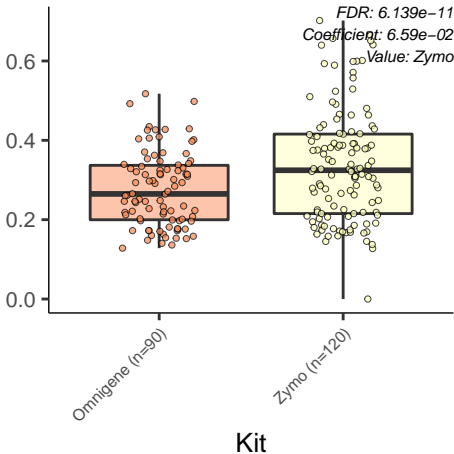
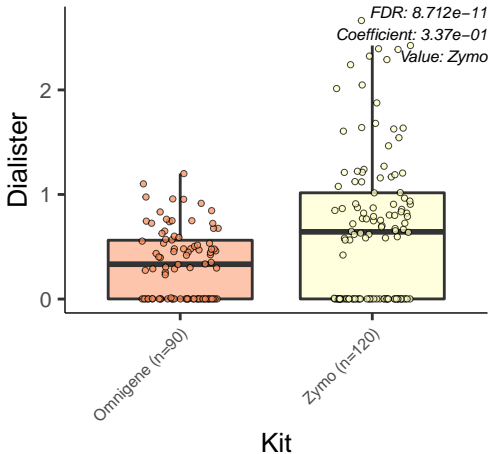


Flavonifactor





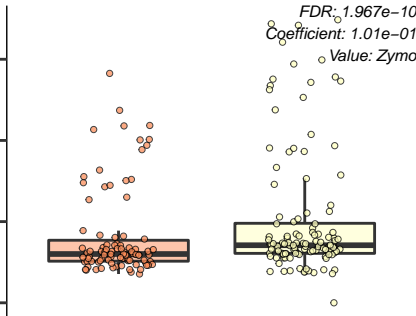
Lachnoclostridium

FDR: 1.967e-10
Coefficient: 1.01e-01
Value: Zymo

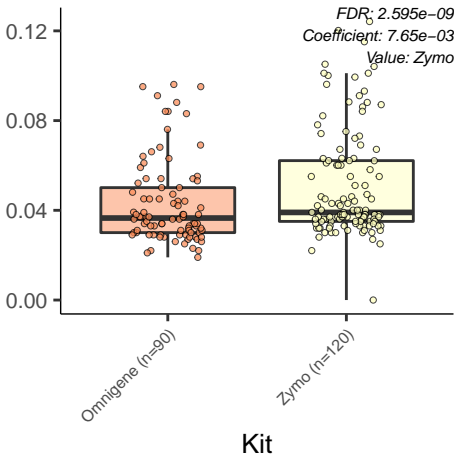
Omnigene (n=90)

Zymo (n=120)

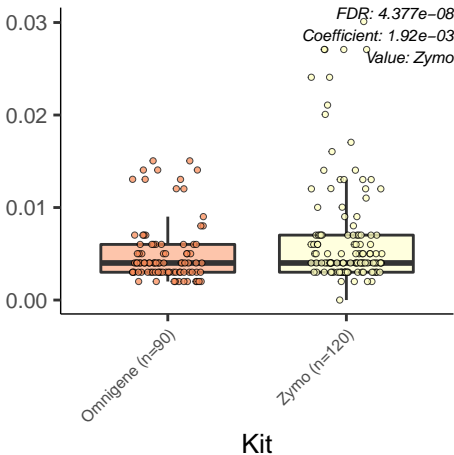
Kit



Hungatella



Selenomonas



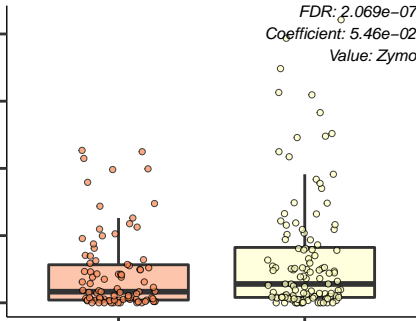
crAss.like.viruses

FDR: $2.069\text{e-}07$
Coefficient: $5.46\text{e-}02$
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



Massilioclostridium

FDR: 2.069e-07
Coefficient: 5.61e-04
Value: Zymo

0.006

0.004

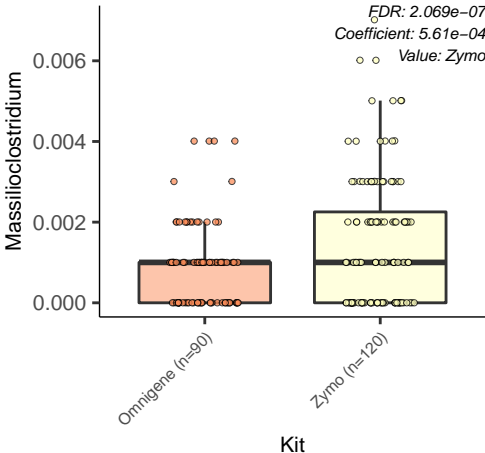
0.002

0.000

Omnigene (n=90)

Zymo (n=120)

Kit



Pseudoflavonifractor

FDR: $4.006e-07$
Coefficient: $8.97e-03$
Value: Zymo

0.10

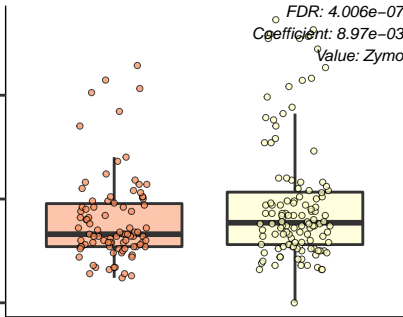
0.05

0.00

Omnigene (n=90)

Zymo (n=120)

Kit



Peptoanaerobacter

FDR: $4.301e-07$
Coefficient: $5.65e-04$
Value: Zymo

0.006

0.004

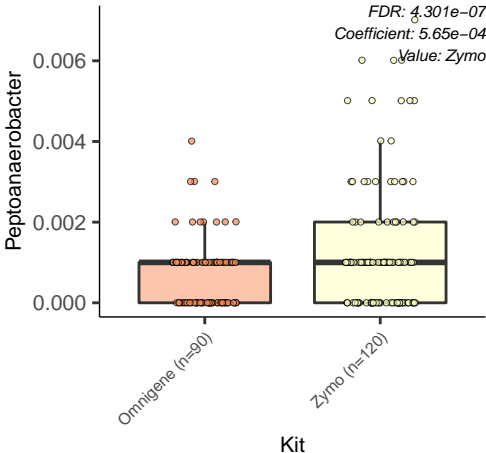
0.002

0.000

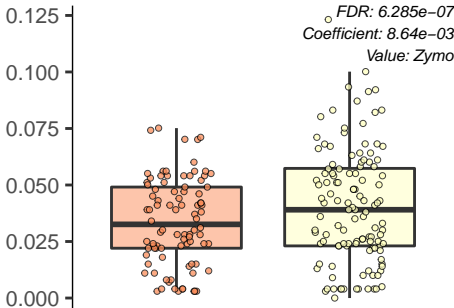
Omnigene (n=90)

Zymo (n=120)

Kit



Holdemania



Omnigene (n=90)

Zymo (n=120)

Kit

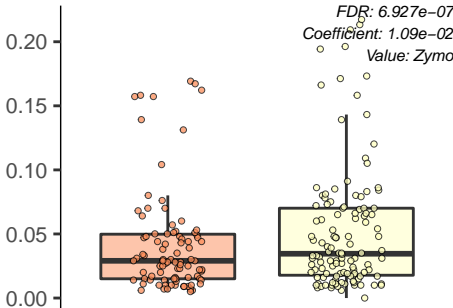
Carnobacterium

FDR: 6.927e-07
Coefficient: 1.09e-02
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



Enterorhabdus

0.075

0.050

0.025

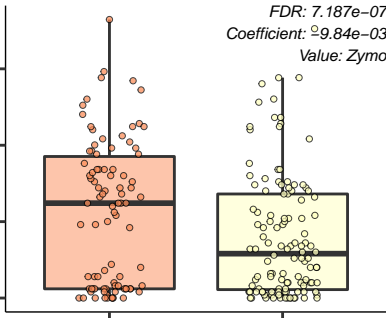
0.000

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 7.187×10^{-7}
Coefficient: -9.84×10^{-3}
Value: Zymo



Bittarella

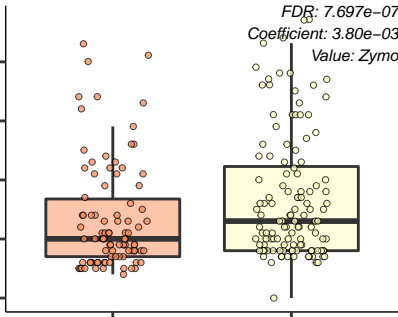
0.04
0.03
0.02
0.01
0.00

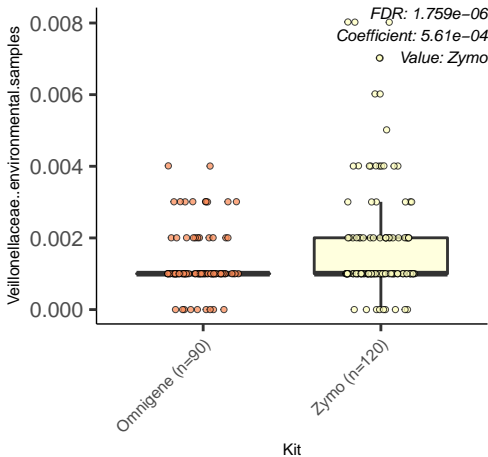
Omnigene (n=90)

Zymo (n=120)

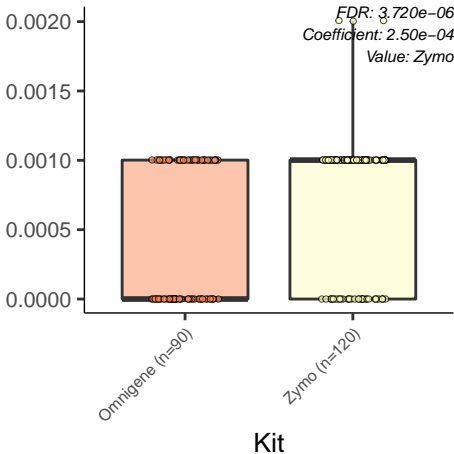
Kit

FDR: 7.697×10^{-7}
Coefficient: 3.80×10^{-3}
Value: Zymo

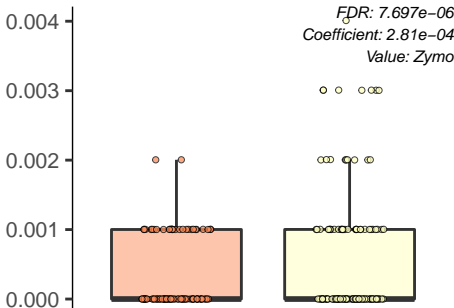




Brevibacillus



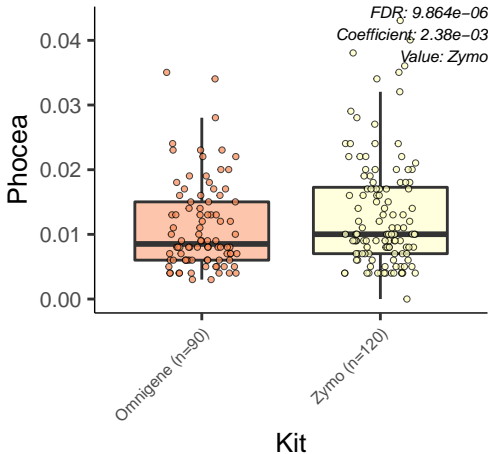
Anaeroglobus



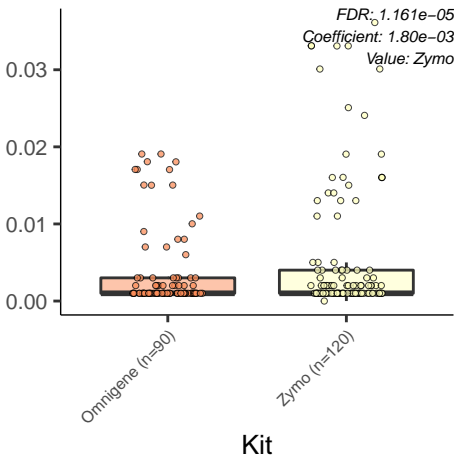
Omrigene (n=90)

Zymo (n=120)

Kit



Acidaminococcus



Anaeromassilibacillus

FDR: 1.559e-05
Coefficient: 4.74e-03
Value: Zymo

0.075

0.050

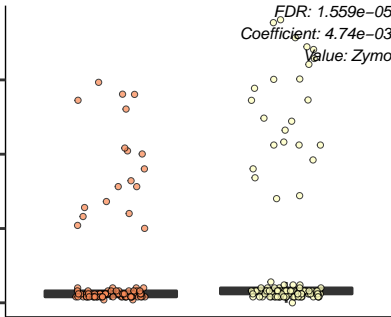
0.025

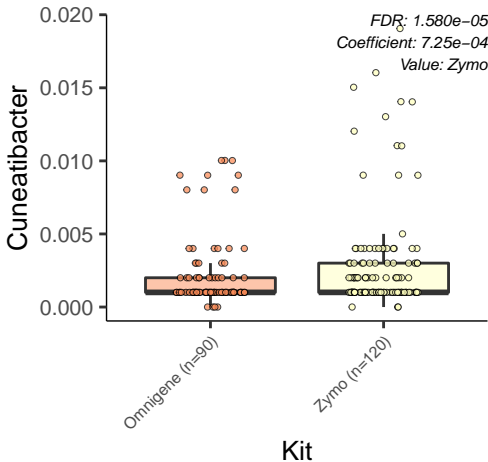
0.000

Omnigene (n=90)

Zymo (n=120)

Kit





Harryflintia

FDR: $3.355e-05$
Coefficient: $1.20e-03$
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit

0.020

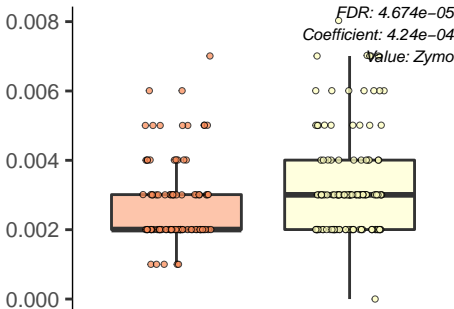
0.015

0.010

0.005

0.000

Schaedlerella

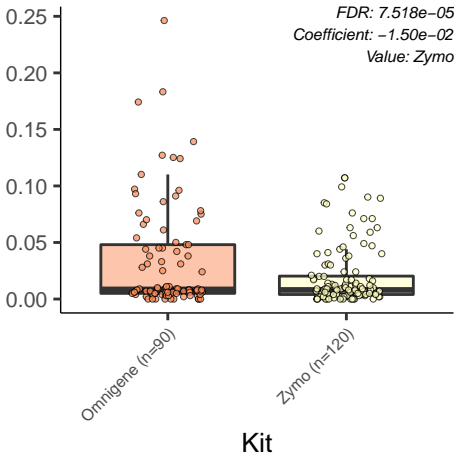


Omrigene (n=90)

Zymo (n=120)

Kit

Haemophilus



unclassified.Selenomonadaceae

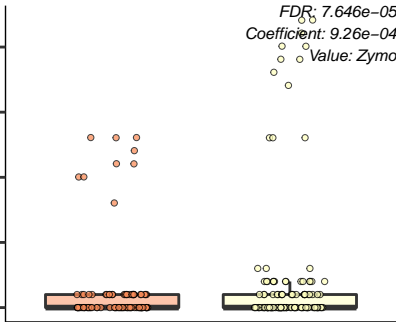
FDR: $7.646e-05$
Coefficient: $9.26e-04$
Value: Zymo

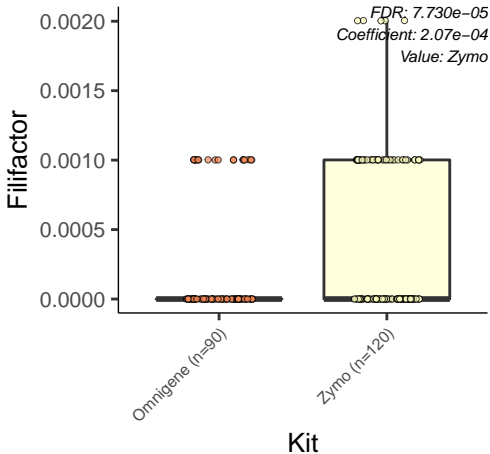
0.020
0.015
0.010
0.005
0.000

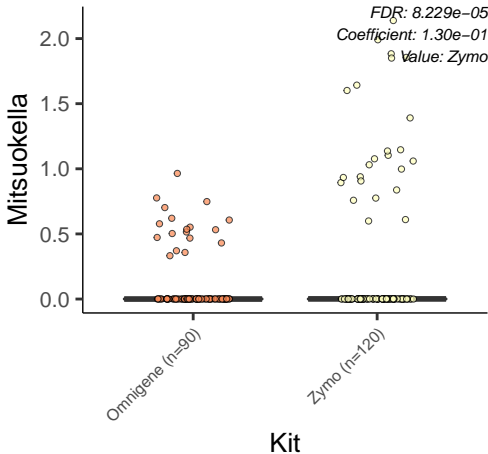
Omnigene (n=90)

Zymo (n=120)

Kit







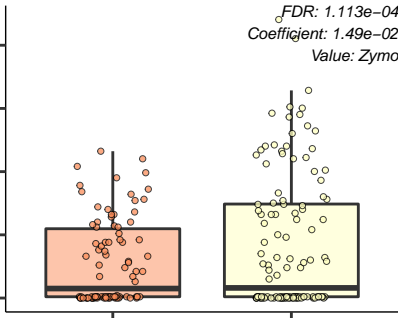
Monoglobus

$FDR: 1.113e-04$
 $Coefficient: 1.49e-02$
Value: Zymo

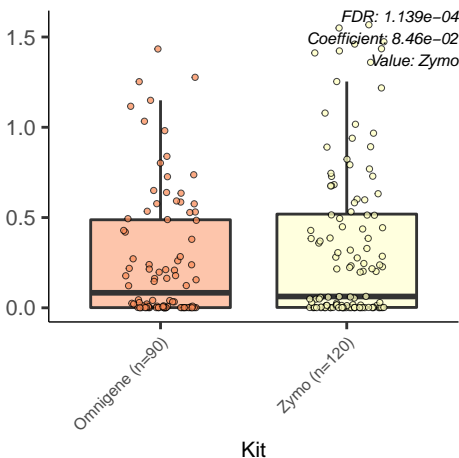
Omnigene (n=90)

Zymo (n=120)

Kit



Phascolarctobacterium



Eisenbergiella

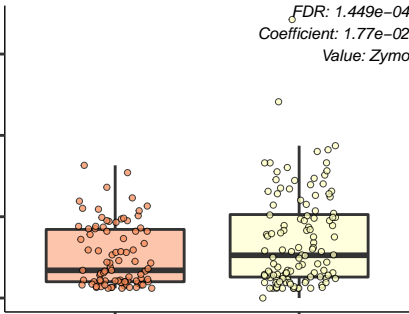
FDR: $1.449\text{e-}04$
Coefficient: $1.77\text{e-}02$
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit

0.3
0.2
0.1
0.0



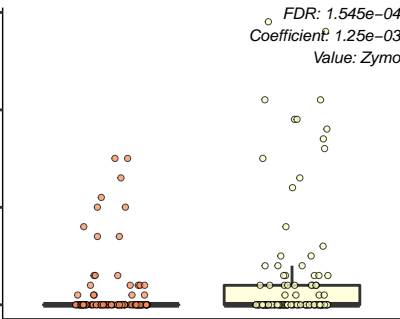
Guerin_crAss_Beta

FDR: 1.545e-04
Coefficient: 1.25e-03
Value: Zymo

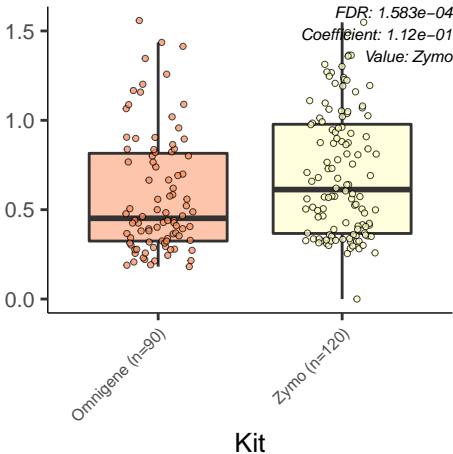
Omnigene (n=90)

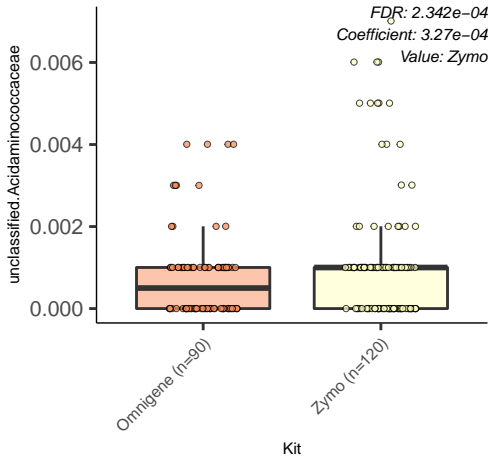
Zymo (n=120)

Kit



Suboligranulum





Streptococcus

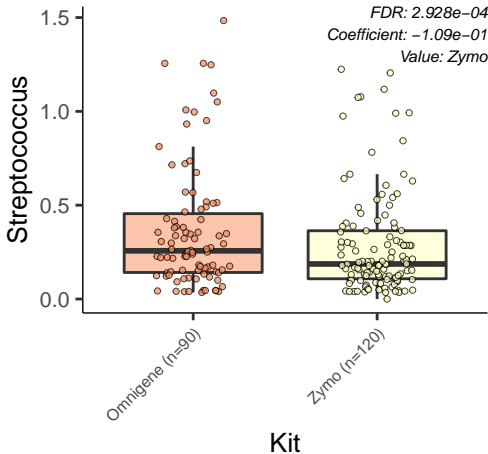
1.5
1.0
0.5
0.0

Omnigene (n=90)

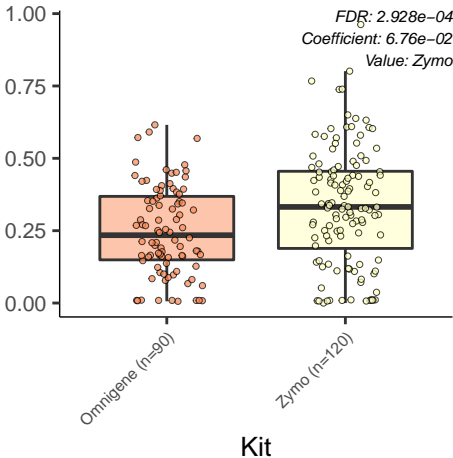
Zymo (n=120)

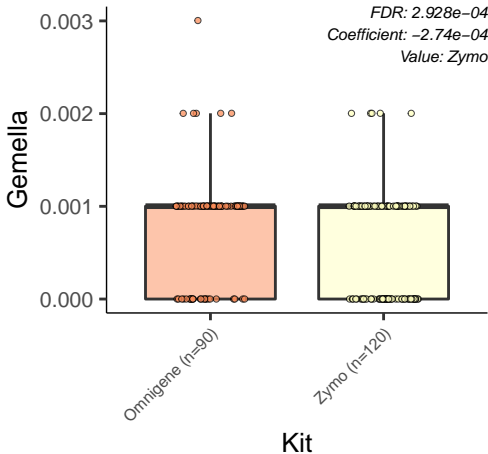
Kit

FDR: 2.928e-04
Coefficient: -1.09e-01
Value: Zymo



Lachnospira





Dysosmobacter

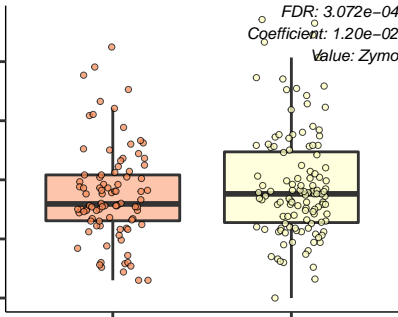
0.20
0.15
0.10
0.05
0.00

Omnigene (n=90)

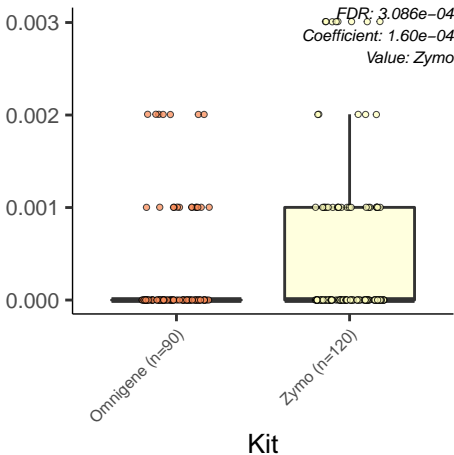
Zymo (n=120)

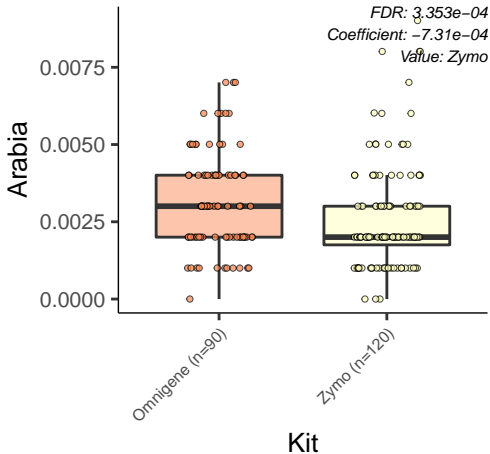
Kit

FDR: 3.072×10^{-4}
Coefficient: 1.20×10^{-2}
Value: Zymo

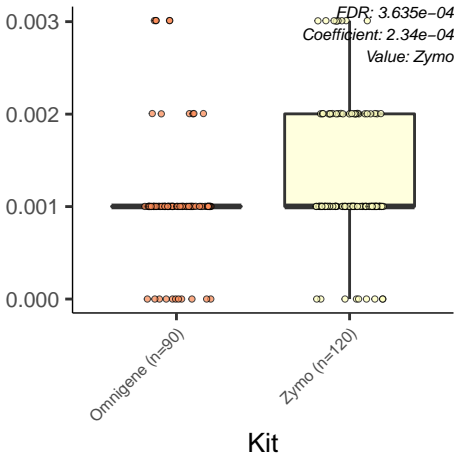


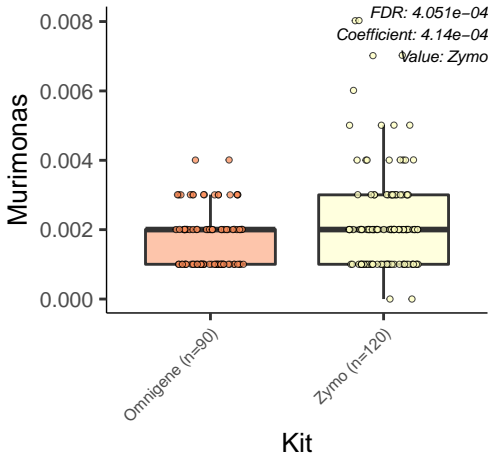
Caecibacter





Bradyrhizobium





Denitrobacterium

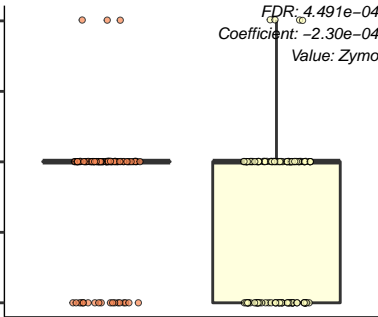
0.0020
0.0015
0.0010
0.0005
0.0000

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: $4.491e-04$
Coefficient: $-2.30e-04$
Value: Zymo



Oscillibacter

Omnigene (n=90)

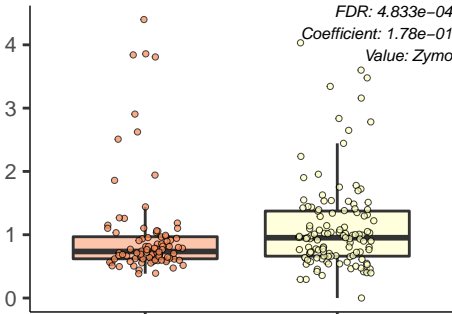
Zymo (n=120)

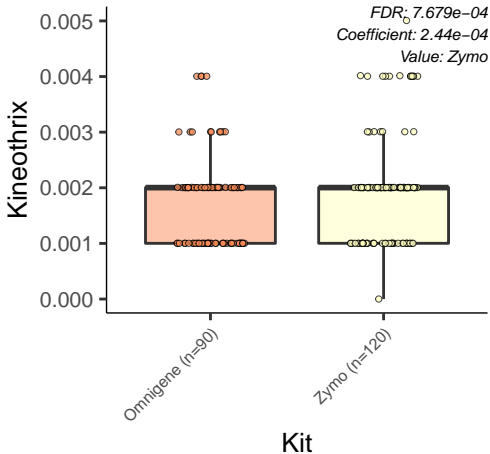
Kit

FDR: 4.833e-04

Coefficient: 1.78e-01

Value: Zymo





Intestinimonas

FDR: $8.747\text{e-}04$
Coefficient: $3.73\text{e-}02$
Value: Zymo

0.75

0.50

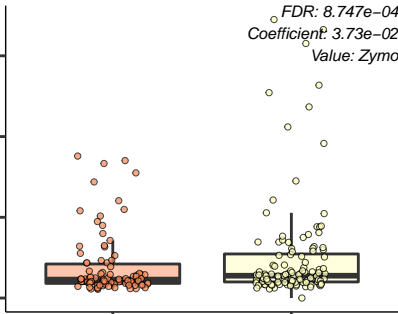
0.25

0.00

Omnigene (n=90)

Zymo (n=120)

Kit



Lactonifactor

0.009

0.006

0.003

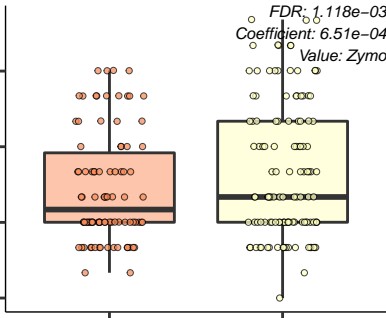
0.000

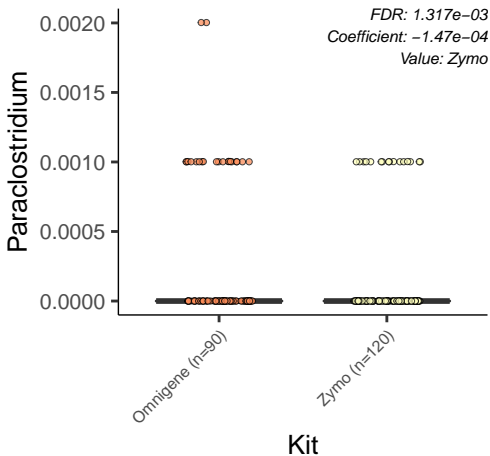
Omnigene (n=90)

Zymo (n=120)

Kit

FDR: $1.118e-03$
Coefficient: $6.51e-04$
Value: Zymo





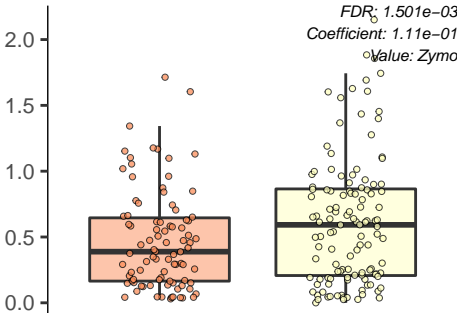
Fusicatenibacter

FDR: 1.501e-03
Coefficient: 1.11e-01
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



Guerin_crAss_Delta

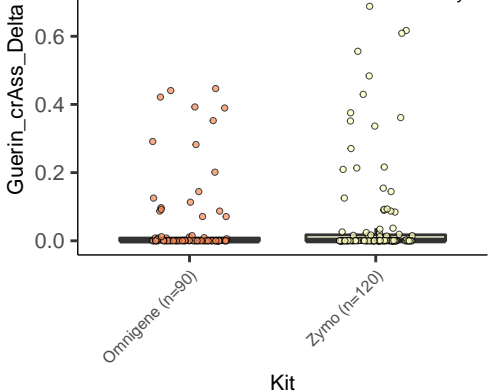
0.8
0.6
0.4
0.2
0.0

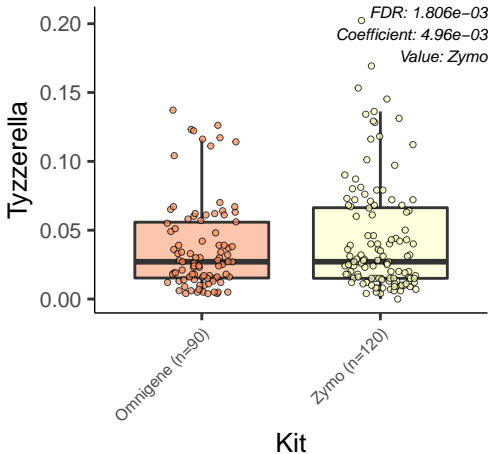
FDR: 1.588e-03
Coefficient: 2.83e-02
Value: Zymo

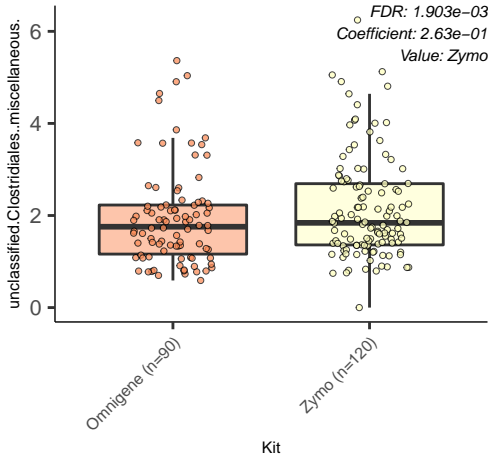
Omnigene (n=90)

Zymo (n=120)

Kit







unclassified.Spirochaetales

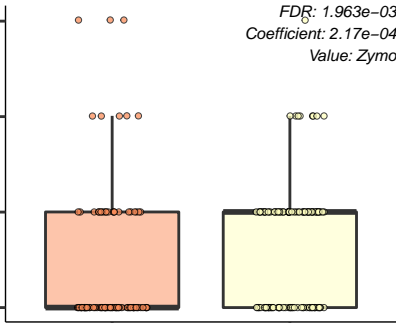
FDR: 1.963e-03
Coefficient: 2.17e-04
Value: Zymo

0.003
0.002
0.001
0.000

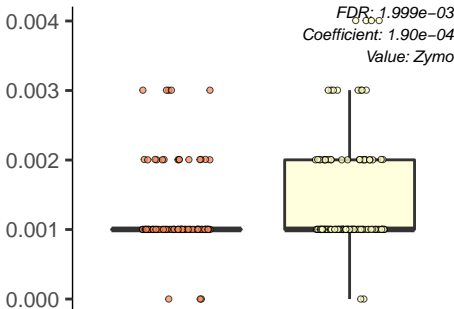
Omnigene (n=90)

Zymo (n=120)

Kit



Stomatobaculum

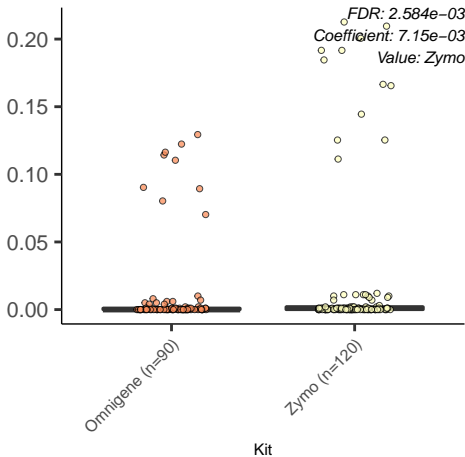


Omrigene (n=90)

Zymo (n=120)

Kit

unclassified.Veillonellaceae



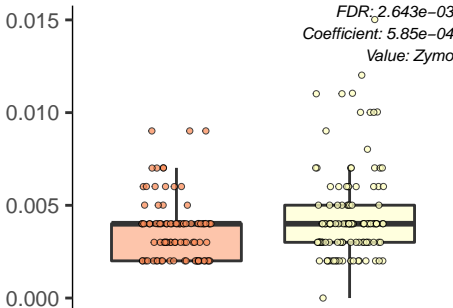
Marvinbryantia

FDR: $2.643e-03$
Coefficient: $5.85e-04$
Value: Zymo

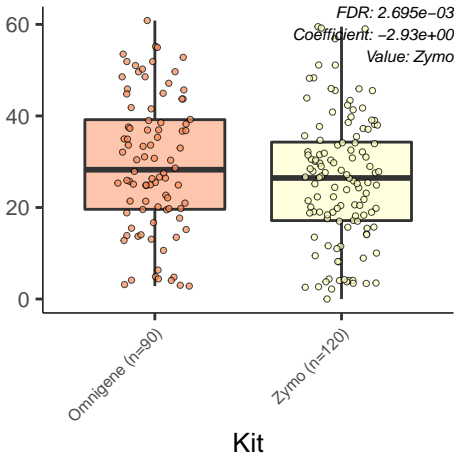
Omnigene (n=90)

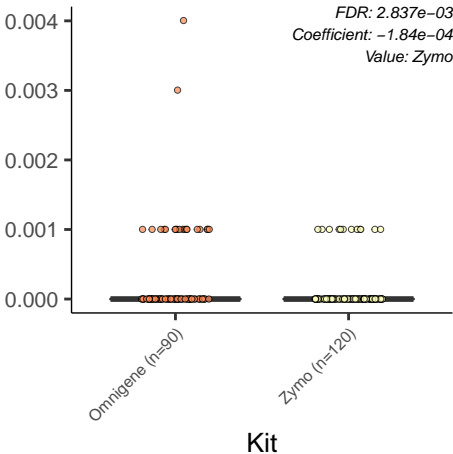
Zymo (n=120)

Kit

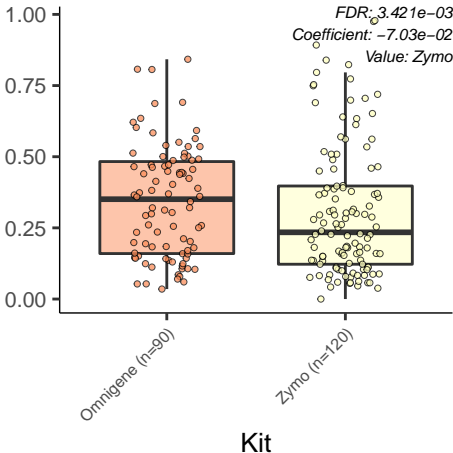


Bacteroides





Anaerobutyricum



Oribacterium

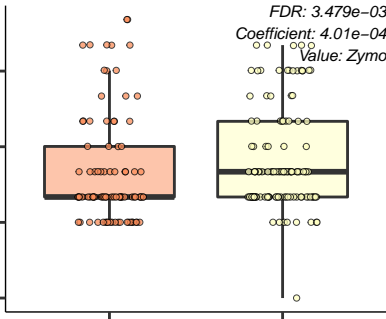
0.009
0.006
0.003
0.000

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 3.479×10^{-3}
Coefficient: 4.01×10^{-4}
Value: Zymo



Terrisporobacter

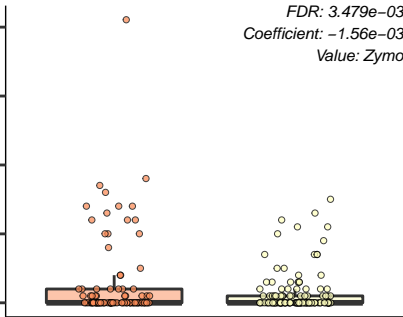
0.04
0.03
0.02
0.01
0.00

FDR: 3.479e-03
Coefficient: -1.56e-03
Value: Zymo

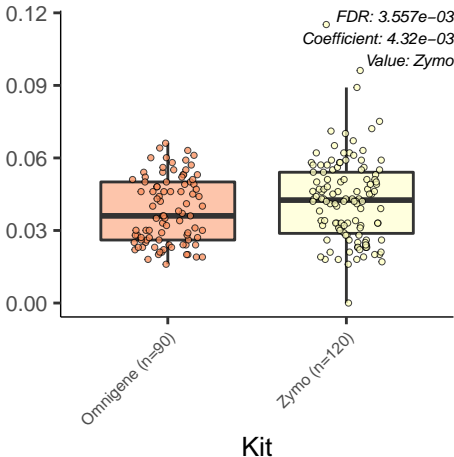
Omnigene (n=90)

Zymo (n=120)

Kit



Anaerotruncus



unclassified.Anaerolineaceae

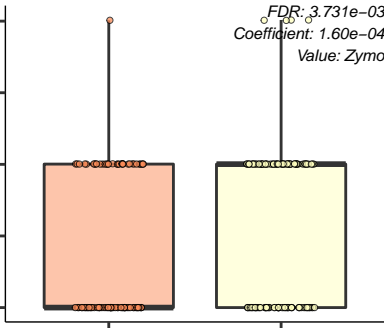
0.0020
0.0015
0.0010
0.0005
0.0000

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: $3.731e-03$
Coefficient: $1.60e-04$
Value: Zymo



unclassified.Peptococcaceae

FDR: 4.645e-03
Coefficient: 9.28e-04
Value: Zymo

0.02

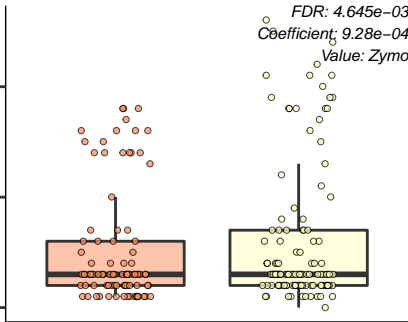
0.01

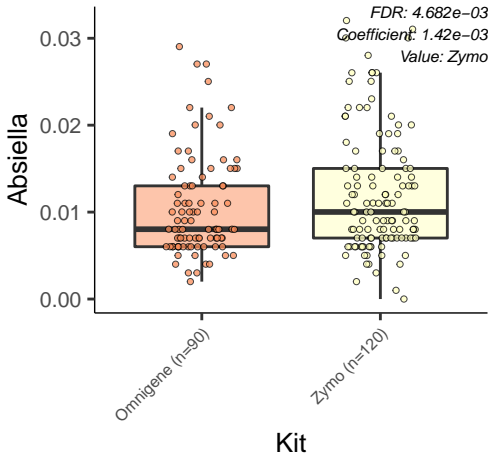
0.00

Omnigene (n=90)

Zymo (n=120)

Kit





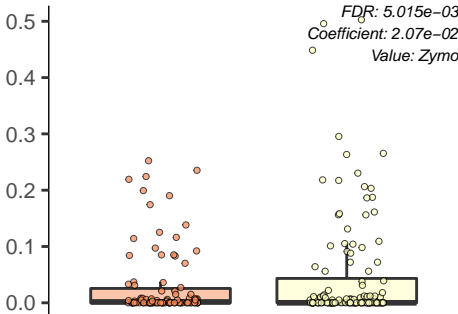
Guerin_crAss_Alpha

FDR: 5.015e-03
Coefficient: 2.07e-02
Value: Zymo

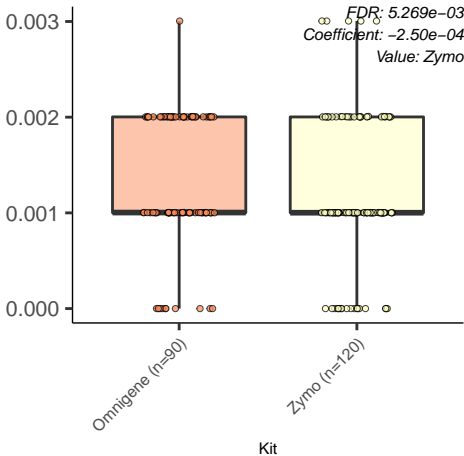
Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Eggerthellaceae



Peptostreptococcus

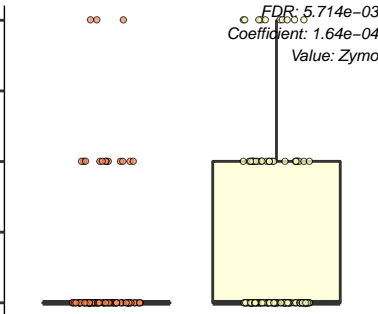
0.0020
0.0015
0.0010
0.0005
0.0000

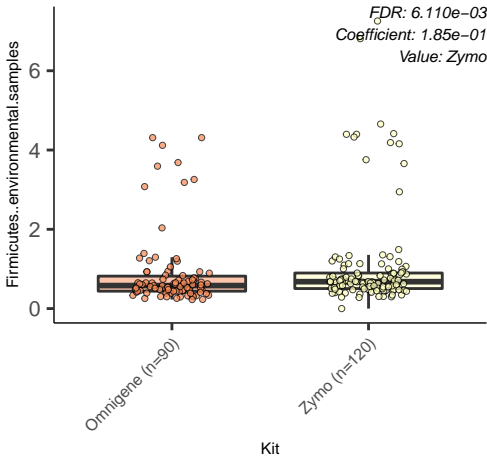
Omnigene (n=90)

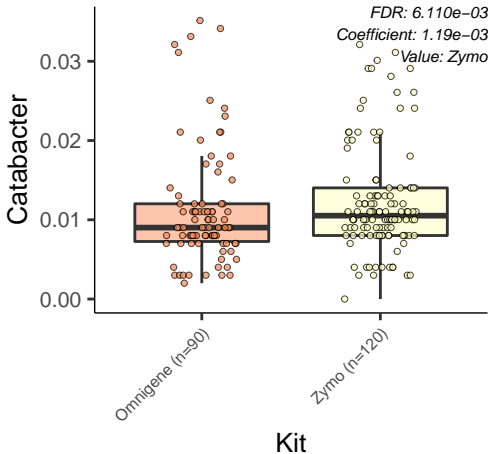
Zymo (n=120)

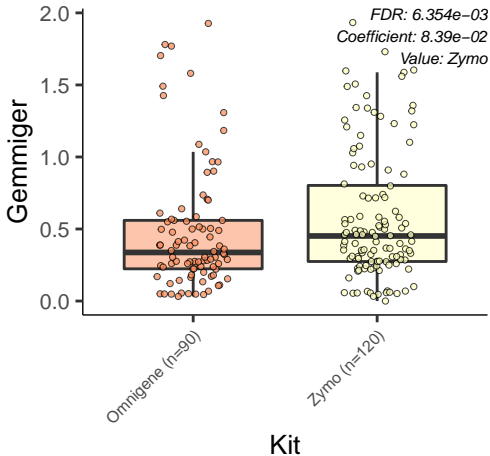
Kit

FDR: $5.714e-03$
Coefficient: $1.64e-04$
Value: Zymo









Guerin_crAss_Gamma

0.10

0.05

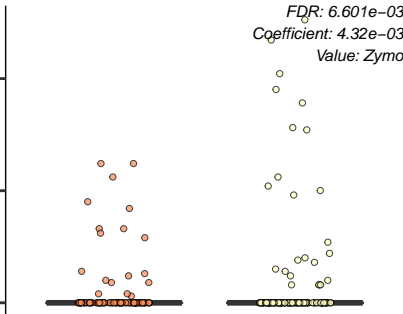
0.00

Omnigene (n=90)

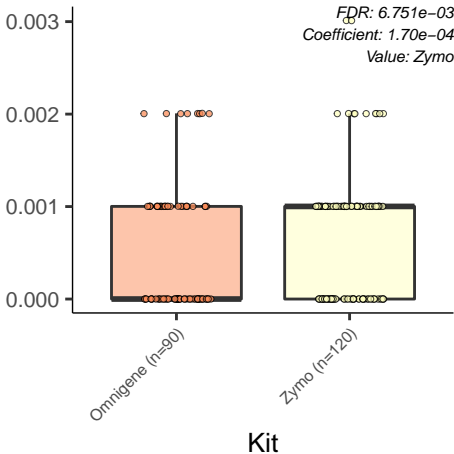
Zymo (n=120)

Kit

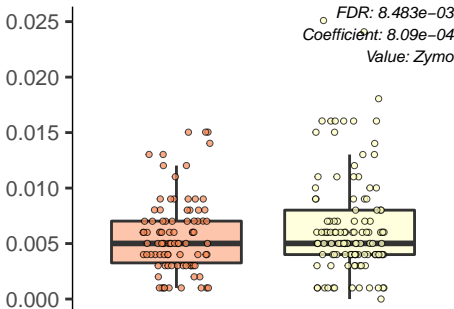
FDR: $6.601e-03$
Coefficient: $4.32e-03$
Value: Zymo



Deinococcus



Christensenella

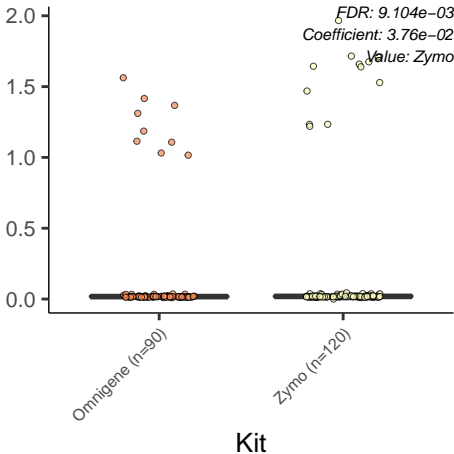


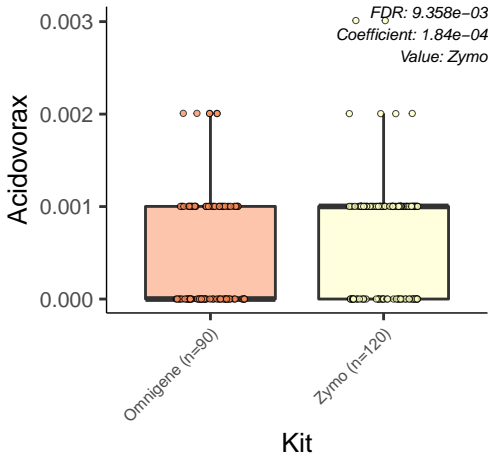
Omrigene (n=90)

Zymo (n=120)

Kit

Butyrivibrio





Paeniciostridium

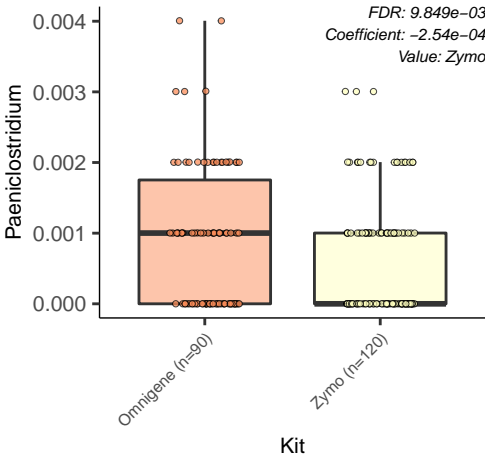
0.004
0.003
0.002
0.001
0.000

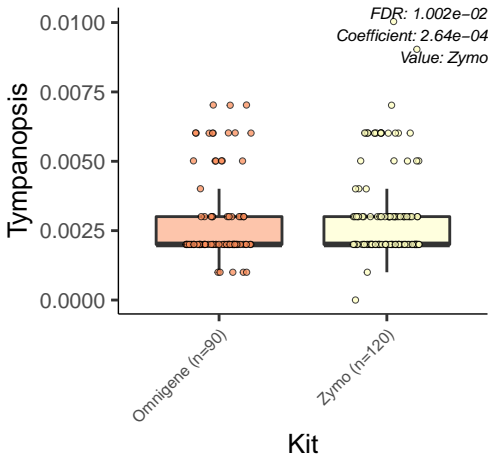
FDR: $9.849e-03$
Coefficient: $-2.54e-04$
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit





Intestinibacillus

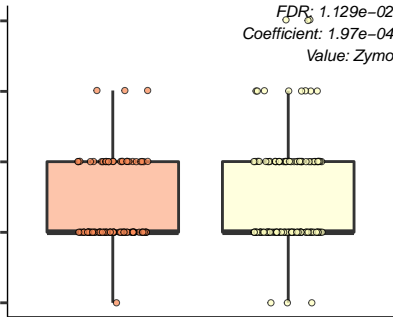
FDR: 1.129e-02
Coefficient: 1.97e-04
Value: Zymo

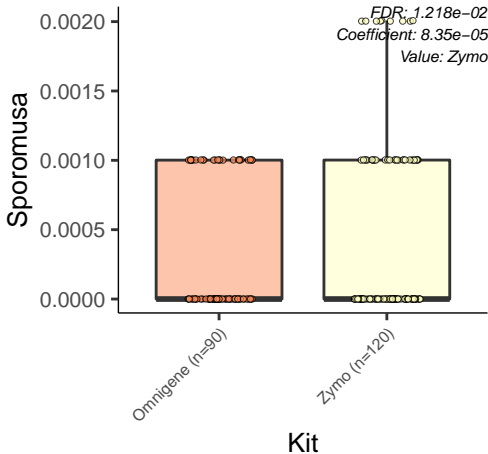
Omnigene (n=90)

Zymo (n=120)

Kit

0.004
0.003
0.002
0.001
0.000





Methylobacterium

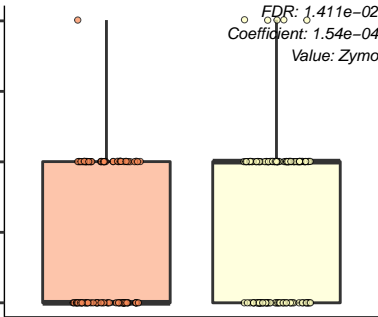
0.0020
0.0015
0.0010
0.0005
0.0000

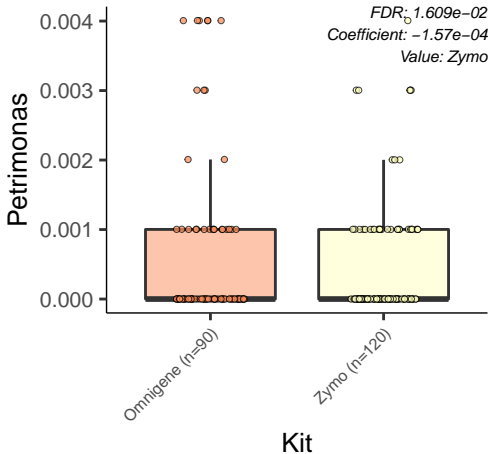
Omnigene (n=90)

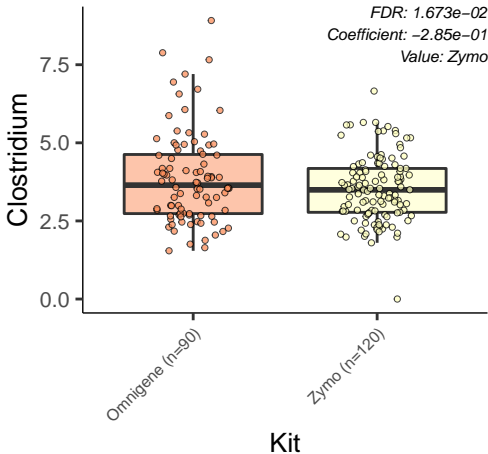
Zymo (n=120)

Kit

FDR: $1.411e-02$
Coefficient: $1.54e-04$
Value: Zymo







unclassified.Acidobacteriaceae

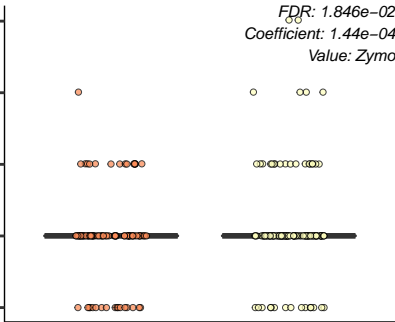
0.004
0.003
0.002
0.001
0.000

FDR: 1.846e-02
Coefficient: 1.44e-04
Value: Zymo

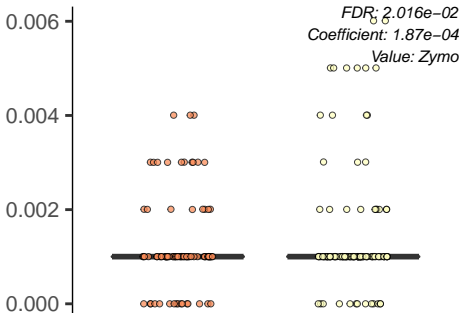
Omnigene (n=90)

Zymo (n=120)

Kit



Succiniclasticum



Omnigene (n=90)

Zymo (n=120)

Kit

unclassified.Sutterellaceae

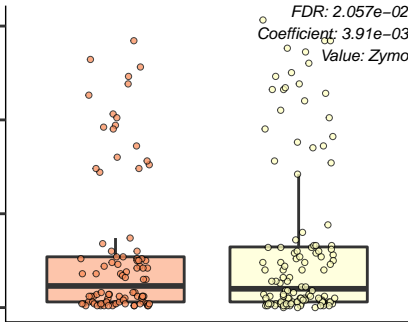
0.15
0.10
0.05
0.00

Omnigene (n=90)

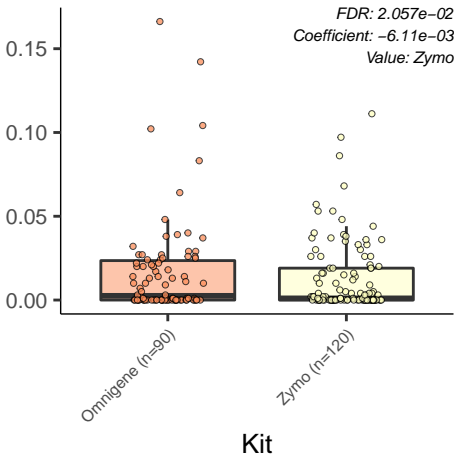
Zymo (n=120)

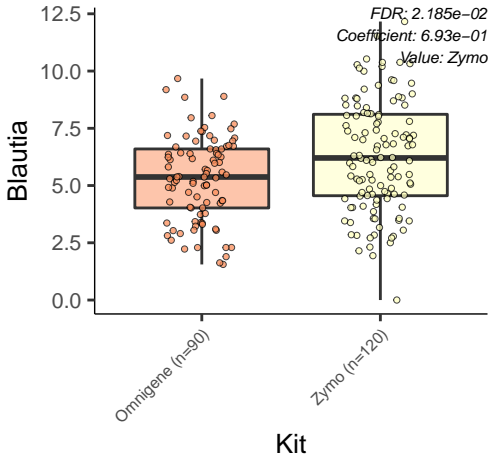
Kit

FDR: 2.057e-02
Coefficient: 3.91e-03
Value: Zymo



Intestinibacter





unclassified.Selenomonadales

0.015

0.010

0.005

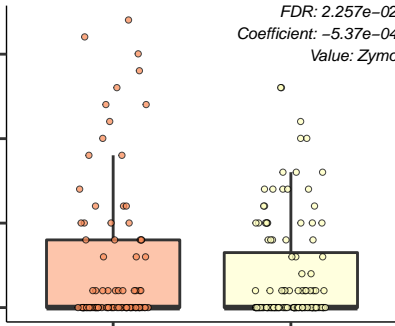
0.000

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 2.257e-02
Coefficient: -5.37e-04
Value: Zymo



Coprococcus

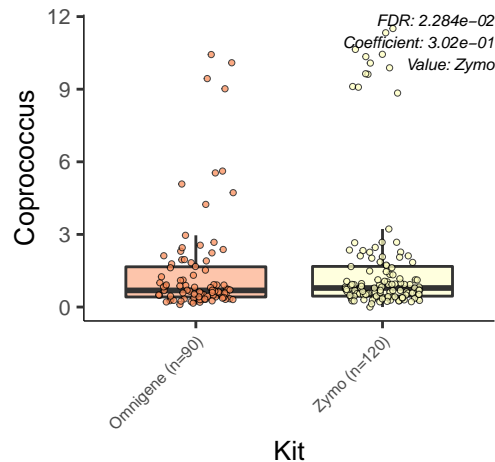
12
9
6
3
0

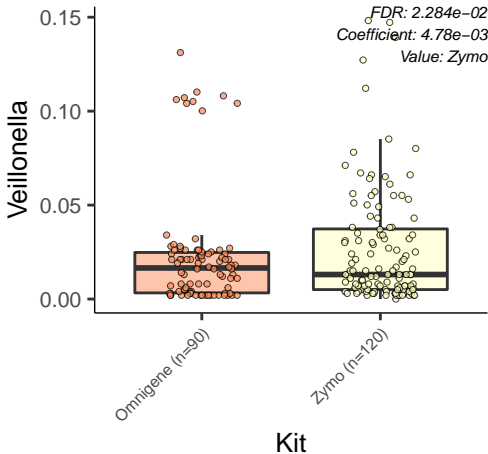
Omnigene (n=90)

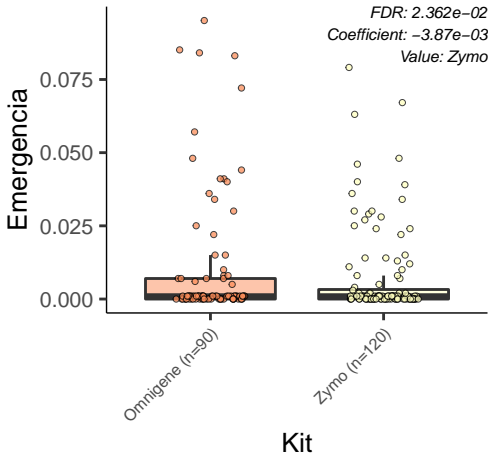
Zymo (n=120)

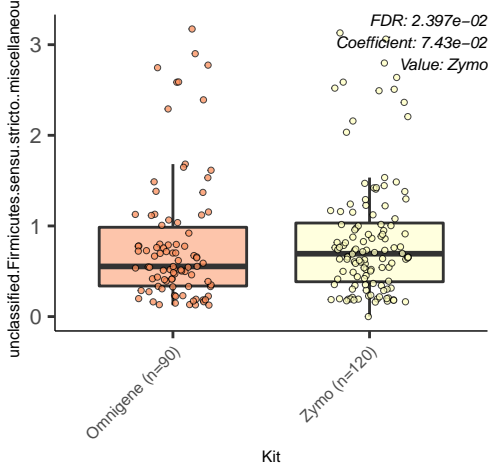
Kit

FDR: $2.284e-02$
Coefficient: $3.02e-01$
Value: Zymo

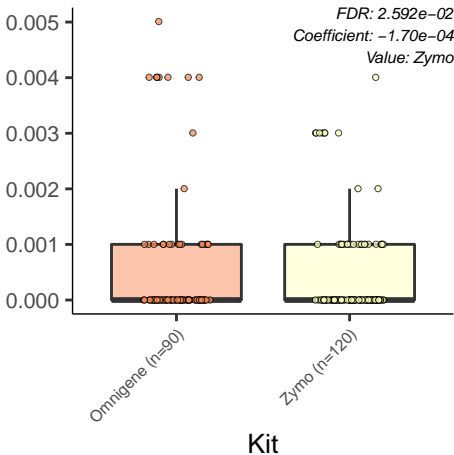


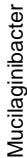






Alloprevotella





FDR: 2.608e-02

Coefficient: $-7.02e-05$

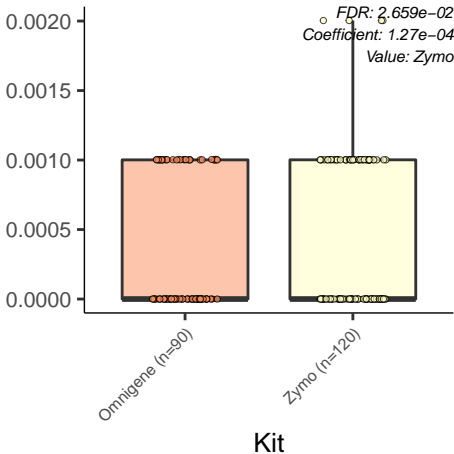
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit

Dehalobacter



Megasphaera

FDR: 2.684e-02
Coefficient: 6.10e-02
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

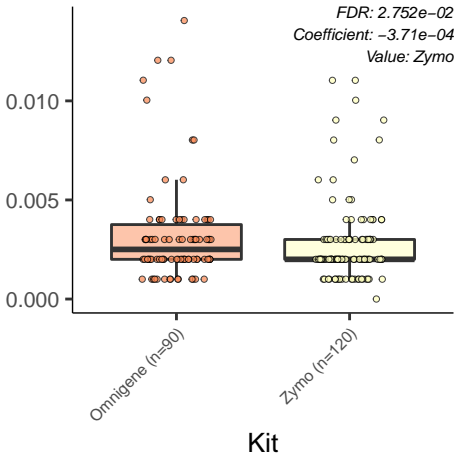
Kit

2

1

0

Austropuccinia



unclassified.Eubacteriaceae

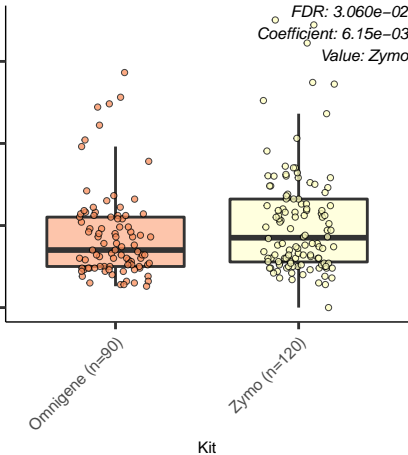
FDR: 3.060e-02
Coefficient: 6.15e-03
Value: Zymo

0.15
0.10
0.05
0.00

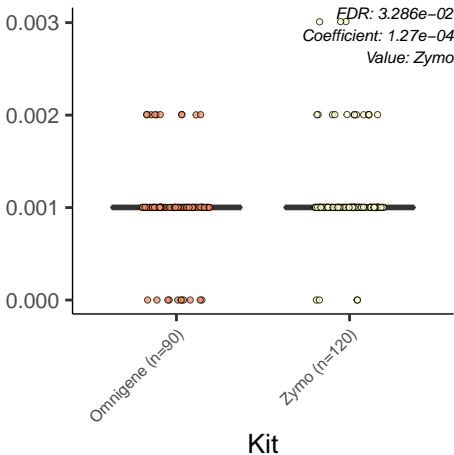
Omnigene (n=90)

Zymo (n=120)

Kit



Syntrophomonas



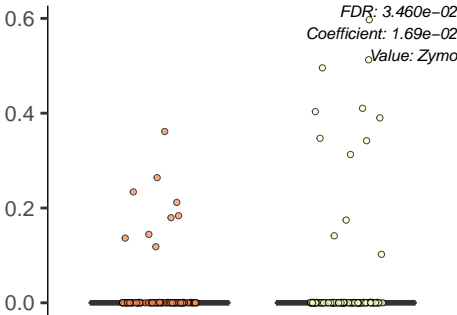
unclassified.Opitutae

$FDR: 3.460e-02$
 $Coefficient: 1.69e-02$
Value: Zymo

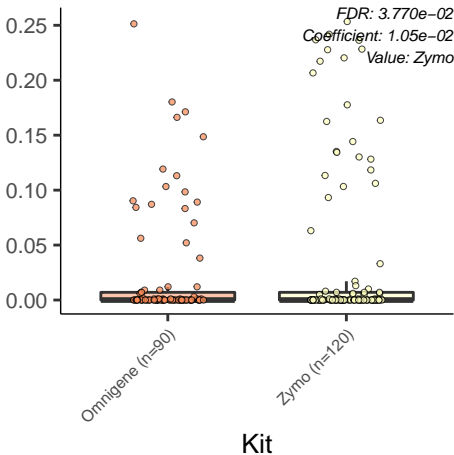
Omnigene (n=90)

Zymo (n=120)

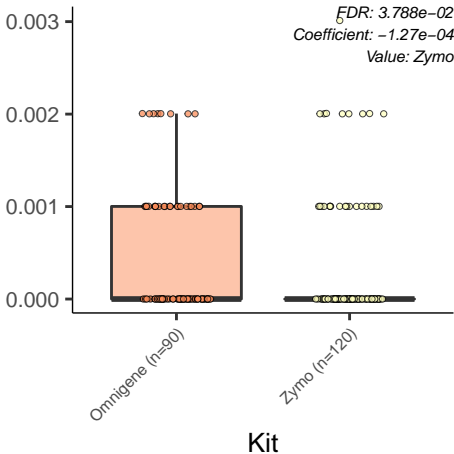
Kit



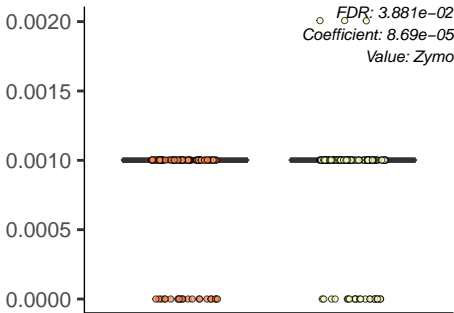
Parolsenella



Phoenicibacter



Marinobacter



Omnigene (n=90)

Zymo (n=120)

Kit

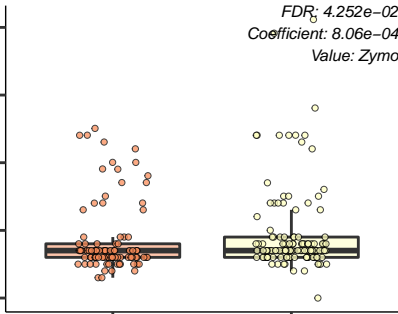
Paenibacillus

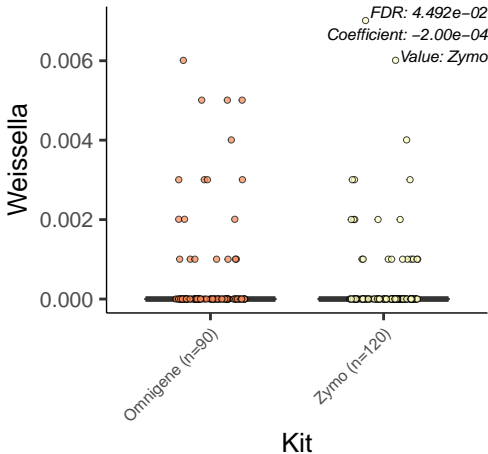
FDR: 4.252e-02
Coefficient: 8.06e-04
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit





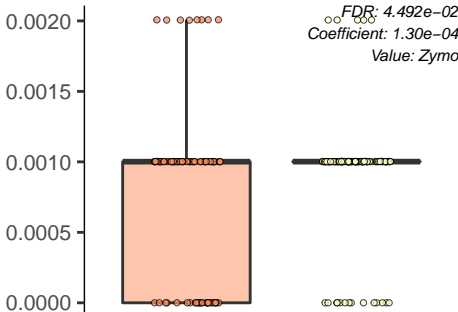
Ruminiclostridium

FDR: 4.492e-02
Coefficient: 1.30e-04
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



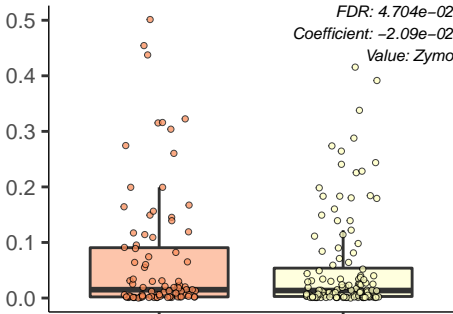
Romboutsia

FDR: $4.704e-02$
Coefficient: $-2.09e-02$
Value: Zymo

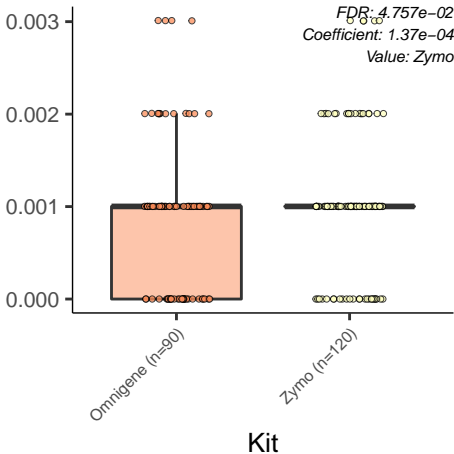
Omnigene (n=90)

Zymo (n=120)

Kit



Cupriavidus



Stenotrophomonas

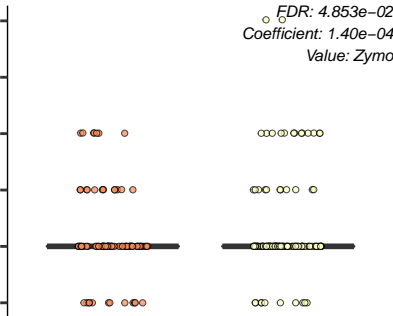
FDR: $4.853e-02$
Coefficient: $1.40e-04$
Value: Zymo

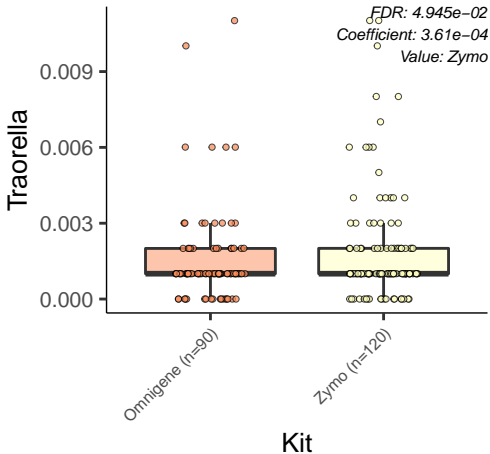
Omnigene (n=90)

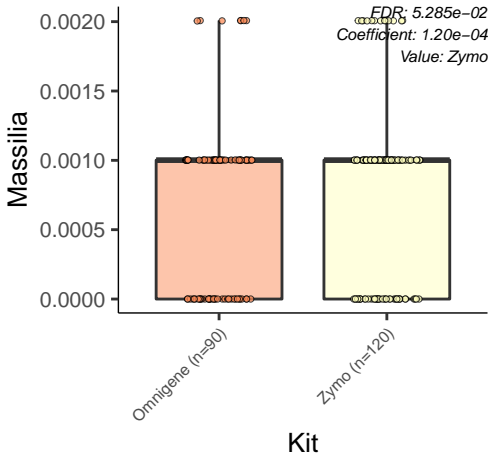
Zymo (n=120)

Kit

0.005
0.004
0.003
0.002
0.001
0.000







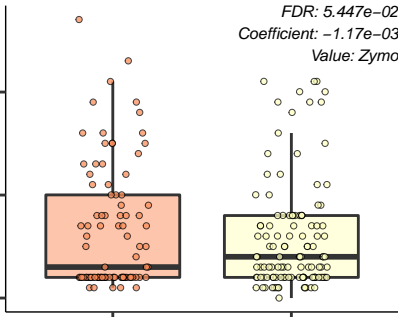
Lactococcus

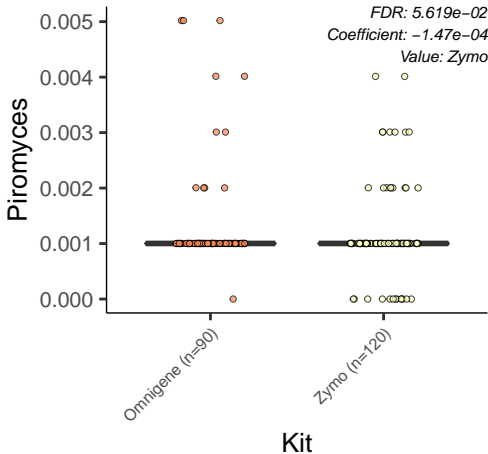
FDR: $5.447e-02$
Coefficient: $-1.17e-03$
Value: Zymo

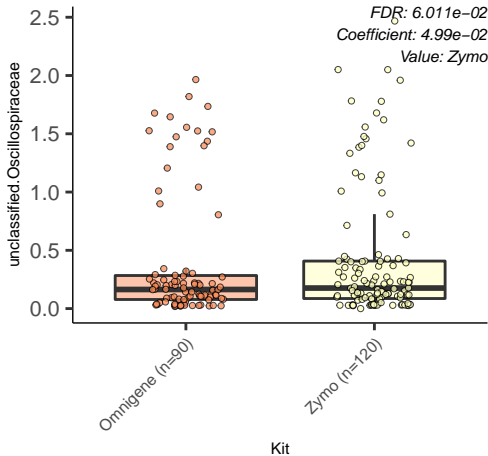
Omnigene (n=90)

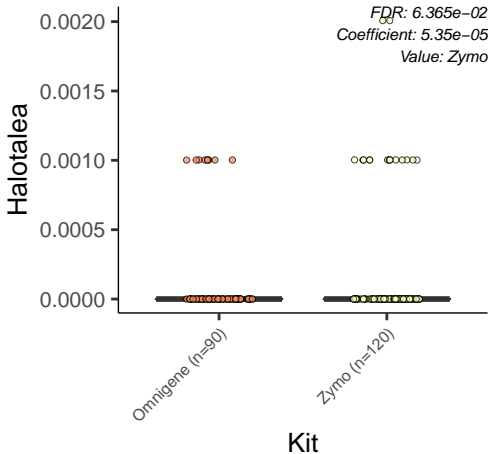
Zymo (n=120)

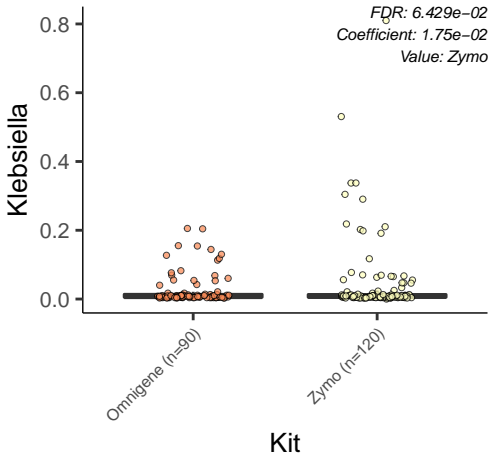
Kit











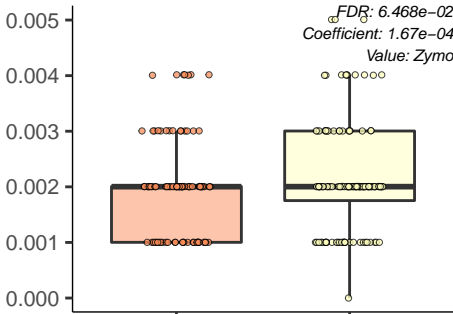
Cronbacter

$FDR: 6.468e-02$
 $Coefficient: 1.67e-04$
 $Value: Zymo$

Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Rhodospirillaceae

FDR: 6.789×10^{-2}
Coefficient: 1.64×10^{-4}
Value: Zymo

0.006

0.004

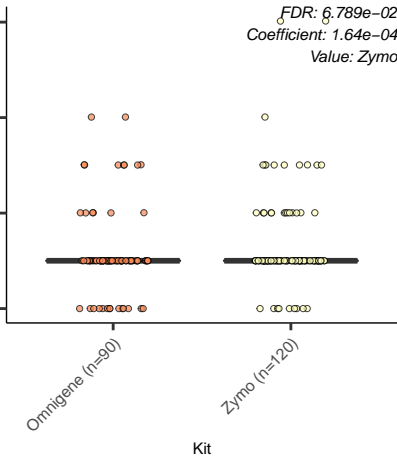
0.002

0.000

Omnigene (n=90)

Zymo (n=120)

Kit



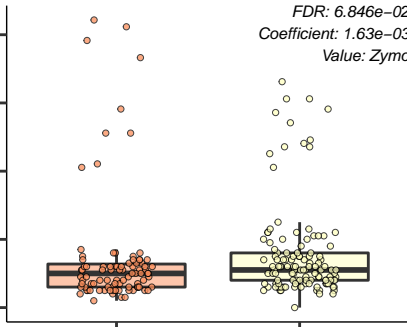
unclassified.Christensenellaceae

FDR: 6.846e-02
Coefficient: 1.63e-03
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Acidobacteria

FDR: 6.926e-02
Coefficient: 1.94e-04
Value: Zymo

0.0075

0.0050

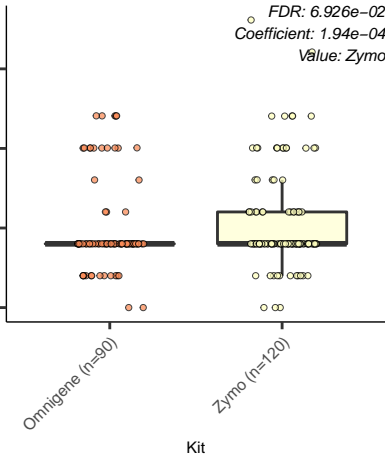
0.0025

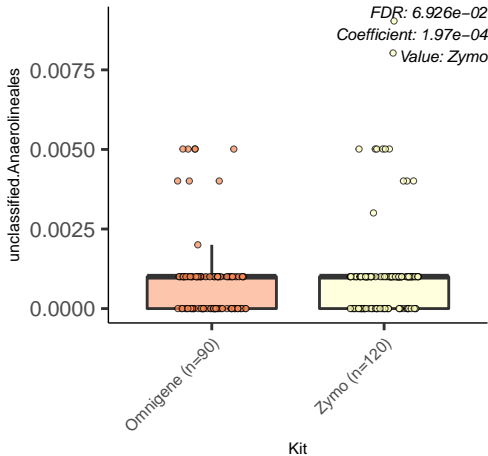
0.0000

Omnigene (n=90)

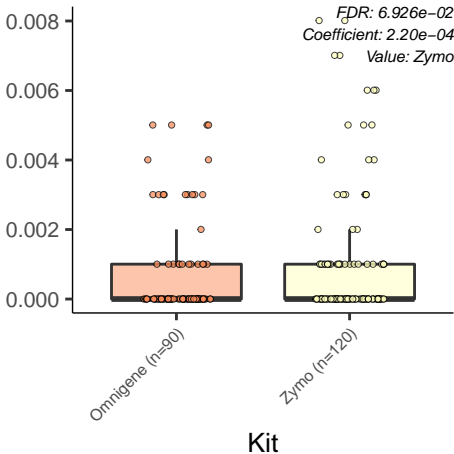
Zymo (n=120)

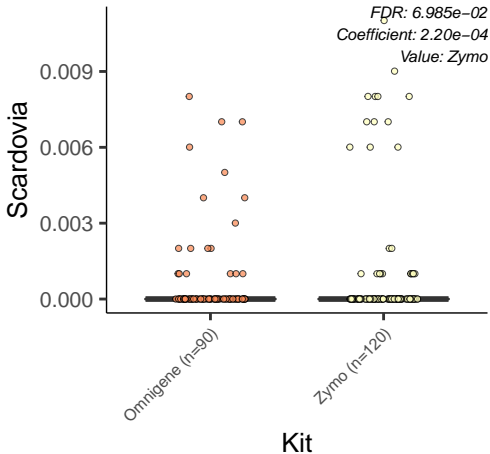
Kit

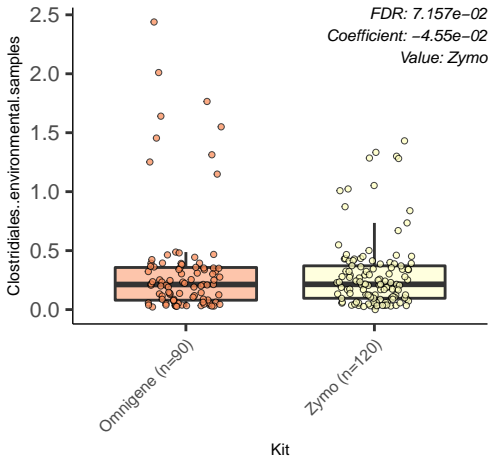


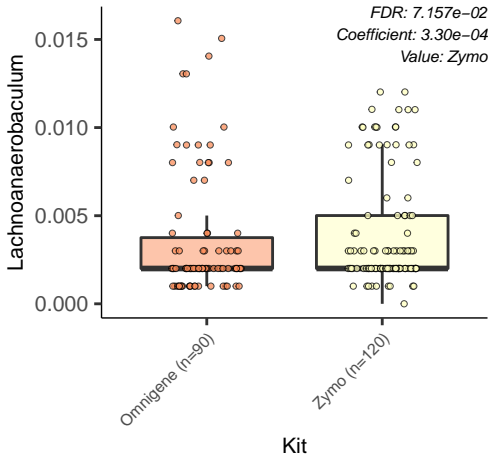


Succinivibrio

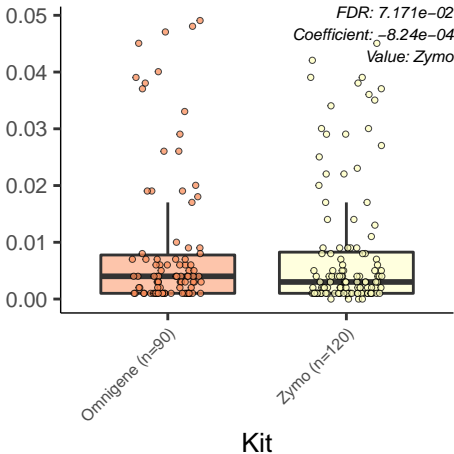








Mediterranea



unclassified.Clostridia

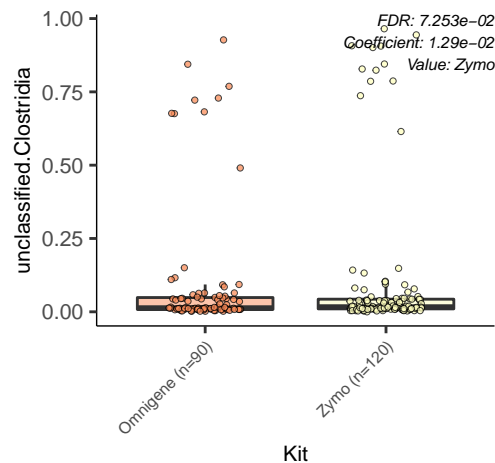
1.00
0.75
0.50
0.25
0.00

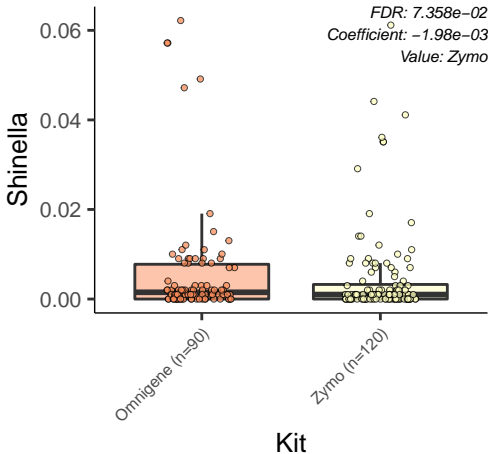
Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 7.253×10^{-2}
Coefficient: 1.29×10^{-2}
Value: Zymo





Peptoniphilus

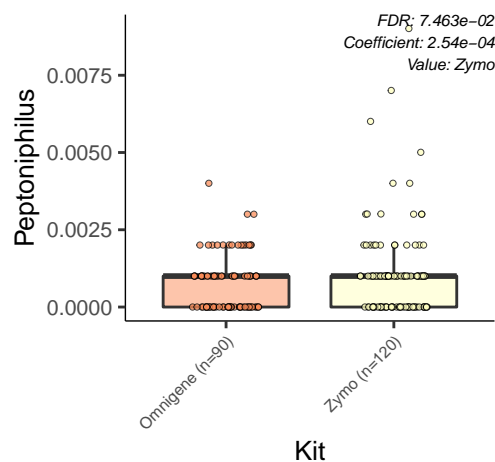
FDR: $7.463e-02$
Coefficient: $2.54e-04$
Value: Zymo

0.0075
0.0050
0.0025
0.0000

Omnigene (n=90)

Zymo (n=120)

Kit



Staphylococcus

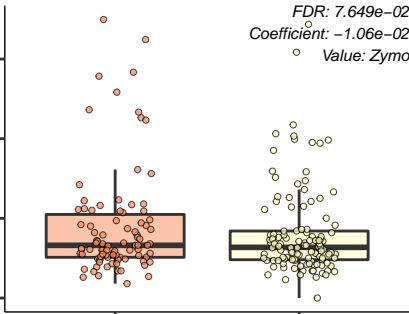
FDR: $7.649e-02$
Coefficient: $-1.06e-02$
Value: Zymo

Omnigene (n=90)

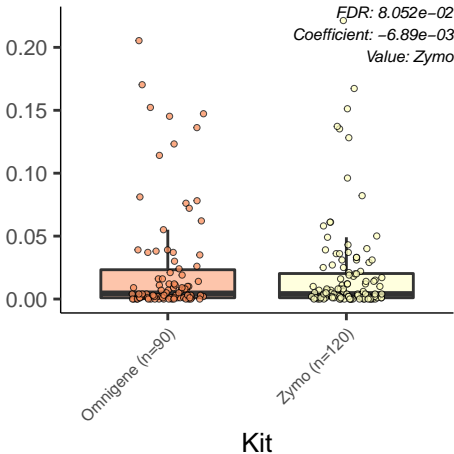
Zymo (n=120)

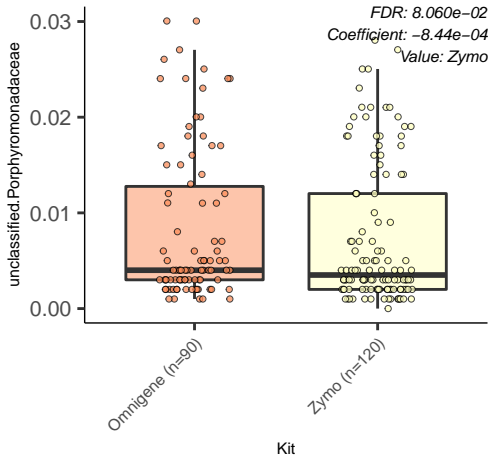
Kit

0.3
0.2
0.1
0.0



Turcibacter





Neurospora

FDR: $8.417e-02$

Coefficient: $-1.87e-04$

Value: Zymo

0.006

0.004

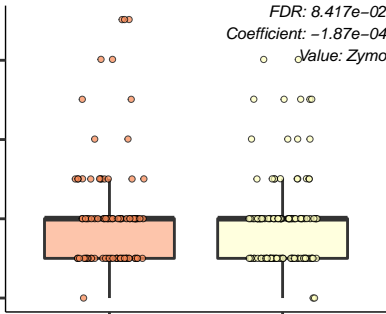
0.002

0.000

Omnigene (n=90)

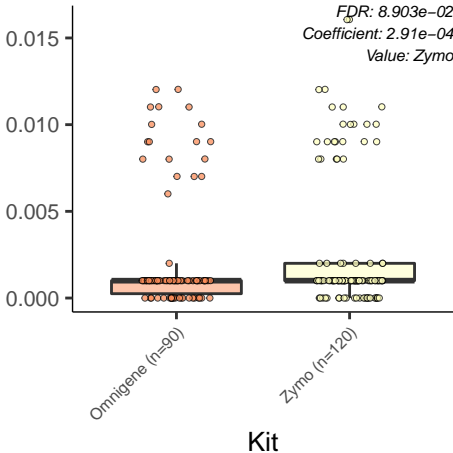
Zymo (n=120)

Kit



Merdibacter

FDR: 8.903e-02
Coefficient: 2.91e-04
Value: Zymo



unclassified.Clostridiaceae

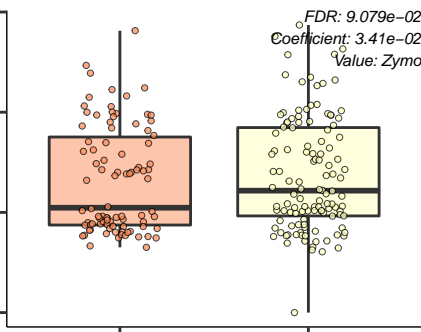
1.5
1.0
0.5
0.0

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 9.079×10^{-2}
Coefficient: 3.41×10^{-2}
Value: Zymo



Thermoclostridium

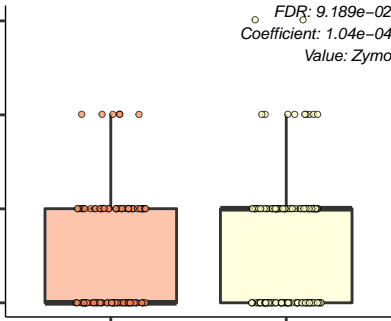
0.003
0.002
0.001
0.000

FDR: 9.189e-02
Coefficient: 1.04e-04
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Rhizobiales..miscellaneous.

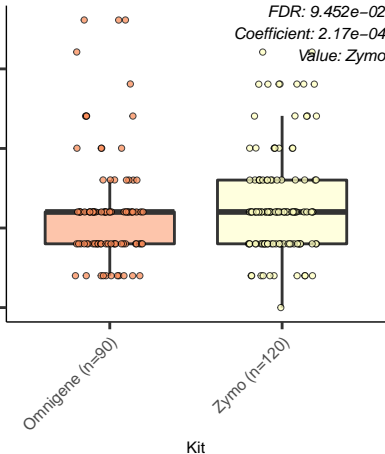
FDR: 9.452e-02
Coefficient: 2.17e-04
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit

0.0075
0.0050
0.0025
0.0000



Rothia

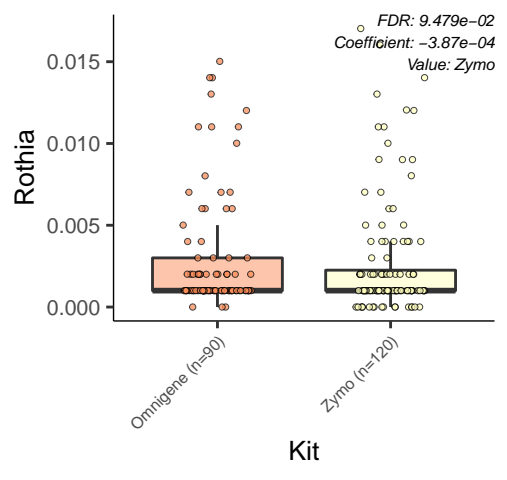
0.015
0.010
0.005
0.000

Omnigene (n=90)

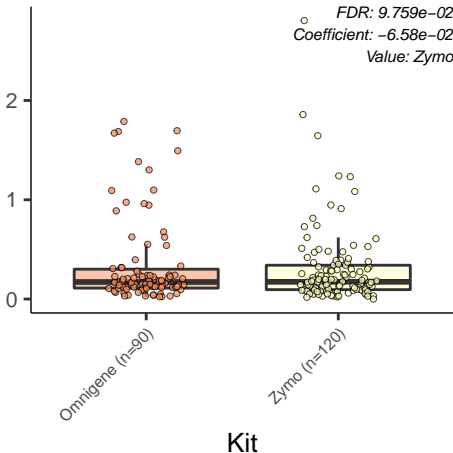
Zymo (n=120)

Kit

FDR: $9.479e-02$
Coefficient: $-3.87e-04$
Value: Zymo



Coprobacillus



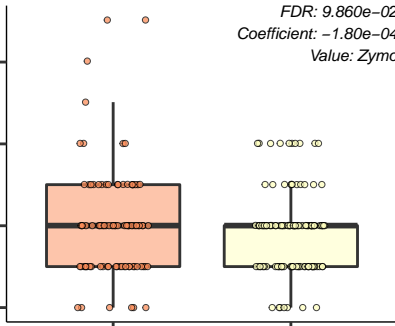
Viruses..environmental.samples..186616.

FDR: $9.860e-02$
Coefficient: $-1.80e-04$
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



Odoribacter

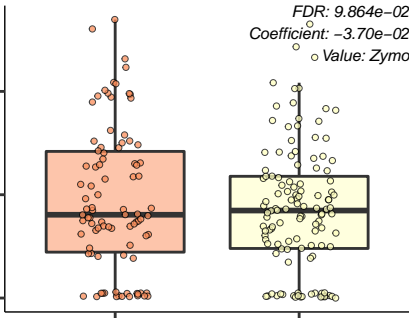
1.0
0.5
0.0

Omnigene (n=90)

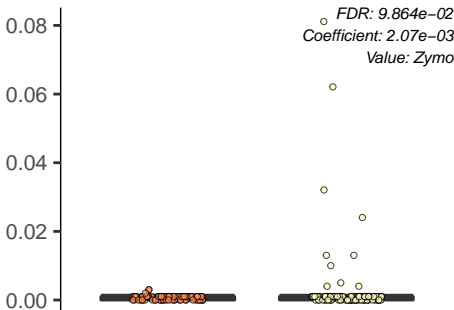
Zymo (n=120)

Kit

FDR: $9.864e-02$
Coefficient: $-3.70e-02$
○ Value: Zymo



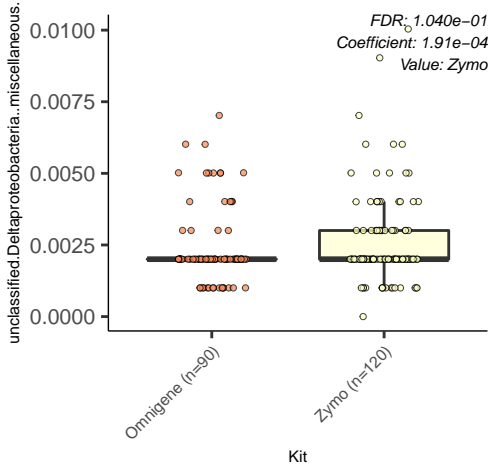
Chlamydia

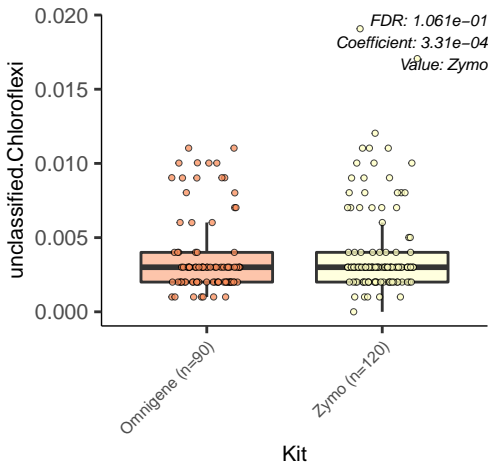


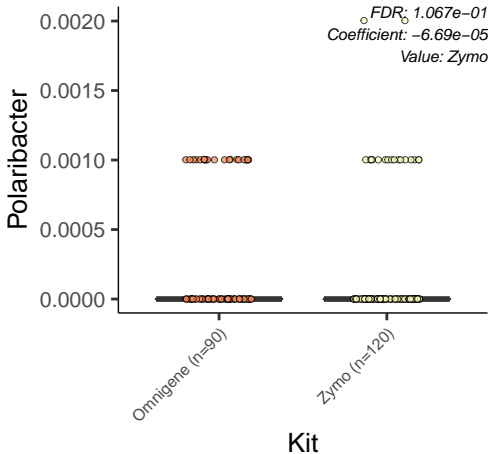
Omnigene (n=90)

Zymo (n=120)

Kit







Hspellia

FDR: 1.089e-01
Coefficient: 7.09e-04
Value: Zymo

0.03

0.02

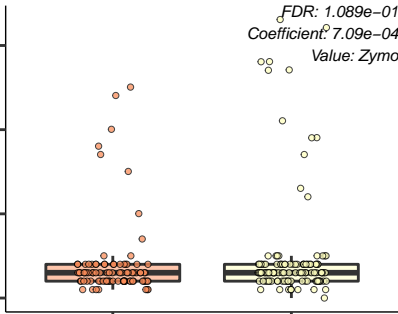
0.01

0.00

Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Rikenellaceae

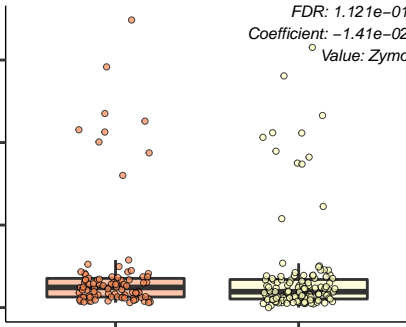
0.75
0.50
0.25
0.00

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 1.121e-01
Coefficient: -1.41e-02
Value: Zymo



Candida..1535326.

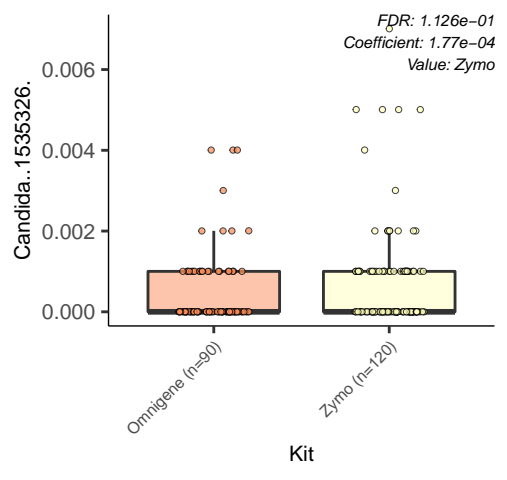
FDR: 1.126e-01
Coefficient: 1.77e-04
Value: Zymo

Omnigene (n=90)

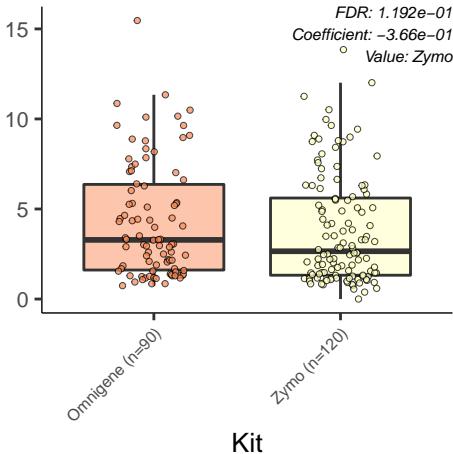
Zymo (n=120)

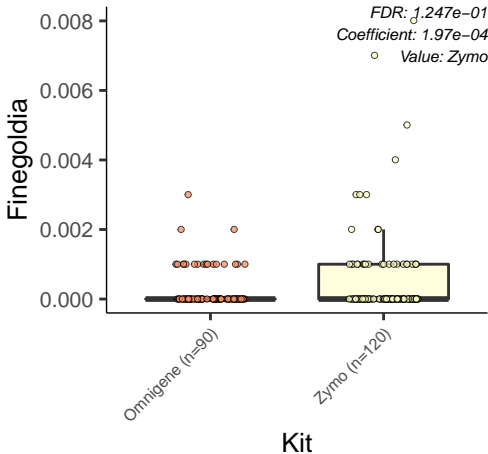
Kit

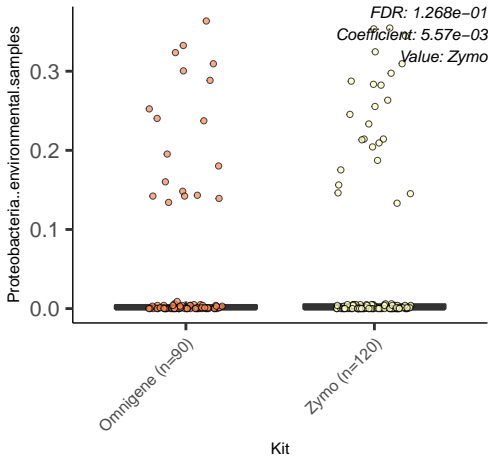
0.006
0.004
0.002
0.000



Alistipes







Myriosclerotinia

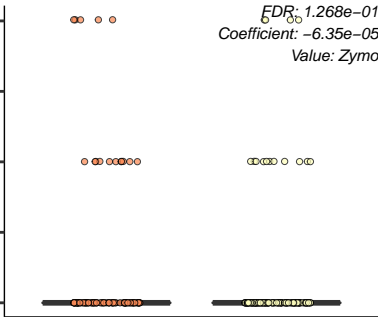
0.0020
0.0015
0.0010
0.0005
0.0000

FDR: 1.268e-01
Coefficient: -6.35e-05
Value: Zymo

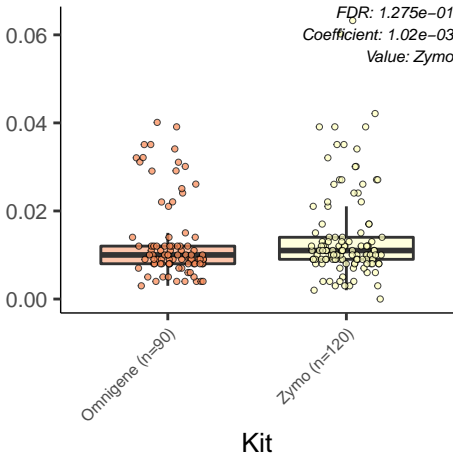
Omnigene (n=90)

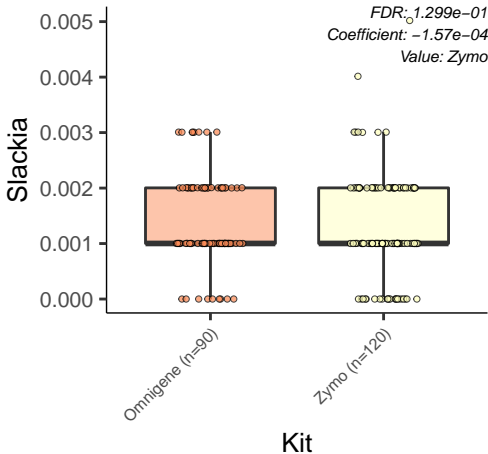
Zymo (n=120)

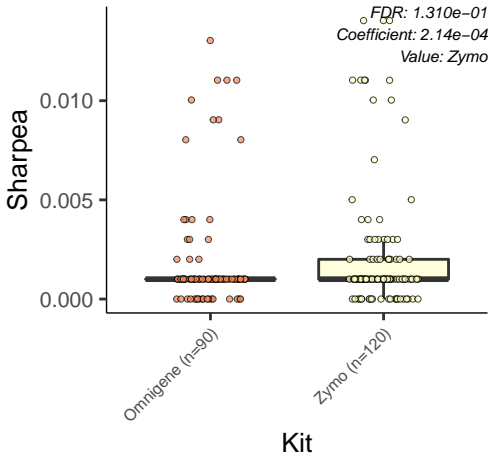
Kit

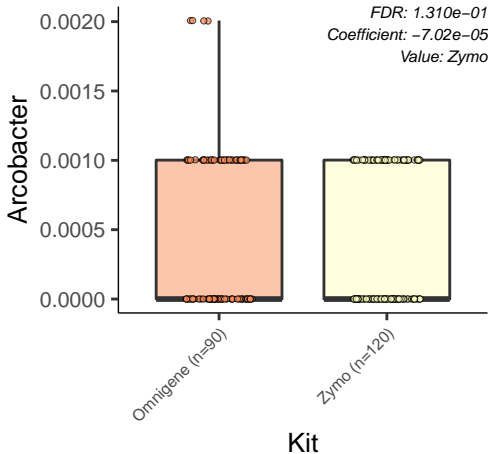


Streptomyces

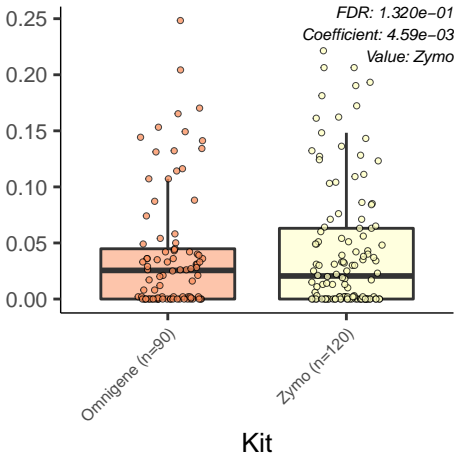


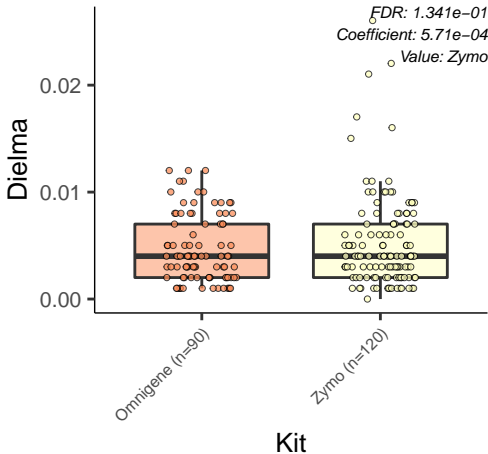




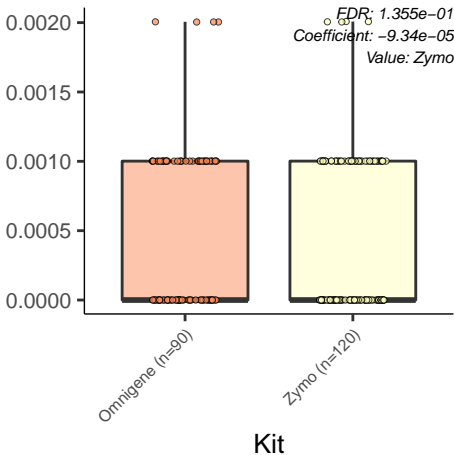


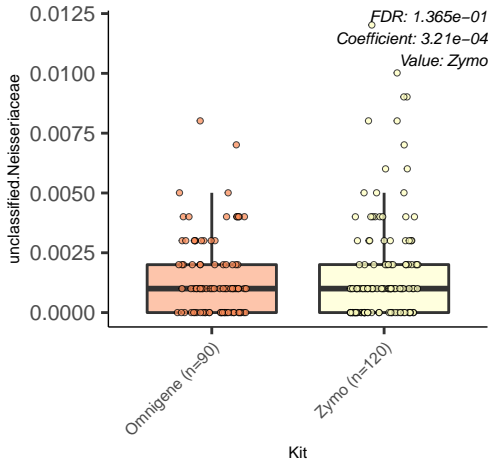
Parasutterella





Granulicatella





Raoultibacter

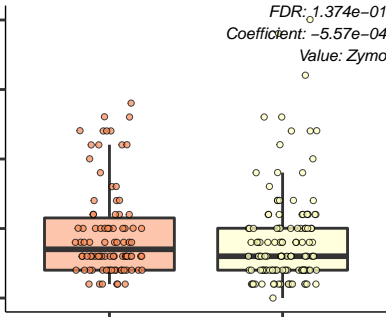
0.020
0.015
0.010
0.005
0.000

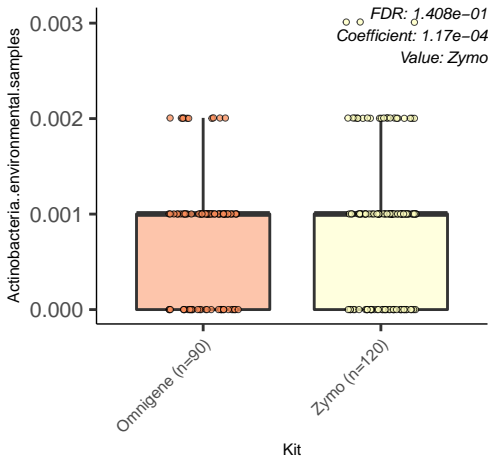
Omnigene (n=90)

Zymo (n=120)

Kit

FDR: $1.374e-01$
Coefficient: $-5.57e-04$
Value: Zymo





Geoglossum

FDR: 1.482e-01
Coefficient: 2.41e-04
Value: Zymo

0.010

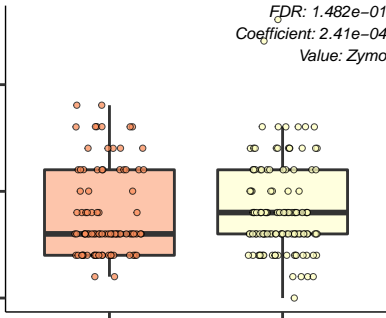
0.005

0.000

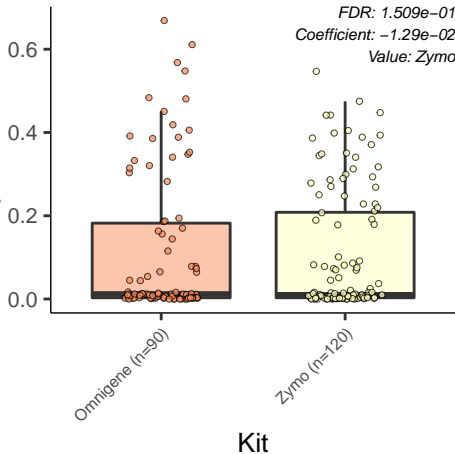
Omnigene (n=90)

Zymo (n=120)

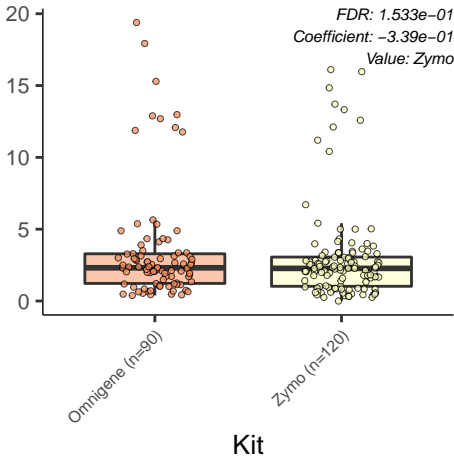
Kit



Butyricimonas



Parabacteroides



Flavobacterium

0.009

0.006

0.003

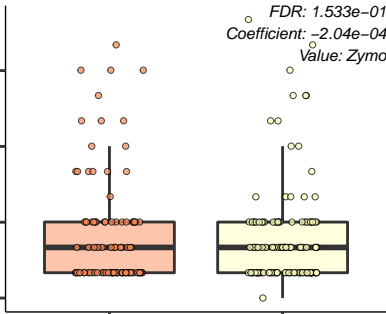
0.000

Omnigene (n=90)

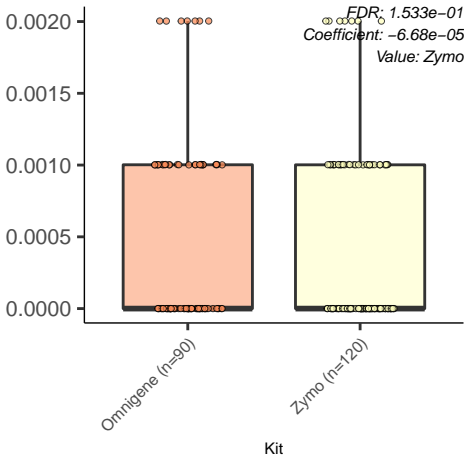
Zymo (n=120)

Kit

FDR: 1.533e-01
Coefficient: -2.04e-04
Value: Zymo



unclassified.Chitinophagaceae



unclassified.Streptococcaceae

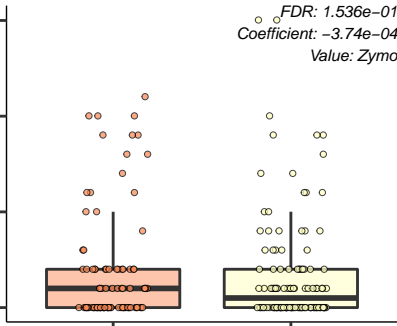
0.015
0.010
0.005
0.000

FDR: 1.536e-01
Coefficient: -3.74e-04
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



unclassified.Acholeplasmatales

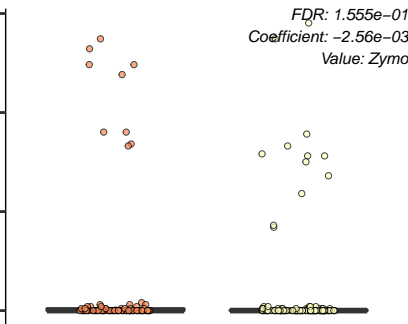
0.15
0.10
0.05
0.00

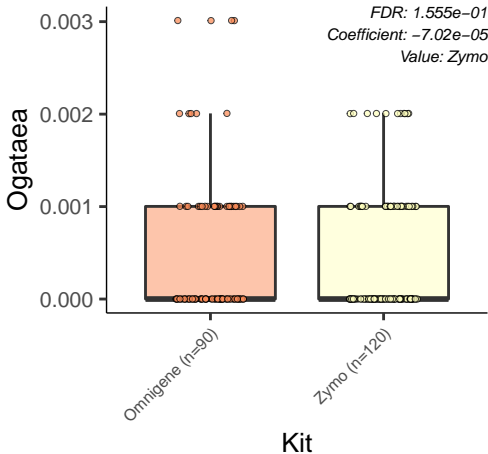
FDR: 1.555e-01
Coefficient: -2.56e-03
Value: Zymo

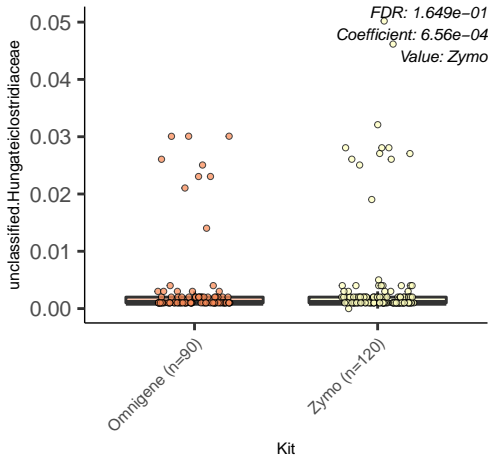
Omnigene (n=90)

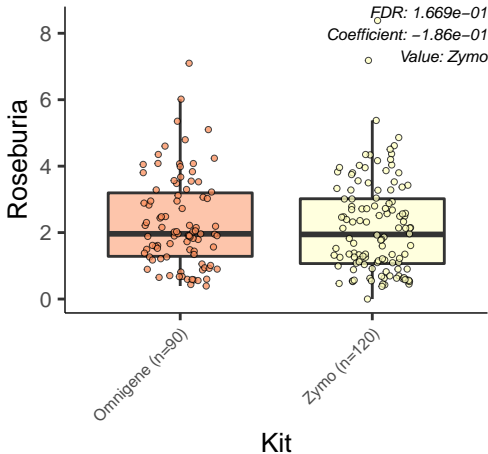
Zymo (n=120)

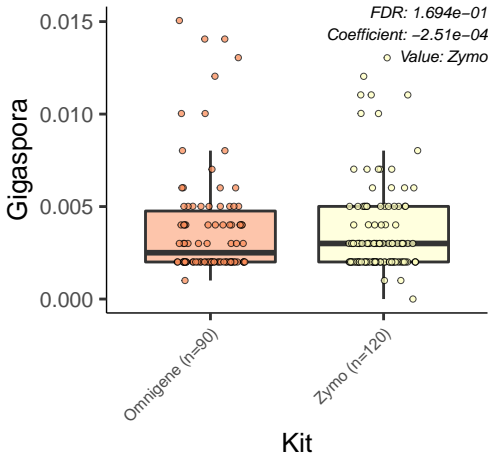
Kit











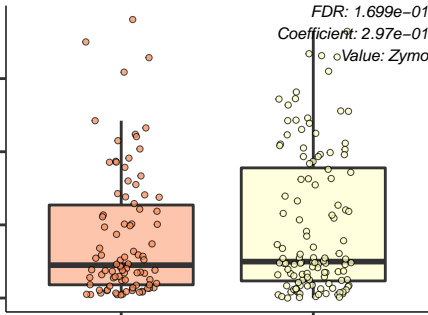
Bifidobacterium

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 1.699e-01
Coefficient: 2.97e-01
Value: Zymo



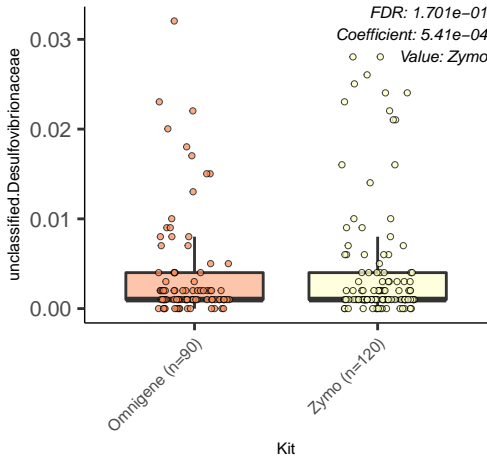
unclassified.Desulfovibrionaceae

FDR: 1.701e-01
Coefficient: 5.41e-04
Value: Zymo

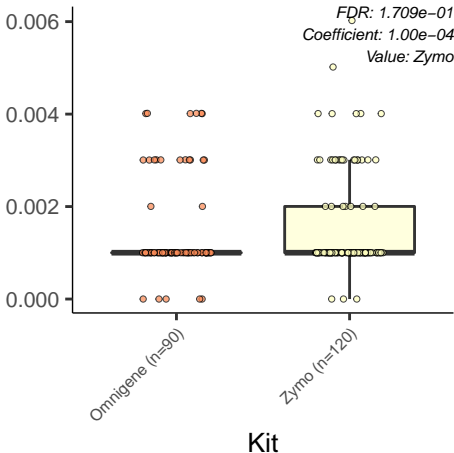
Omnigene (n=90)

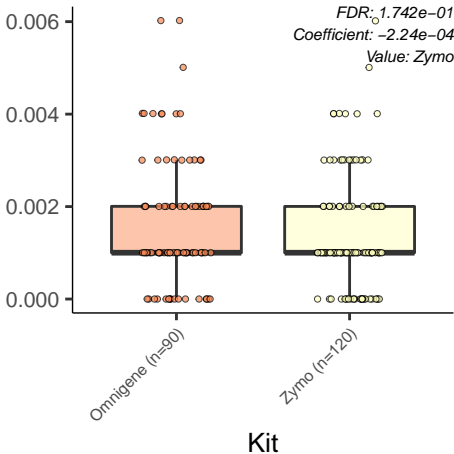
Zymo (n=120)

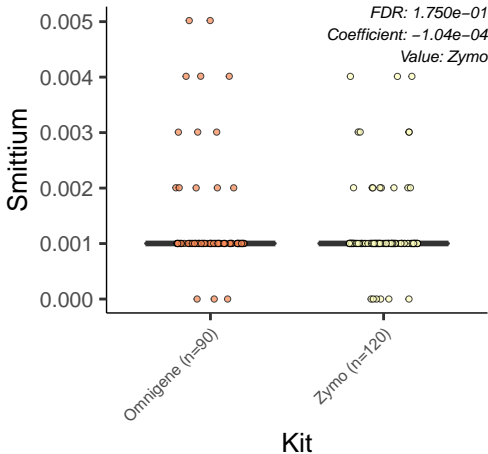
Kit

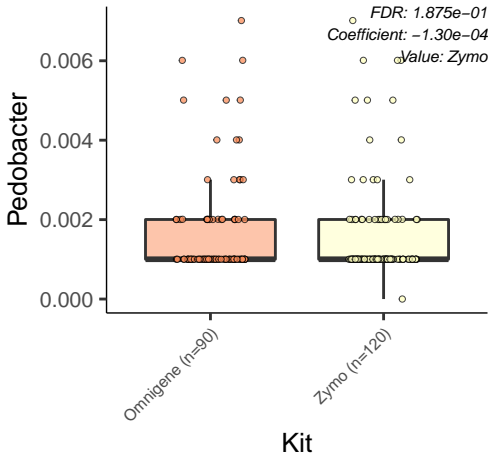


Mesorhizobium

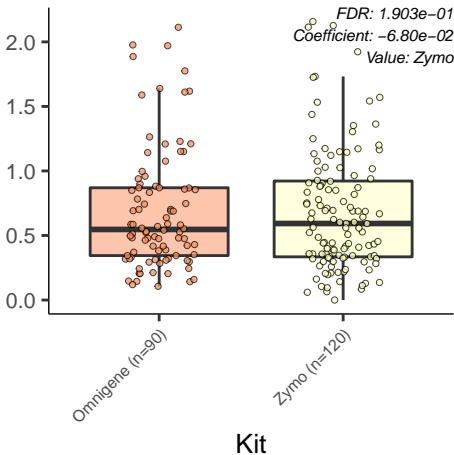


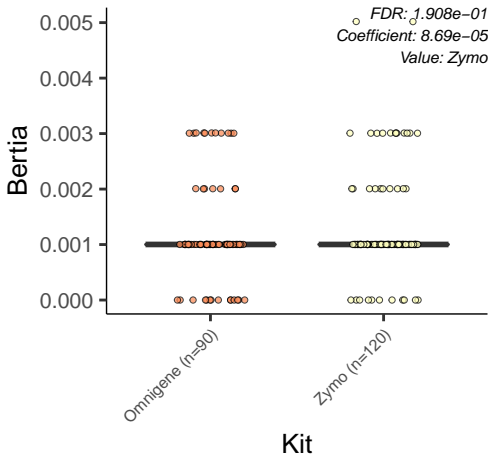


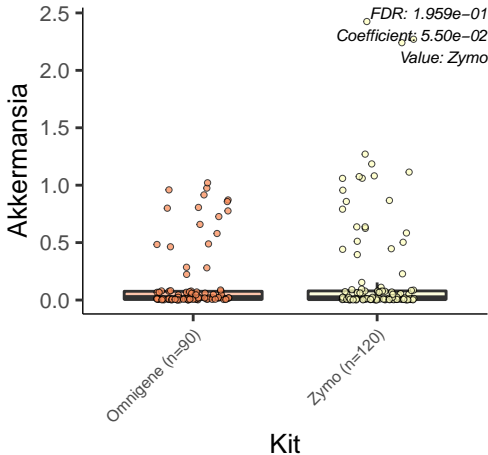


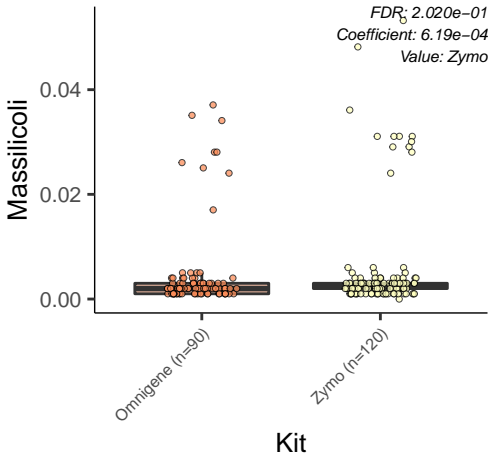


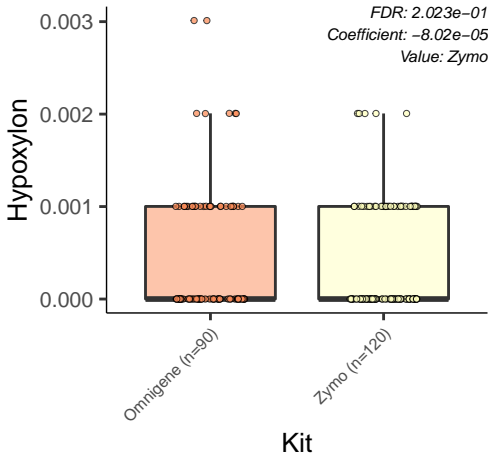
Anaerostipes

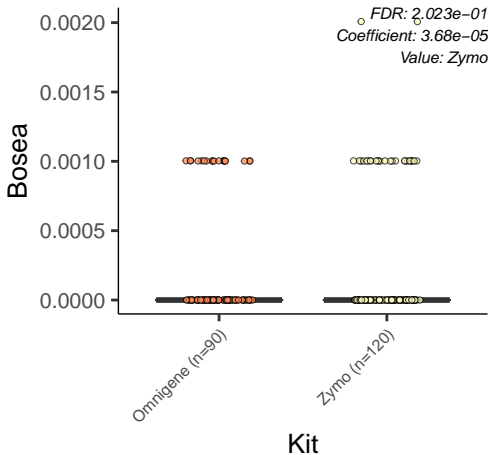


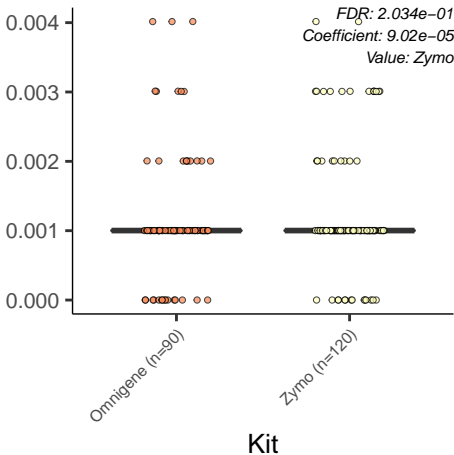




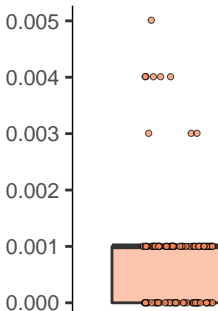








Pseudoclostridium

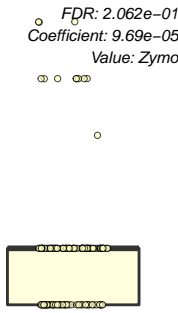


Omnigene (n=90)

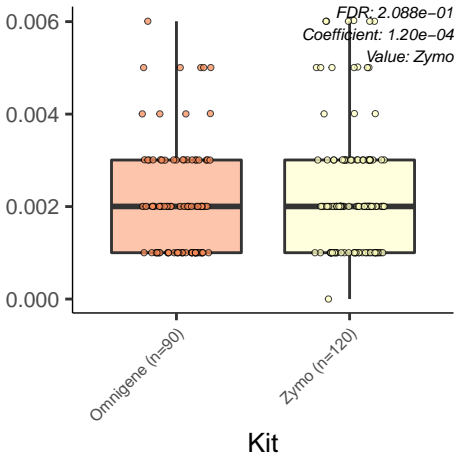
Kit

FDR: 2.062e-01
Coefficient: 9.69e-05
Value: Zymo

Zymo (n=120)



Anaerocolumnna



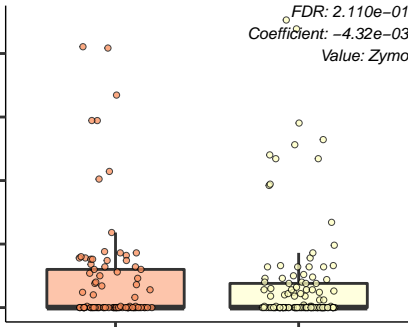
unclassified.Eggerthellales

FDR: $2.110e-01$
Coefficient: $-4.32e-03$
Value: Zymo

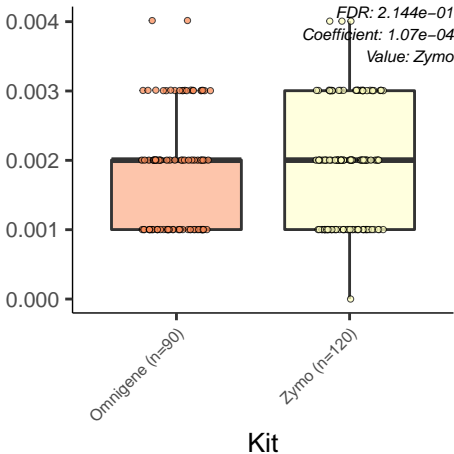
Omnigene (n=90)

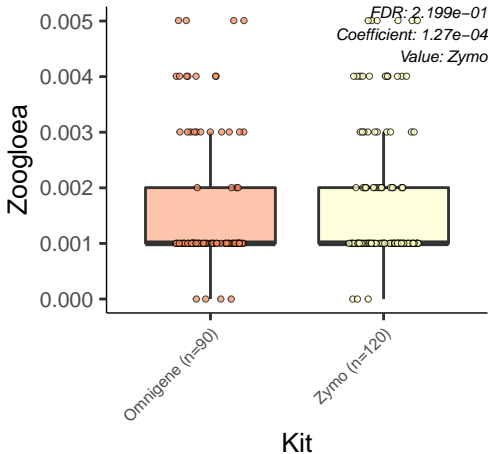
Zymo (n=120)

Kit

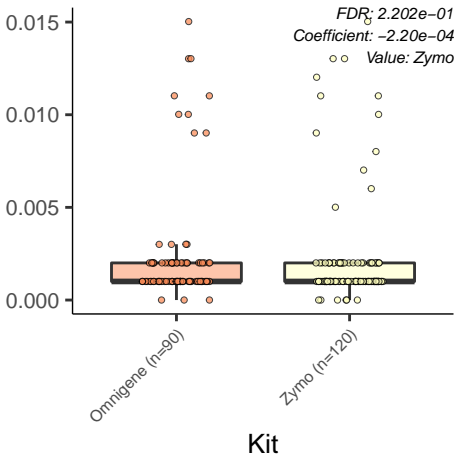


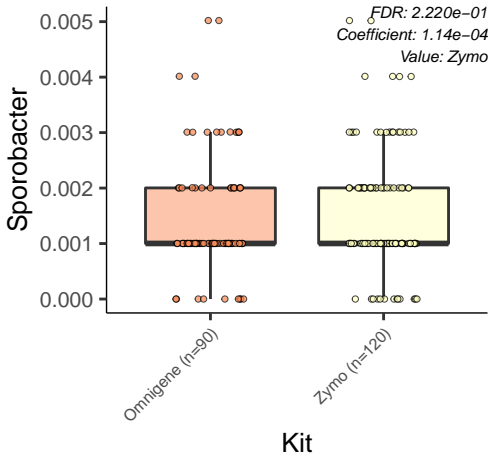
Fusobacterium

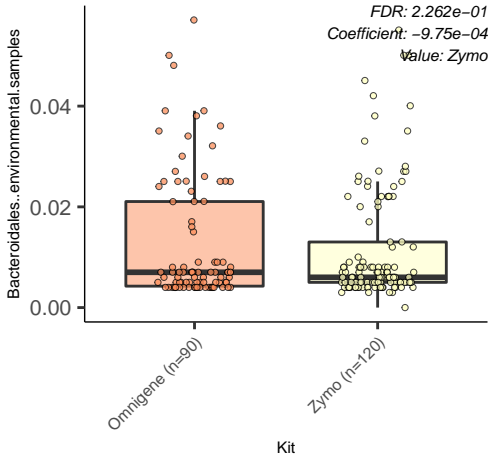




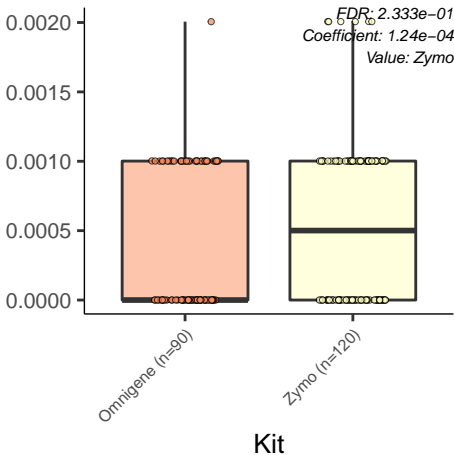
Dysgonomonas

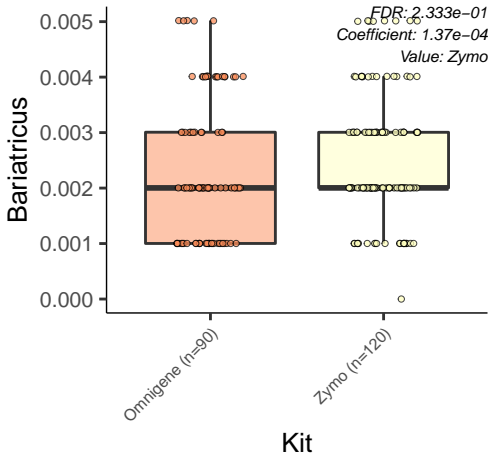


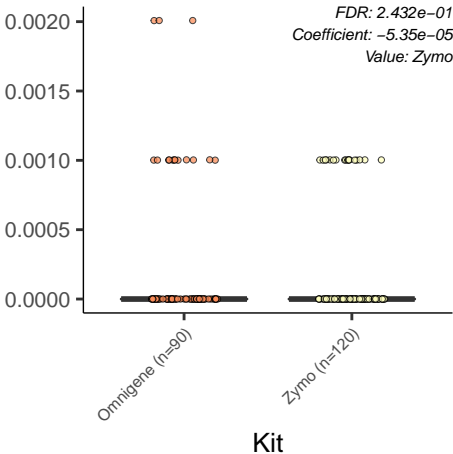




Terribacillus







Desulfotomaculum

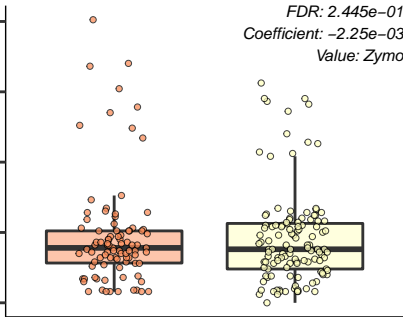
0.20
0.15
0.10
0.05
0.00

Omnigene (n=90)

Zymo (n=120)

Kit

FDR: 2.445e-01
Coefficient: -2.25e-03
Value: Zymo



unclassified.Acidimicrobiaceae

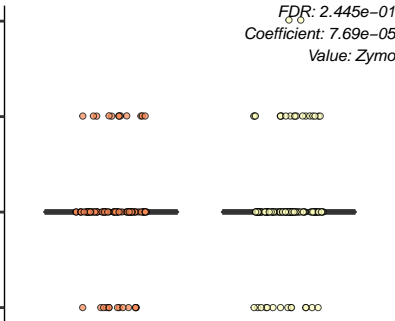
0.003
0.002
0.001
0.000

FDR: 2.445e-01
Coefficient: 7.69e-05
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit



Rhodobacter

0.0020
0.0015
0.0010
0.0005
0.0000

FDR: 2.488e-01
Coefficient: 4.67e-05
Value: Zymo

Omnigene (n=90)

Zymo (n=120)

Kit

