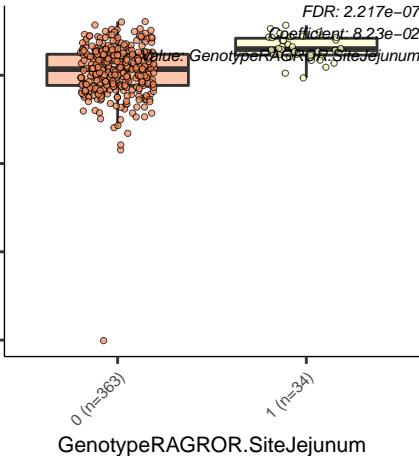
1 (n=34)

GenotypeRAGROR.SiteJejunum

FDR: 2.217e-07

Coefficient: 8.23e-02

Value: GenotypeRAGROR.SiteJejunum

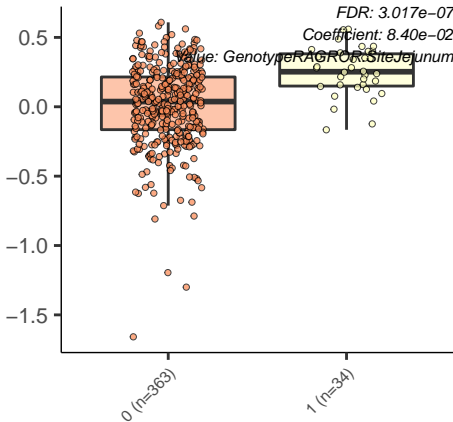


PWY0.162

FDR: 3.017e-07

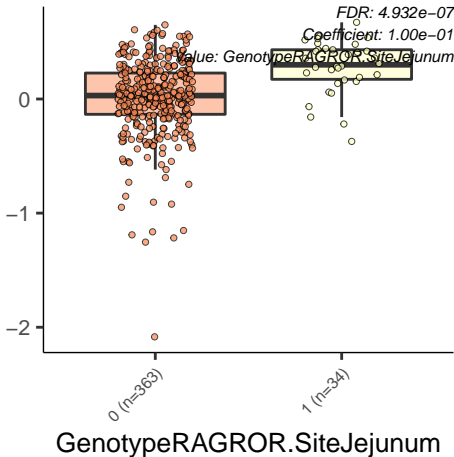
Coefficient: 8.40e-02

Value: GenotypeRAGROR.SiteJejunum

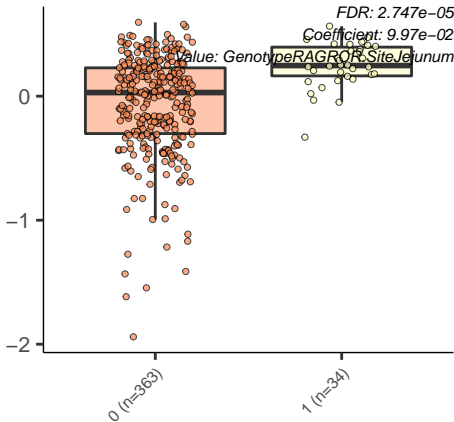


GenotypeRAGROR.SiteJejunum

PWY.6471

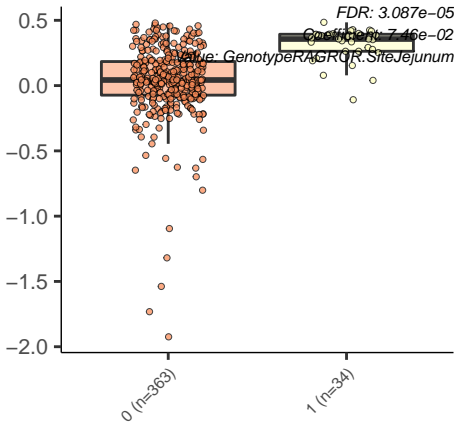


PWY.7234



GenotypeRAGROR.SiteJejunum

PWY.7323



GenotypeRAGROR.SiteJejunum

PWY.5505

FDR: 7.055e-05

Coefficient: -2.04e-01

Value: GenotypeRAGROR.SiteJejunum

0

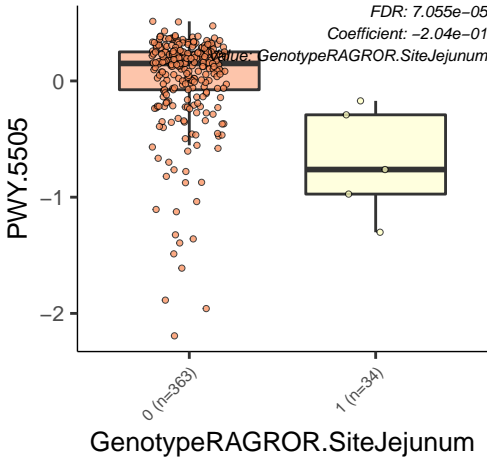
-1

-2

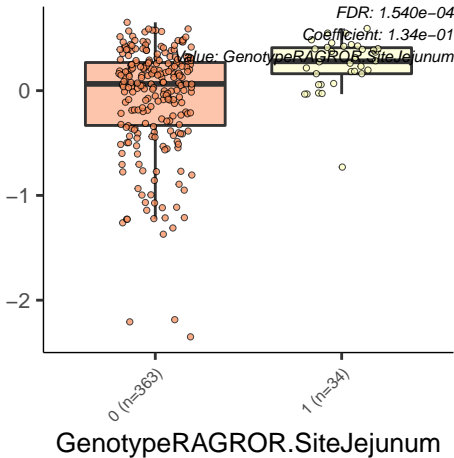
0 (n=363)

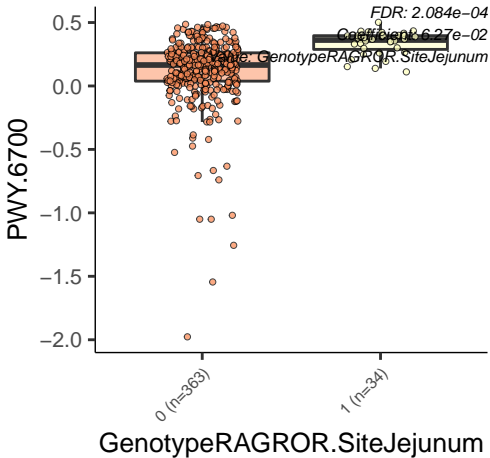
1 (n=34)

GenotypeRAGROR.SiteJejunum

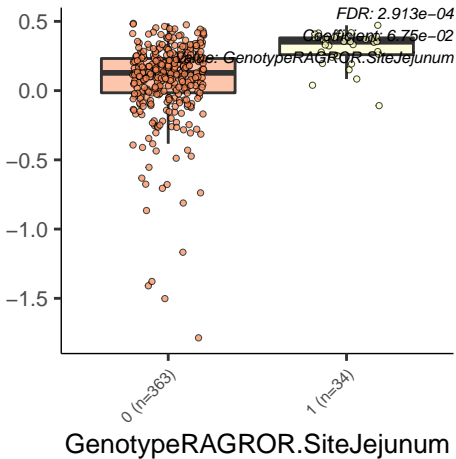


PWY.2941

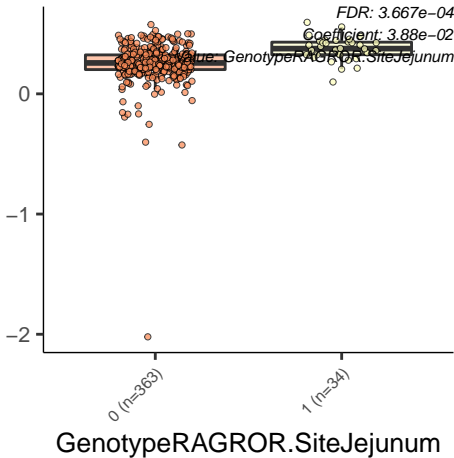




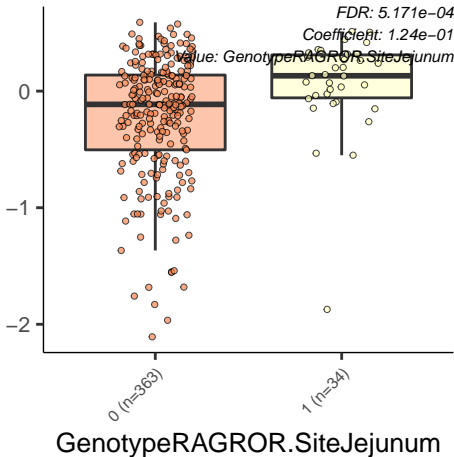
PWY.6892



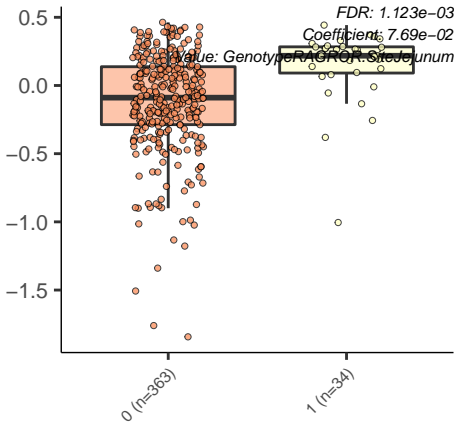
ASPASN.PWY



PWY.7197

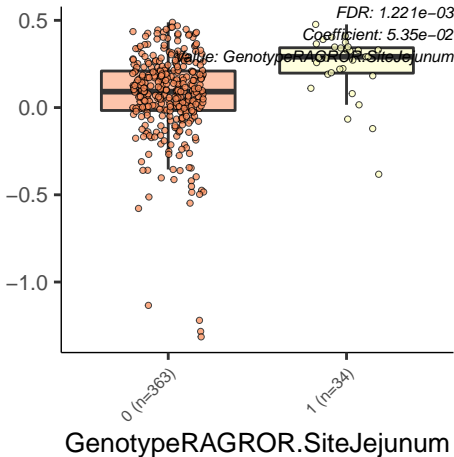


PWY.6467

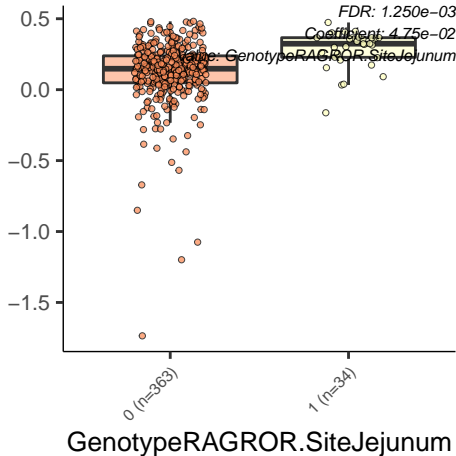


GenotypeRAGROR.SiteJejunum

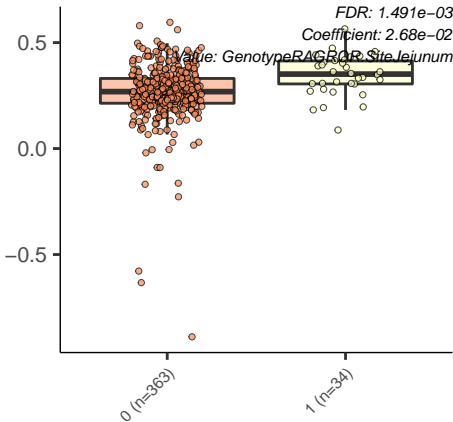
THISYN.PWY



PYRIDNUCSYN.PWY

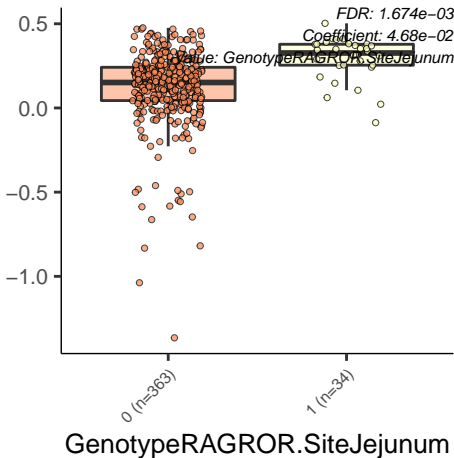


PWY.6123

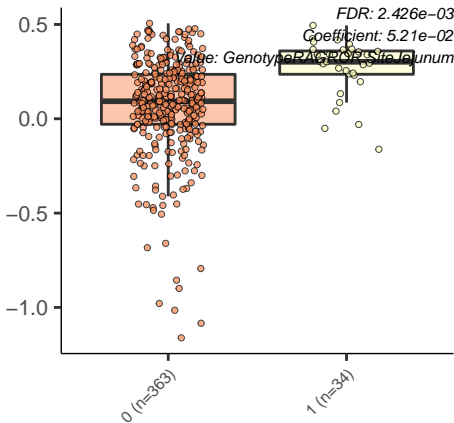


GenotypeRAGROR.SiteJejunum

PANTOSYN.PWY

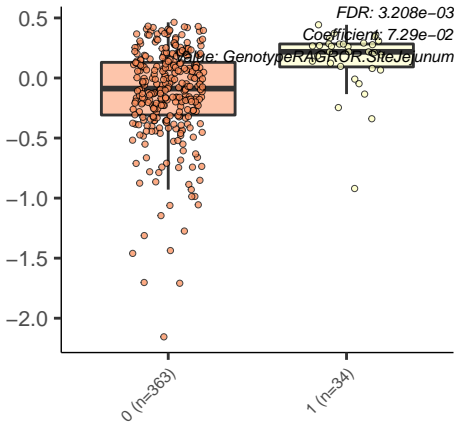


P108.PWY



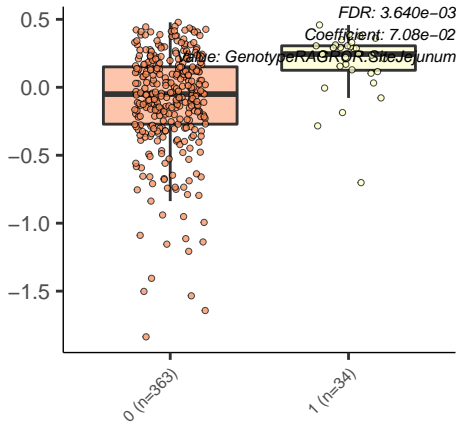
GenotypeRAGROR.SiteJejunum

PWY.1269

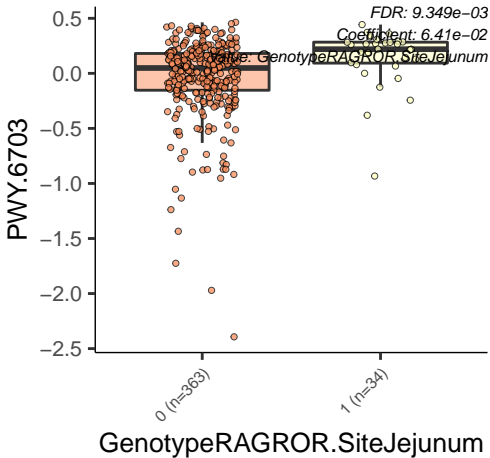


GenotypeRAGROR.SiteJejunum

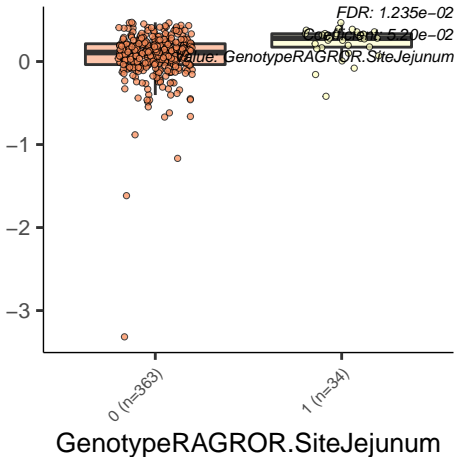
NAGLIPASYN.PWY



GenotypeRAGROR.SiteJejunum



PANTO.PWY



P441.PWY

FDR: 1.420e-02

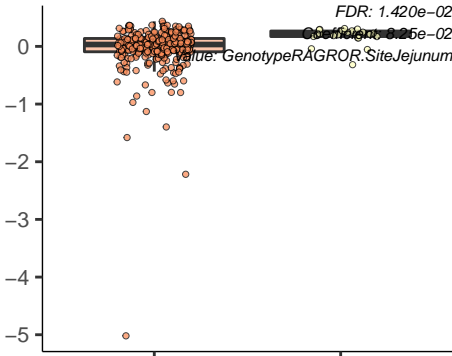
Coefficient: 8.25e-02

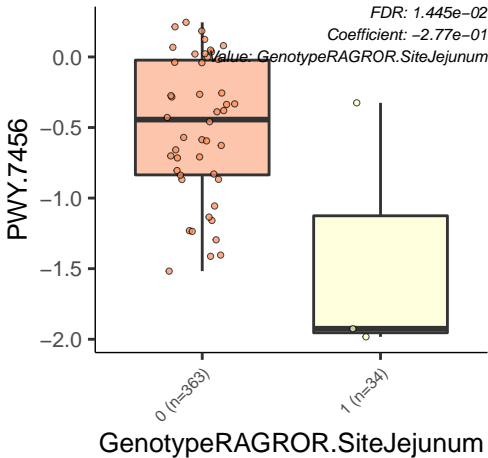
Value: GenotypeRAGROR.SiteJejunum

GenotypeRAGROR.SiteJejunum

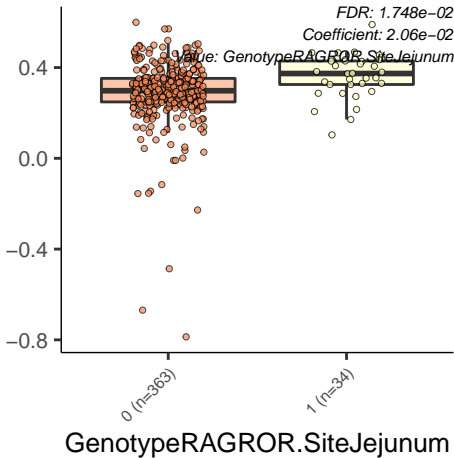
0 (n=363)

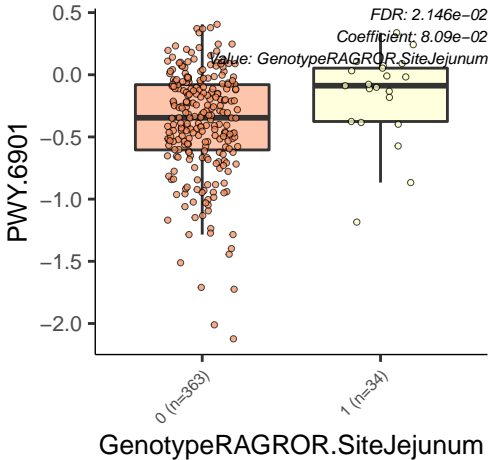
1 (n=34)



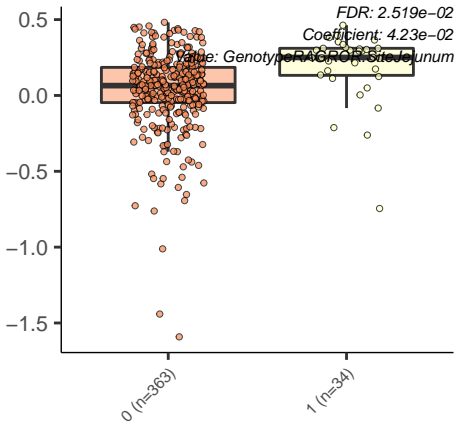


PWY.6121



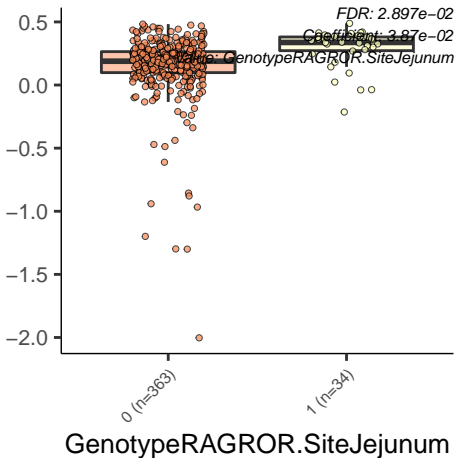


PWY.6147

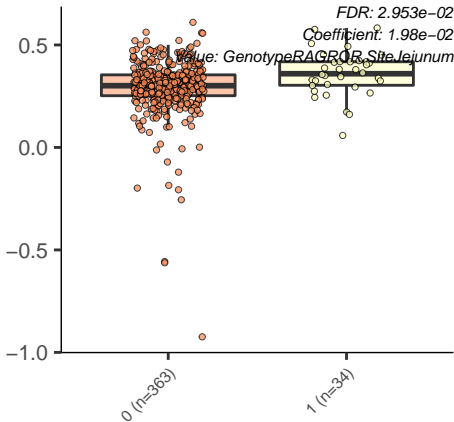


GenotypeRAGROR.SiteJejunum

RIBOSYN2.PWY

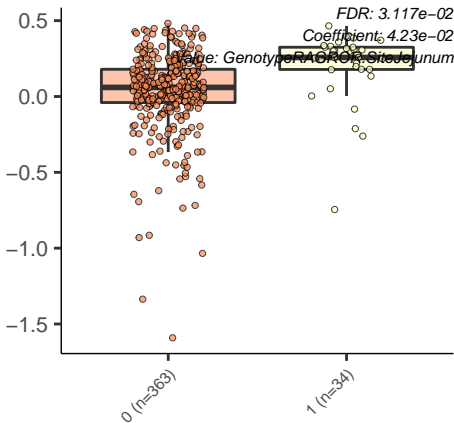


PWY.5686



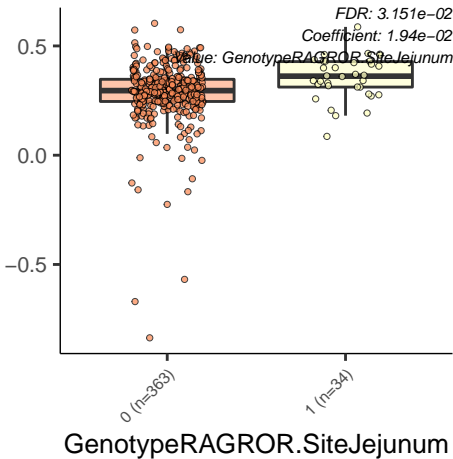
GenotypeRAGROR.SiteJejunum

PWY.7539

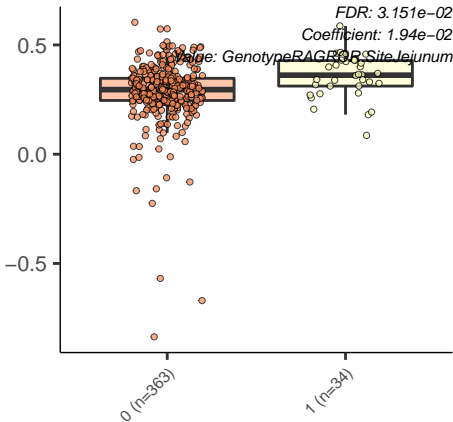


GenotypeRAGROR.SiteJejunum

PWY.6122

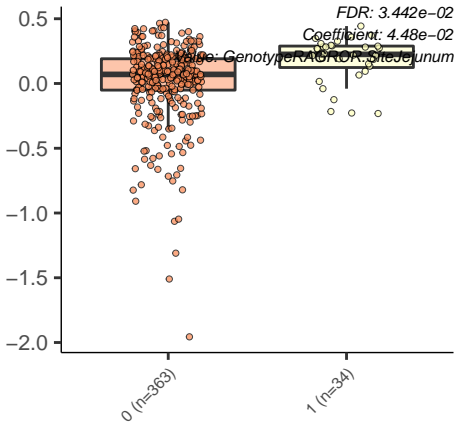


PWY.6277



GenotypeRAGROR.SiteJejunum

PWY.6507



GenotypeRAGROR.SiteJejunum

PYRIDNUCSAL.PWY

FDR: 3.606e-02

Coefficient: -1.01e-01

Value: GenotypeRAGROR.SiteJejunum

0

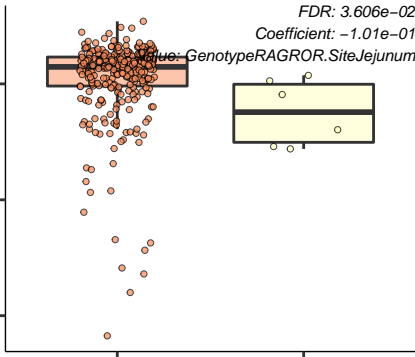
-1

-2

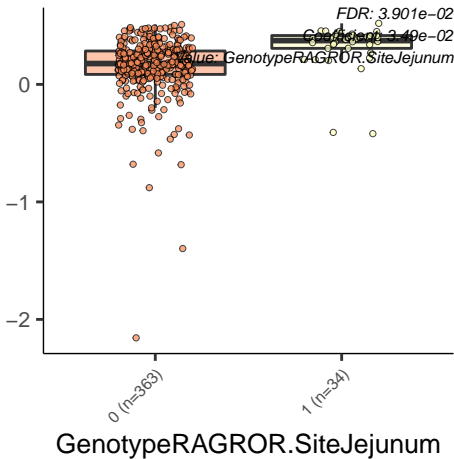
0 (n=363)

1 (n=34)

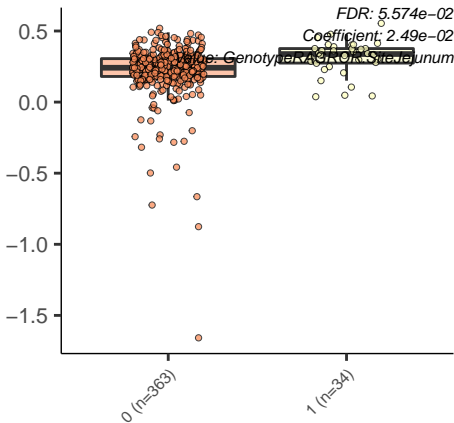
GenotypeRAGROR.SiteJejunum



P42.PWY

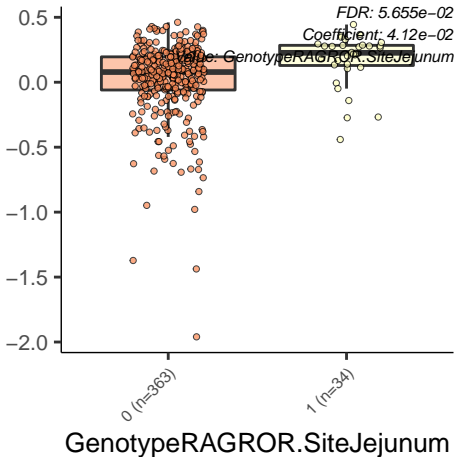


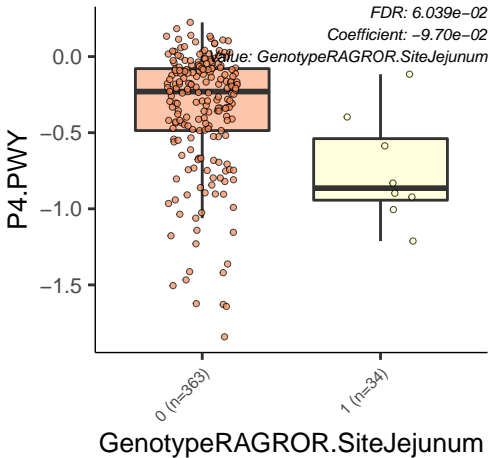
DTDPRHAMSYN.PWY



GenotypeRAGROR.SiteJejunum

GLUCUROCAT.PWY



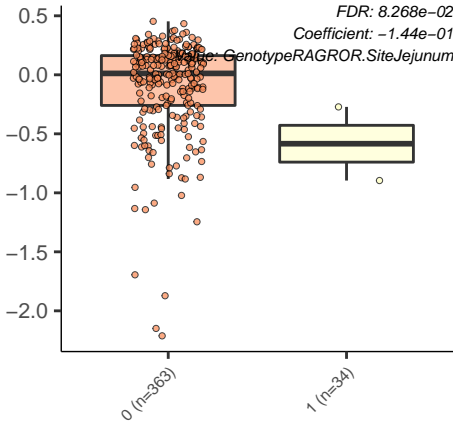


COBALSYN.PWY

FDR: 8.268e-02

Coefficient: -1.44e-01

Value: GenotypeRAGROR.SiteJejunum



GenotypeRAGROR.SiteJejunum

PWY.6269

FDR: 8.540e-02

Coefficient: -1.45e-01

Value: GenotypeRAGROR.SiteJejunum

0

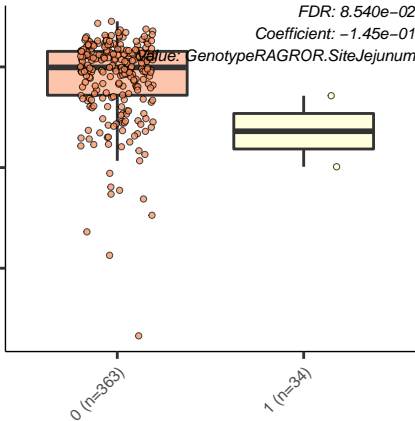
-1

-2

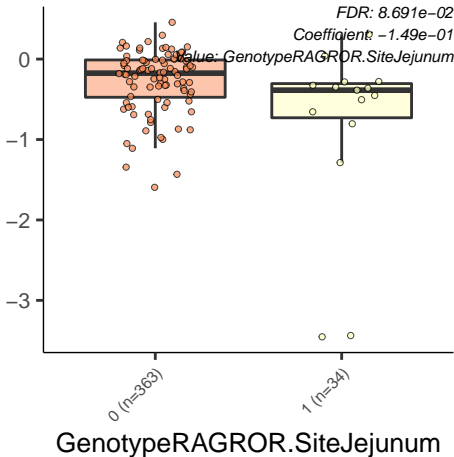
0 (n=363)

1 (n=34)

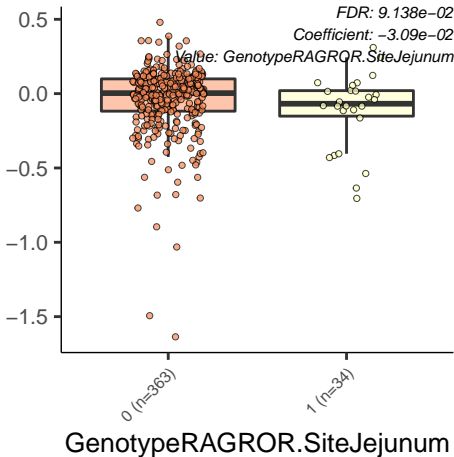
GenotypeRAGROR.SiteJejunum



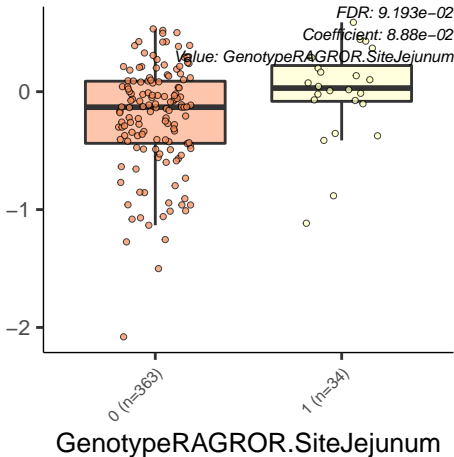
PWY.4984



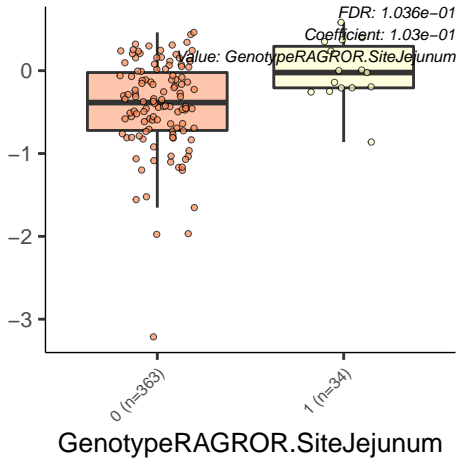
PENTOSE.P.PWY



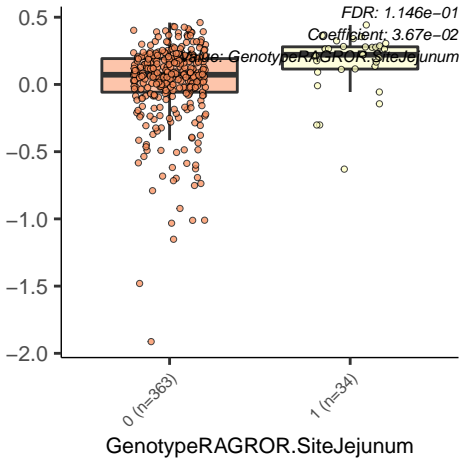
PWY.5910



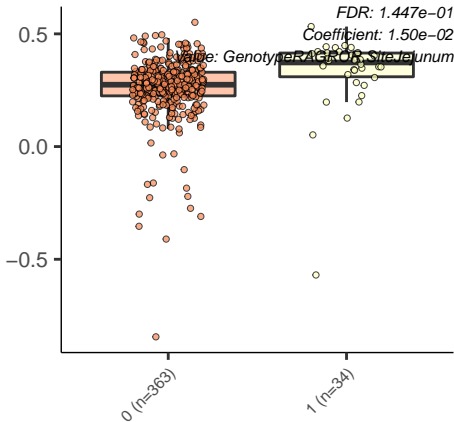
PWY.5913



GALACT.GLUCUROCAT.PWY

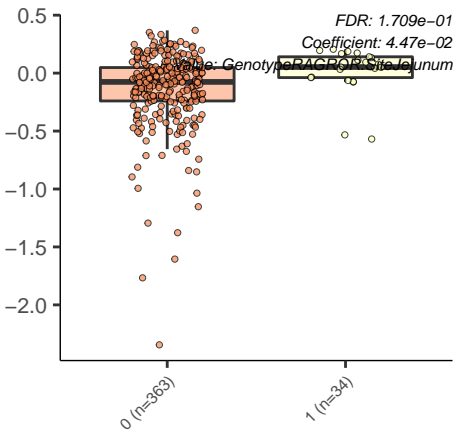


PWY.3001



GenotypeRAGROR.SiteJejunum

GLYCOLYSIS.E.D



GenotypeRAGROR.SiteJejunum

PWY.5509

FDR: 1.711e-01

Coefficient: -1.43e-01

Value: GenotypeRAGROR.SiteJejunum

0

-1

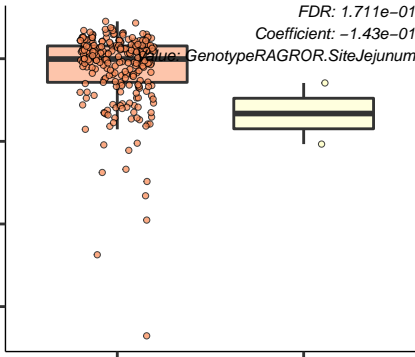
-2

-3

0 (n=363)

1 (n=34)

GenotypeRAGROR.SiteJejunum



FERMENTATION.PWY

