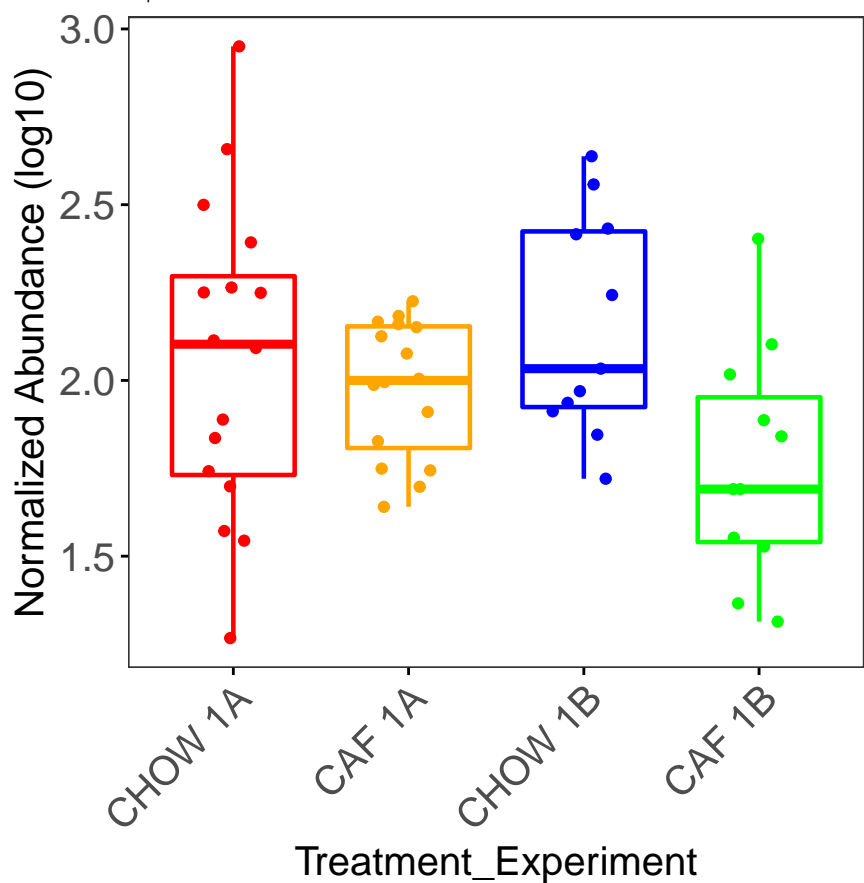
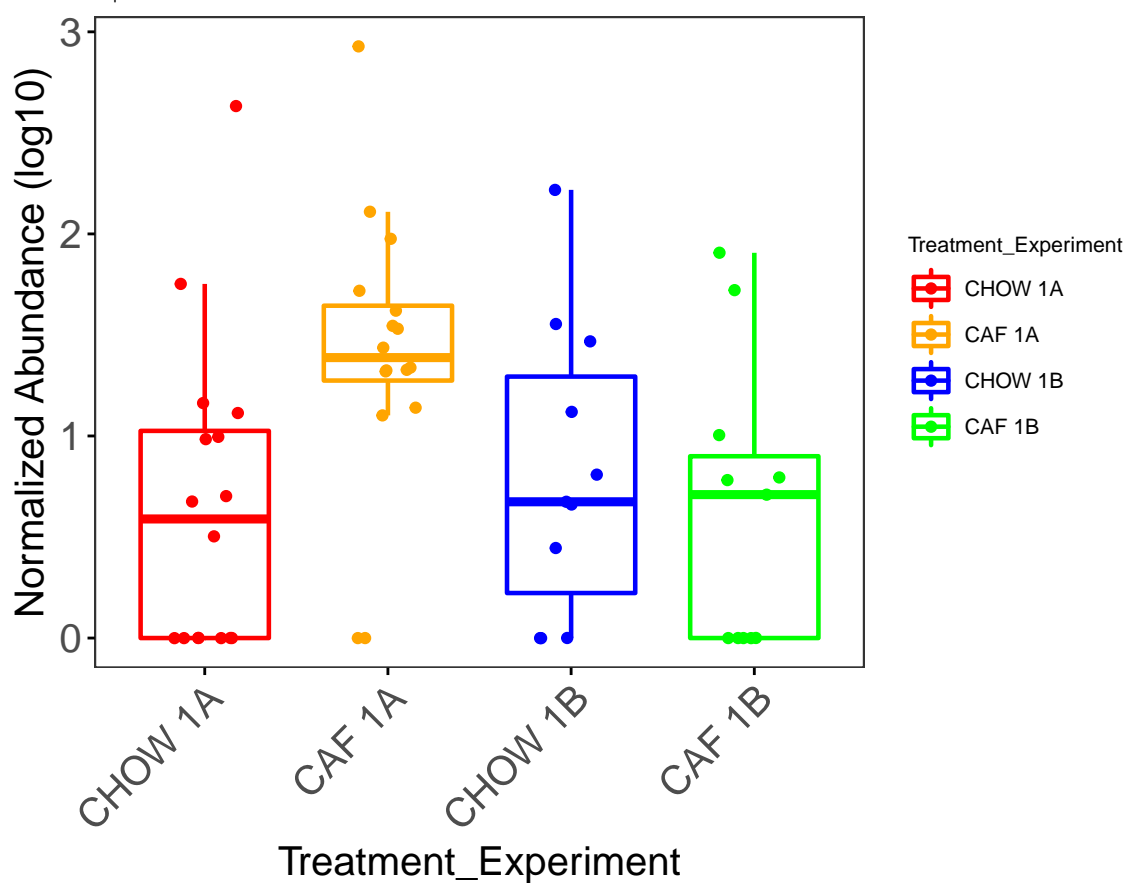


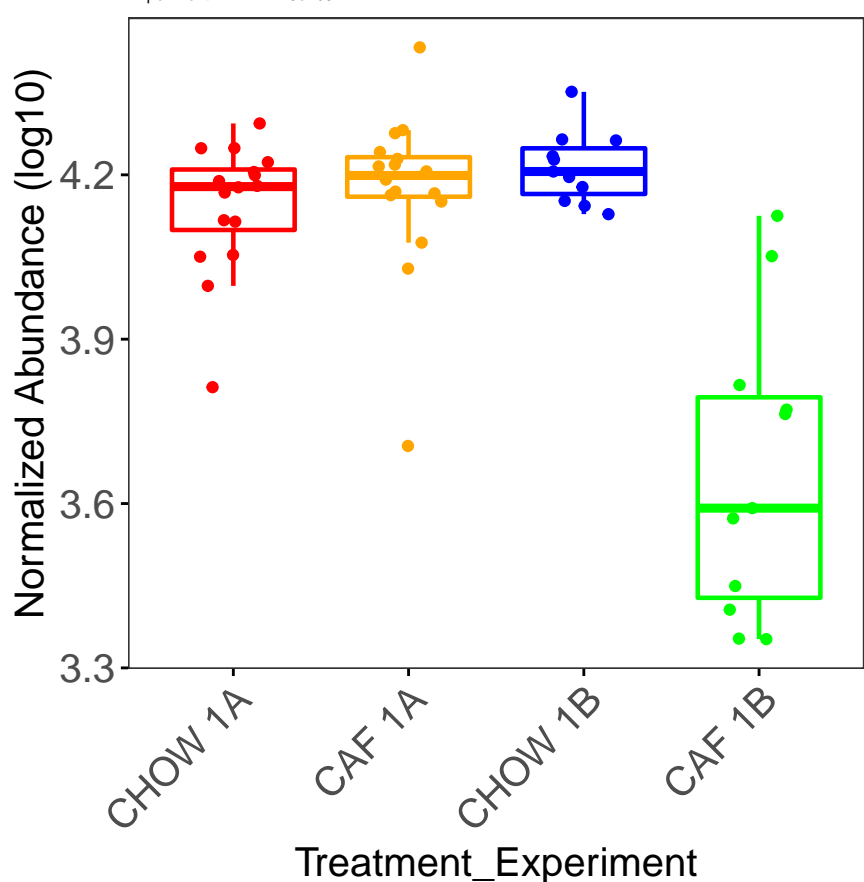
Proteobacteria.D.2_Deltaproteobacteria
Experiment 1A FDR = 0.94017
Experiment 1B FDR = 0.01562



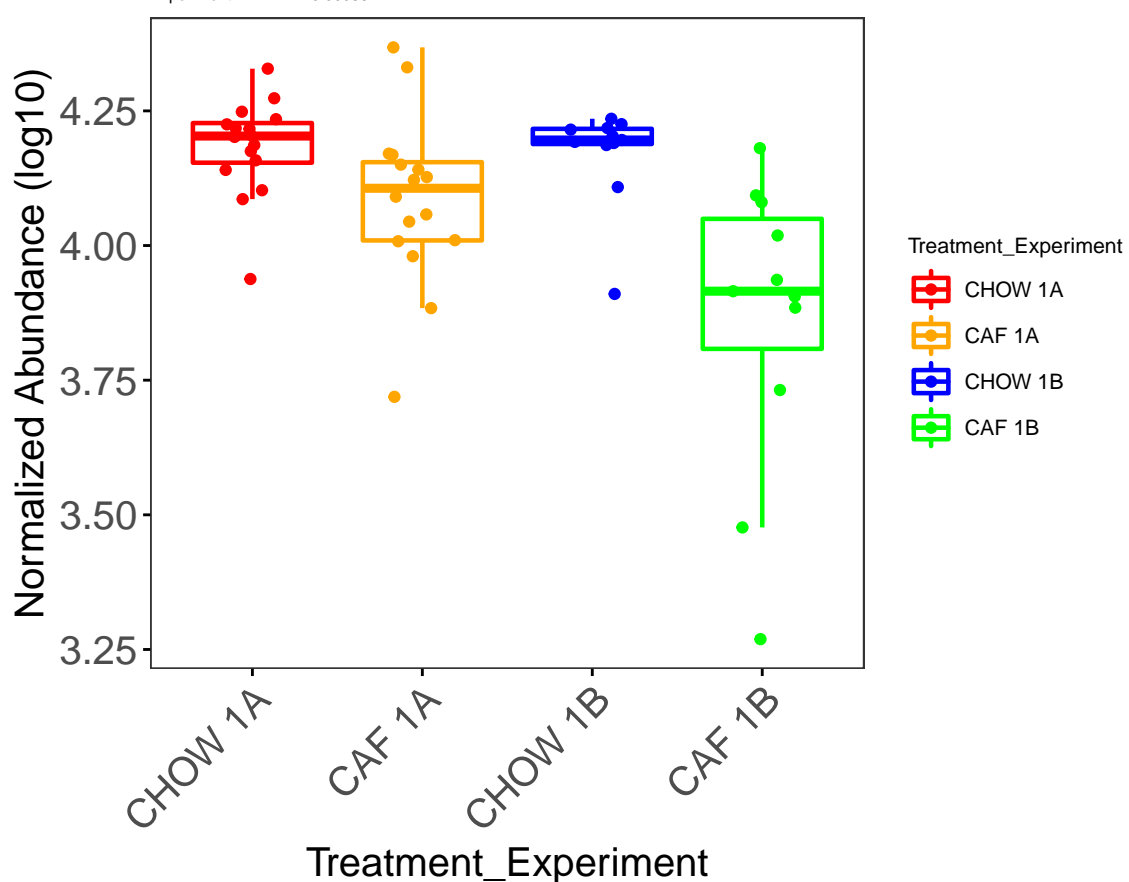
Firmicutes._
Experiment 1A FDR = 0.06016
Experiment 1B FDR = 0.65769



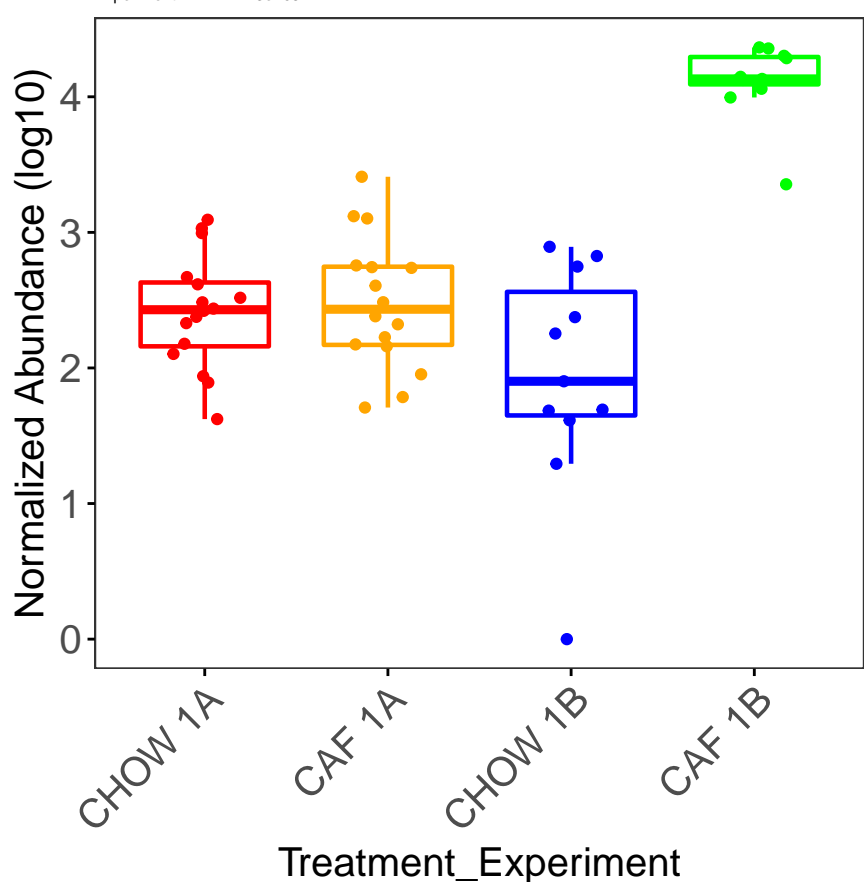
Firmicutes.D.2_Clostridia.D.3_Clostridiales
Experiment 1A FDR = 0.79648
Experiment 1B FDR = 3e-05



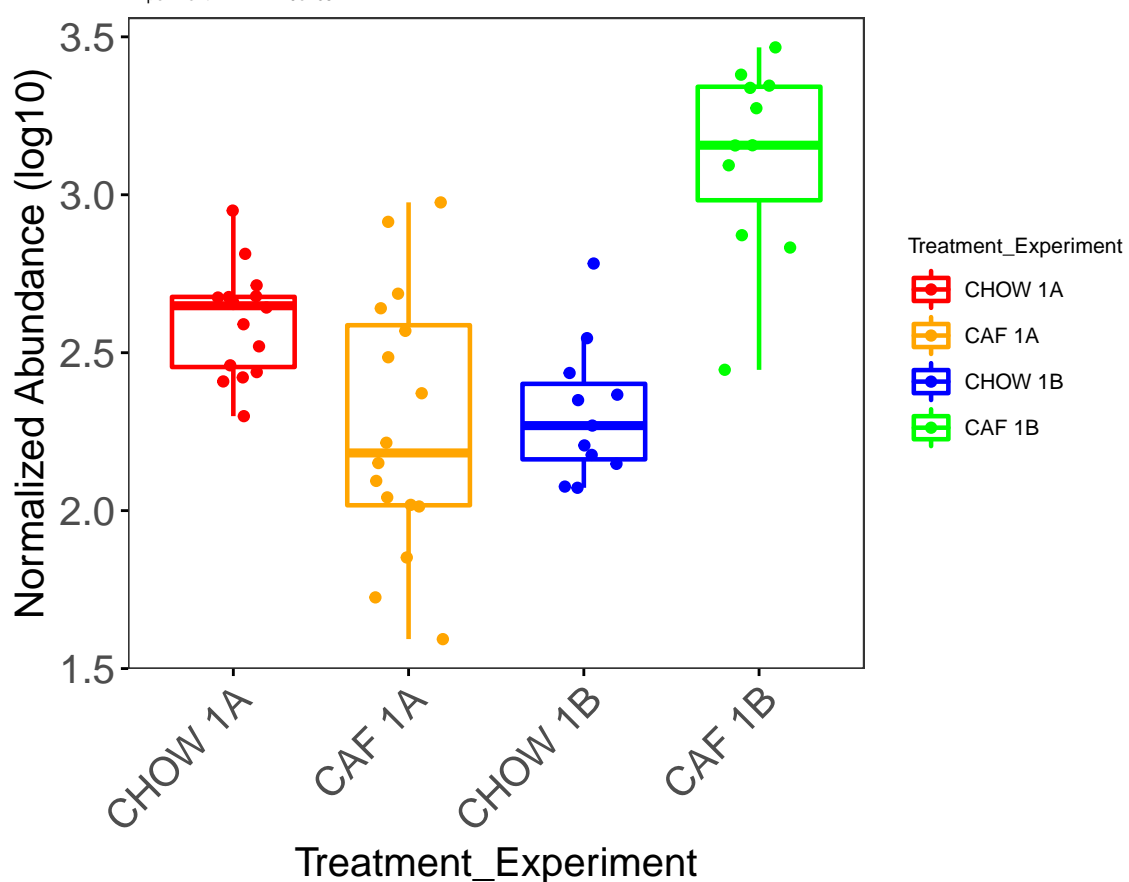
Bacteroidetes.D.2_Bacteroidia.D.3_Bacteroidales
Experiment 1A FDR = 0.10397
Experiment 1B FDR = 0.00059



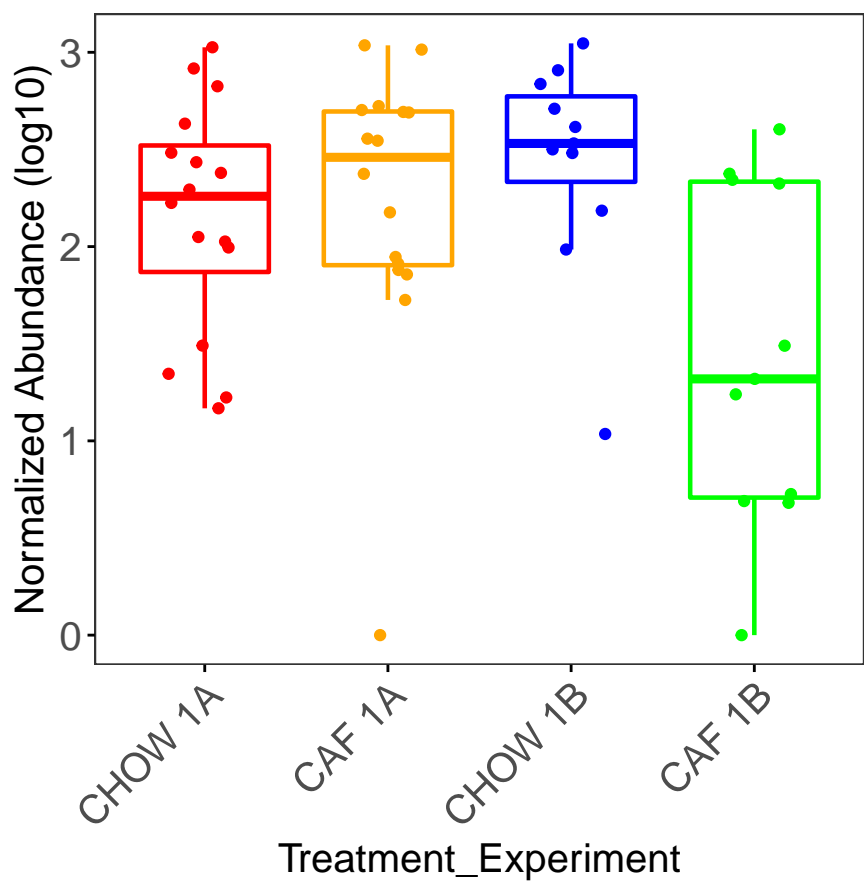
Firmicutes.D.2_Erysipelotrichia.D.3_Erysipelotrichales
Experiment 1A FDR = 0.86662
Experiment 1B FDR = 3e-05



Proteobacteria.D.2_Gammaproteobacteria.D.3_Betaproteobacteriales
Experiment 1A FDR = 0.10397
Experiment 1B FDR = 9e-05

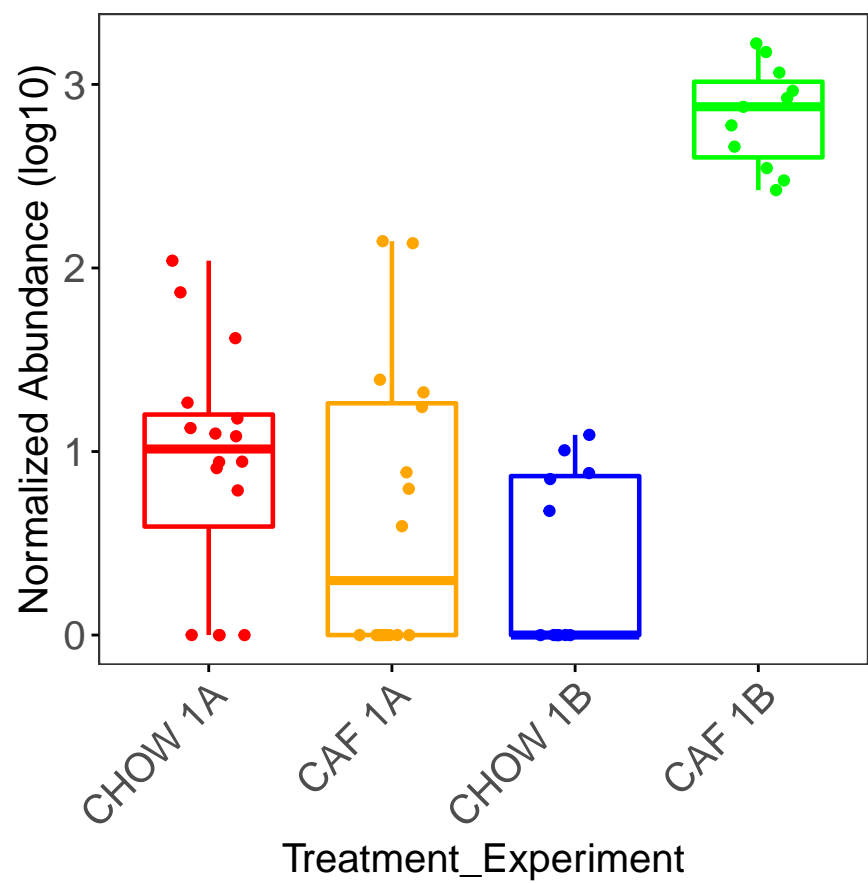


Tenericutes.D.2__Mollicutes.D.3__Mollicutes RF39
Experiment 1A FDR = 0.79767
Experiment 1B FDR = 0.01348



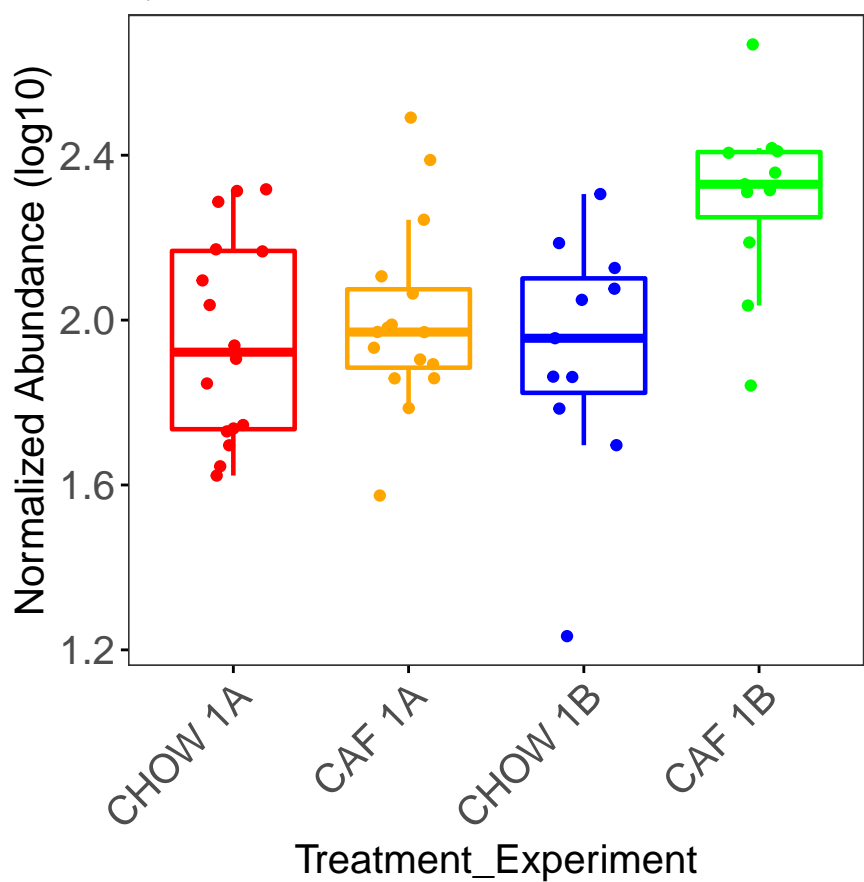
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2__Actinobacteria.D.3__Bifidobacteriales
Experiment 1A FDR = 0.79648
Experiment 1B FDR = 4e-04



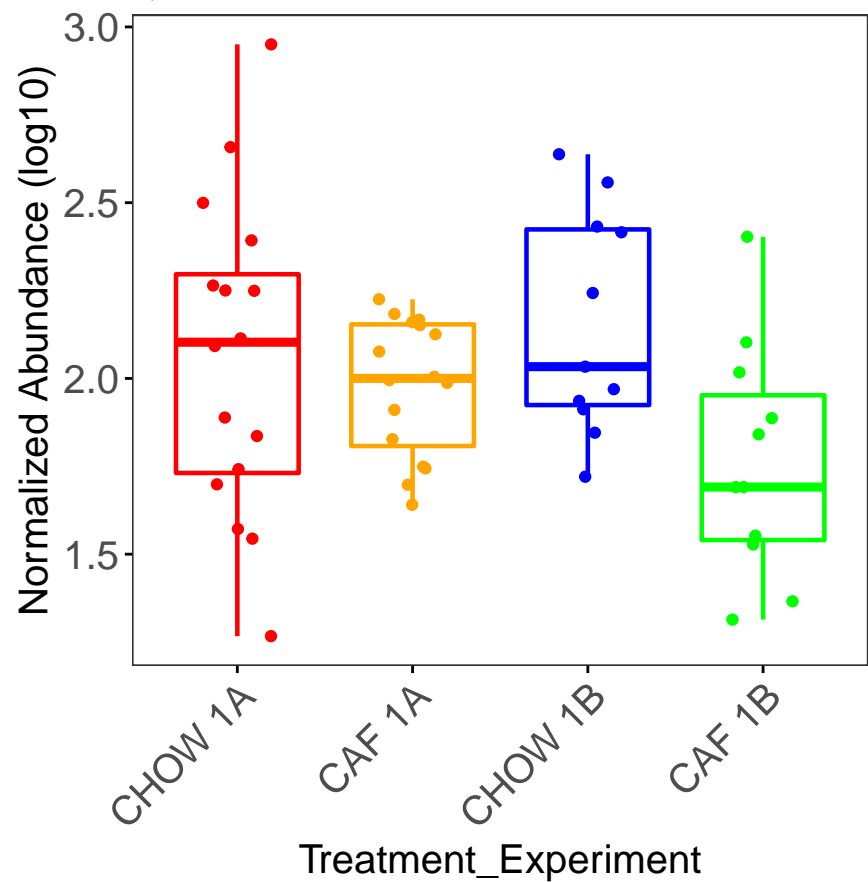
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales
Experiment 1A FDR = 0.79767
Experiment 1B FDR = 0.00537



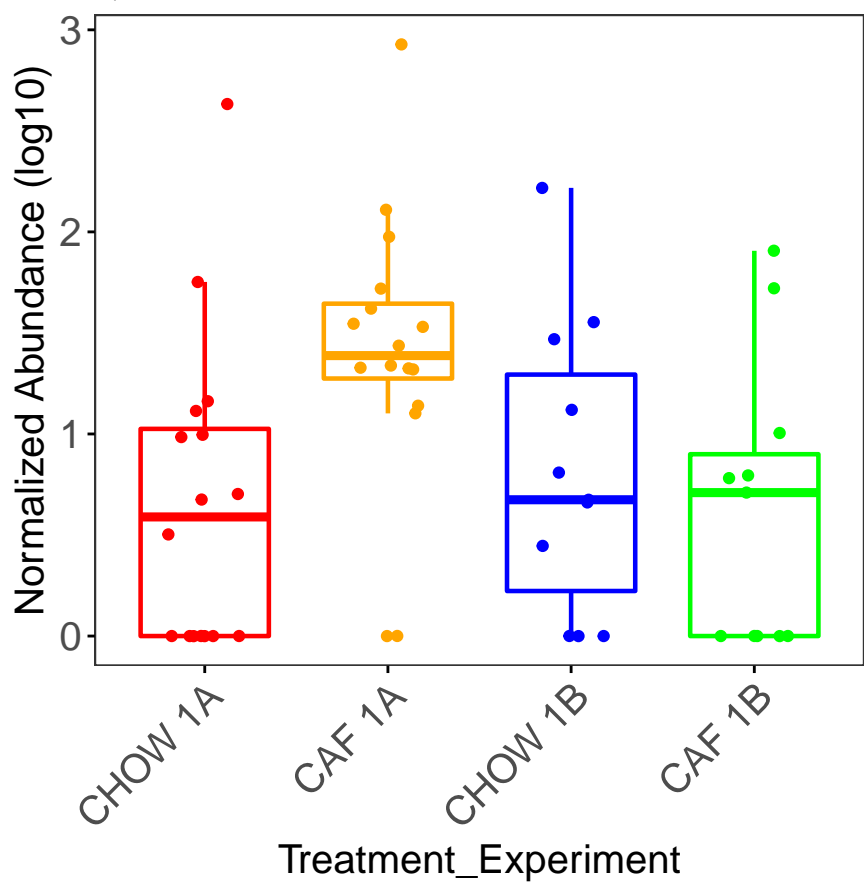
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Proteobacteria.D.2__Deltaproteobacteria.D.3__Desulfovibrionales
Experiment 1A FDR = 0.79648
Experiment 1B FDR = 0.02395



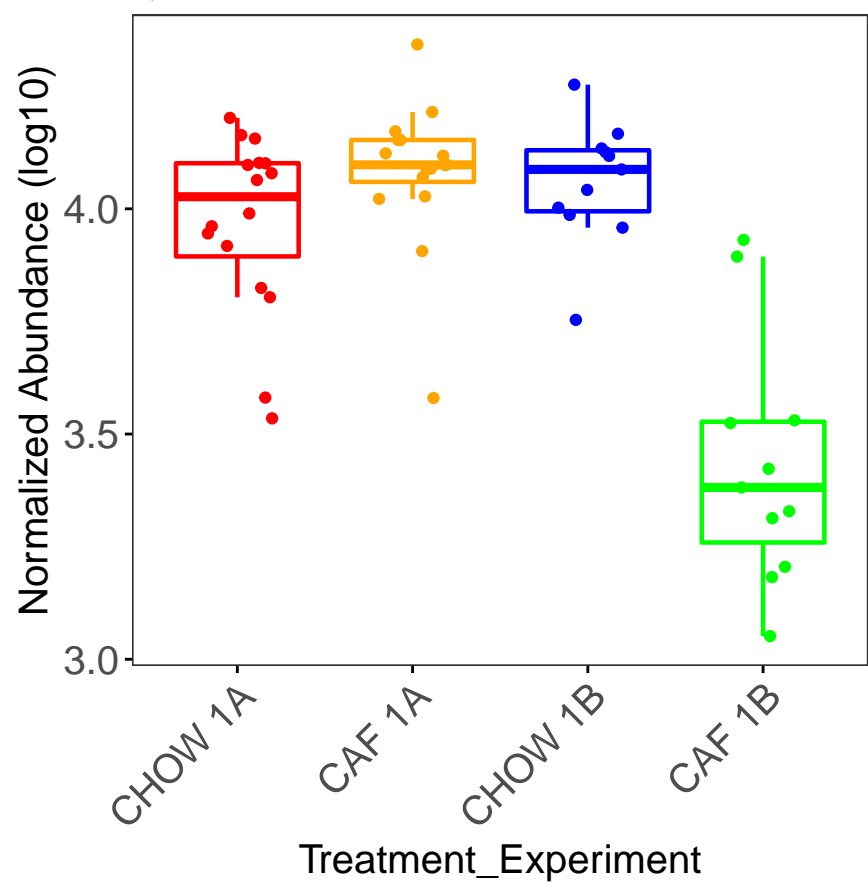
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes_____
Experiment 1A FDR = 0.09224
Experiment 1B FDR = 0.70592



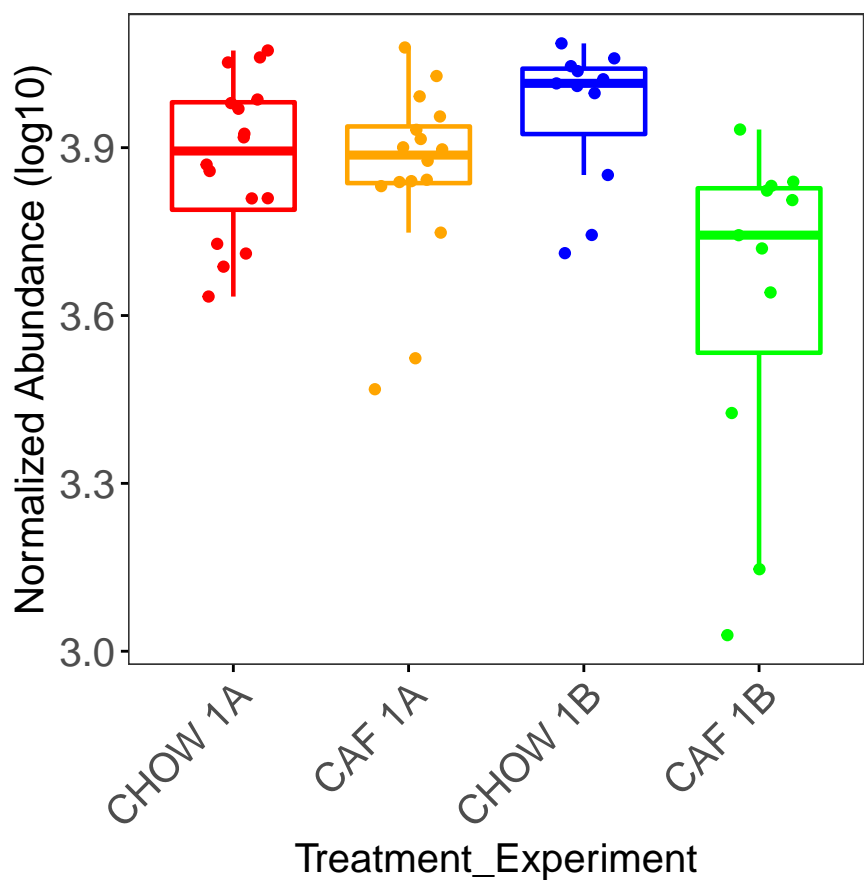
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae
Experiment 1A FDR = 0.63362
Experiment 1B FDR = 0.00014

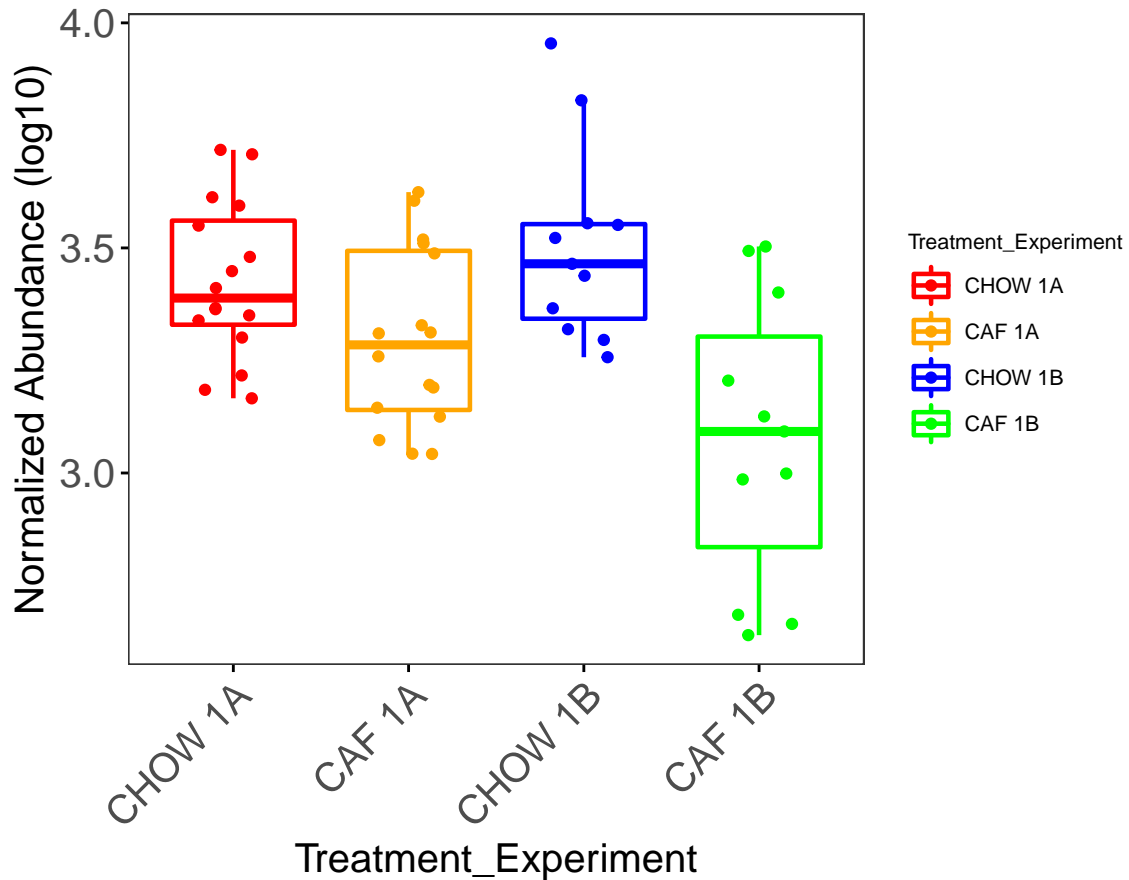


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

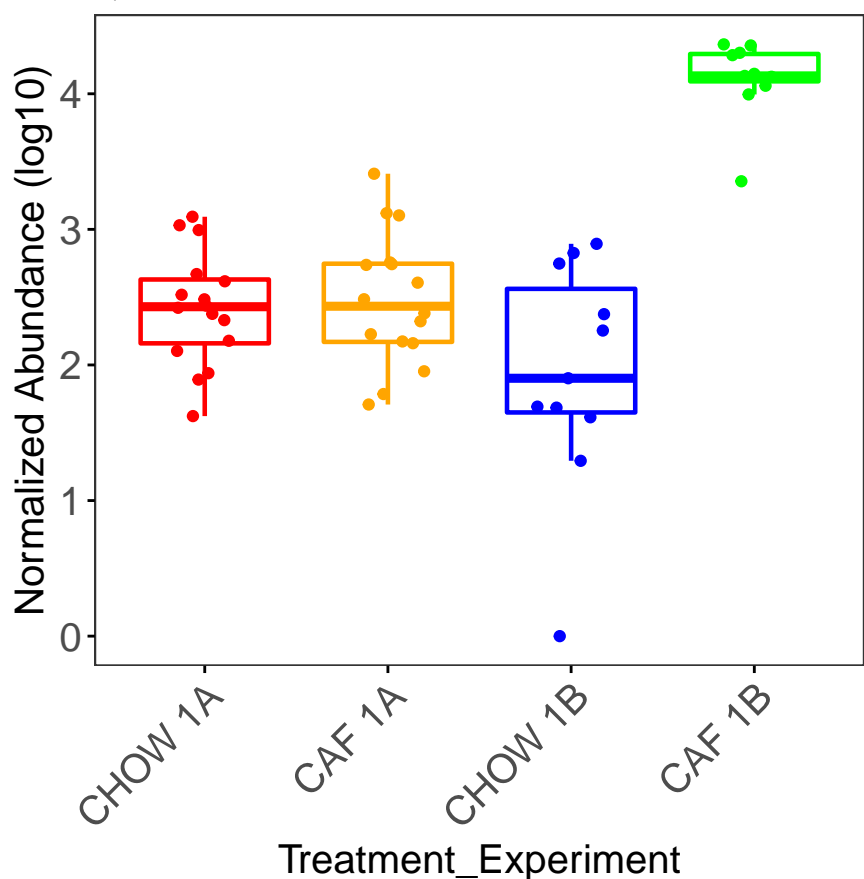
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Muribaculaceae
Experiment 1A FDR = 0.97188
Experiment 1B FDR = 0.00357



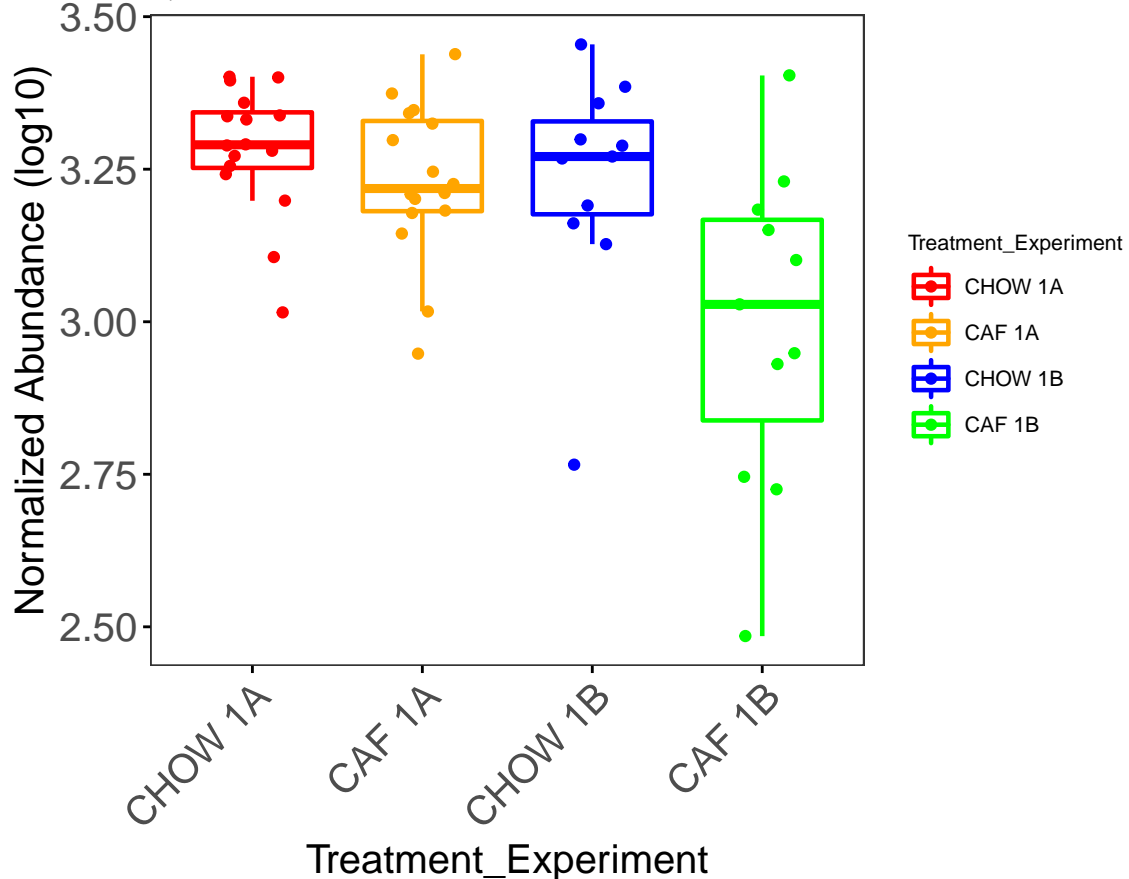
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae
Experiment 1A FDR = 0.46001
Experiment 1B FDR = 0.00734



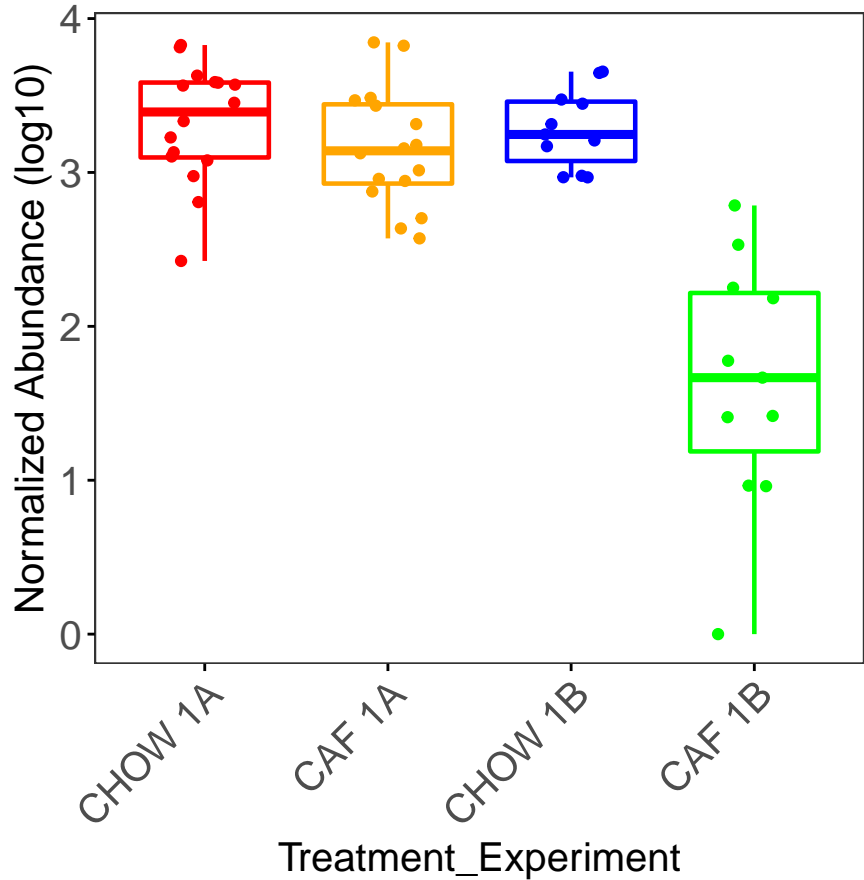
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae
Experiment 1A FDR = 0.9653
Experiment 1B FDR = 7e-05



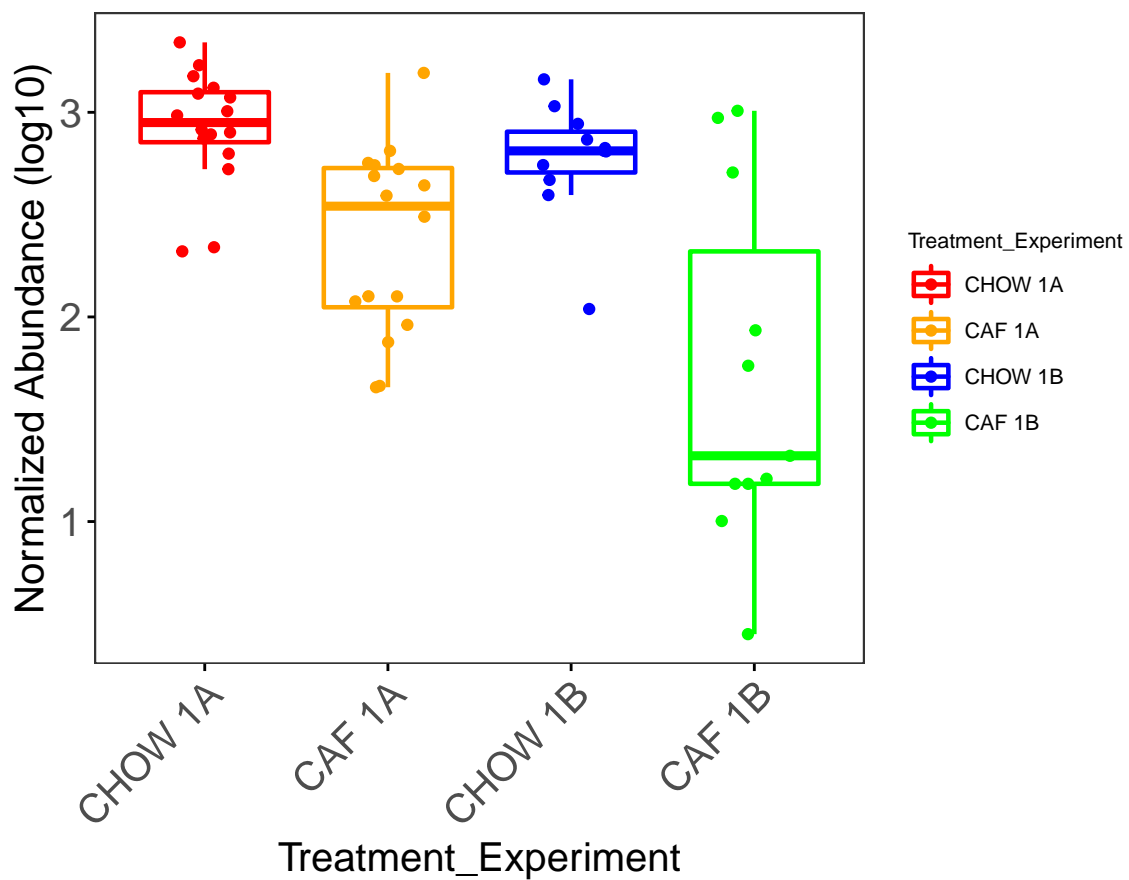
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.___
Experiment 1A FDR = 0.67159
Experiment 1B FDR = 0.02934



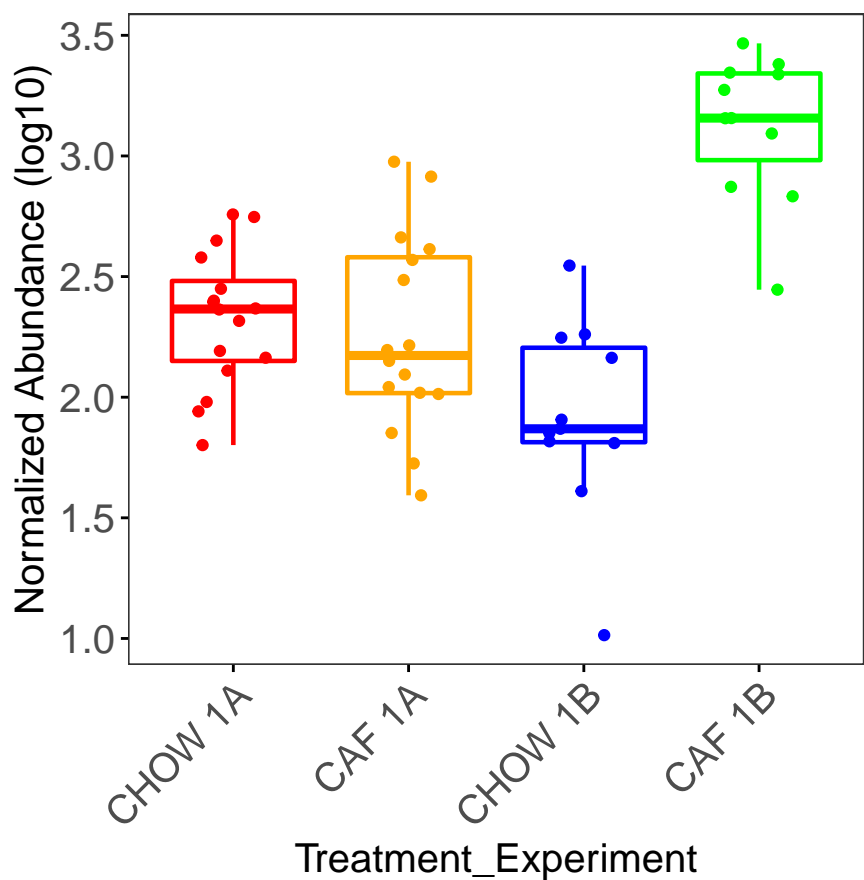
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae
Experiment 1A FDR = 0.67159
Experiment 1B FDR = 7e-05



Firmicutes.D.2__Clostridia.D.3__Clostridiales.___
Experiment 1A FDR = 0.00549
Experiment 1B FDR = 0.02104

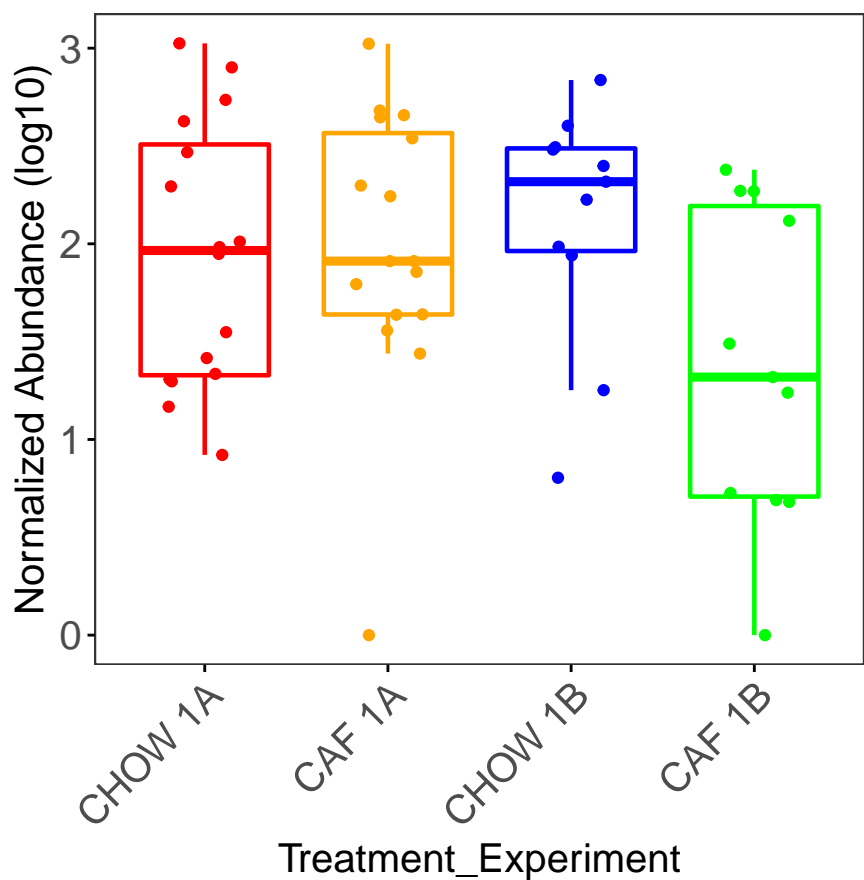


Proteobacteria.D.2_Gammaproteobacteria.D.3_Betaproteobacteriales.D.4_Burkholderiaceae
Experiment 1A FDR = 0.82051
Experiment 1B FDR = 9e-05



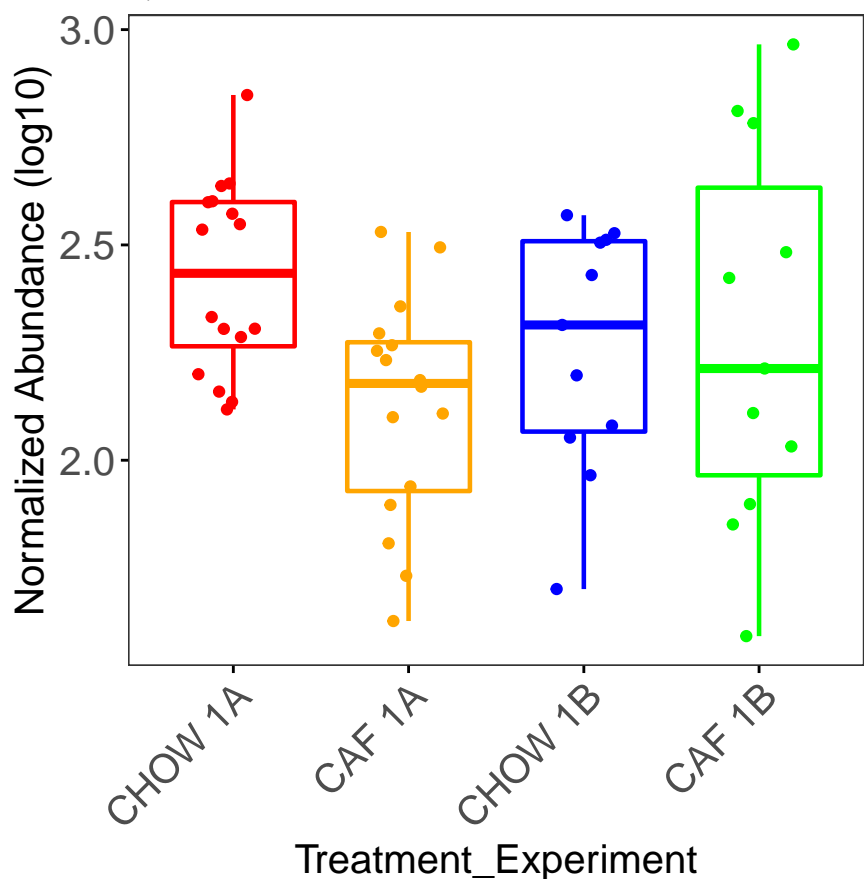
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Tenericutes.D.2_Mollicutes.D.3_Mollicutes RF39...
Experiment 1A FDR = 0.85856
Experiment 1B FDR = 0.04013



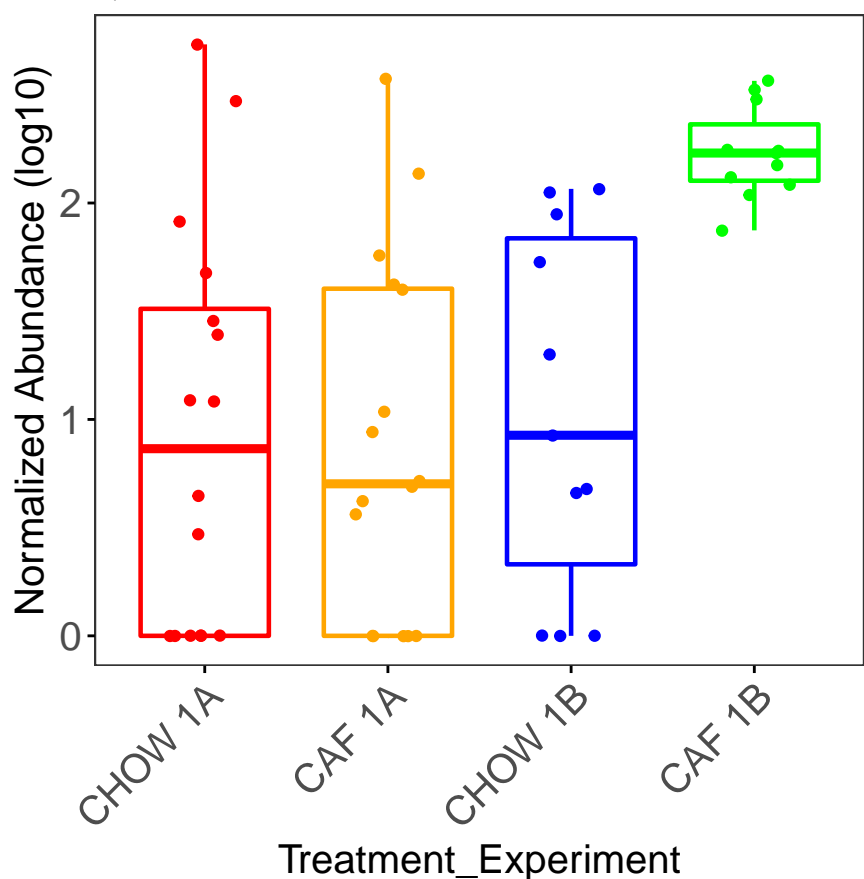
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2_Bacteroidia.D.3_Bacteroidales.D.4_Tannerellaceae
Experiment 1A FDR = 0.02683
Experiment 1B FDR = 0.94873



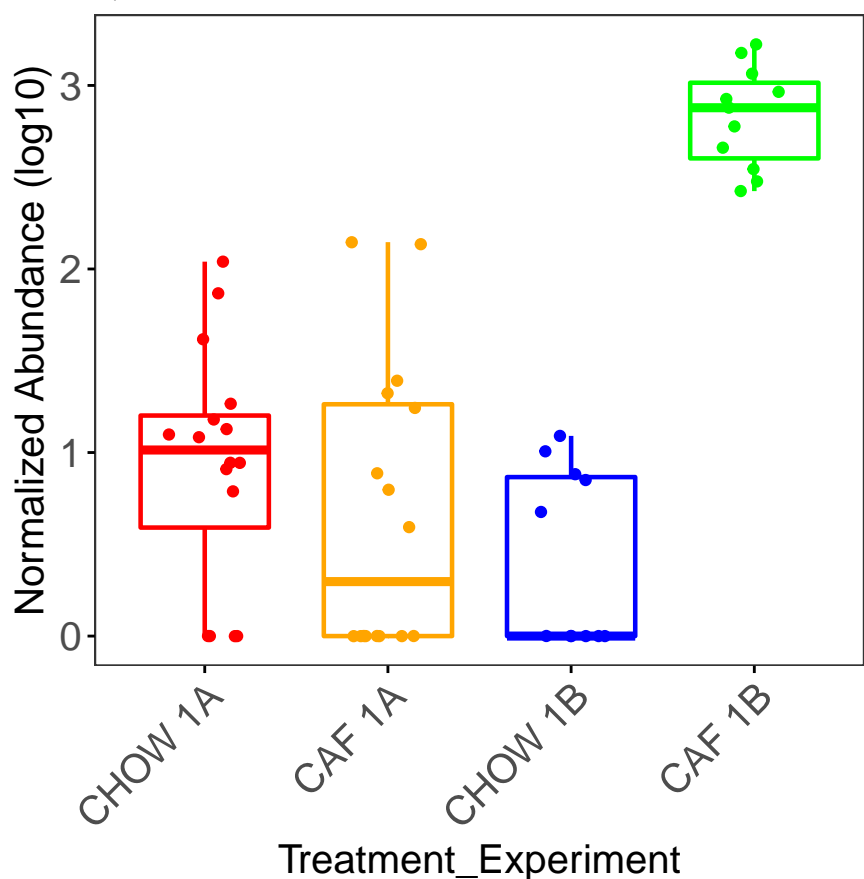
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2_Clostridia.D.3_Clostridiales.D.4_Peptostreptococaceae
Experiment 1A FDR = 1
Experiment 1B FDR = 0.0016



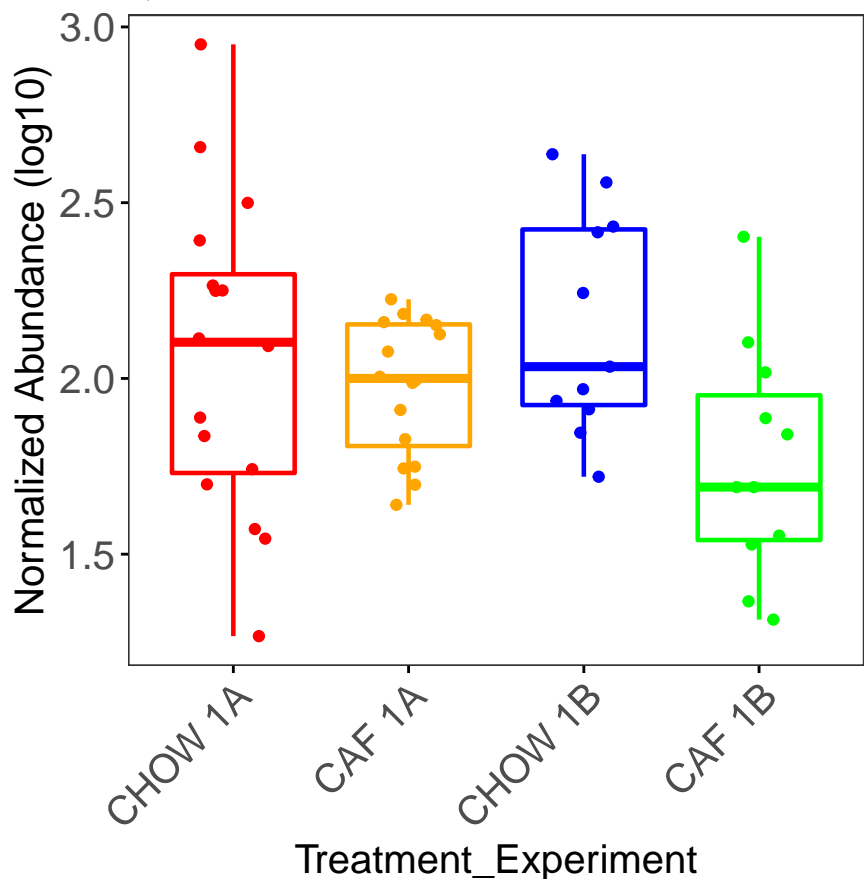
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2_Actinobacteria.D.3_Bifidobacteriales.D.4_Bifidobacteriaceae
Experiment 1A FDR = 0.72505
Experiment 1B FDR = 0.00041



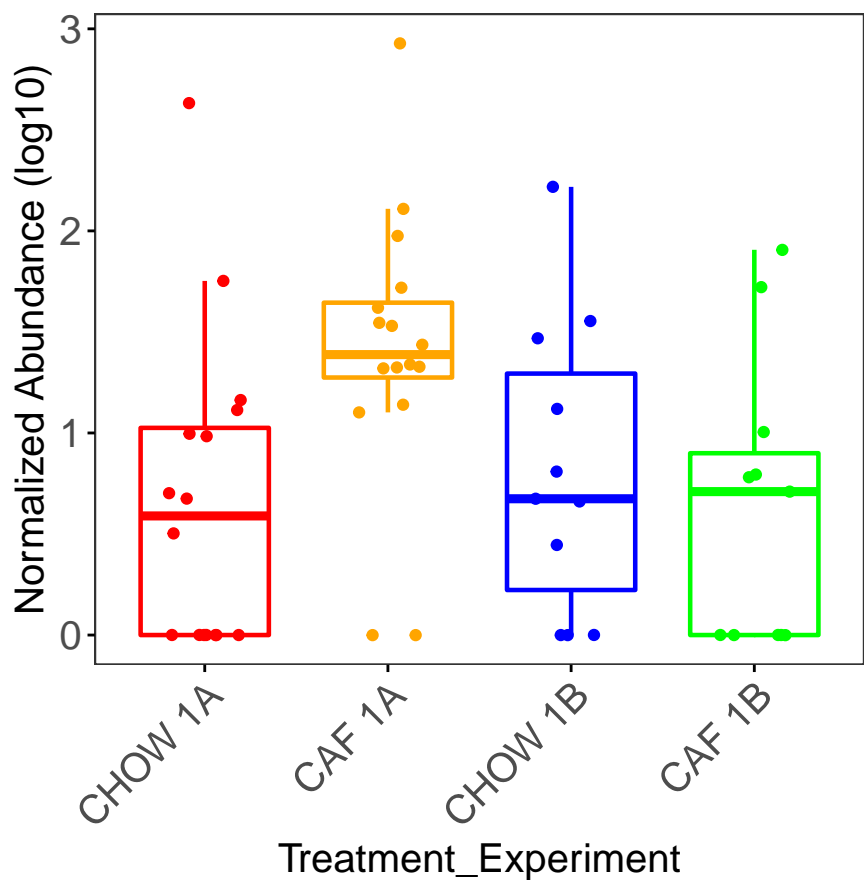
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Proteobacteria.D.2_Deltaproteobacteria.D.3_Desulfuovibrionales.D.4_Desulfuovibrionaceae
Experiment 1A FDR = 0.8043
Experiment 1B FDR = 0.02104

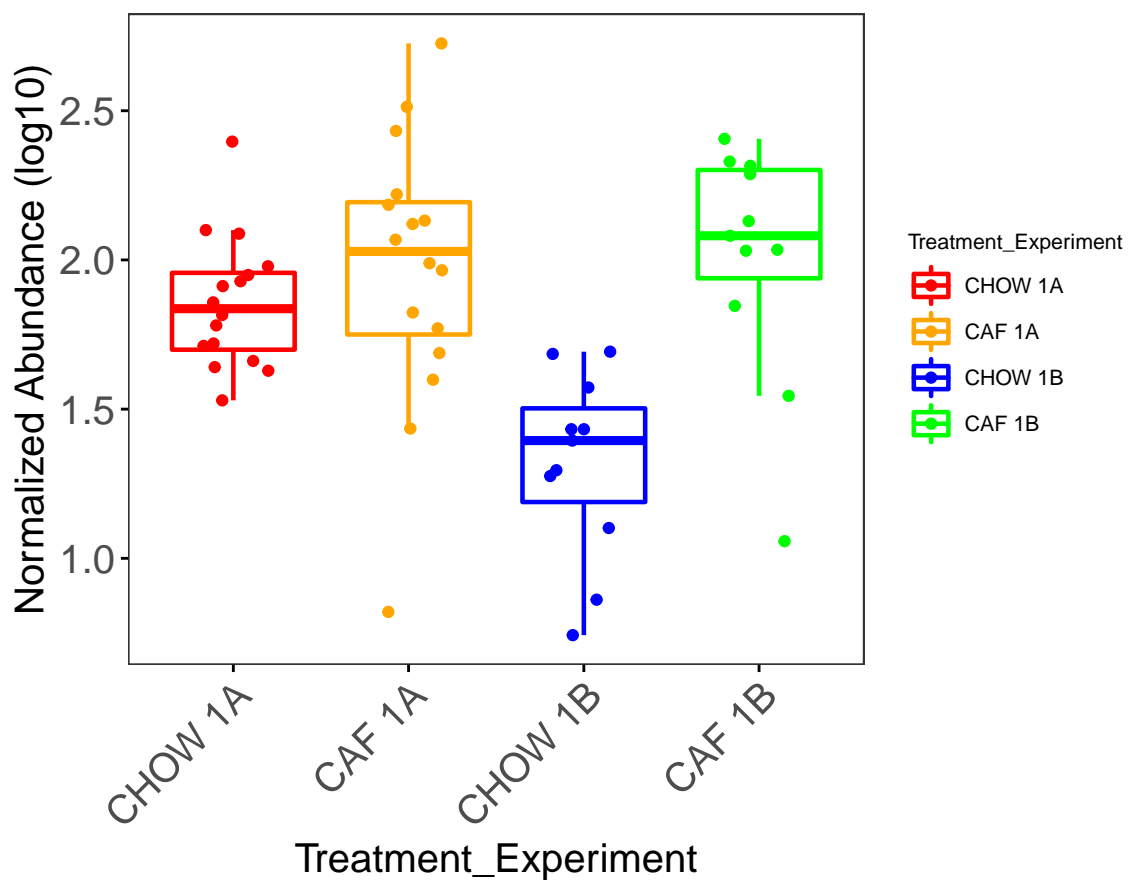


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

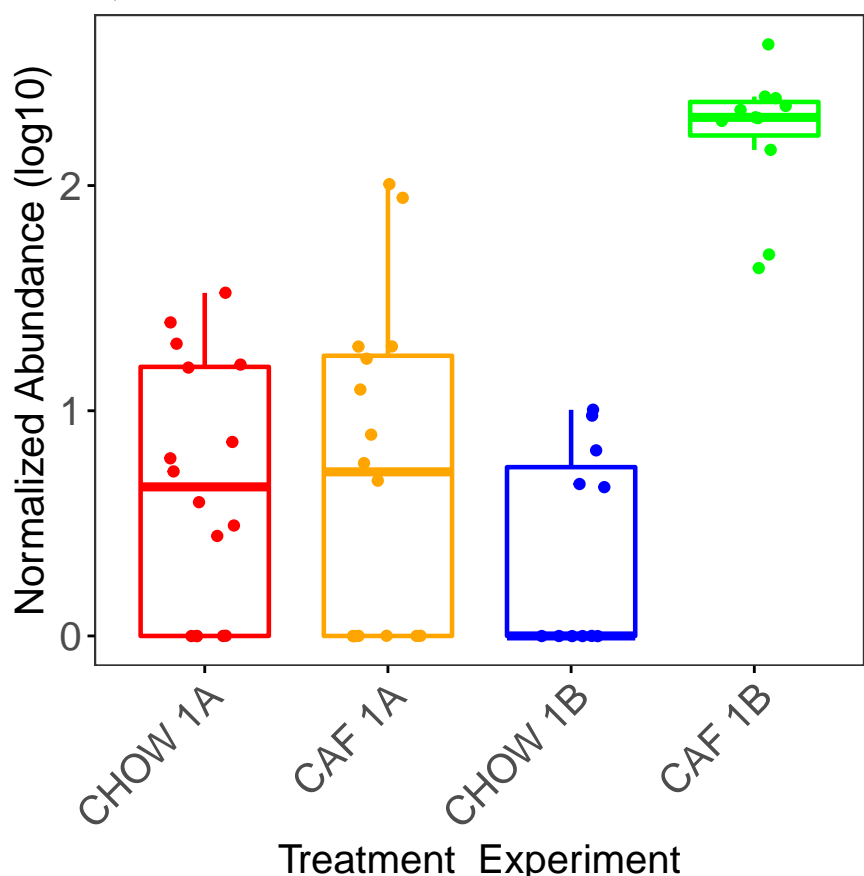
Firmicutes
Experiment 1A FDR = 0.04813
Experiment 1B FDR = 0.73661



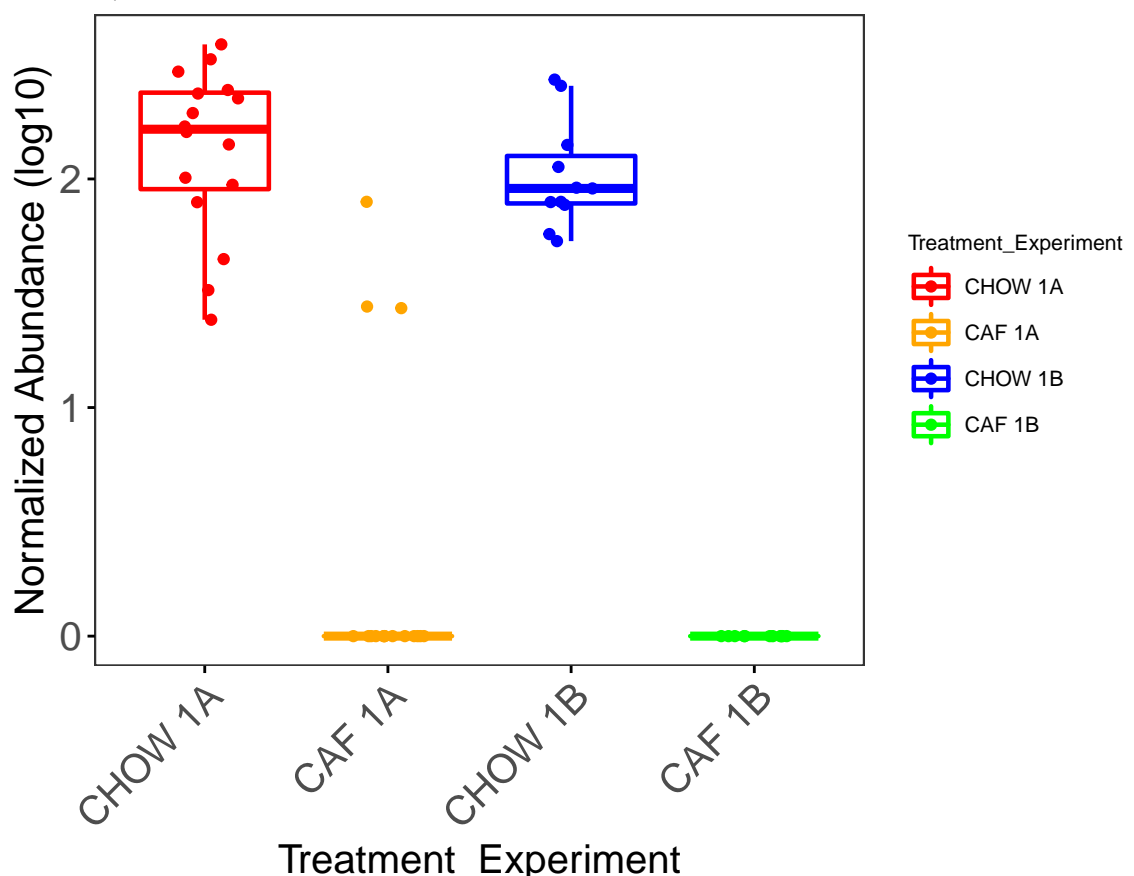
Firmicutes.D.2__Bacilli.D.3__Lactobacillales.D.4__Streptococaceae
Experiment 1A FDR = 0.67159
Experiment 1B FDR = 0.00306



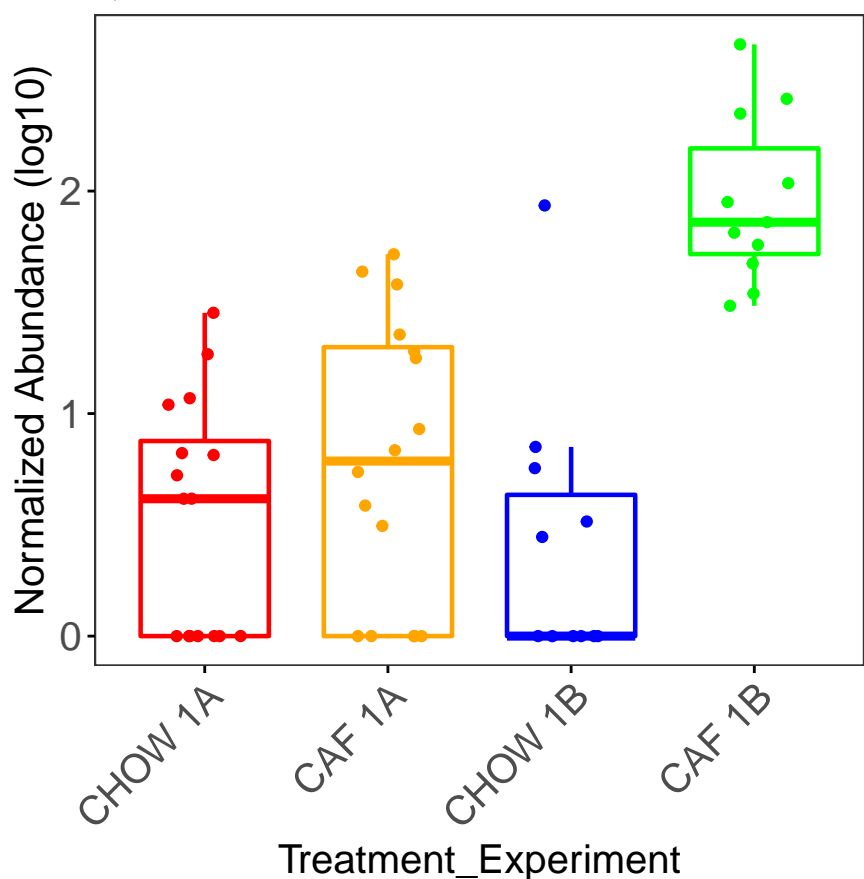
Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__Atopobiaceae
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00041



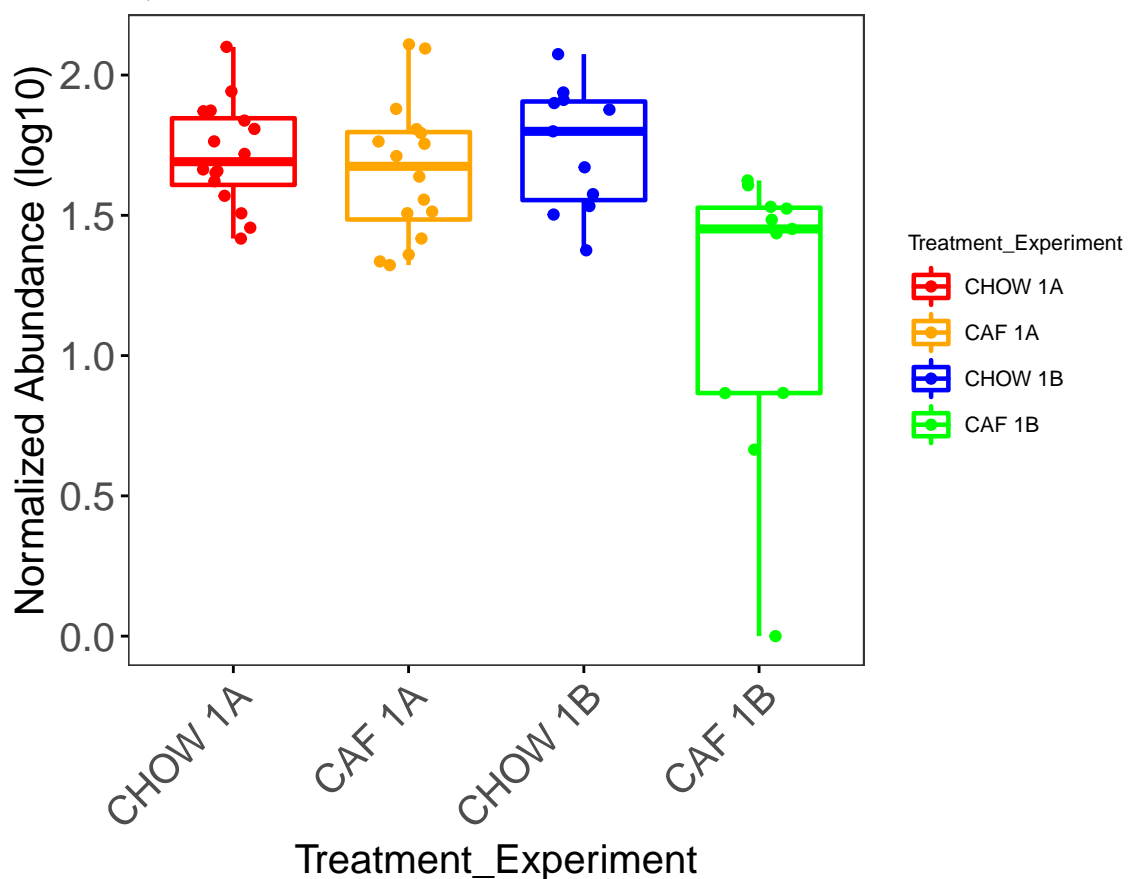
Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales
Experiment 1A FDR = 1e-04
Experiment 1B FDR = 2e-04



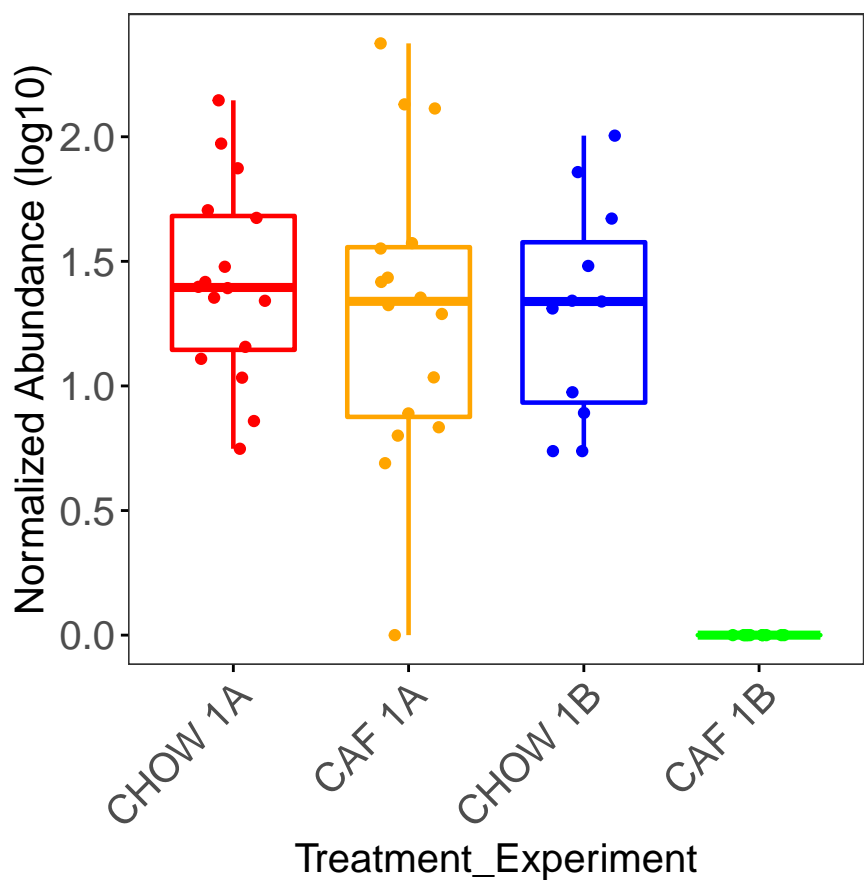
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Clostridiaceae 1
Experiment 1A FDR = 0.69739
Experiment 1B FDR = 0.00164



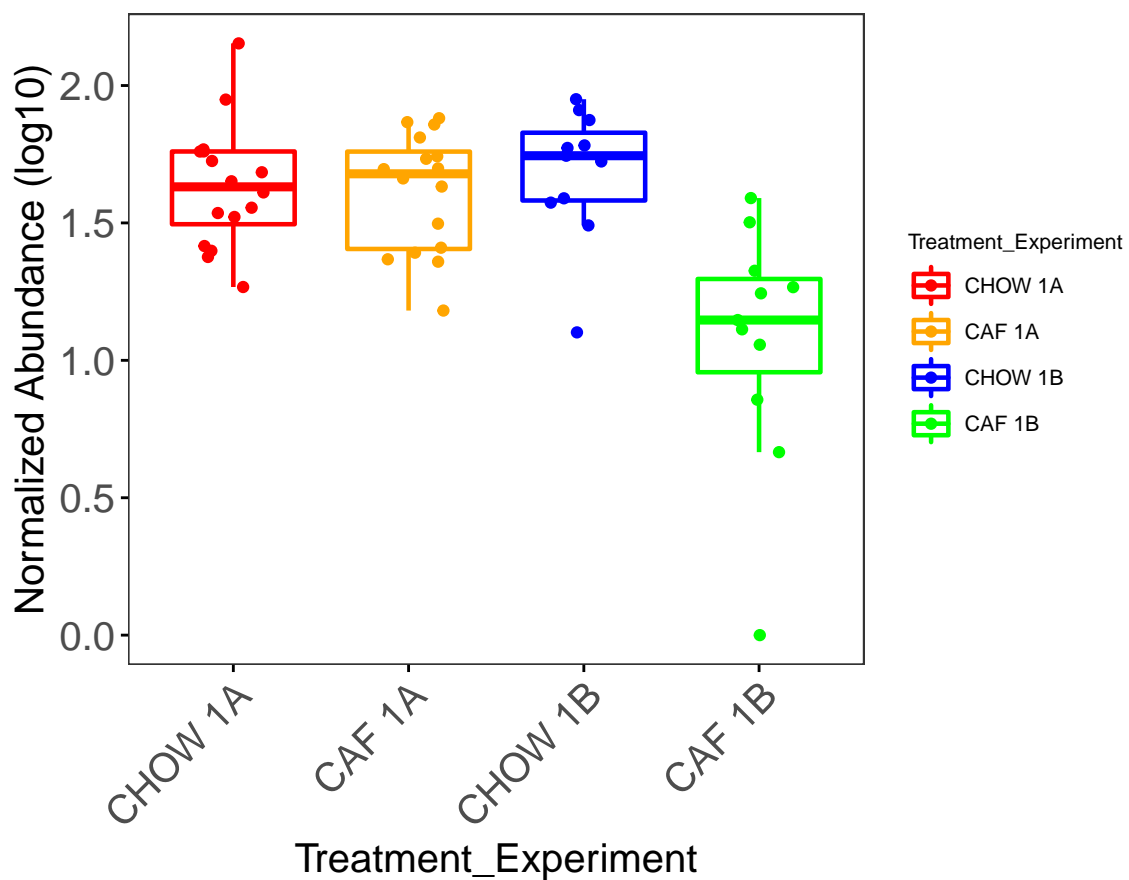
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Family XIII
Experiment 1A FDR = 0.75204
Experiment 1B FDR = 0.00595



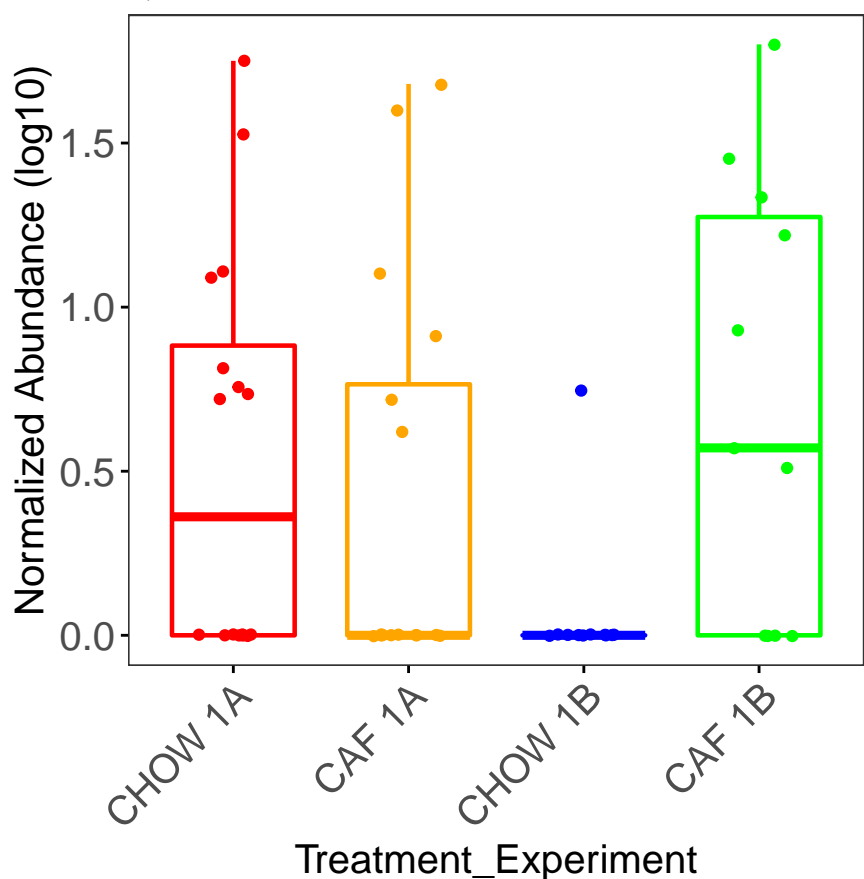
Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__uncultured
Experiment 1A FDR = 0.82051
Experiment 1B FDR = 2e-04



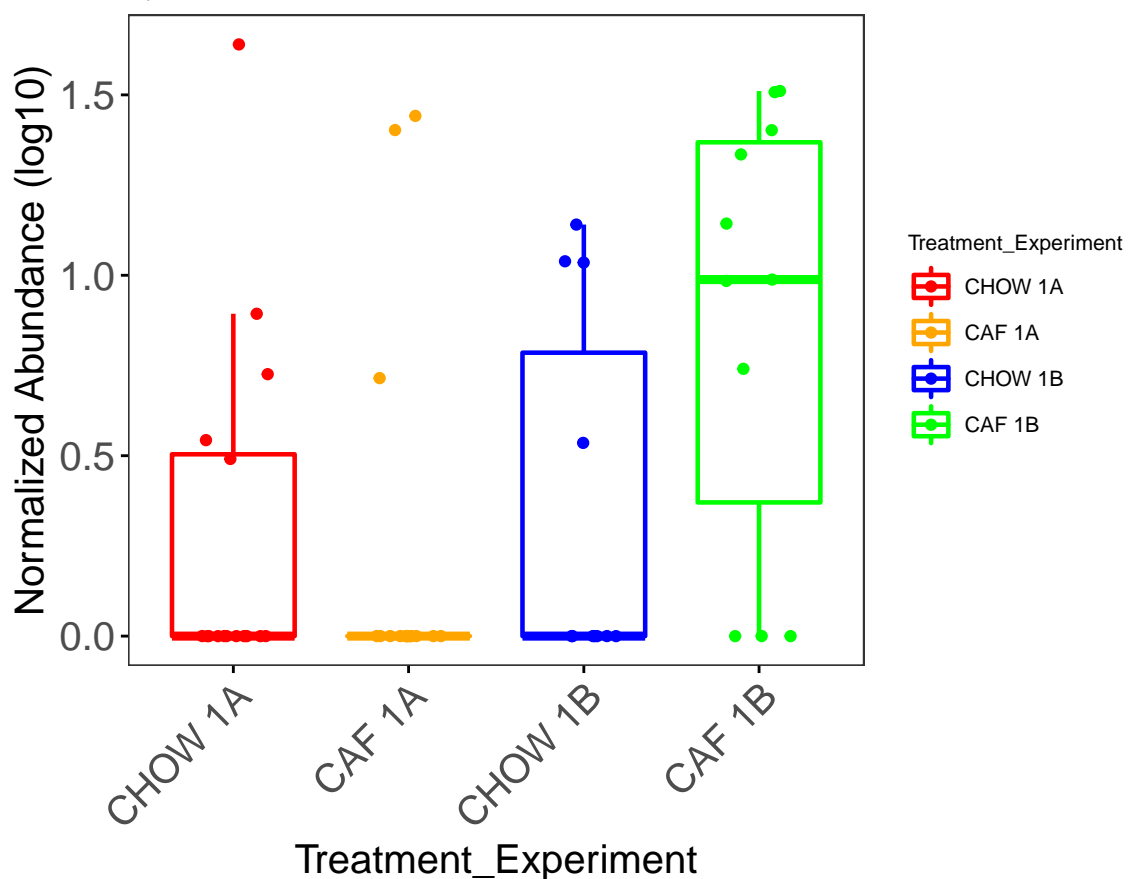
Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__Eggerthellaceae
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00241



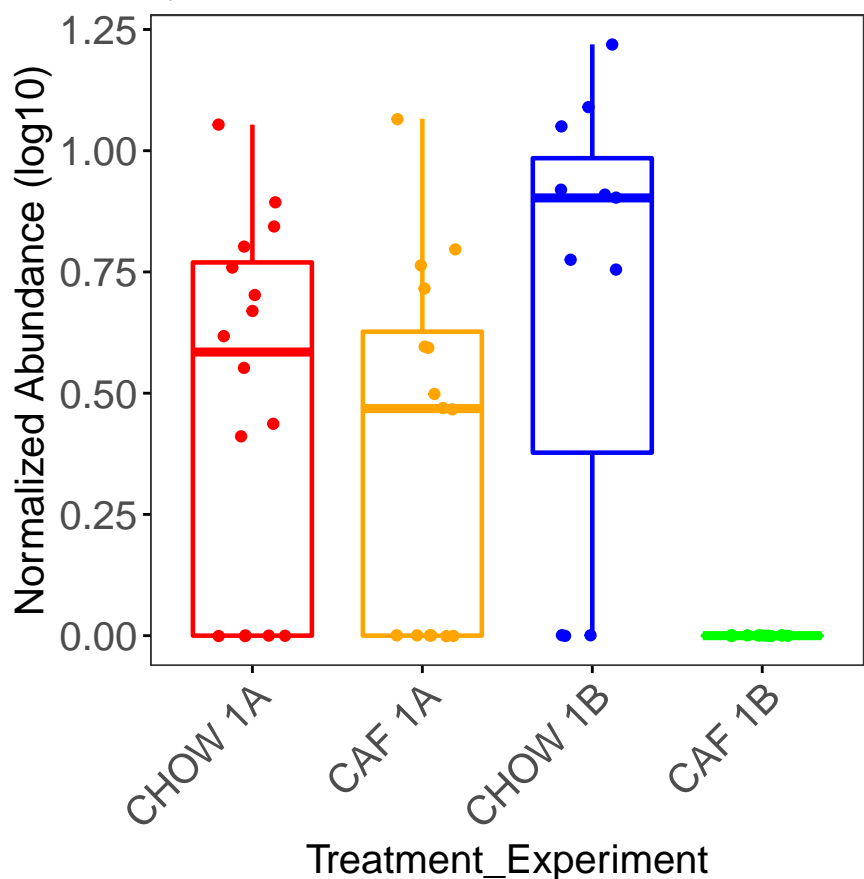
Cyanobacteria.D.2__Melainabacteria.D.3__Gastranaerophilales__
Experiment 1A FDR = 0.8043
Experiment 1B FDR = 0.02304



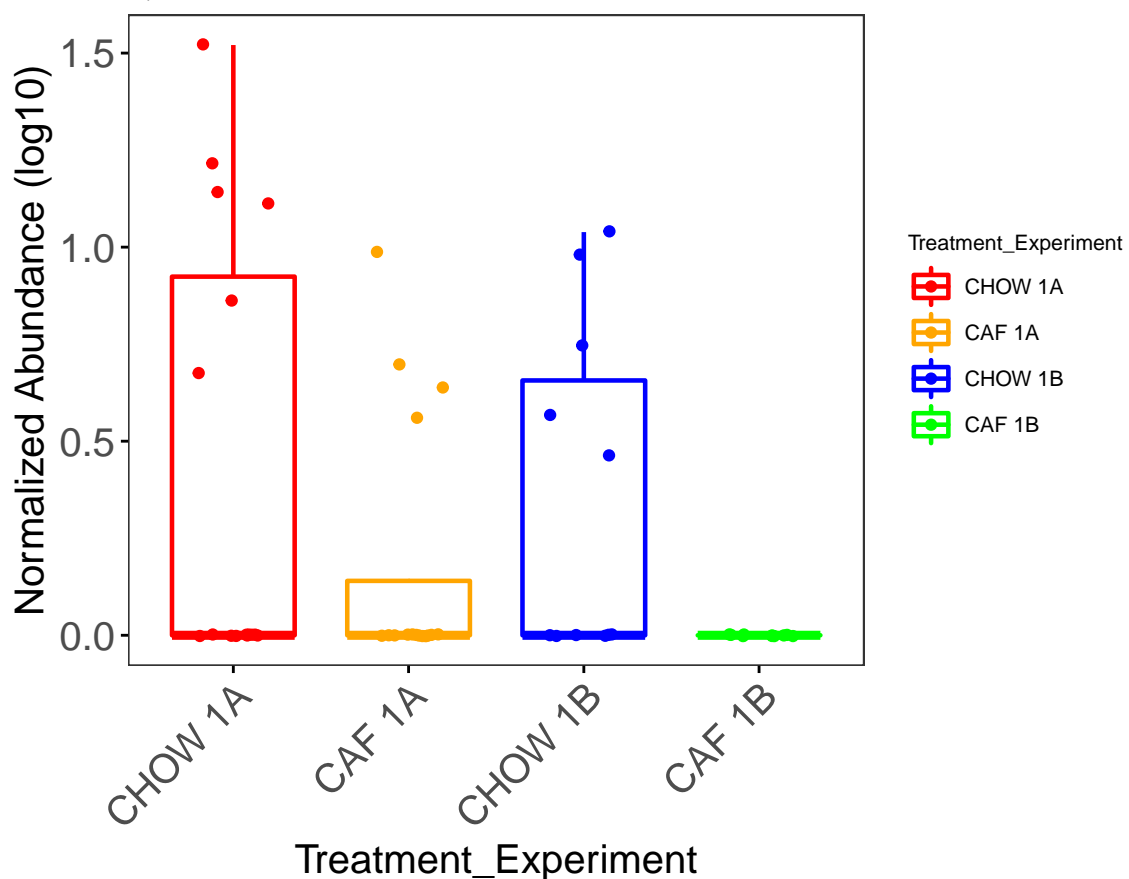
Proteobacteria.D.2__Alphaproteobacteria.D.3__Rhodospirillales.D.4__uncultured
Experiment 1A FDR = 0.8043
Experiment 1B FDR = 0.09877



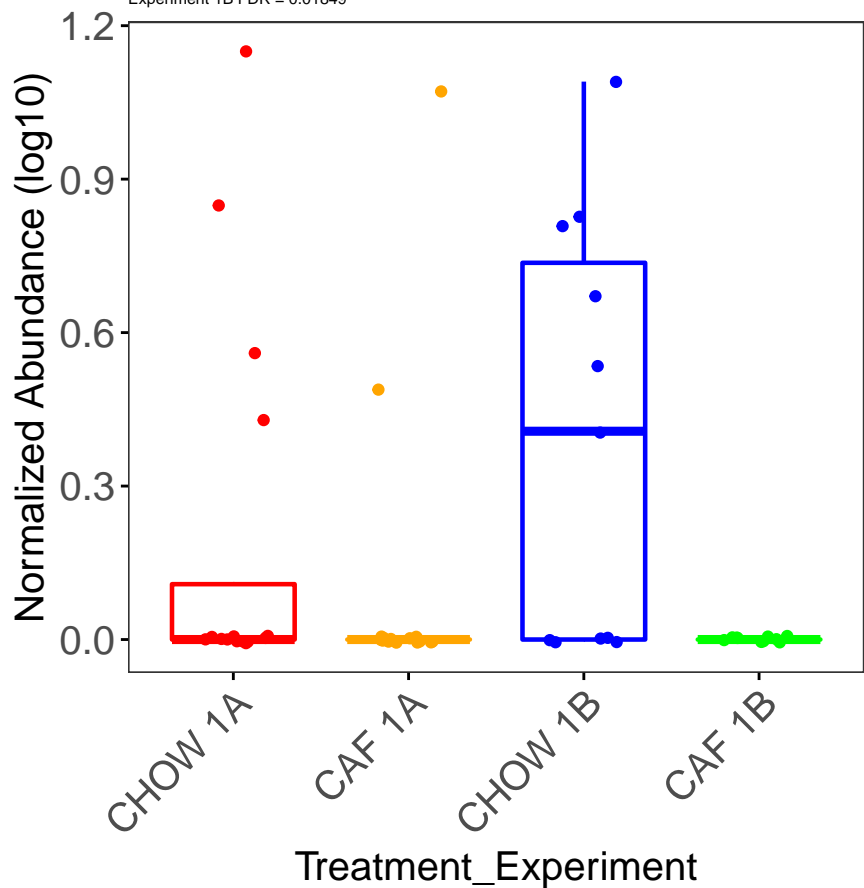
Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__Coriobacteriales Incertae Sedis
Experiment 1A FDR = 0.728
Experiment 1B FDR = 0.0034



Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Clostridiales vadinBB60 group
Experiment 1A FDR = 0.69739
Experiment 1B FDR = 0.03439

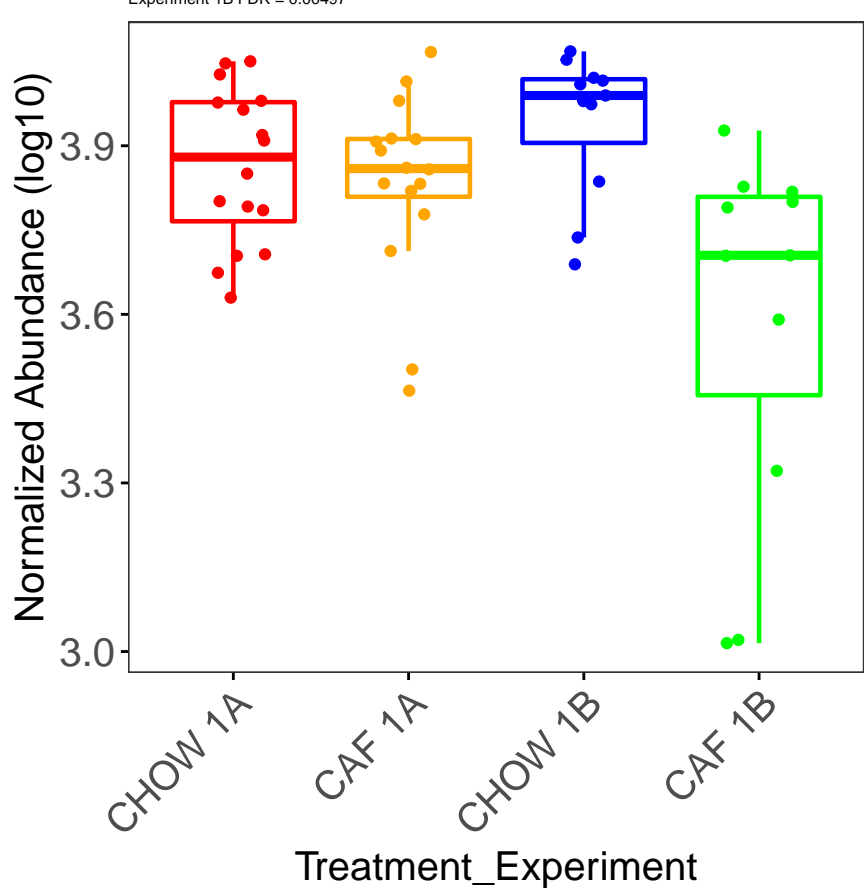


Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Eubacteriaceae
Experiment 1A FDR = 0.728
Experiment 1B FDR = 0.01849



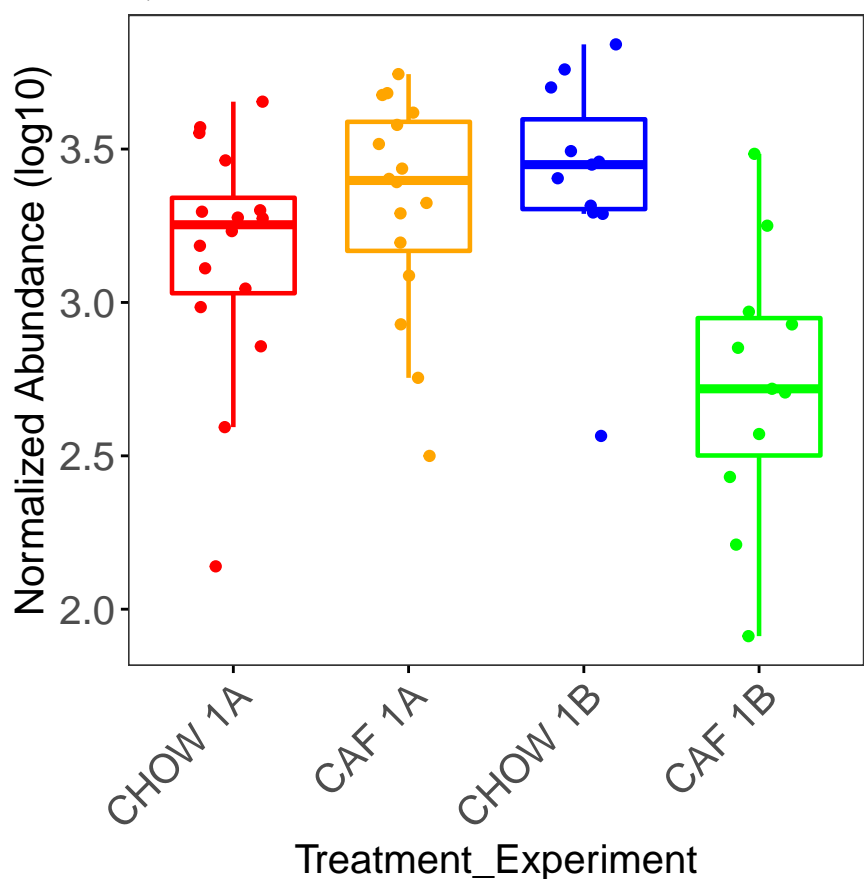
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Muribaculaceae____
Experiment 1A FDR = 0.96813
Experiment 1B FDR = 0.00497



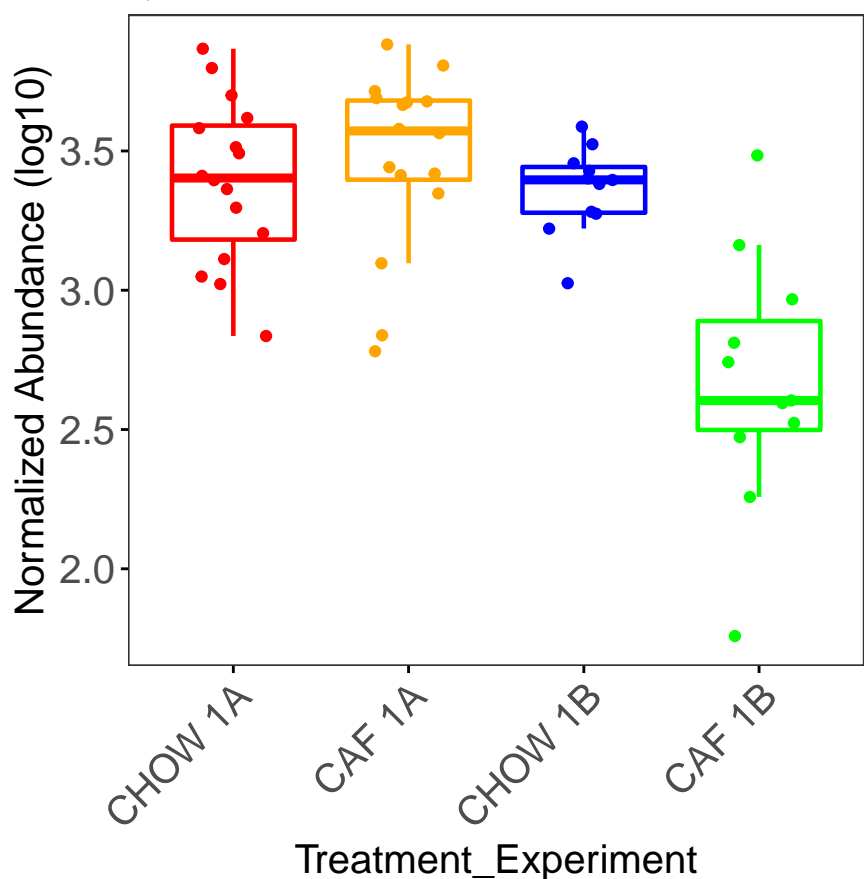
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-014
Experiment 1A FDR = 0.49839
Experiment 1B FDR = 0.00639



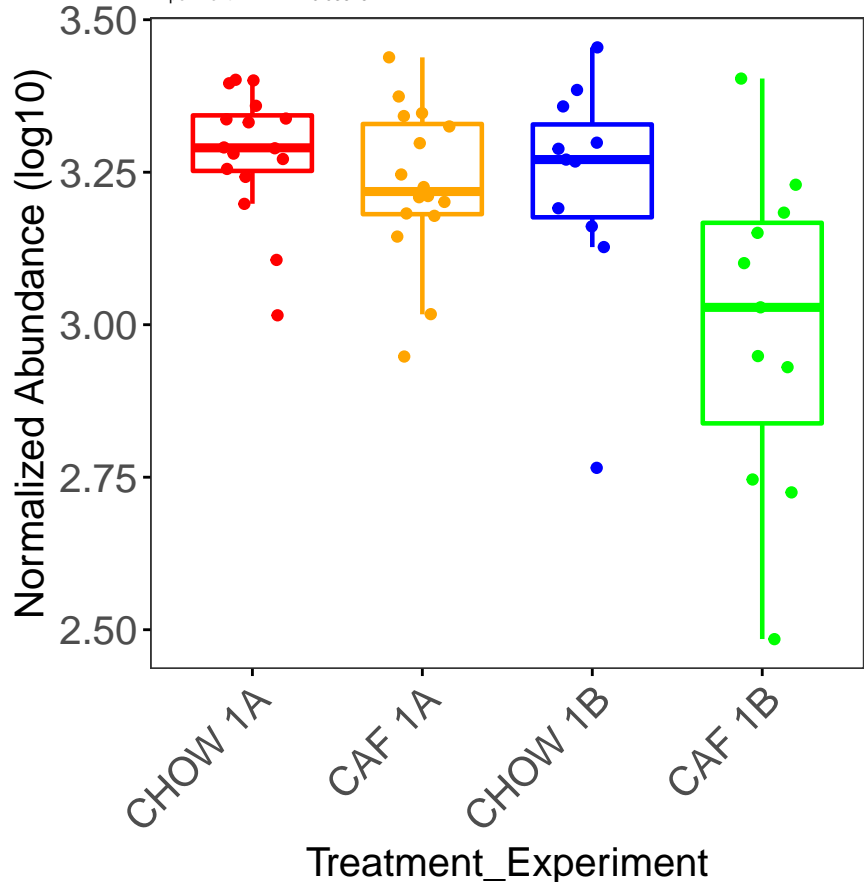
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae____
Experiment 1A FDR = 0.67383
Experiment 1B FDR = 0.0023



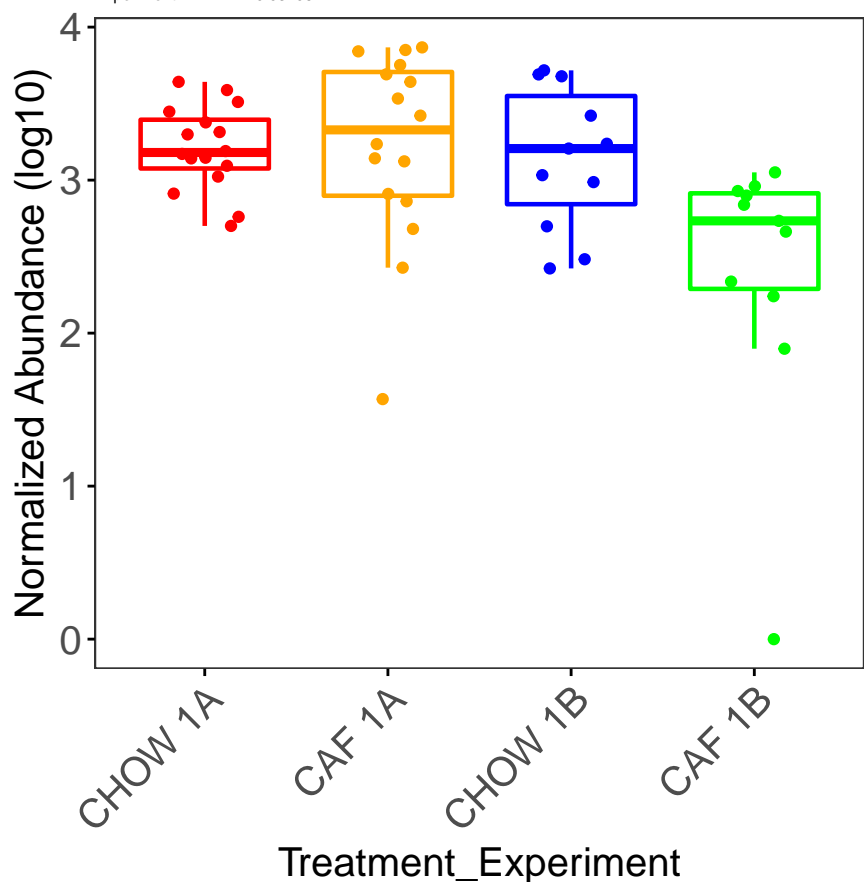
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales____
Experiment 1A FDR = 0.55966
Experiment 1B FDR = 0.03643



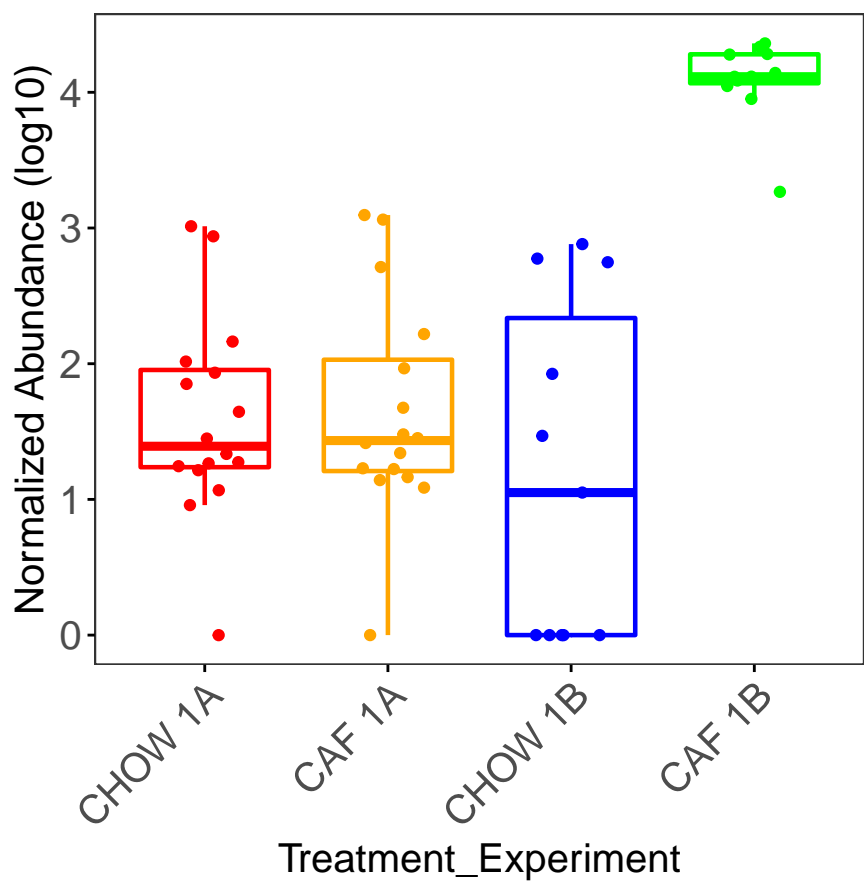
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcus 1
Experiment 1A FDR = 0.79901
Experiment 1B FDR = 0.03206

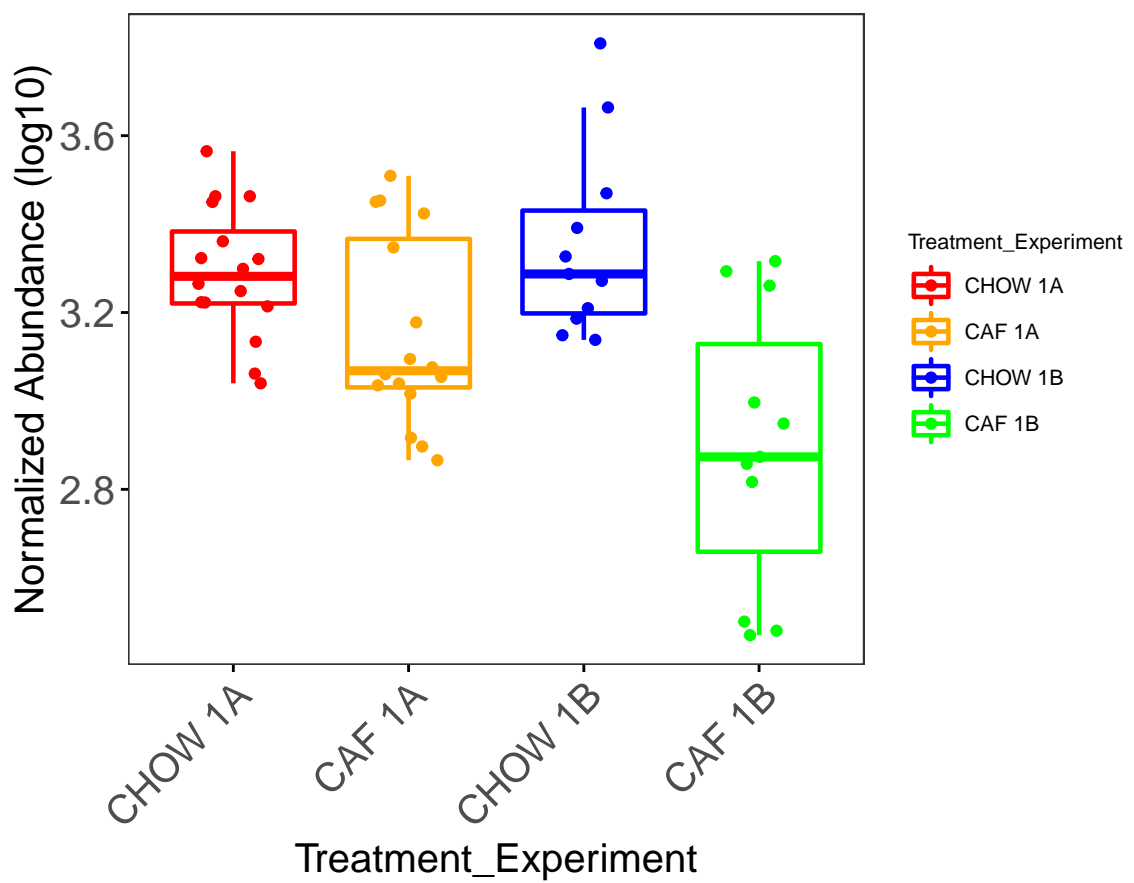


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

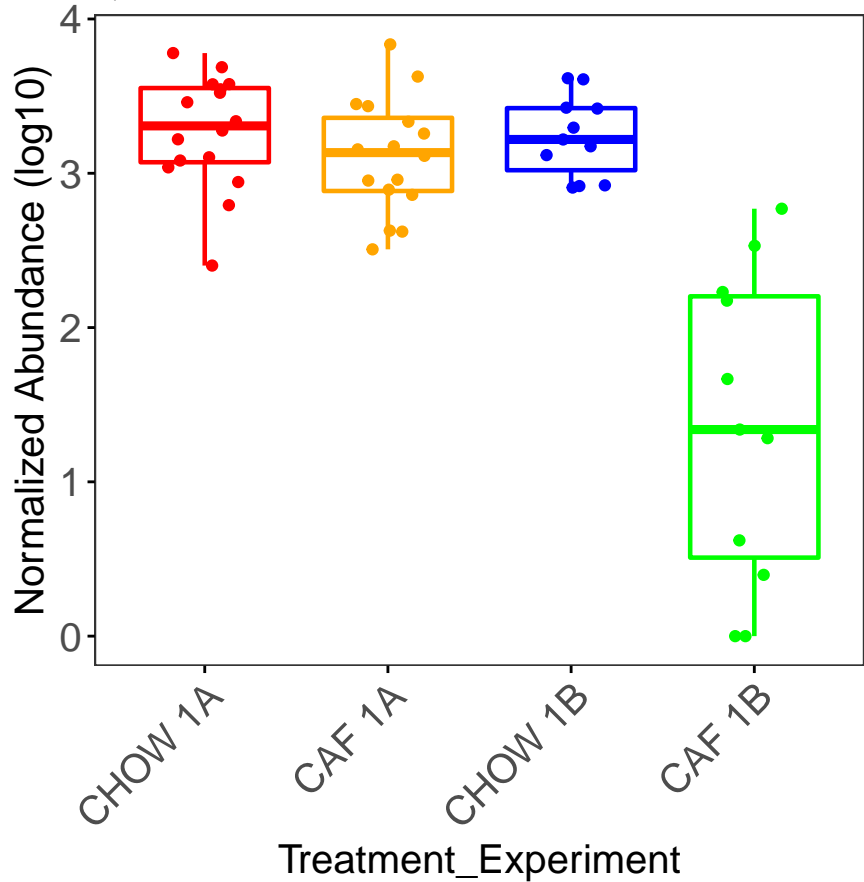
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.D.5__Allobaculum
Experiment 1A FDR = 0.99386
Experiment 1B FDR = 0.00077



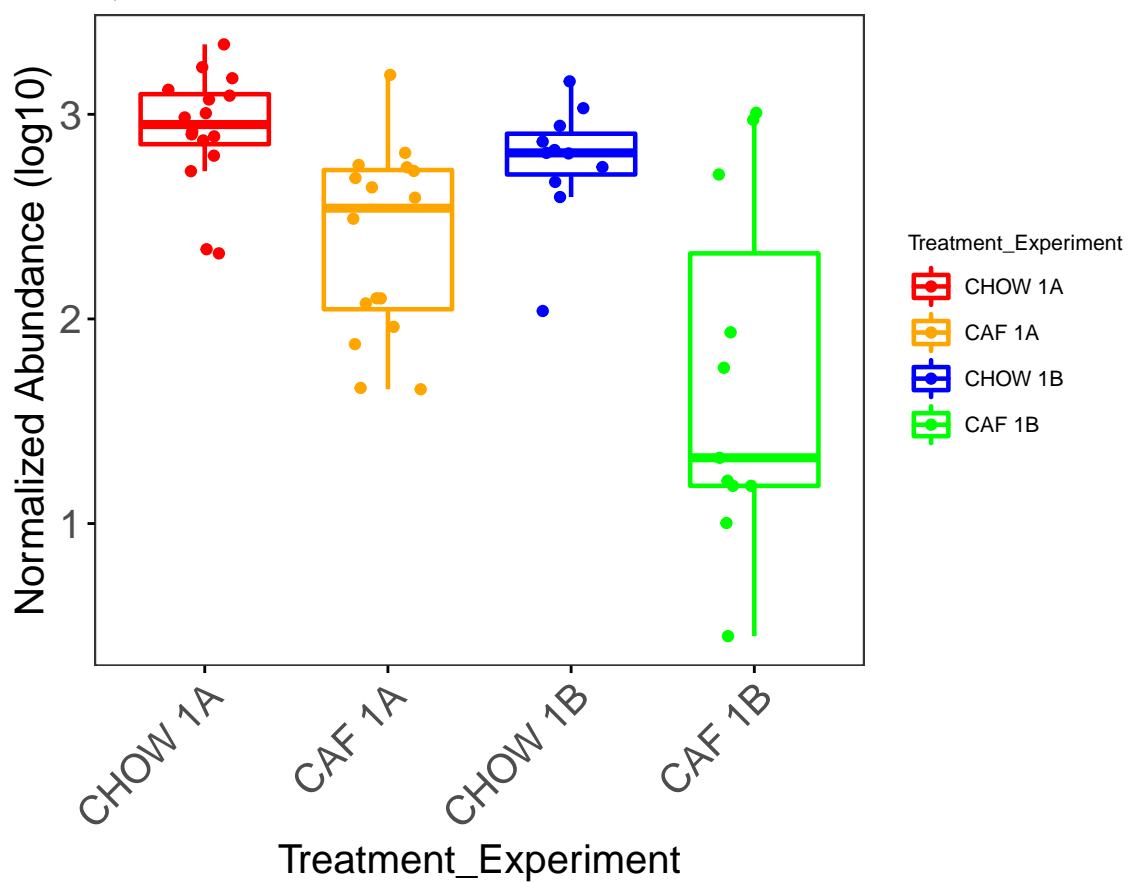
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae____
Experiment 1A FDR = 0.30585
Experiment 1B FDR = 0.0107



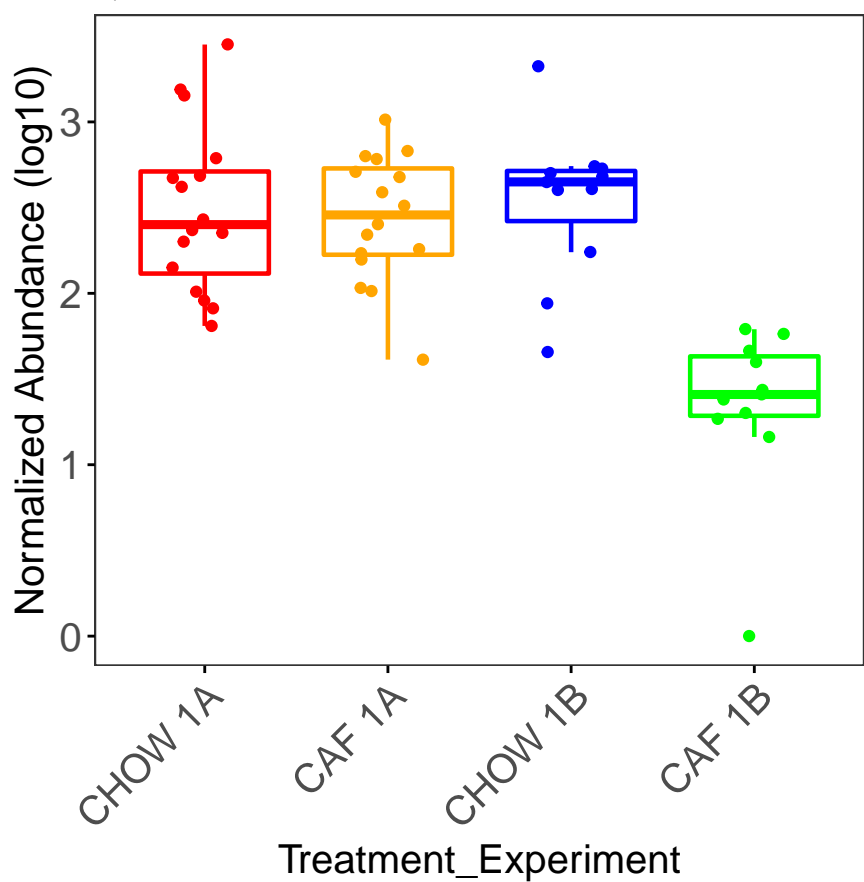
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Prevotellaceae NK3B31 group
Experiment 1A FDR = 0.55966
Experiment 1B FDR = 0.00077



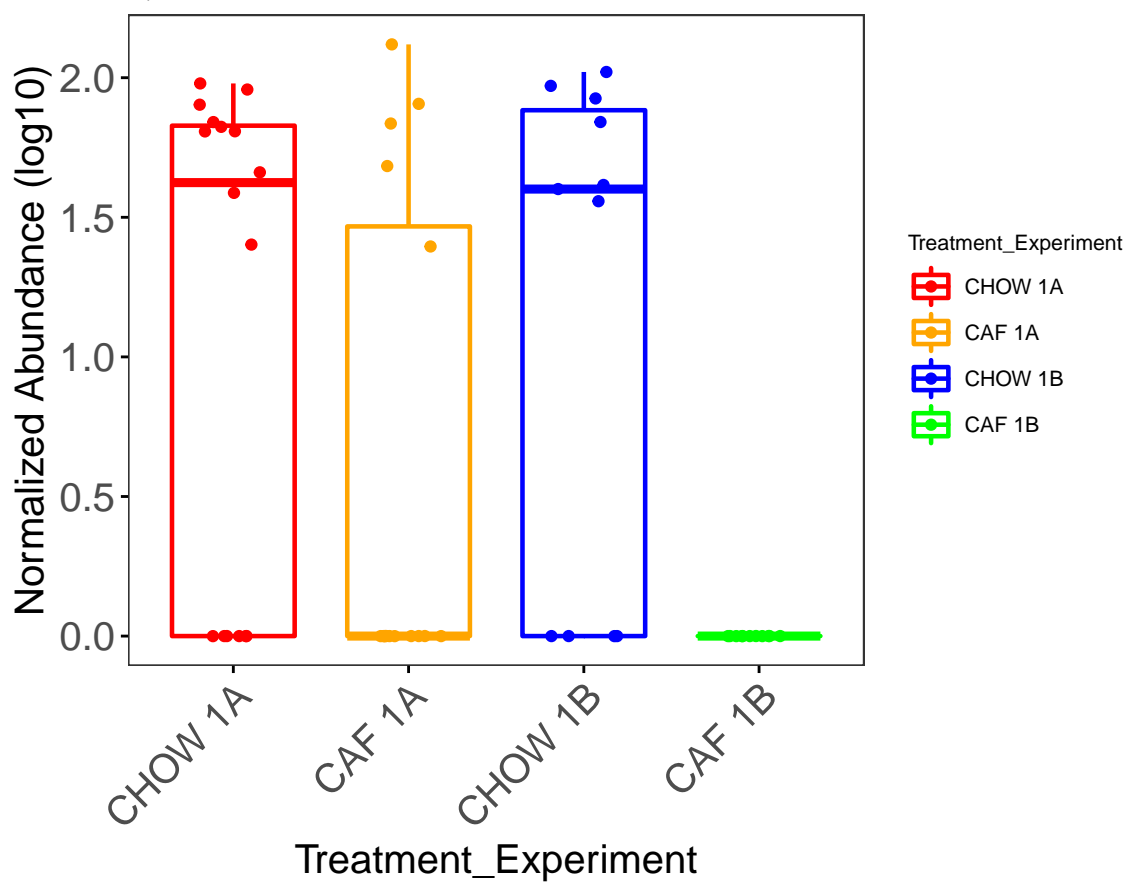
Firmicutes.D.2__Clostridia.D.3__Clostridiales____
Experiment 1A FDR = 0.01191
Experiment 1B FDR = 0.02821



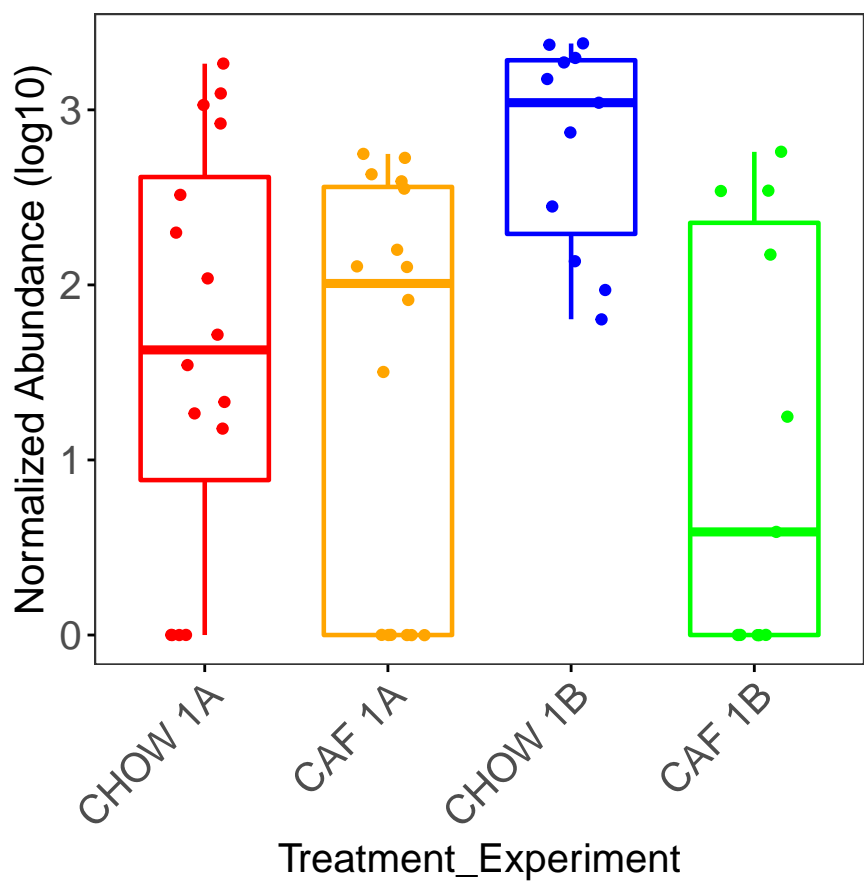
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 5
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00067



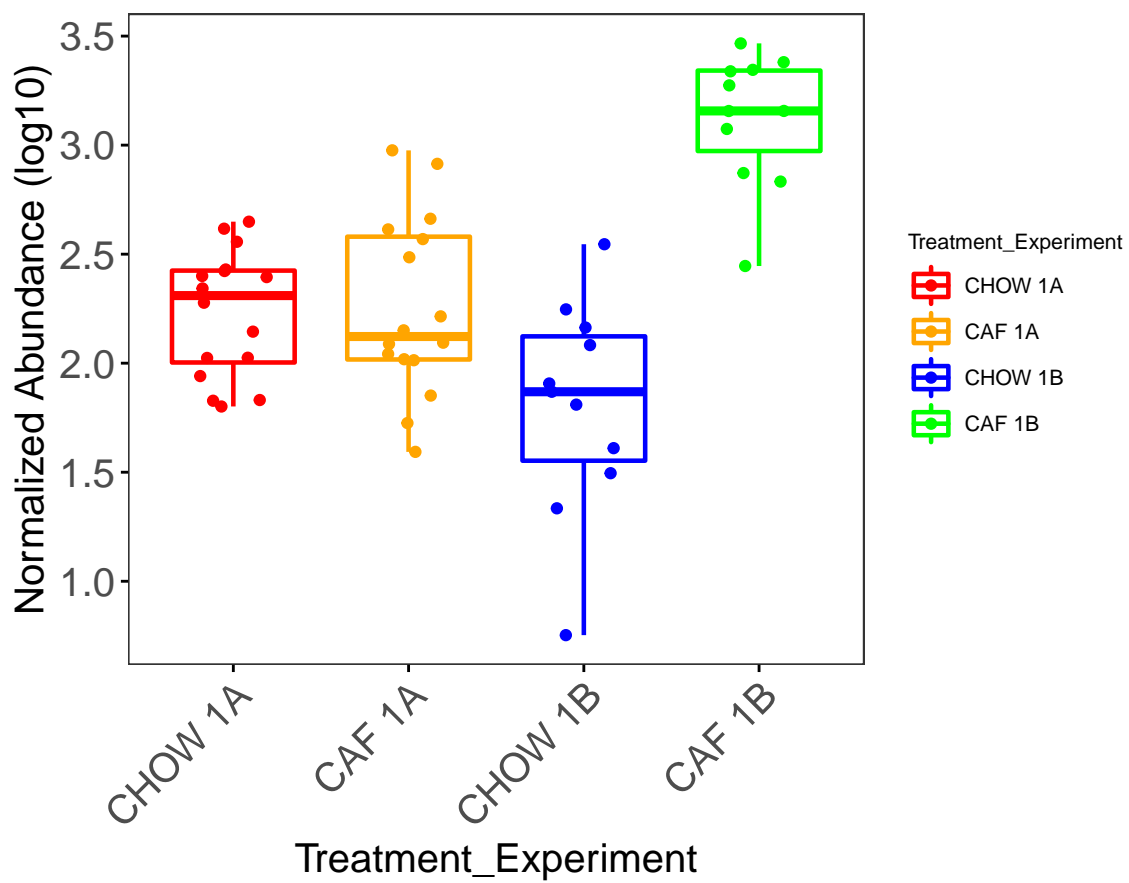
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae____
Experiment 1A FDR = 0.47606
Experiment 1B FDR = 0.0107



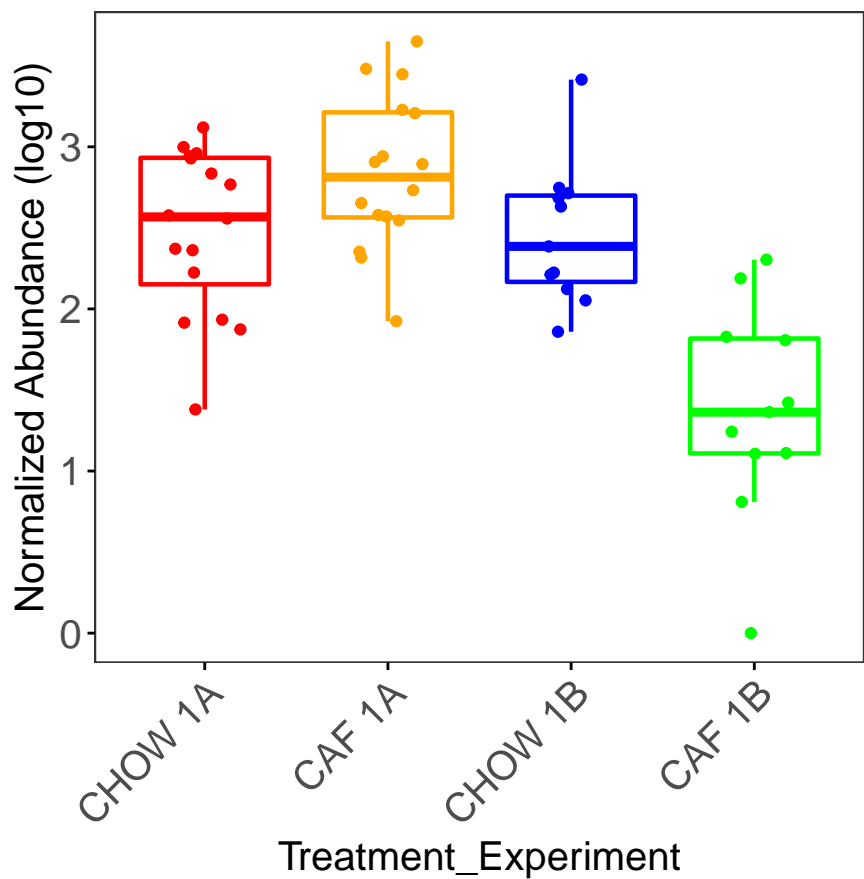
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcus 2
Experiment 1A FDR = 0.94822
Experiment 1B FDR = 0.01196



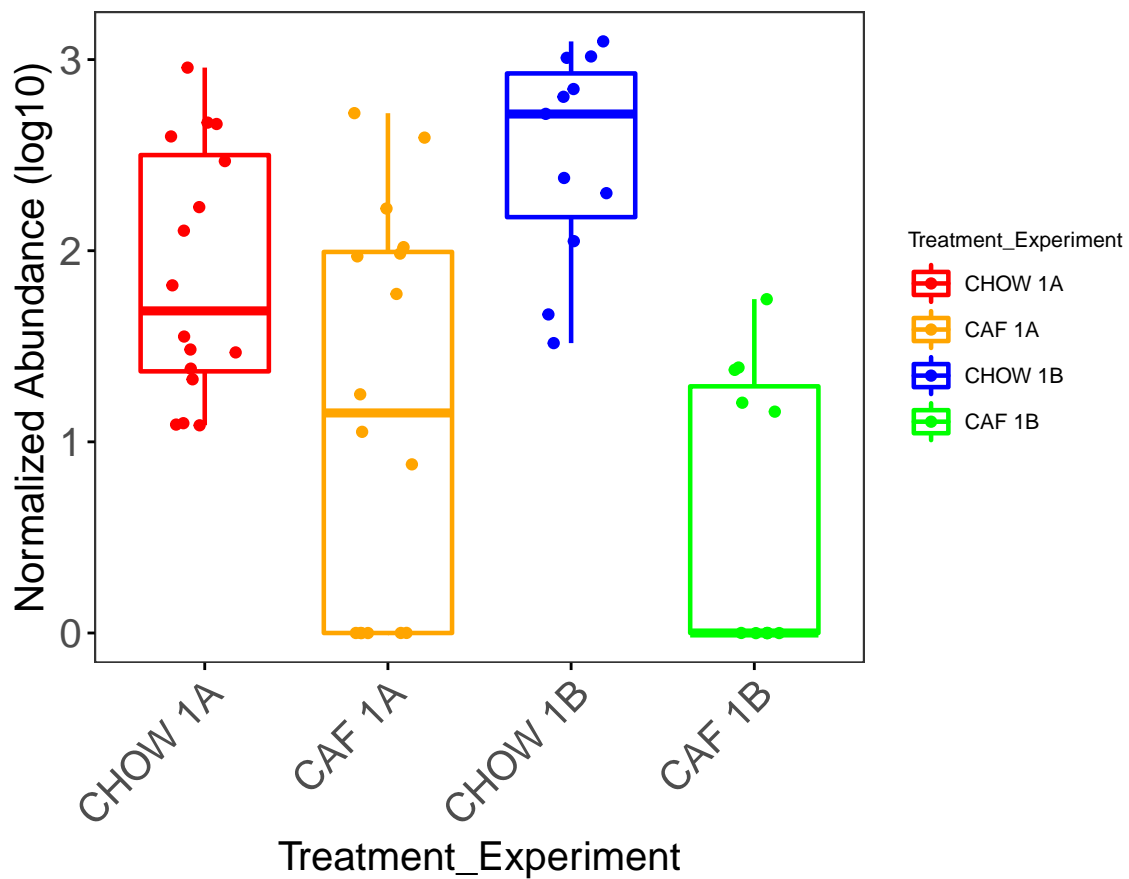
Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales.D.4__Burkholderiaceae.D.5__Parasutterella
Experiment 1A FDR = 1
Experiment 1B FDR = 6e-04



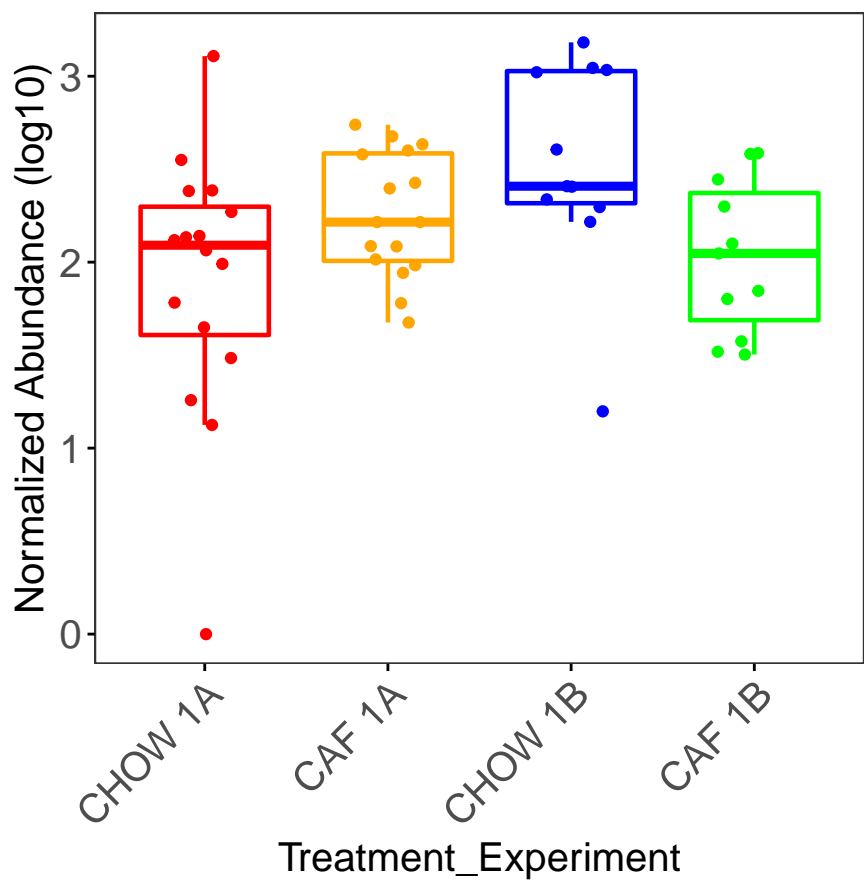
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-013
Experiment 1A FDR = 0.47606
Experiment 1B FDR = 0.00153



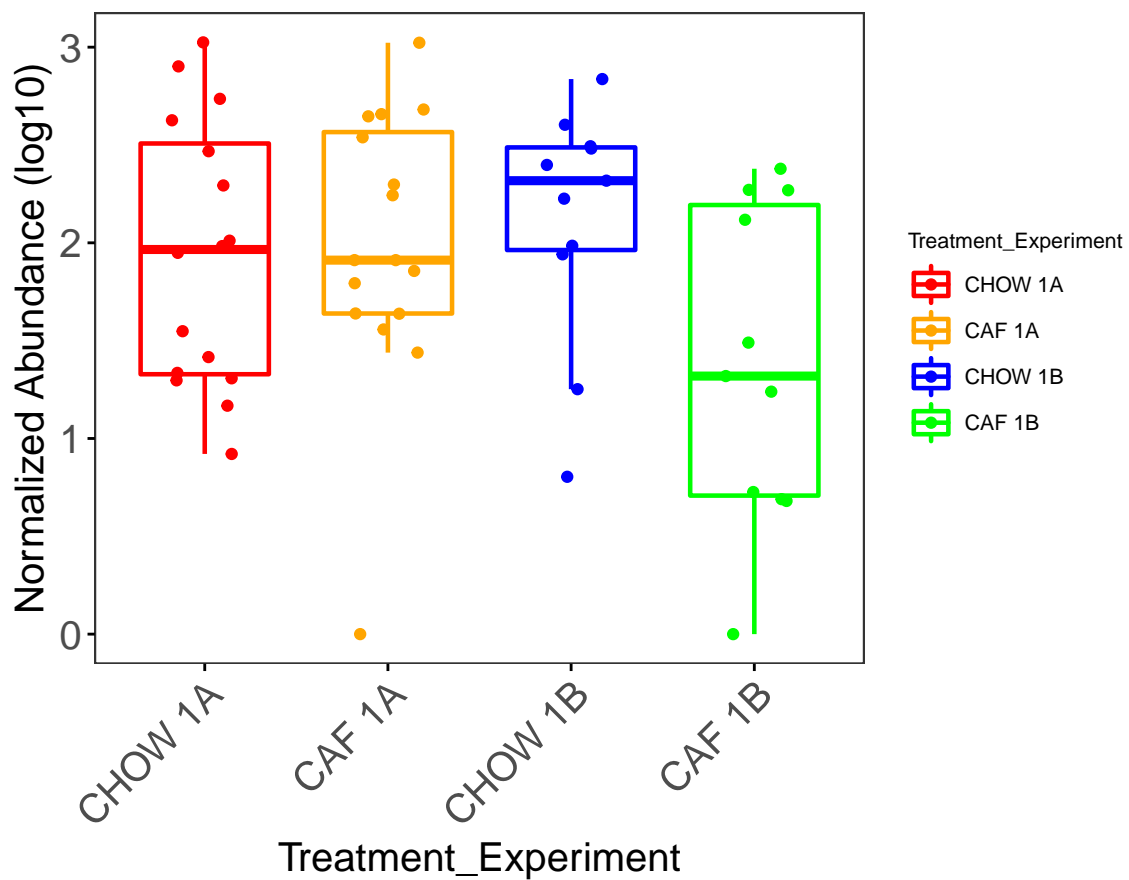
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 6
Experiment 1A FDR = 0.30585
Experiment 1B FDR = 0.00105



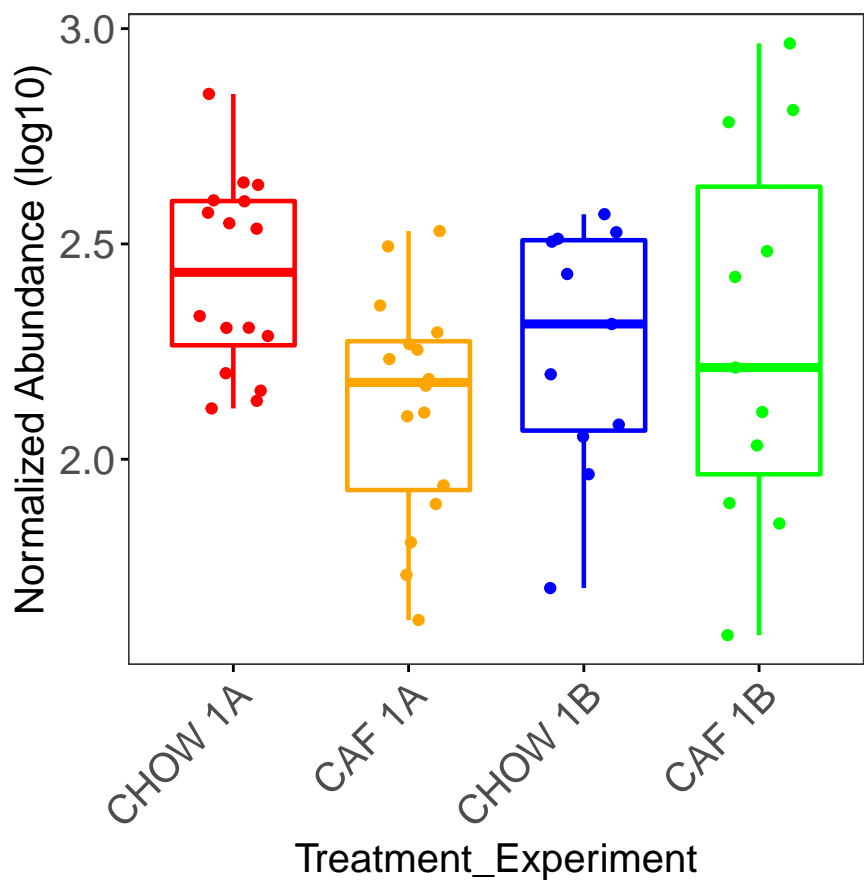
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Lachnospiraceae NK4A136 group
Experiment 1A FDR = 0.47521
Experiment 1B FDR = 0.08017



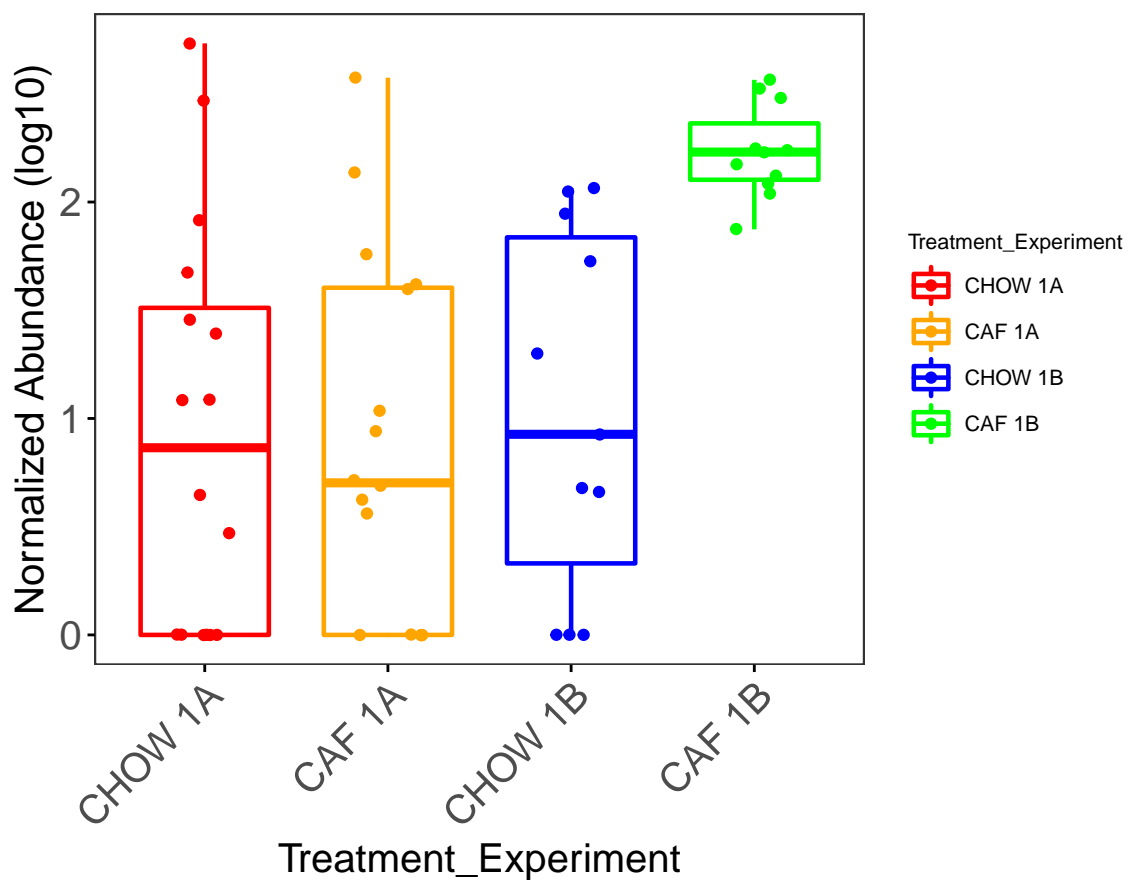
Tenericutes.D.2__Mollicutes.D.3__Mollicutes RF39_____
Experiment 1A FDR = 0.87697
Experiment 1B FDR = 0.05178



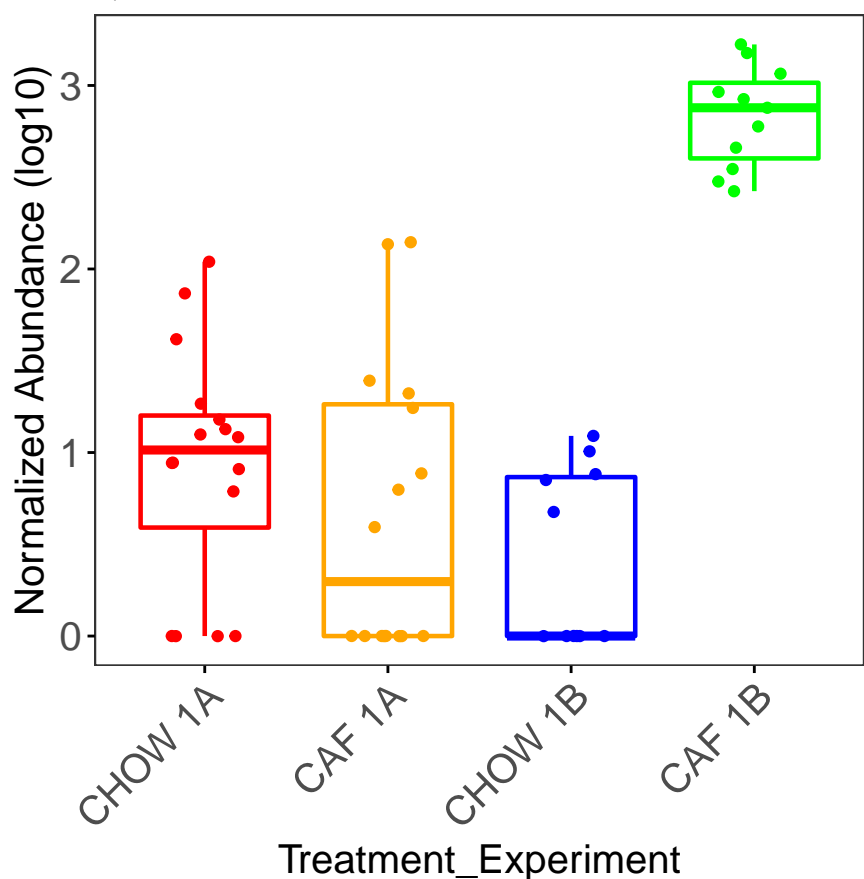
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Tannerellaceae.D.5__Parabacteroides
Experiment 1A FDR = 0.03488
Experiment 1B FDR = 0.94873



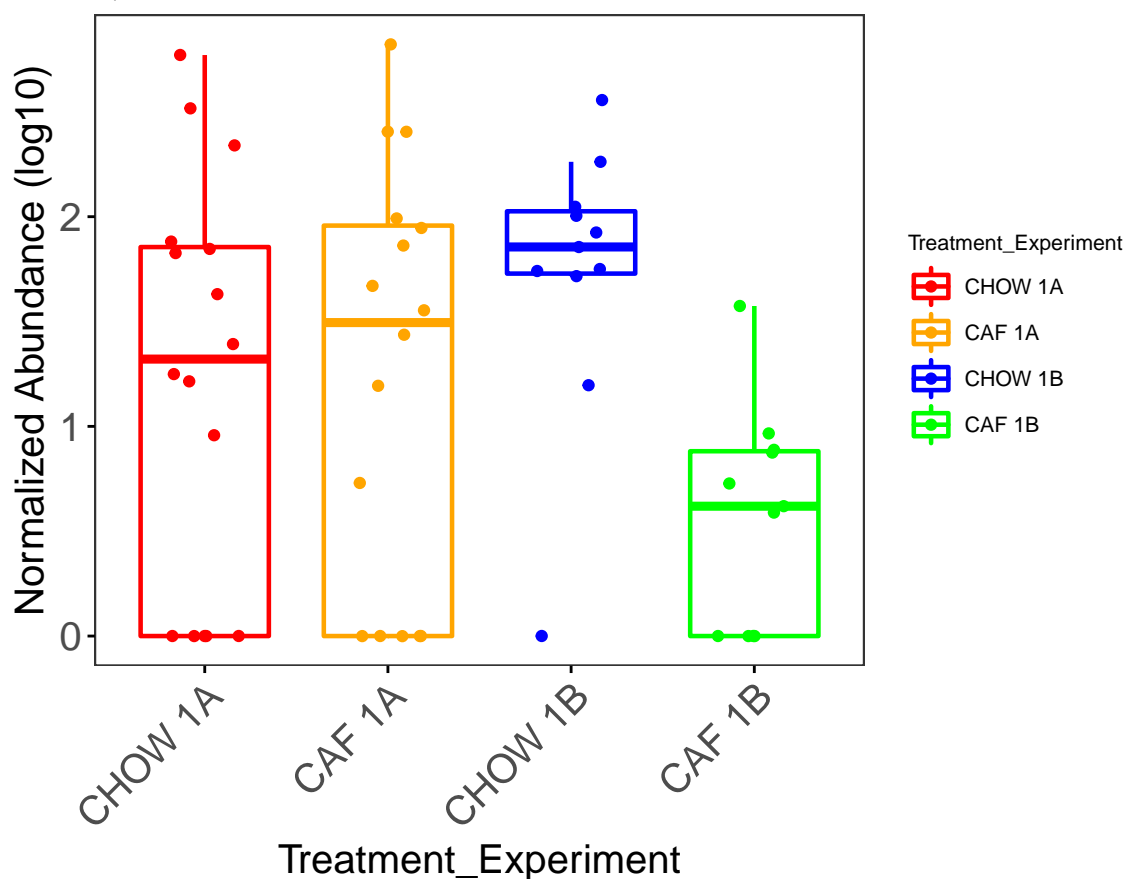
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Peptostreptococaceae.D.5__Romboutsia
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00201



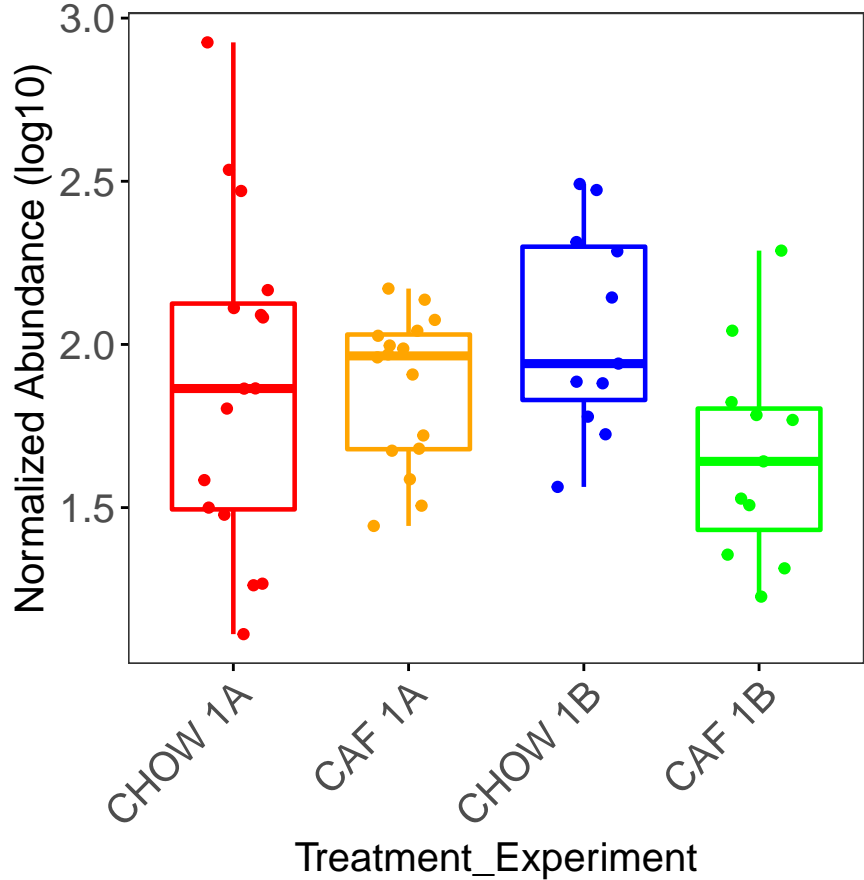
Actinobacteria.D.2__Actinobacteria.D.3__Bifidobacteriales.D.4__Bifidobacteriaceae.D.5__Bifidobacterium
Experiment 1A FDR = 0.65848
Experiment 1B FDR = 0.00077



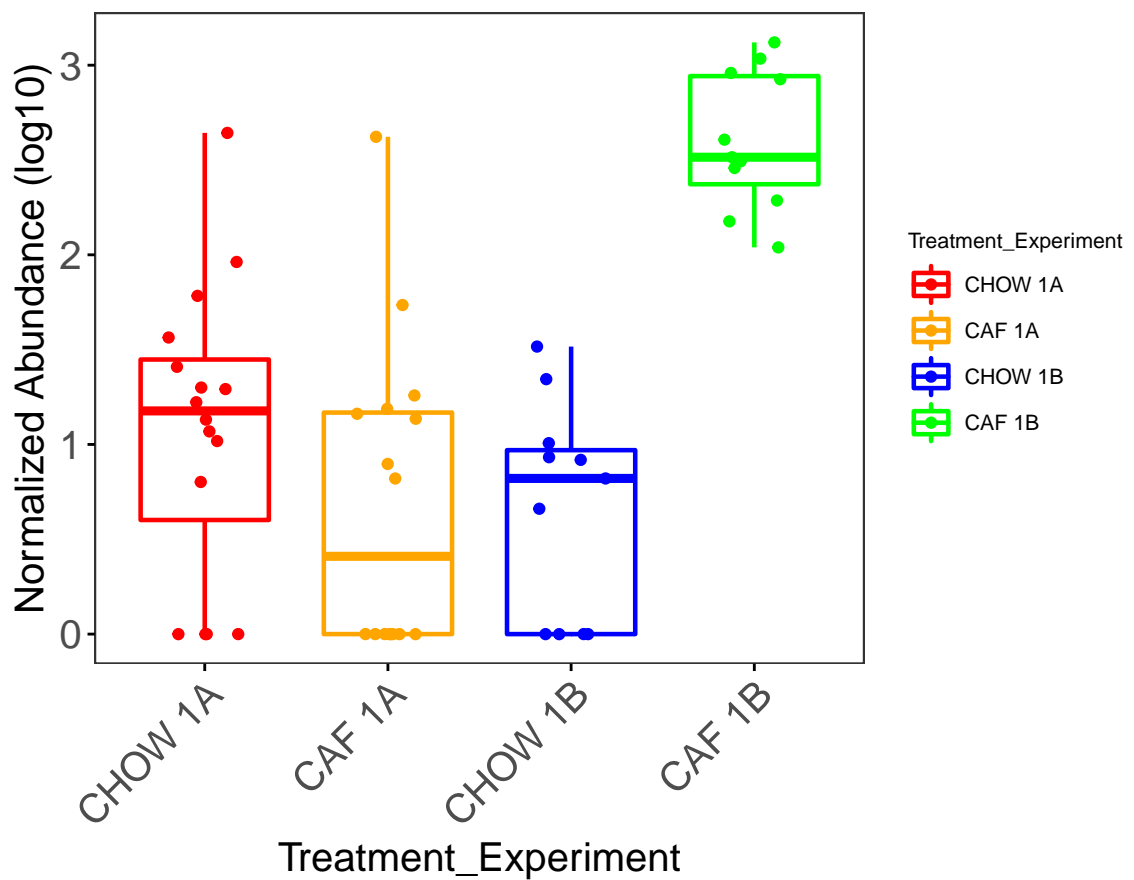
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Prevotellaceae UCG-001
Experiment 1A FDR = 0.99386
Experiment 1B FDR = 0.0048



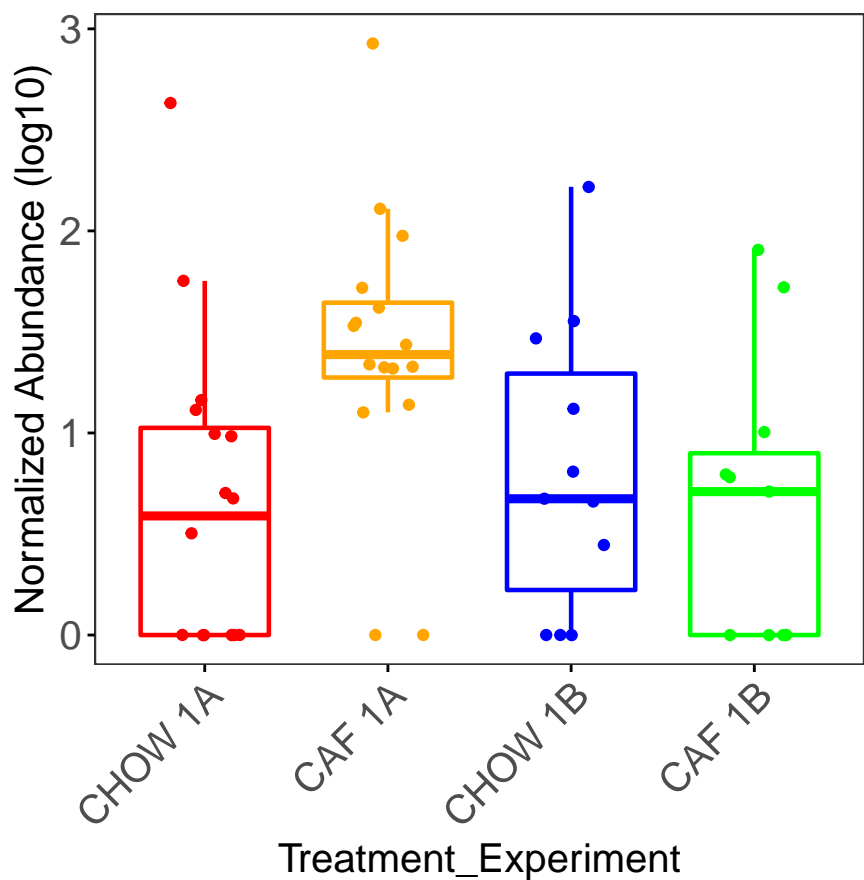
Proteobacteria.D.2__Deltaproteobacteria.D.3__Desulfovibrionales.D.4__Desulfovibrionaceae.D.5__Desulfovibrio
Experiment 1A FDR = 1
Experiment 1B FDR = 0.03643



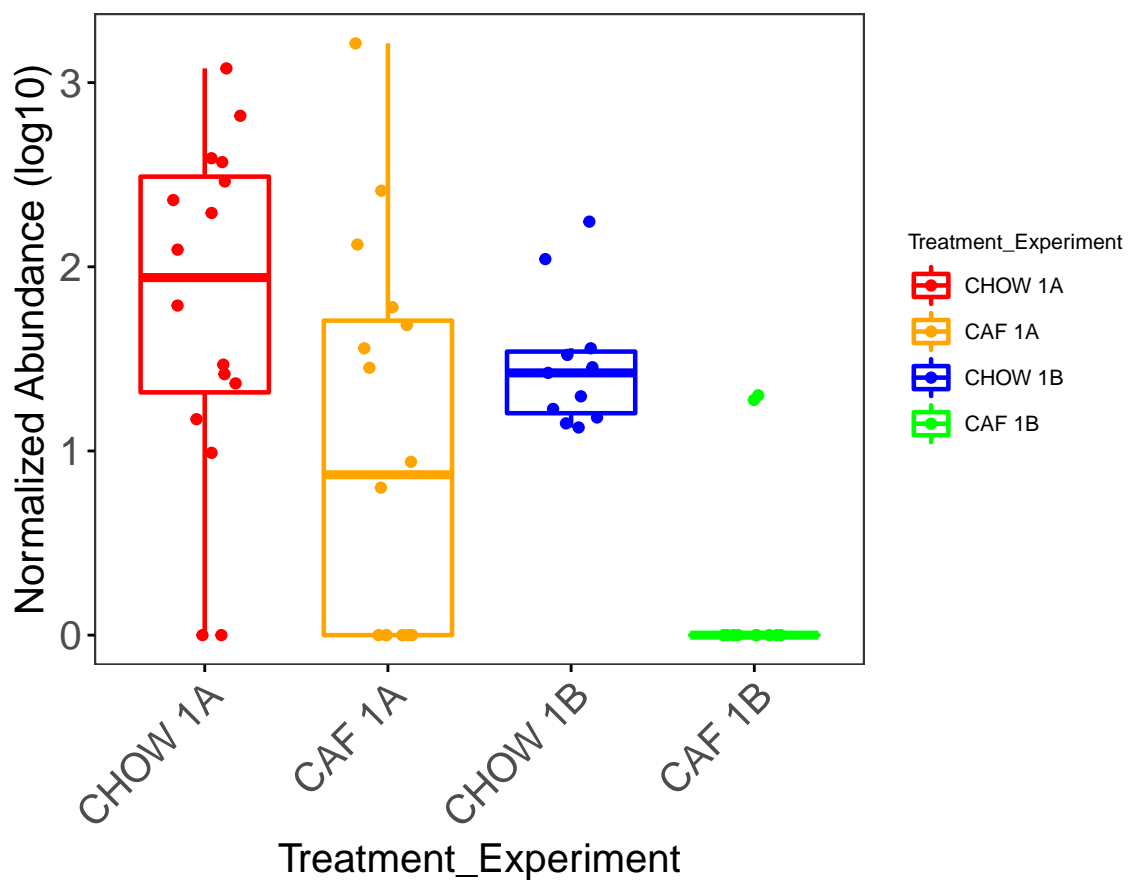
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.D.5__Faecalibaculum
Experiment 1A FDR = 0.47521
Experiment 1B FDR = 0.00077



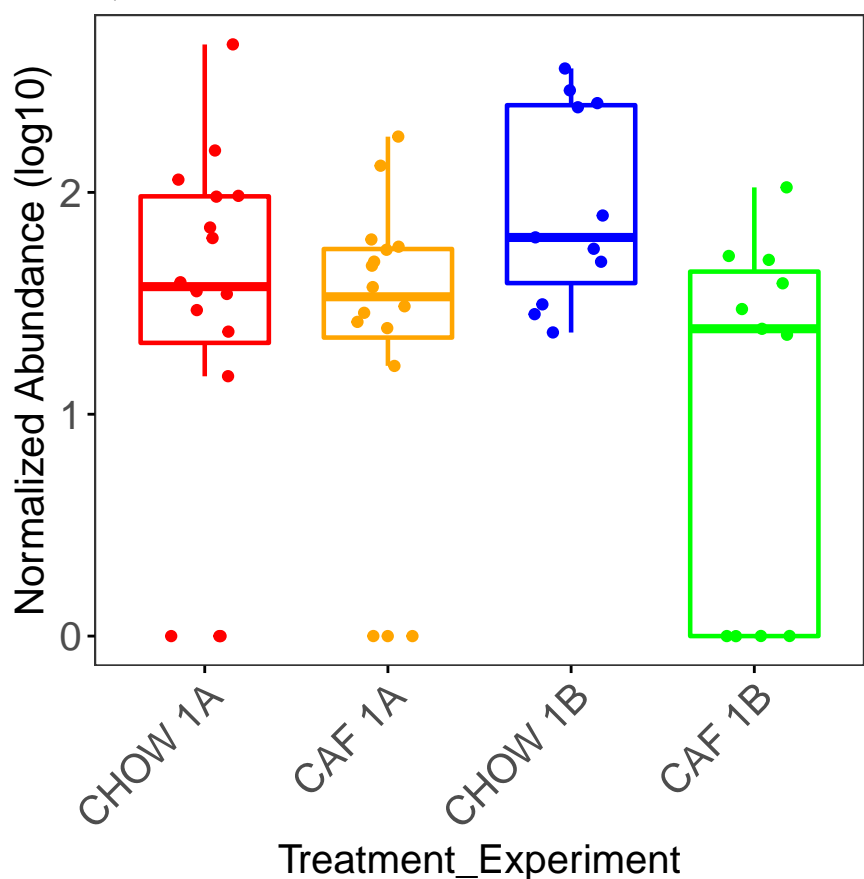
Firmicutes.
Experiment 1A FDR = 0.06952
Experiment 1B FDR = 0.70828



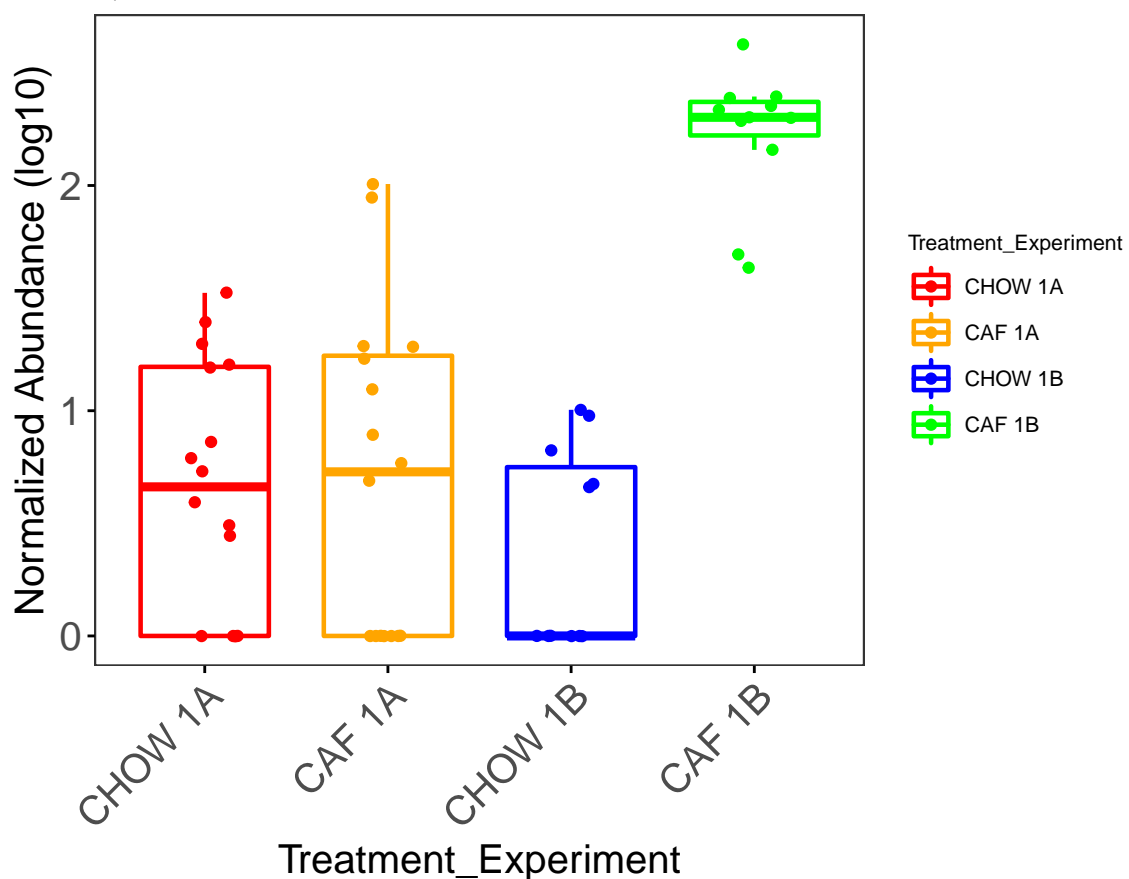
Bacteroidetes.D_2_Bacteroidia.D_3_Bacteroidales.D_4_Prevotellaceae.D_5_Paraprevotella
Experiment 1A FDR = 0.30585
Experiment 1B FDR = 0.00289



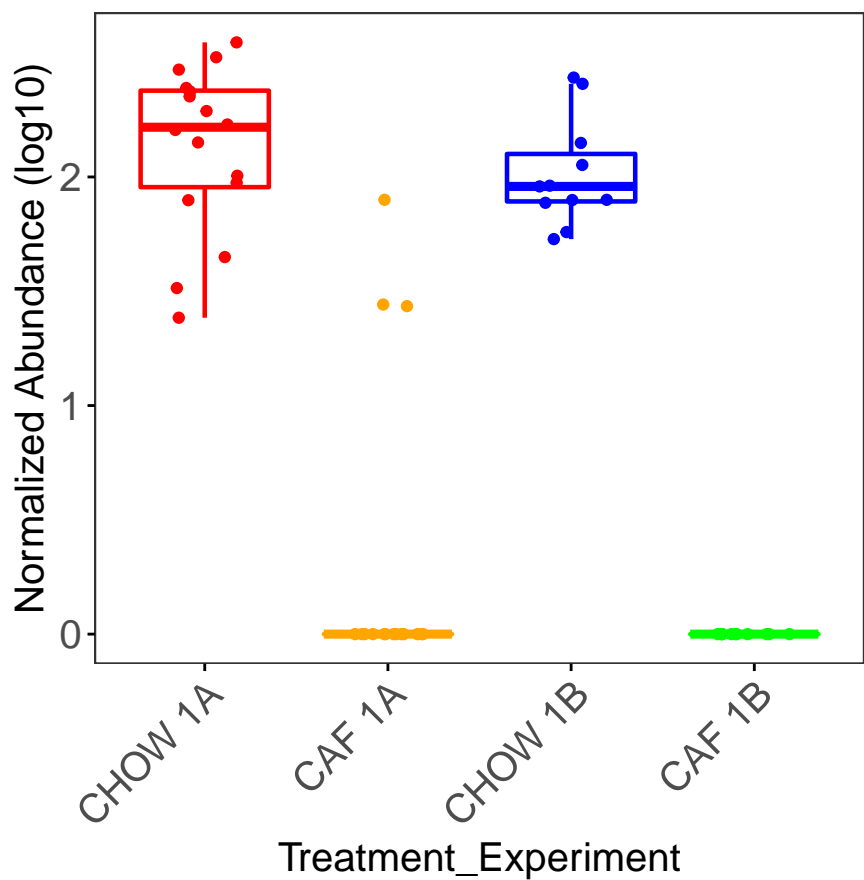
Firmicutes.D_2_Clostridia.D_3_Clostridiales.D_4_Lachnospiraceae.D_5_Roseburia
Experiment 1A FDR = 0.81073
Experiment 1B FDR = 0.03206



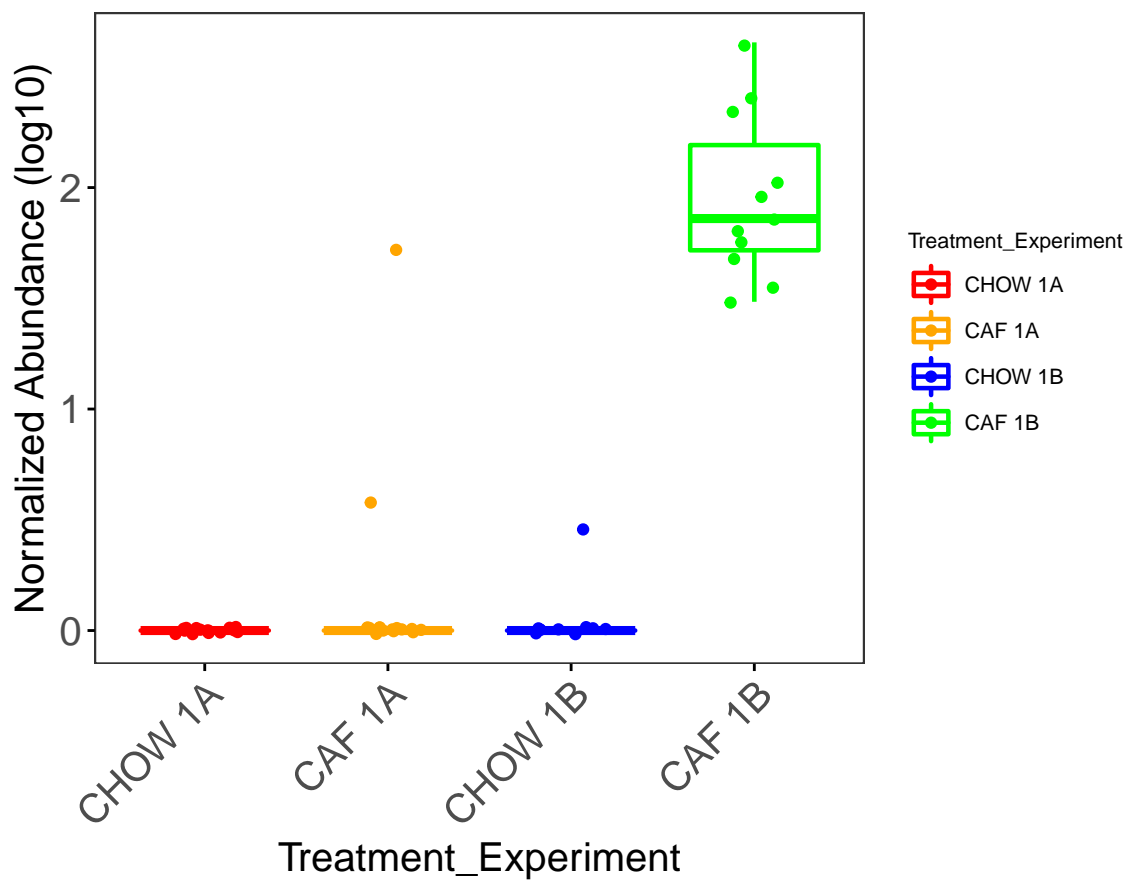
Actinobacteria.D_2_Coriobacteriia.D_3_Coriobacteriales.D_4_Atopobiaceae.D_5_Coriobacteriaceae UCG-002
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00077



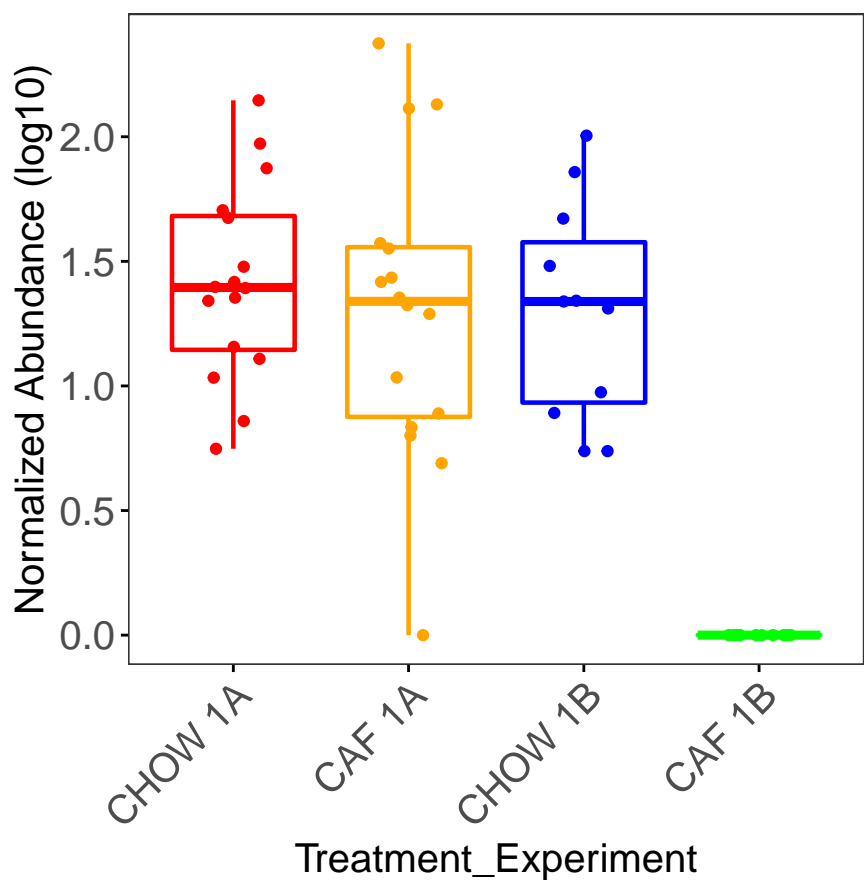
Proteobacteria.D_2_Gammaproteobacteria.D_3_Betaproteobacteriales.
Experiment 1A FDR = 0.00022
Experiment 1B FDR = 0.00067



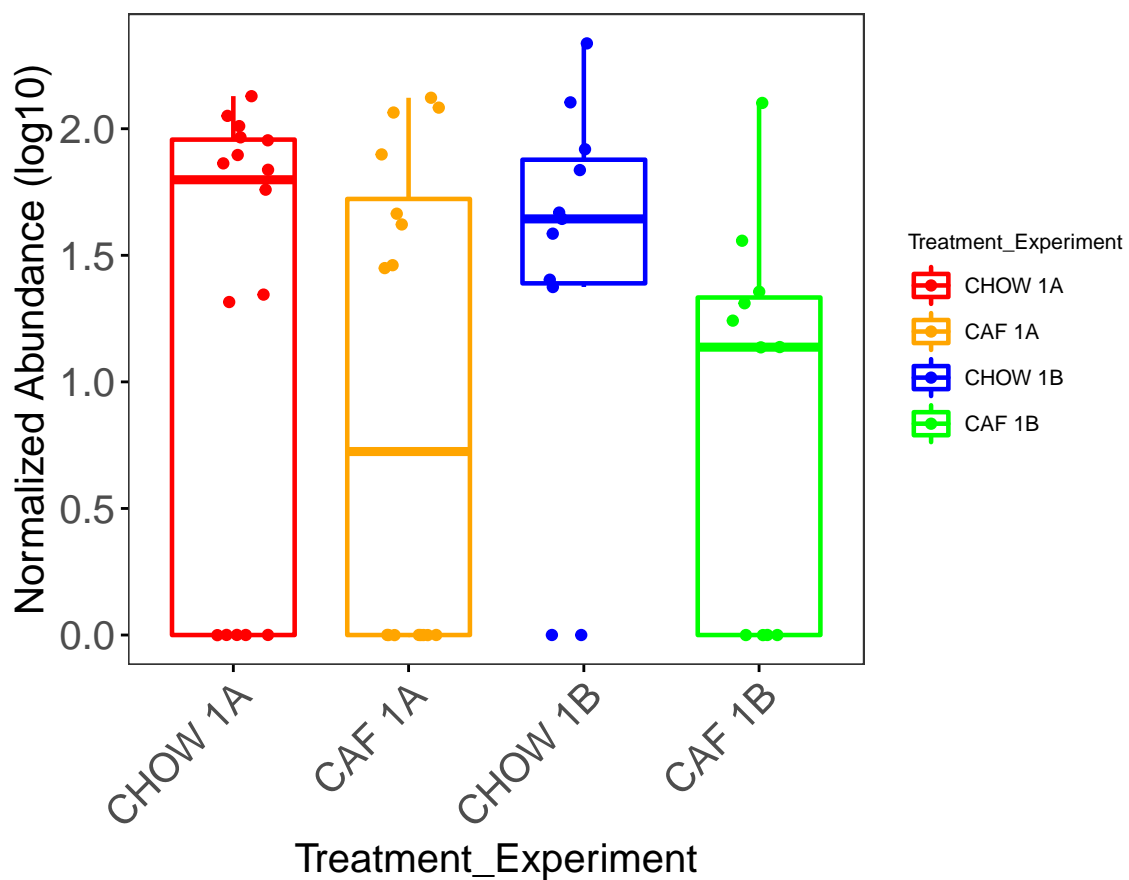
Firmicutes.D_2_Clostridia.D_3_Clostridiales.D_4_Clostridiaceae 1.D_5_Clostridium sensu stricto 1
Experiment 1A FDR = 0.51666
Experiment 1B FDR = 0.00074



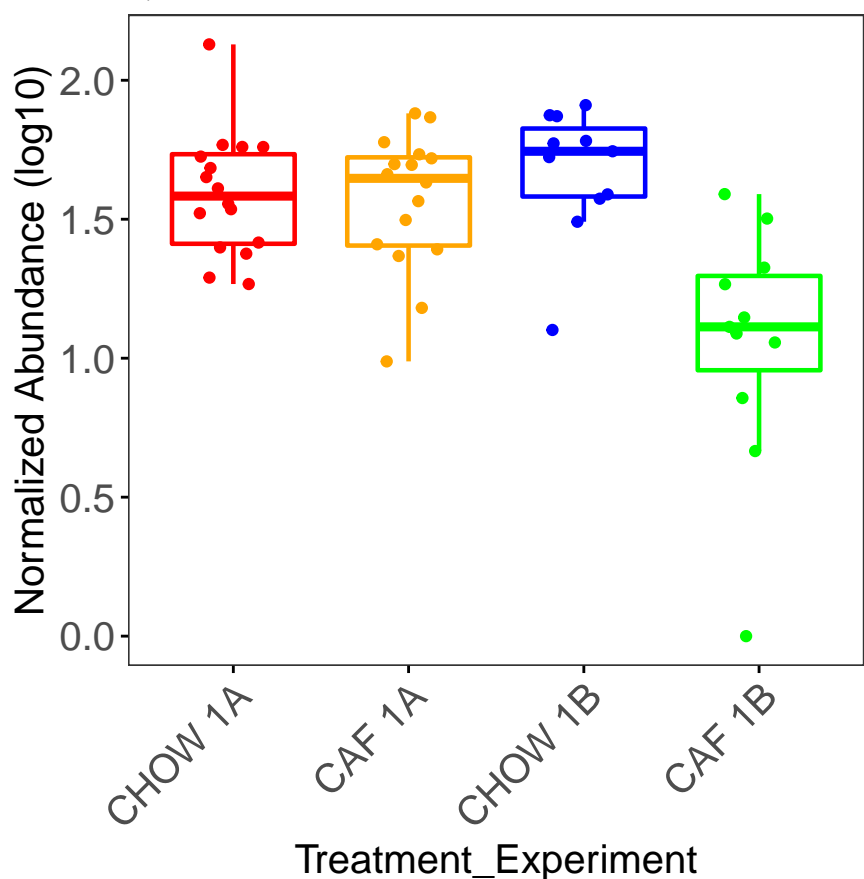
Actinobacteria.D.2__Coriobacteriia.D.3__Coriobacteriales.D.4__uncultured.D.5__uncultured bacterium
Experiment 1A FDR = 0.82629
Experiment 1B FDR = 0.00067



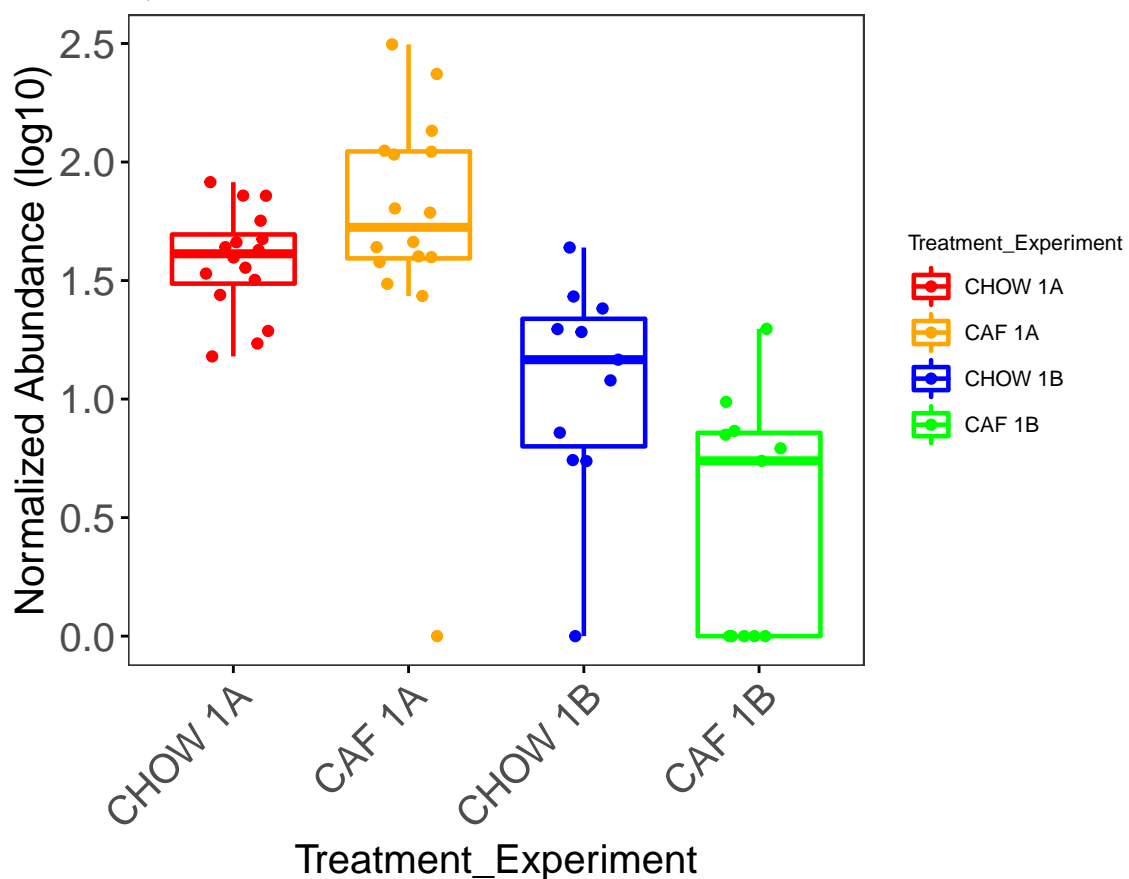
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococaceae.D.5__Ruminiclostridium 9
Experiment 1A FDR = 0.68304
Experiment 1B FDR = 0.06989



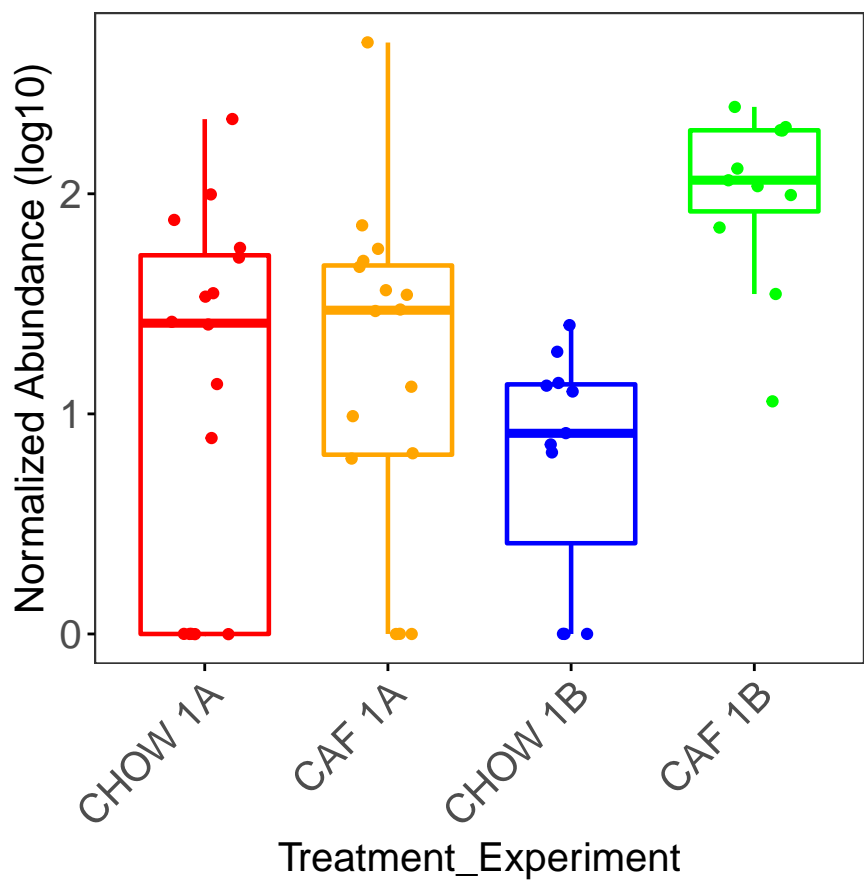
Actinobacteria.D.2__Coriobacteriia.D.3__Coriobacteriales.D.4__Eggerthellaceae___
Experiment 1A FDR = 1
Experiment 1B FDR = 0.0023



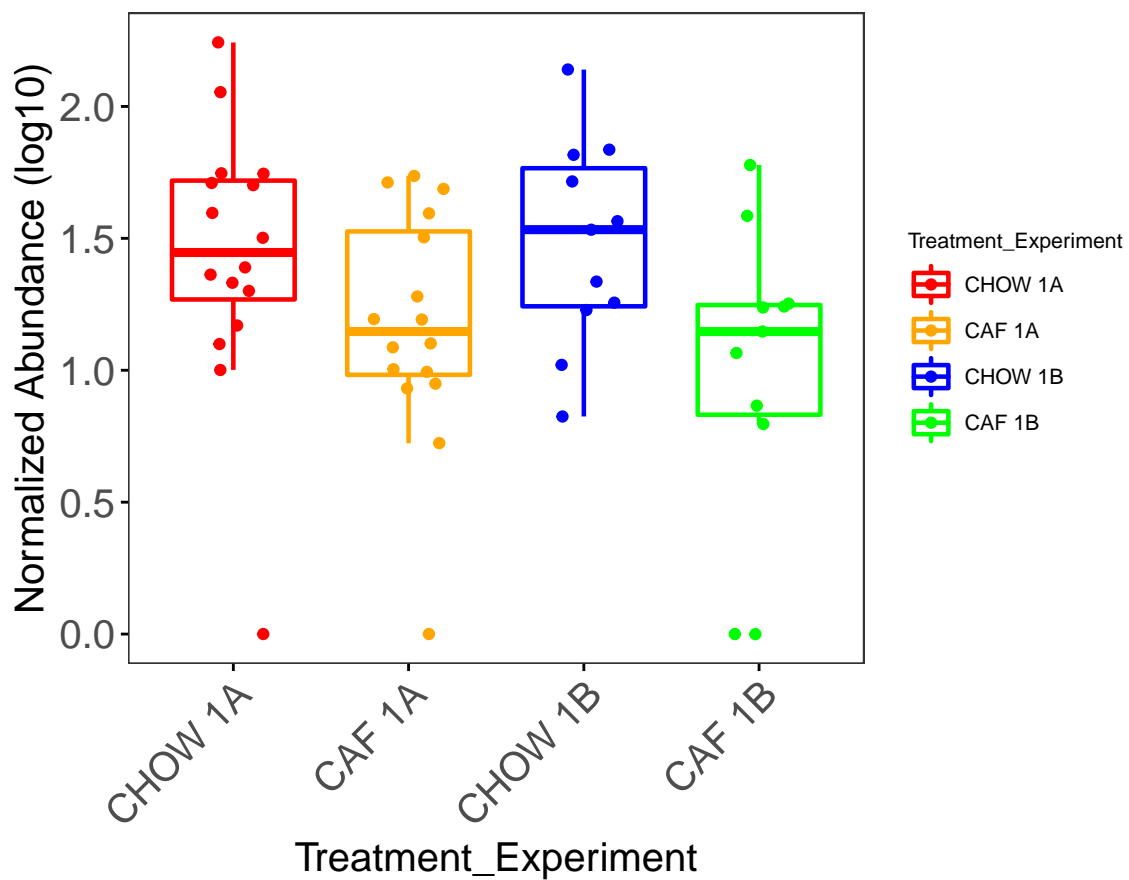
Firmicutes.D.2__Bacilli.D.3__Lactobacillales.D.4__Streptococcaceae.D.5__Streptococcus
Experiment 1A FDR = 0.4596
Experiment 1B FDR = 0.06573



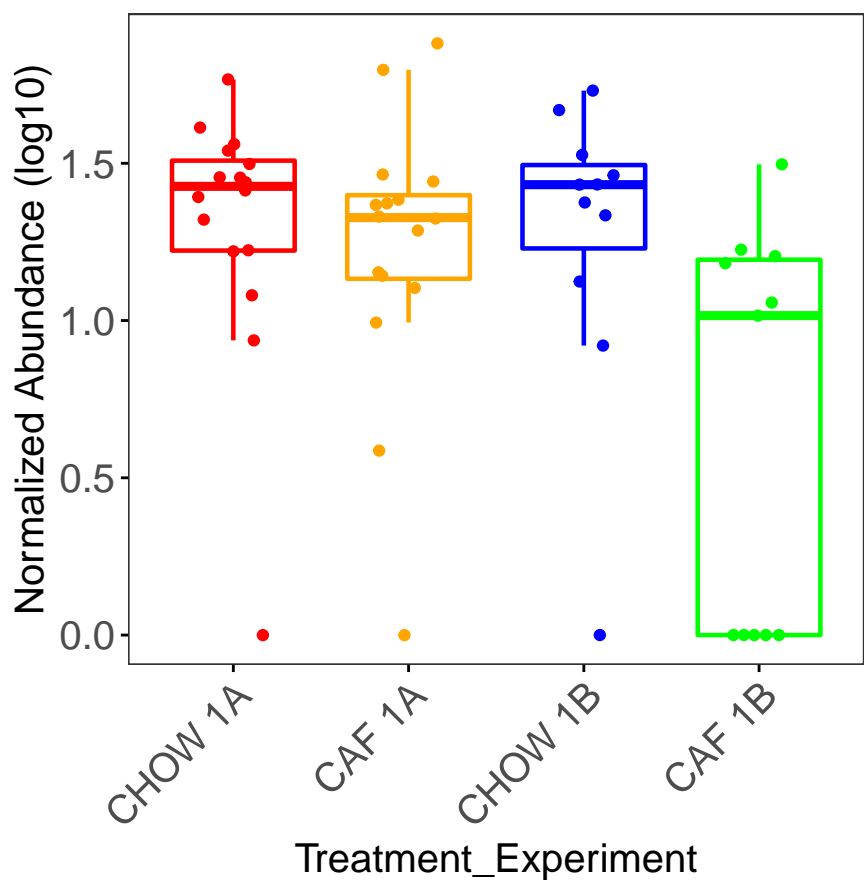
Firmicutes.D.2__Bacilli.D.3__Lactobacillales.D.4__Streptococcaceae.D.5__Lactococcus
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00201



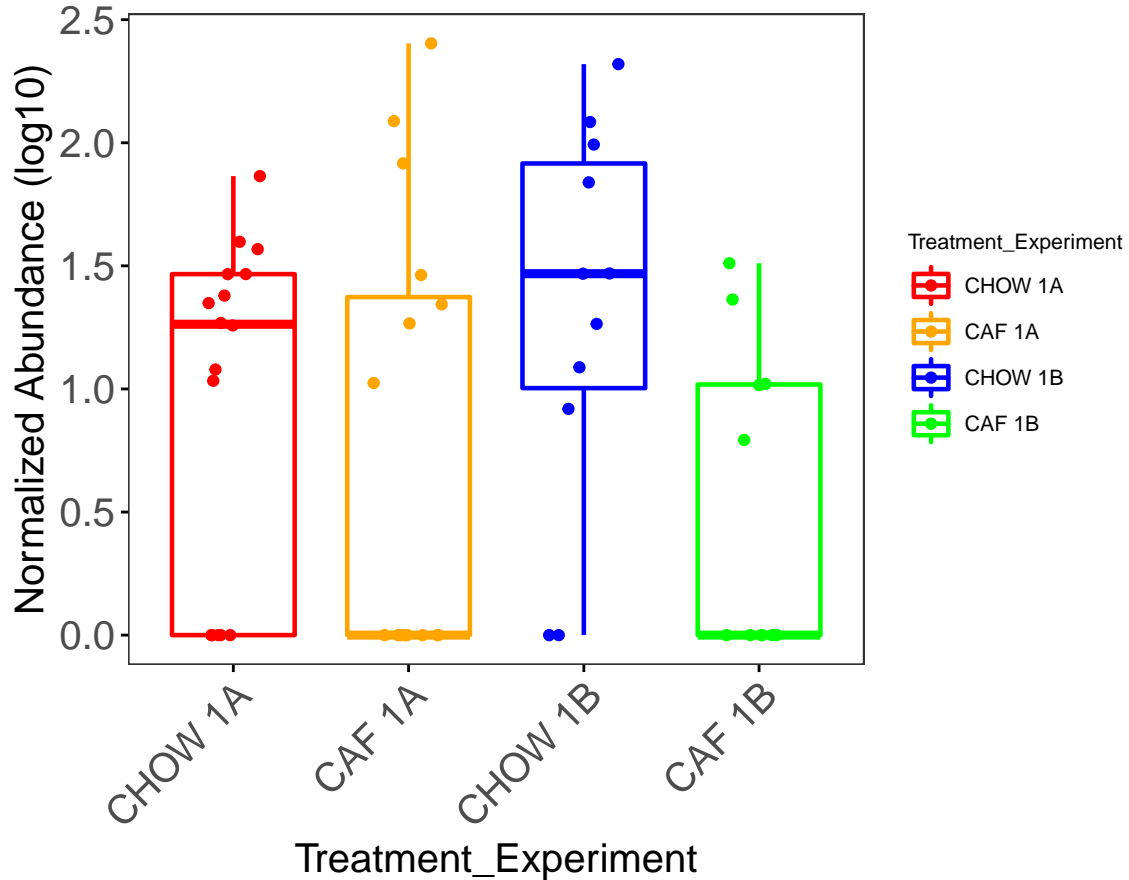
Proteobacteria.D.2__Deltaproteobacteria.D.3__Desulfovibrionales.D.4__Desulfovibrionaceae___
Experiment 1A FDR = 0.30585
Experiment 1B FDR = 0.09526



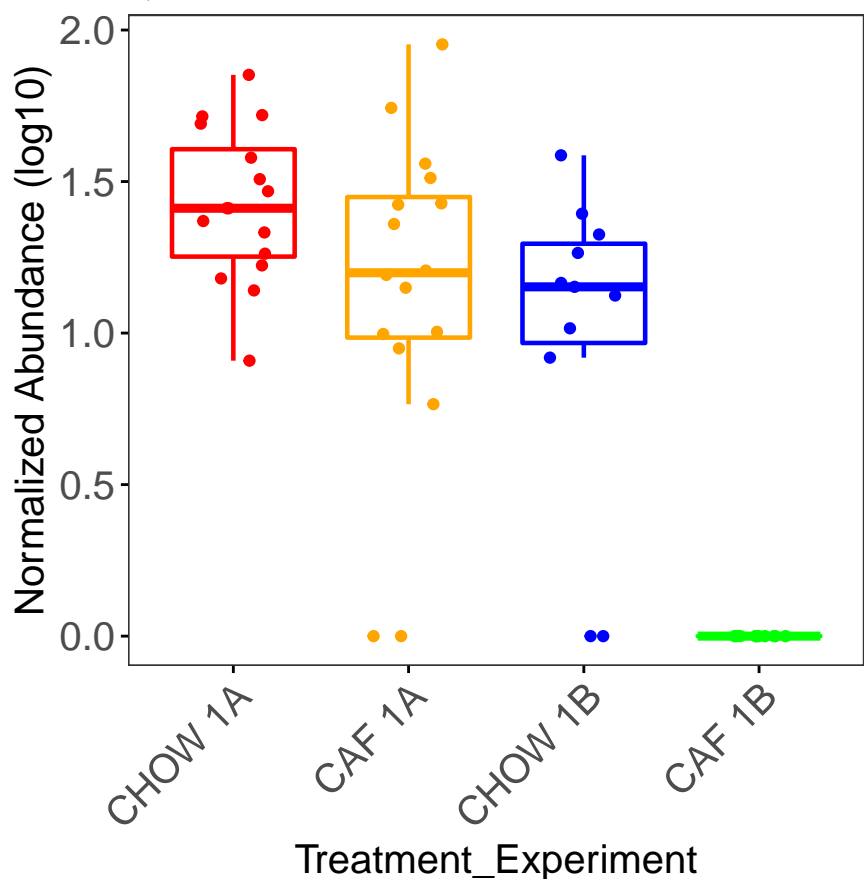
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Family XIII.____
Experiment 1A FDR = 0.65848
Experiment 1B FDR = 0.04279



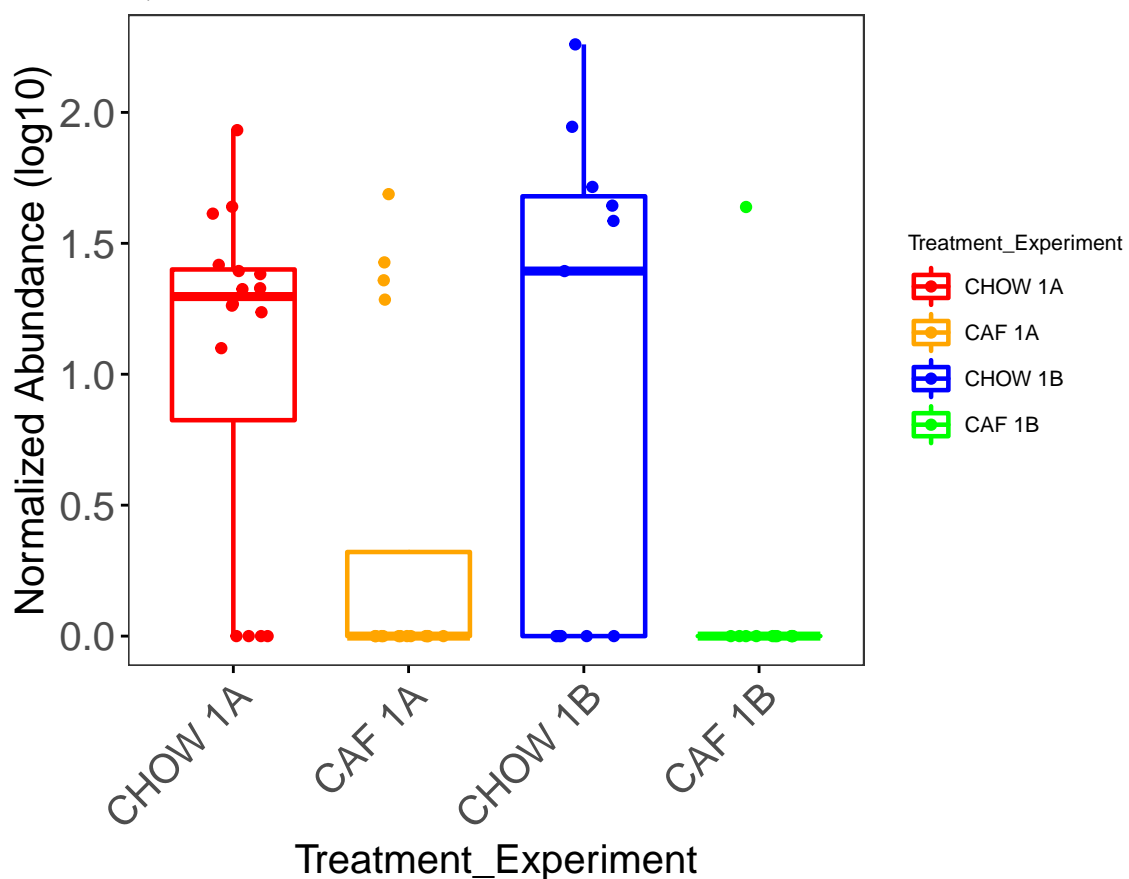
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__[Ruminococcus] gnavus group
Experiment 1A FDR = 0.68304
Experiment 1B FDR = 0.05818



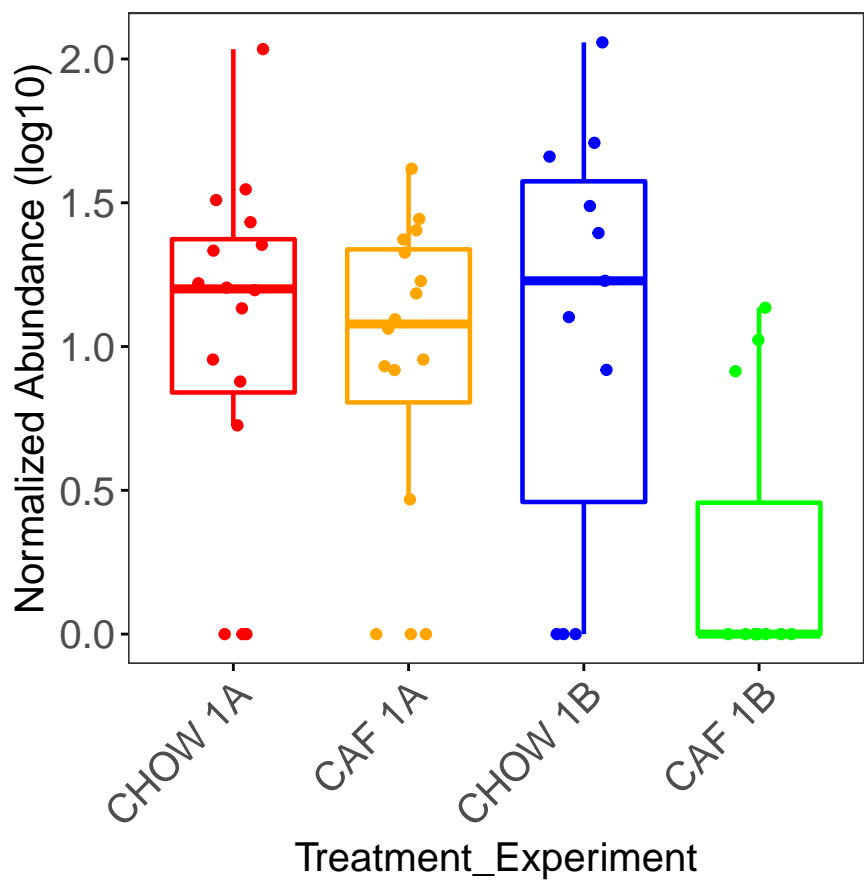
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.____
Experiment 1A FDR = 0.48961
Experiment 1B FDR = 0.00201



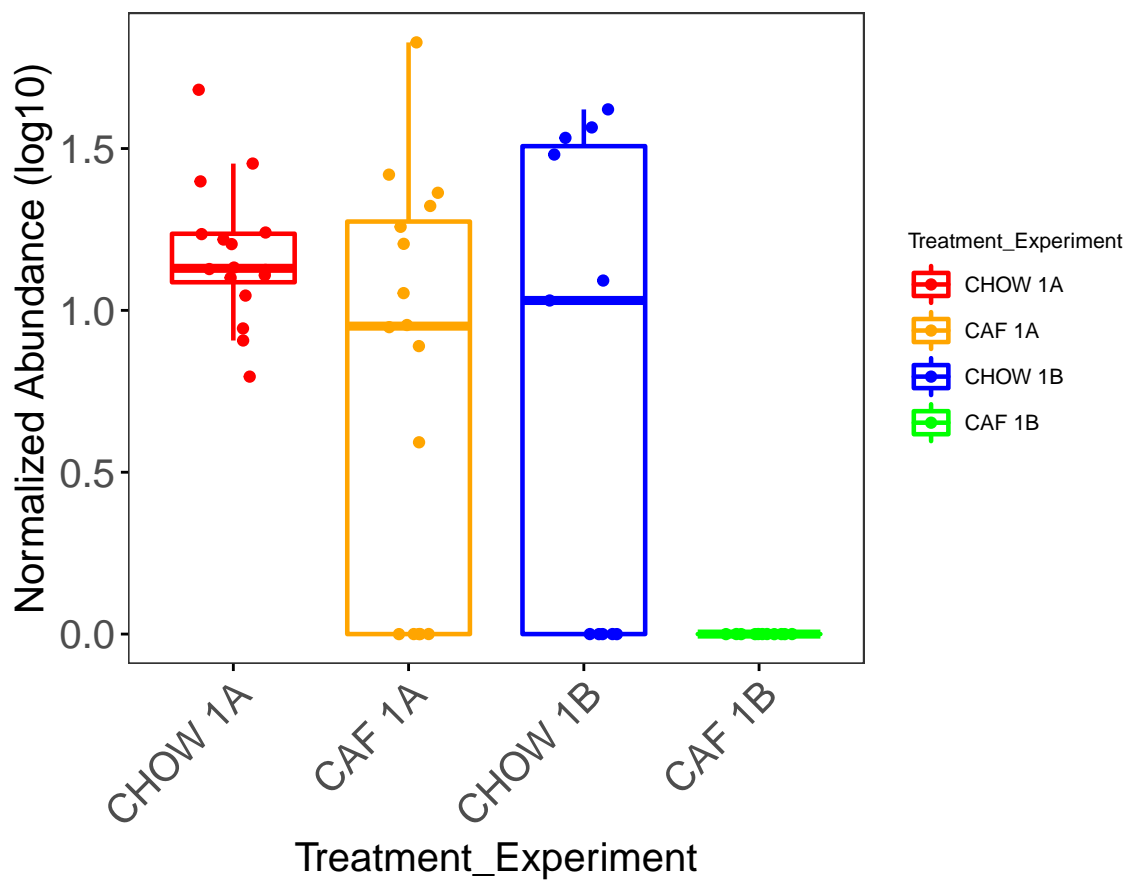
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Sellimonas
Experiment 1A FDR = 0.25718
Experiment 1B FDR = 0.06573



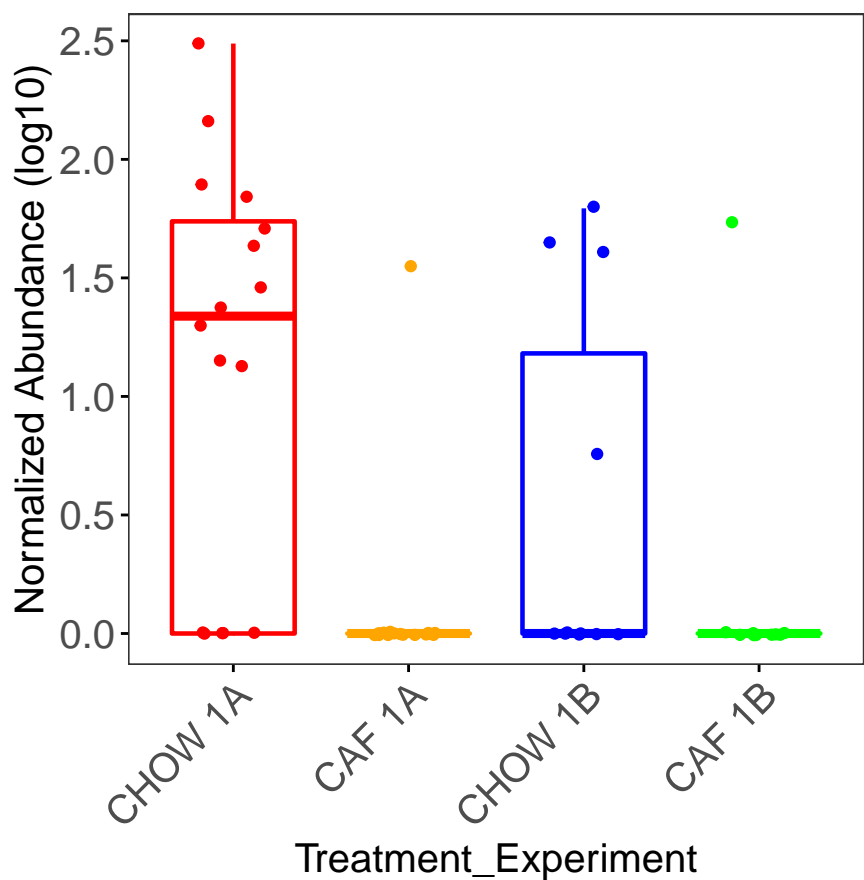
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Harryflintia
Experiment 1A FDR = 0.86171
Experiment 1B FDR = 0.03461



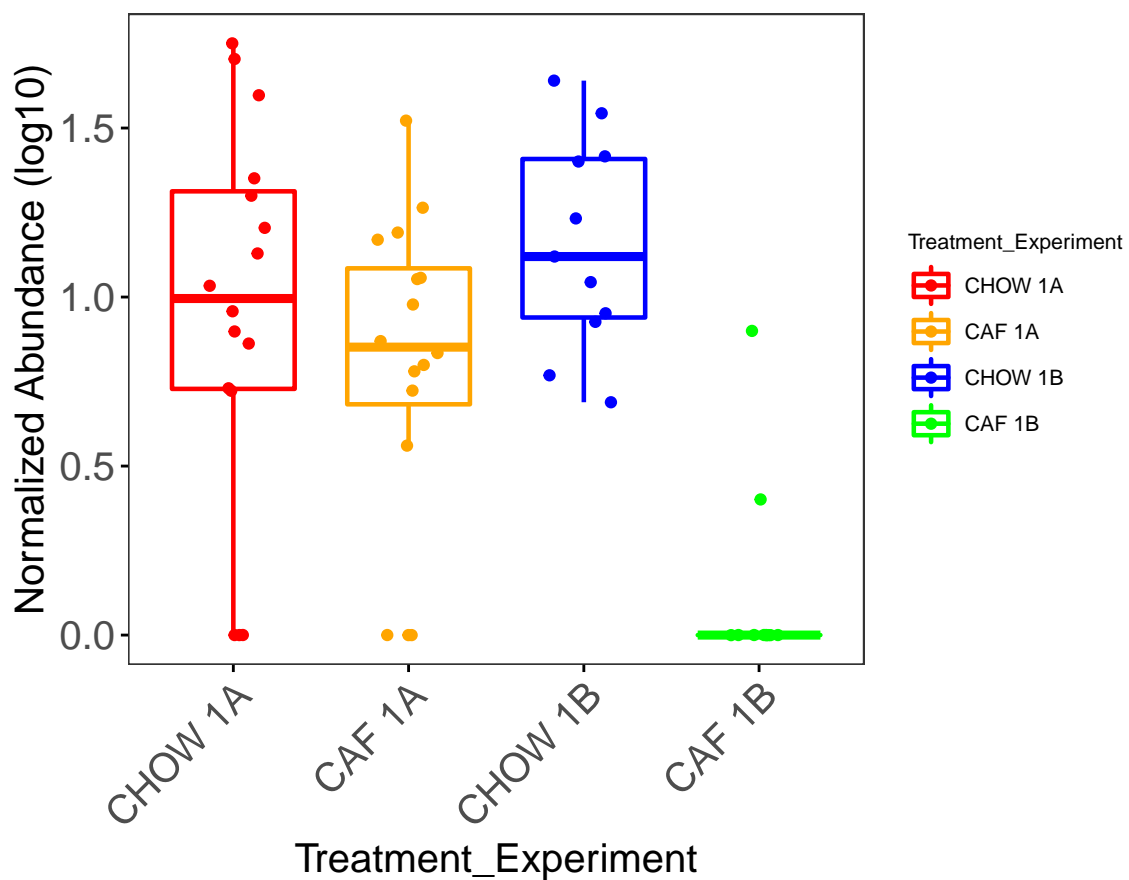
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__[Eubacterium] ventriosum group
Experiment 1A FDR = 0.50959
Experiment 1B FDR = 0.02455



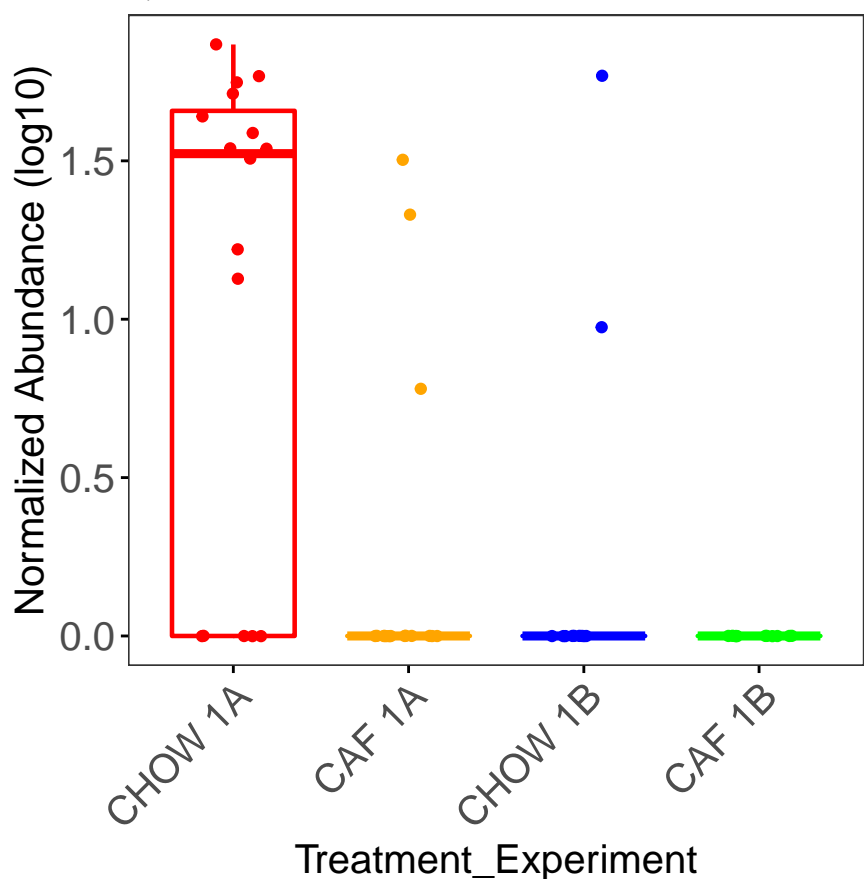
Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales.D.4__Burkholderiaceae...
Experiment 1A FDR = 0.01823
Experiment 1B FDR = 0.29501



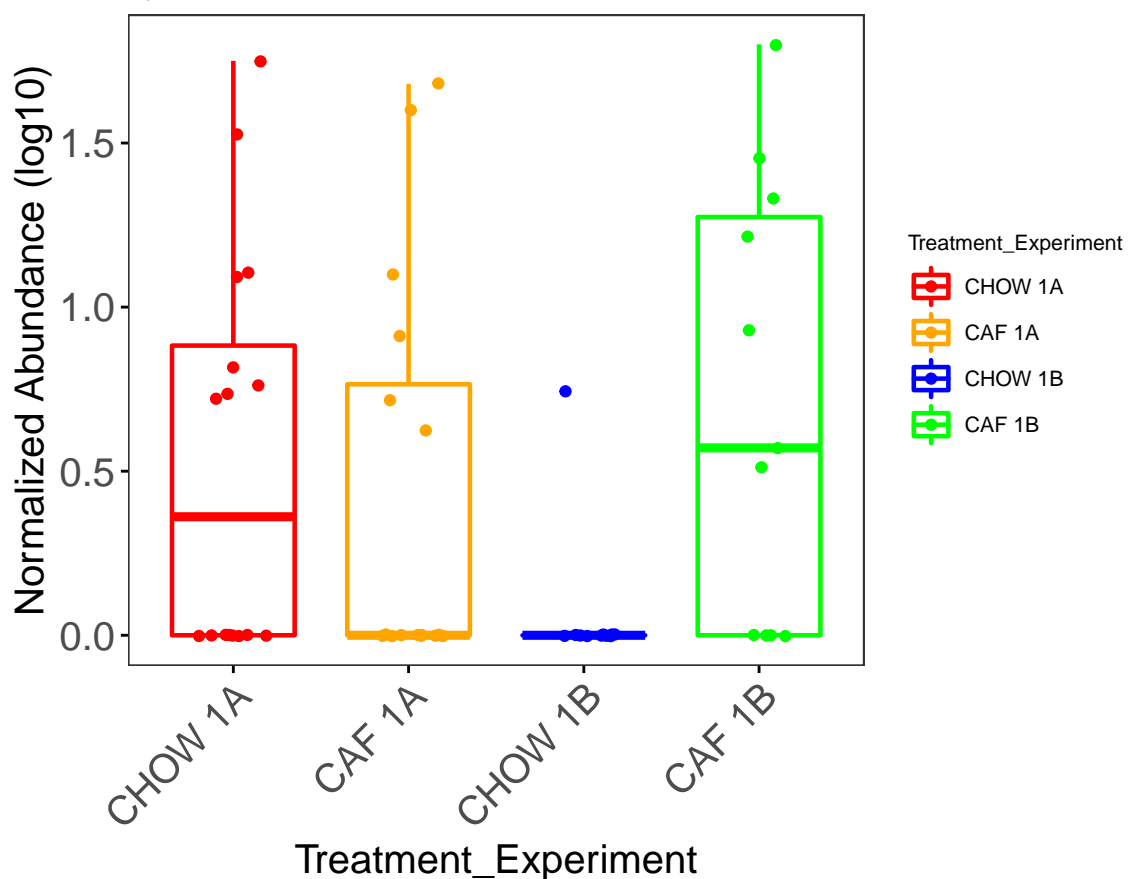
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Candidatus Soleiferrea...
Experiment 1A FDR = 0.68304
Experiment 1B FDR = 0.00077



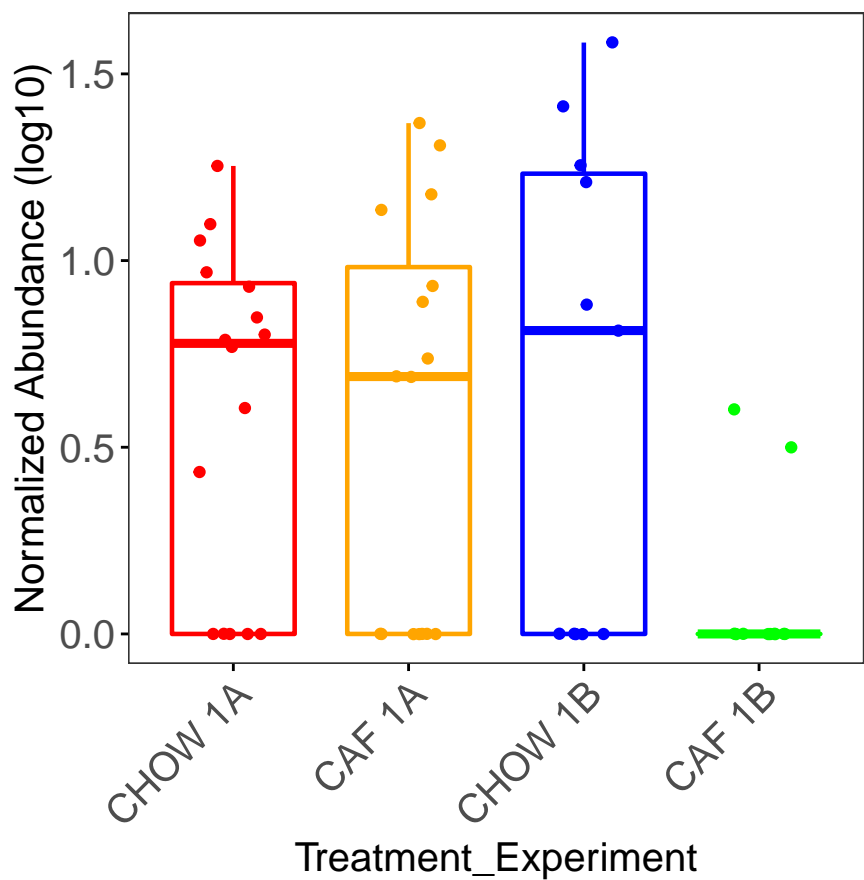
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Negativibacillus...
Experiment 1A FDR = 0.03488
Experiment 1B FDR = 0.28428



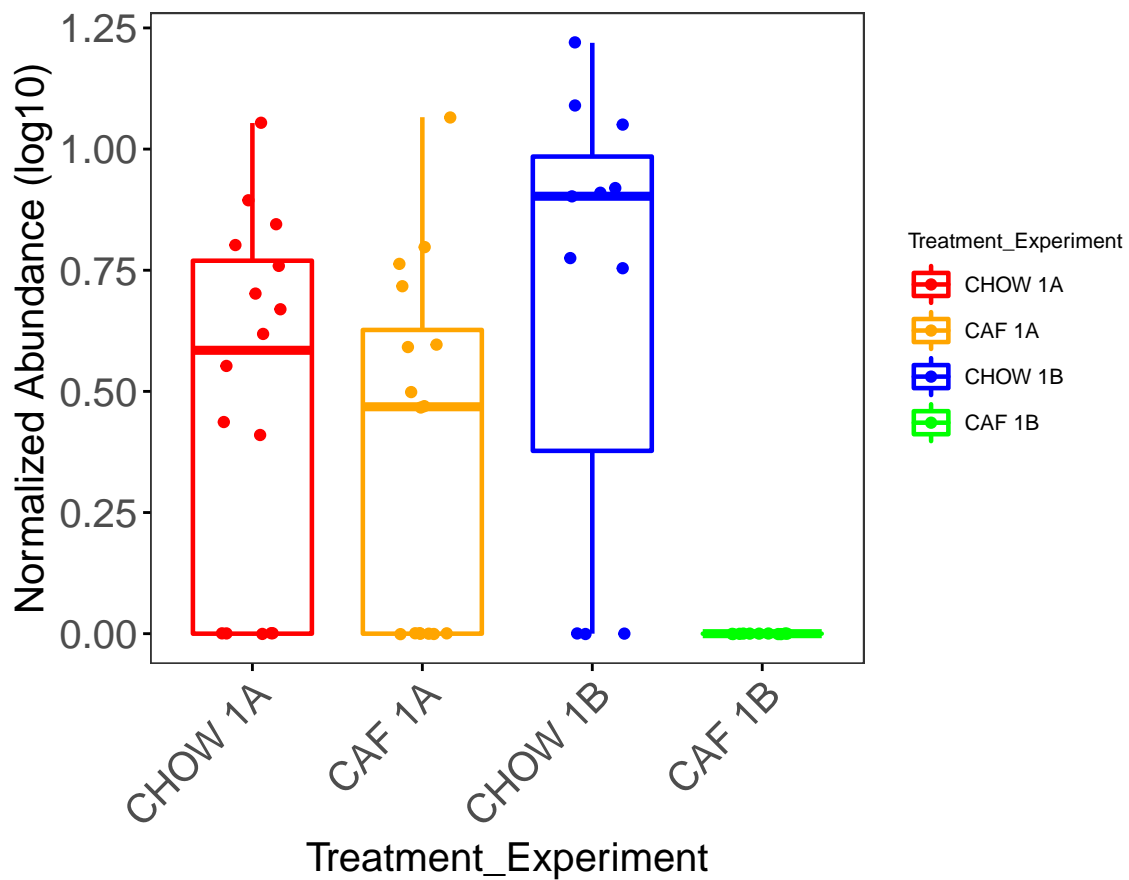
Cyanobacteria.D.2__Melainabacteria.D.3__Gastranaerophilales...
Experiment 1A FDR = 0.79901
Experiment 1B FDR = 0.0315



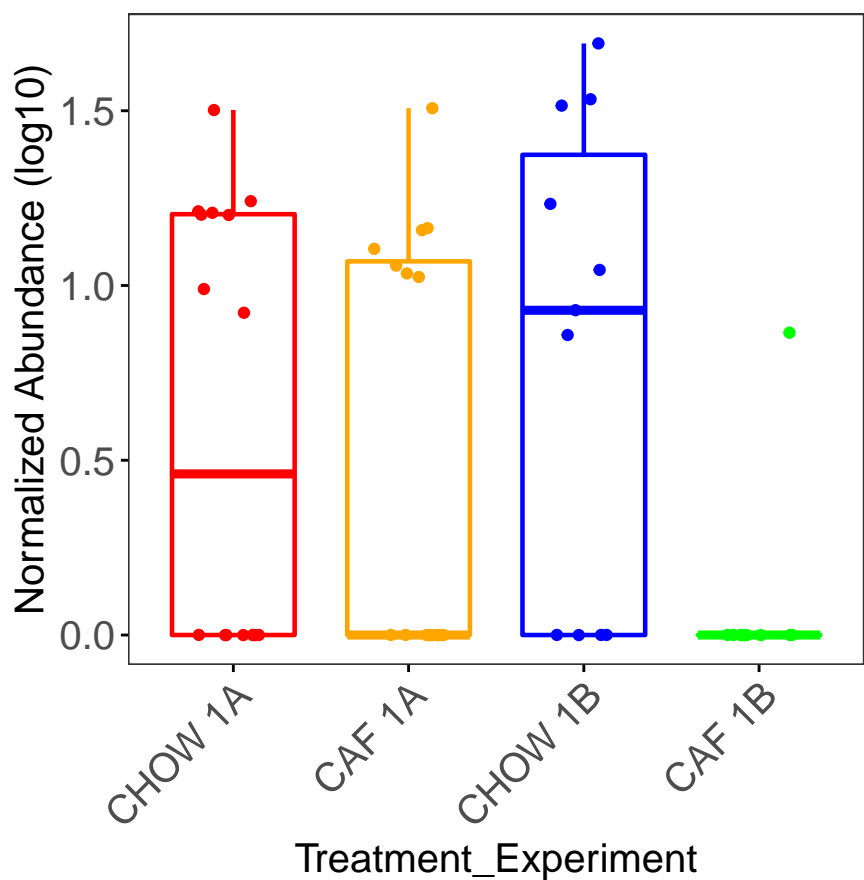
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Family XIII.D.5__Family XIII UCG-001...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.08443



Actinobacteria.D.2__Coriobacteria.D.3__Coriobacteriales.D.4__Coriobacteriales Incertae Sedis.D.5__uncultured...
Experiment 1A FDR = 0.70708
Experiment 1B FDR = 0.0048

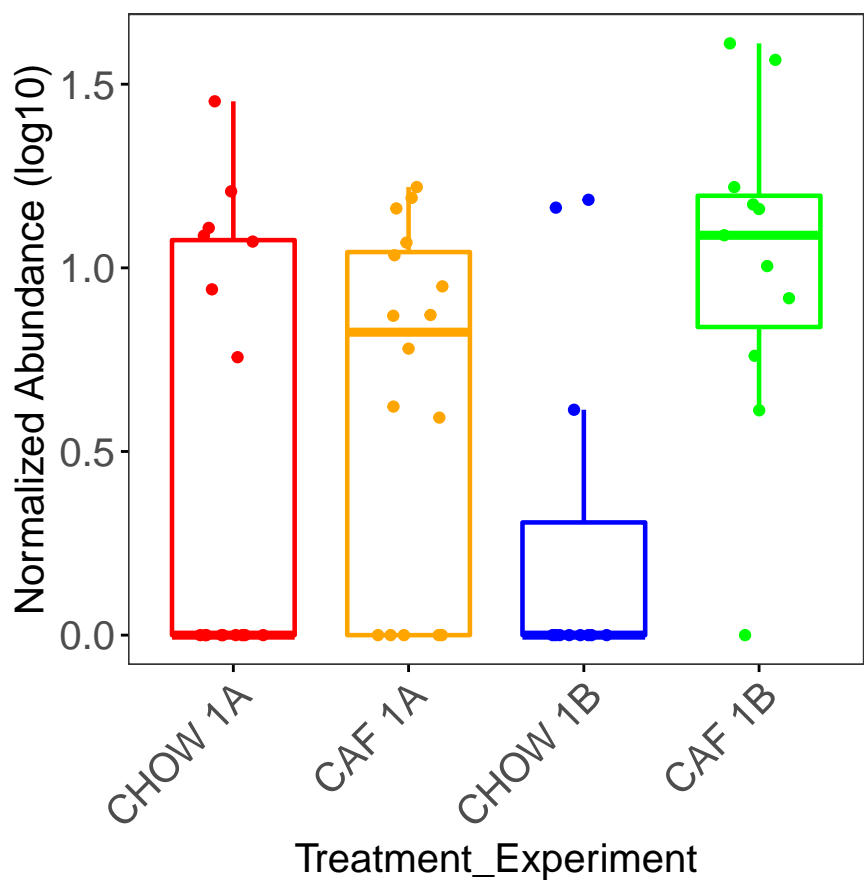


Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__GCA-900066225
Experiment 1A FDR = 0.80513
Experiment 1B FDR = 0.02778



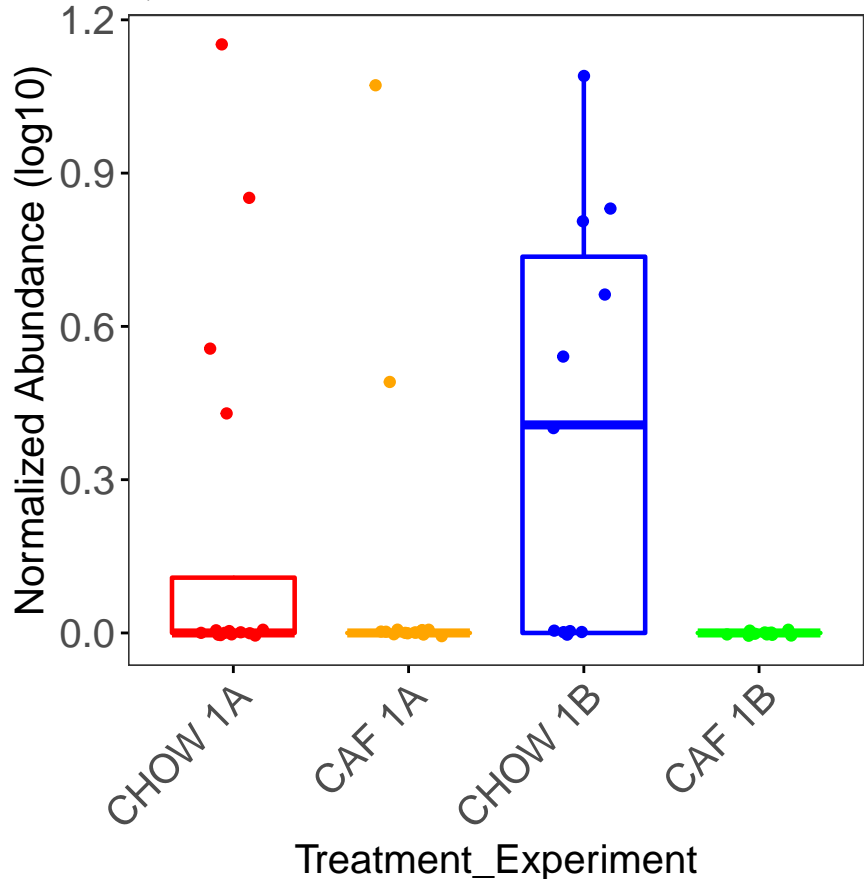
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Tyzzerella
Experiment 1A FDR = 0.79004
Experiment 1B FDR = 0.02797



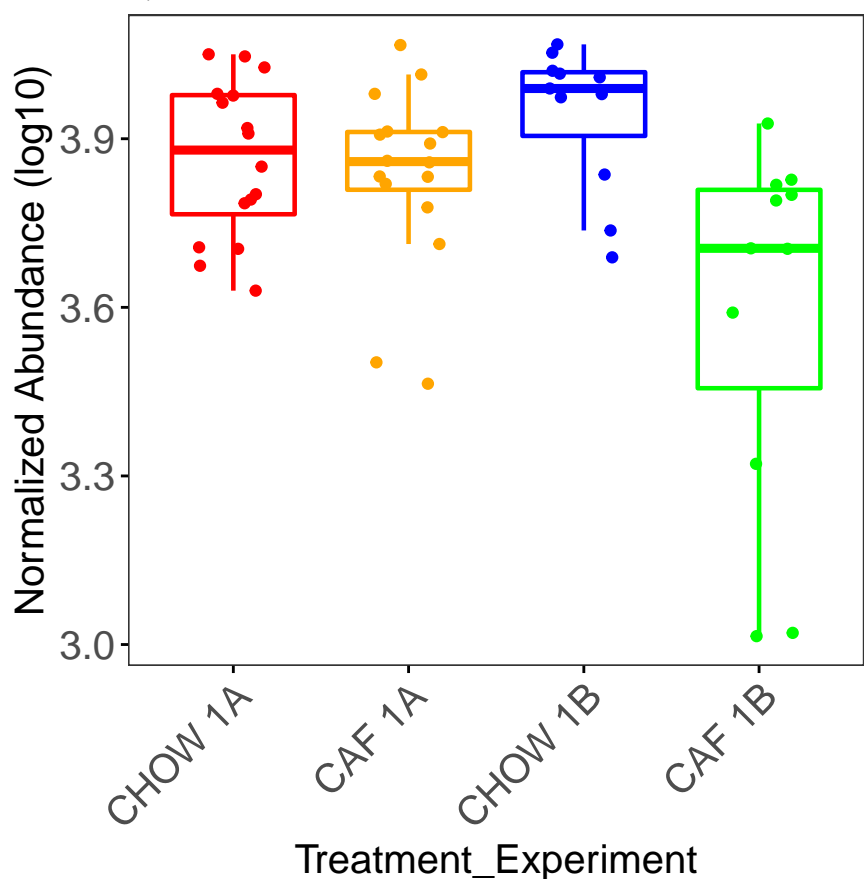
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Eubacteriaceae.D.5__Anaerofustis
Experiment 1A FDR = 0.70708
Experiment 1B FDR = 0.02455



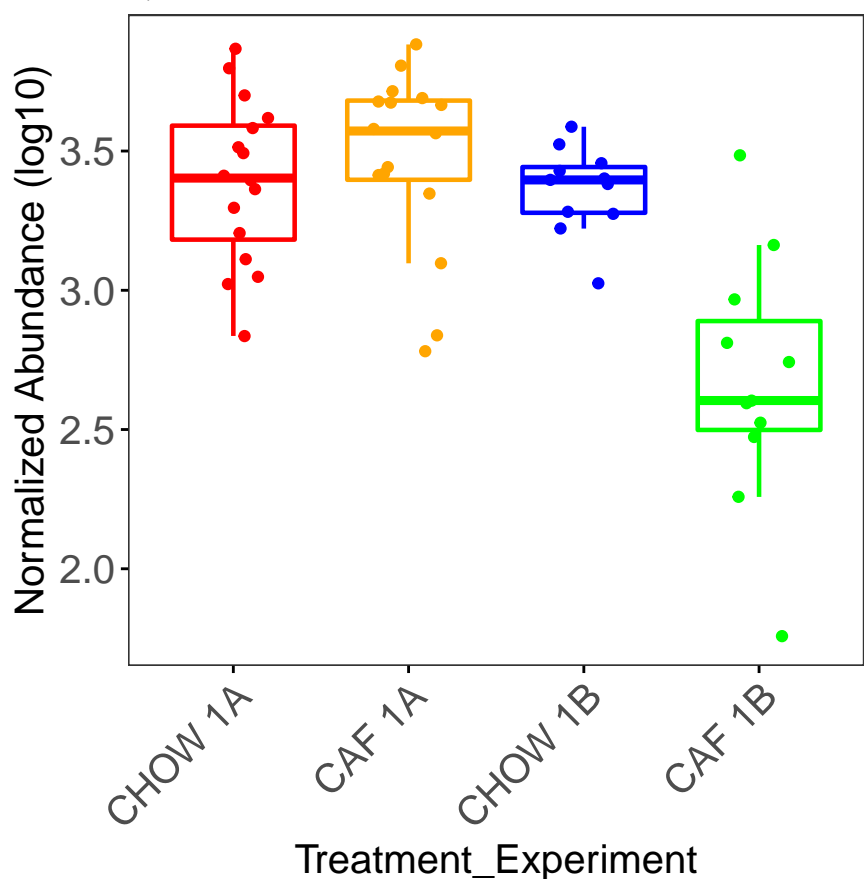
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Muribaculaceae____
Experiment 1A FDR = 0.97145
Experiment 1B FDR = 0.00565



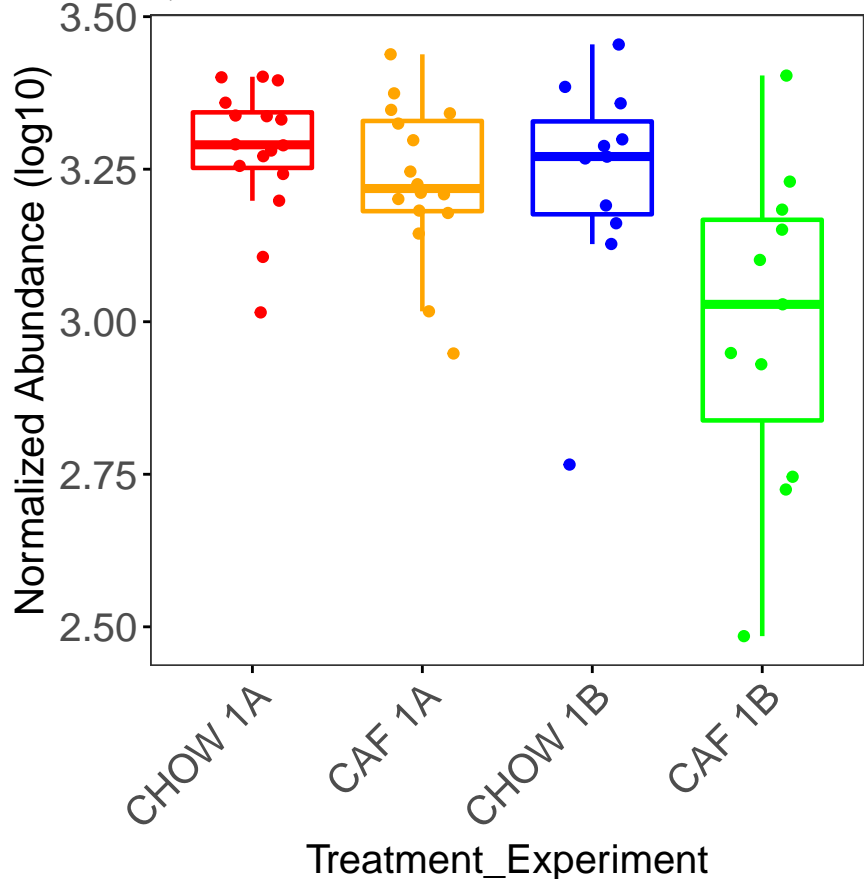
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae____
Experiment 1A FDR = 0.68655
Experiment 1B FDR = 0.00246



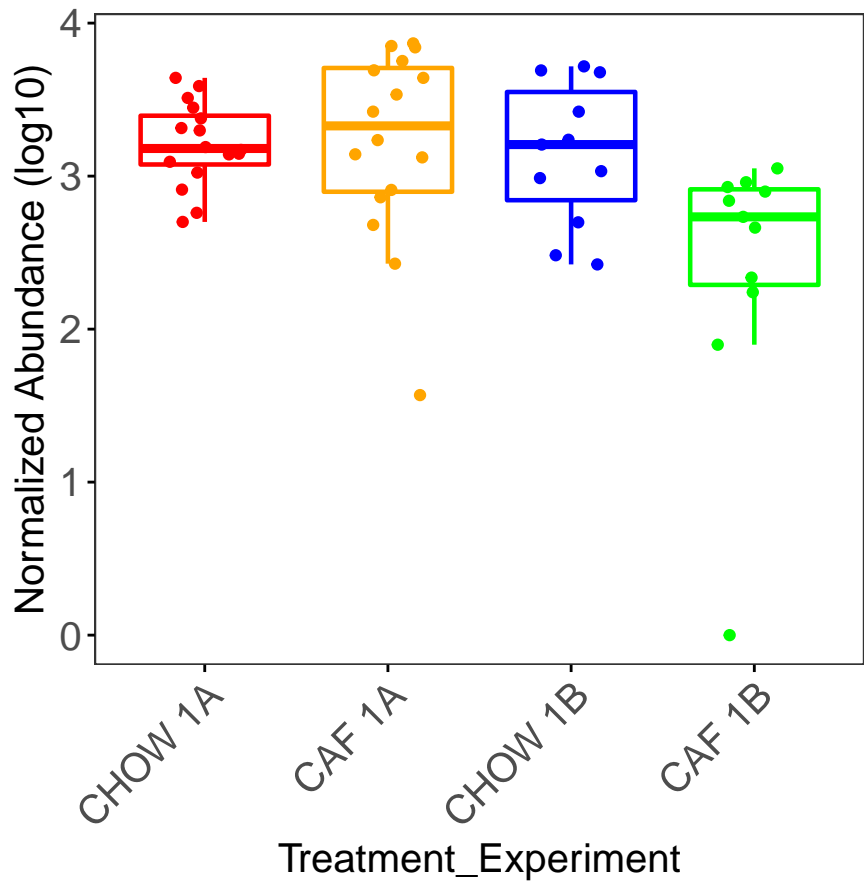
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales____
Experiment 1A FDR = 0.56574
Experiment 1B FDR = 0.03821



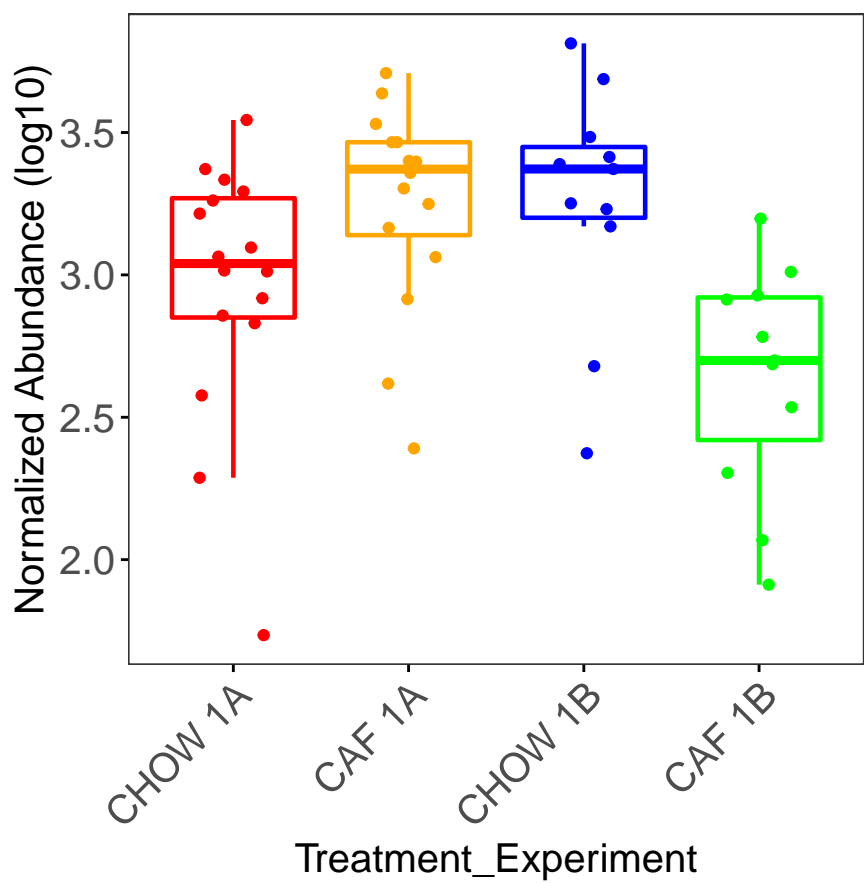
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcus 1____
Experiment 1A FDR = 0.82894
Experiment 1B FDR = 0.03328



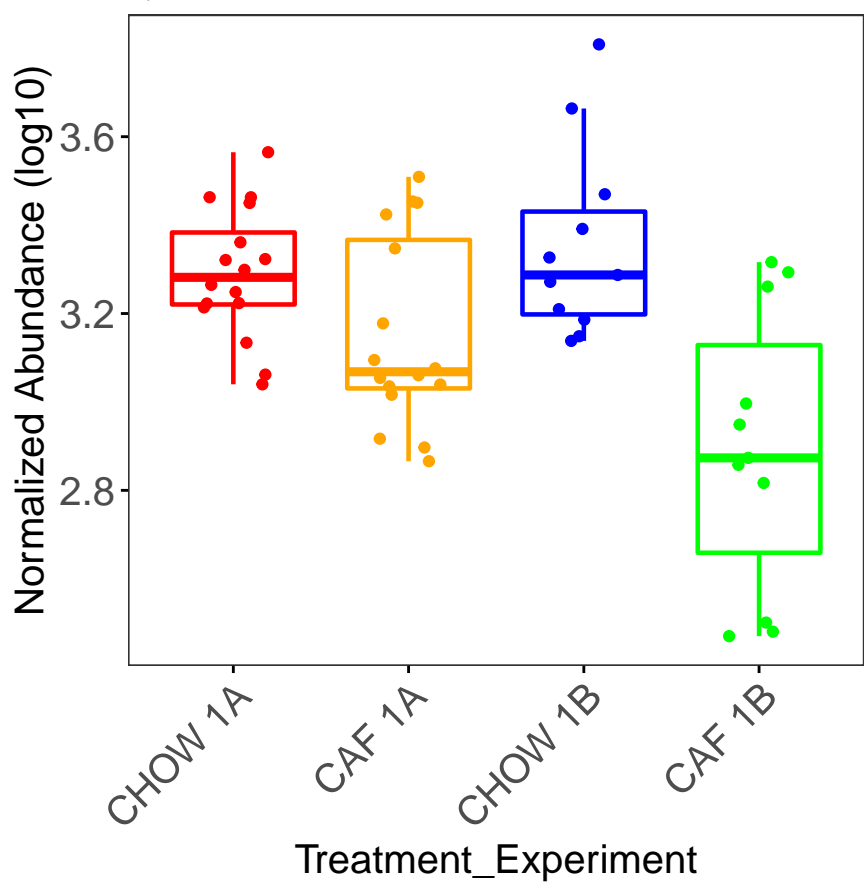
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-014____
Experiment 1A FDR = 0.26413
Experiment 1B FDR = 0.01159



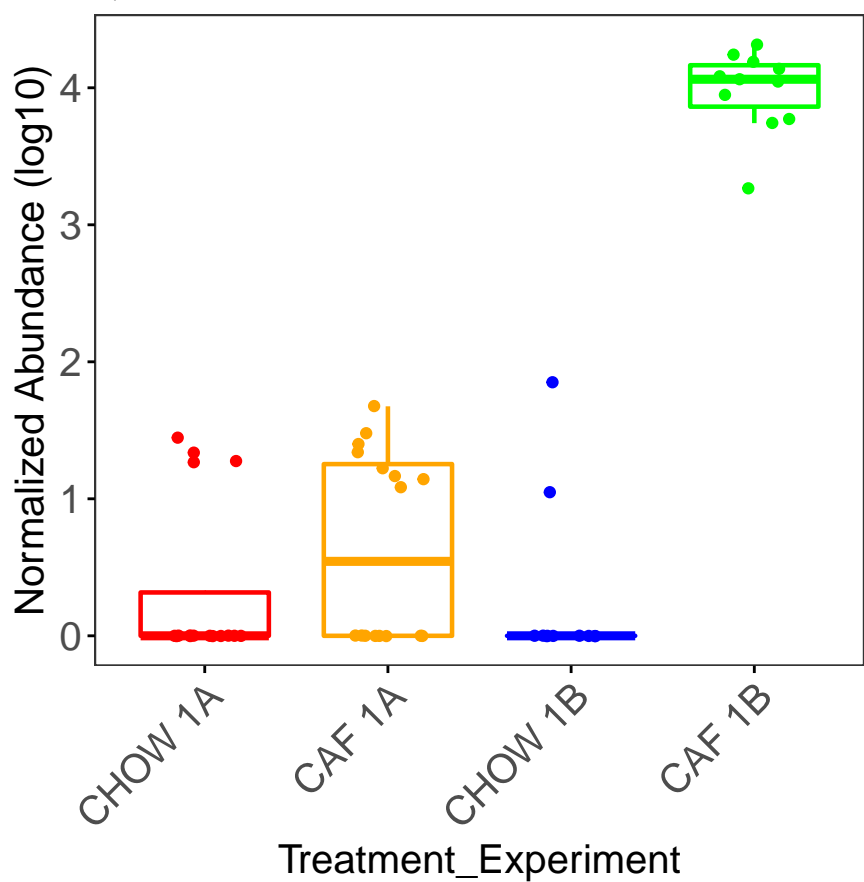
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae____
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.01159



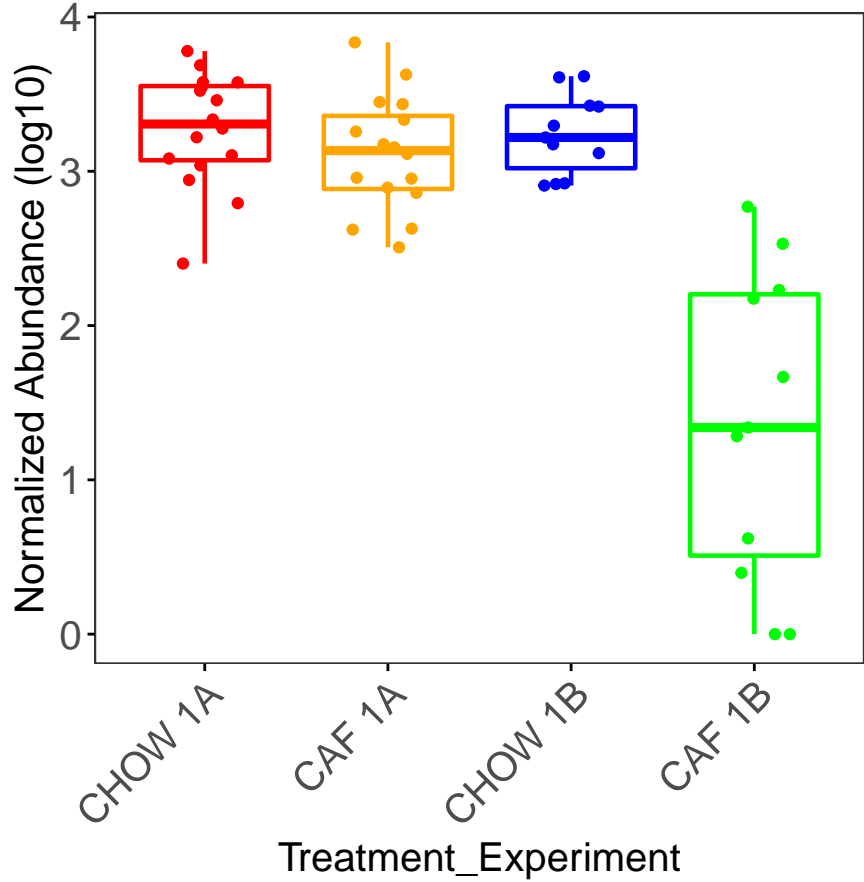
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.D.5__Allobaculum.D.6__uncultured bacterium____
Experiment 1A FDR = 0.56574
Experiment 1B FDR = 0.00101



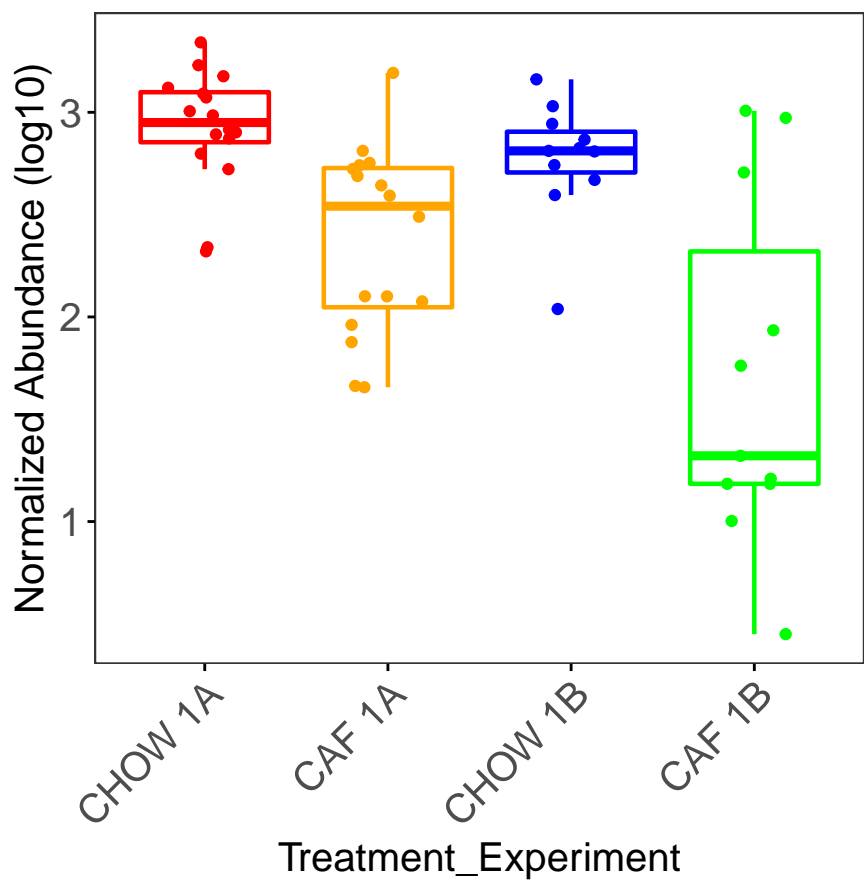
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Prevotellaceae NK3B31 group____
Experiment 1A FDR = 0.56574
Experiment 1B FDR = 0.00101



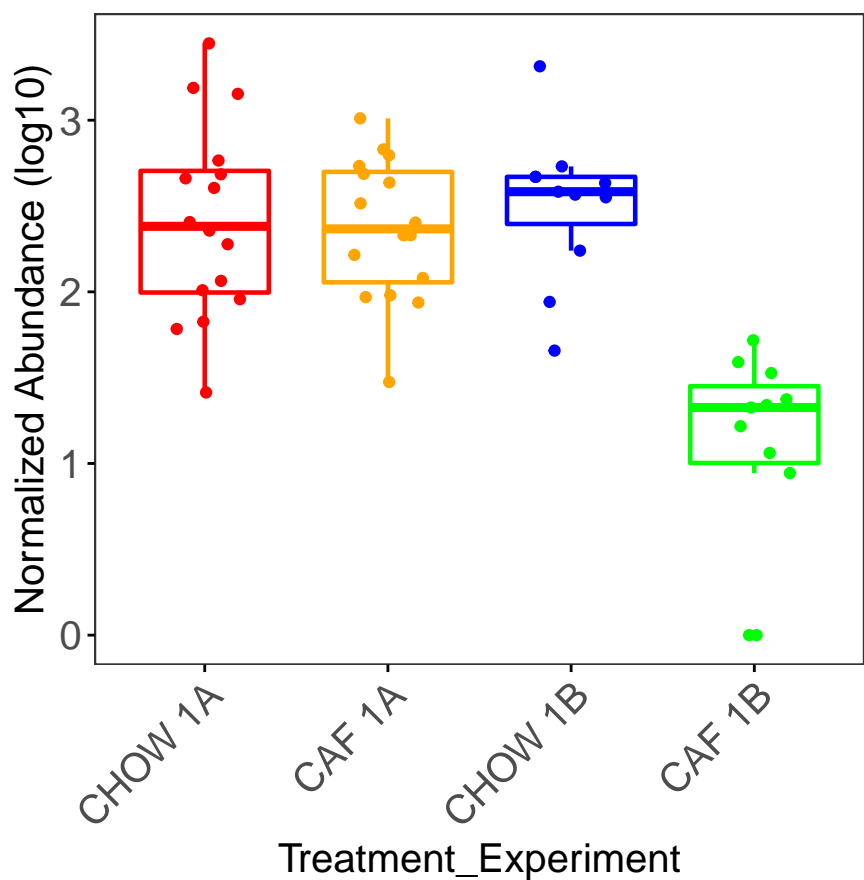
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales____
Experiment 1A FDR = 0.0142
Experiment 1B FDR = 0.02814

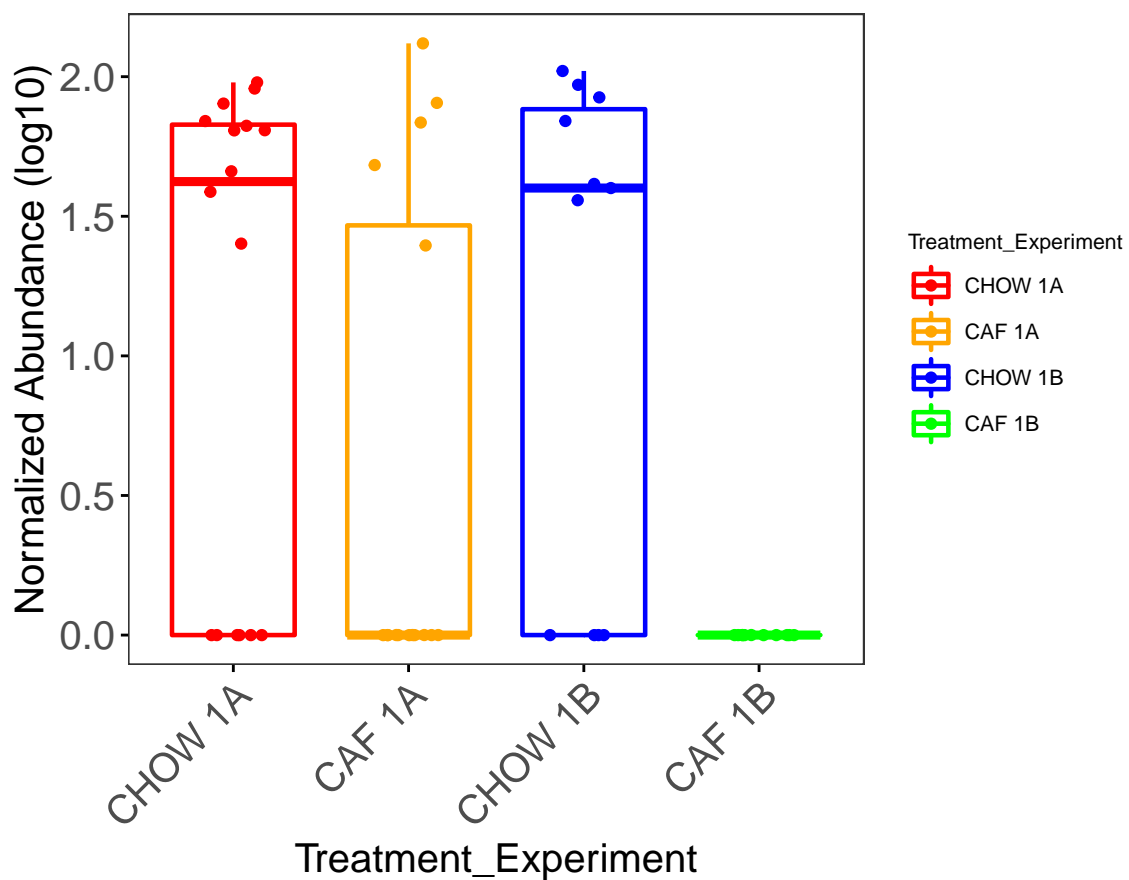


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

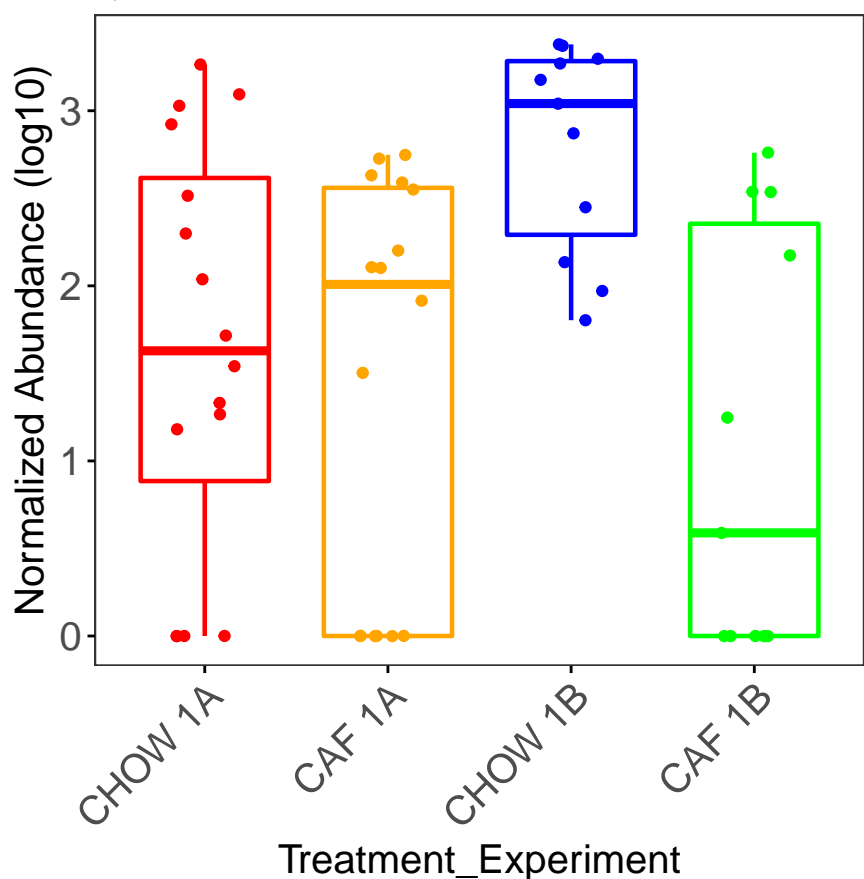
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 5__
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00121



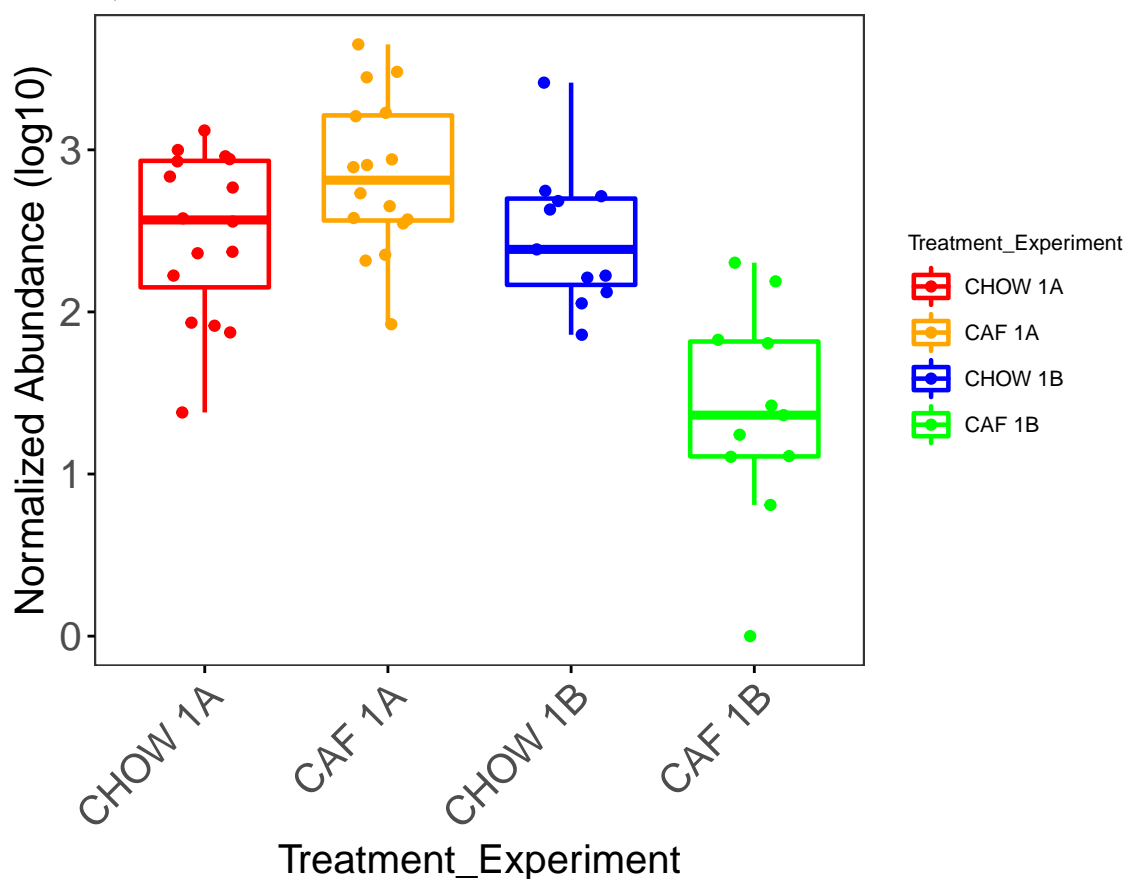
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae__
Experiment 1A FDR = 0.46744
Experiment 1B FDR = 0.01159



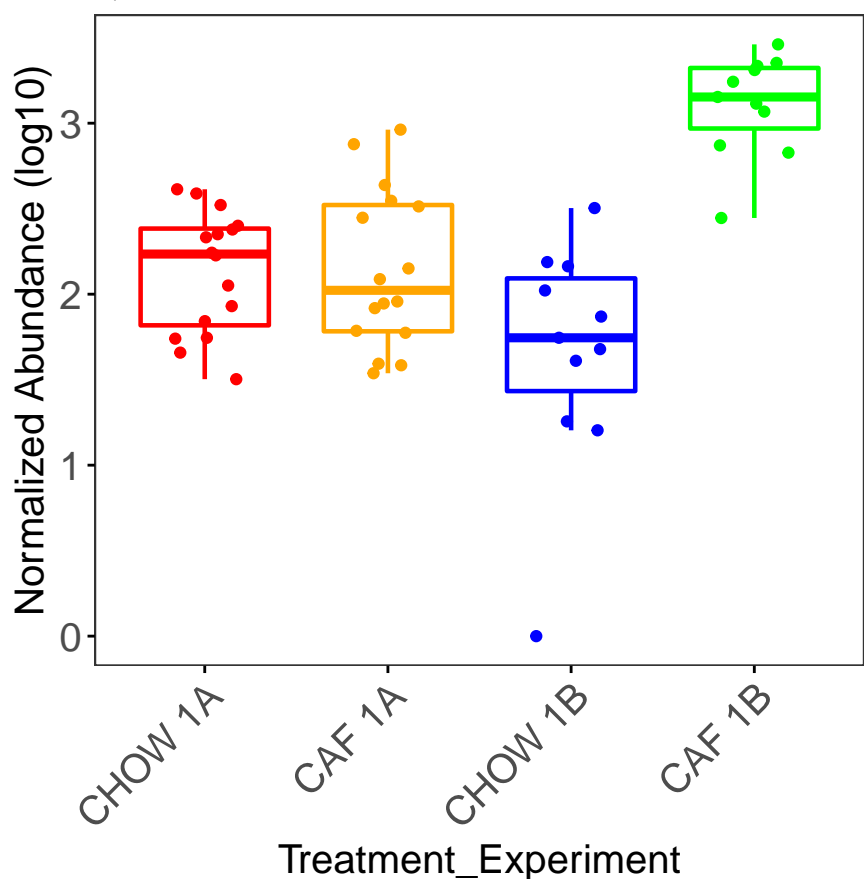
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcus 2__
Experiment 1A FDR = 0.96028
Experiment 1B FDR = 0.01276



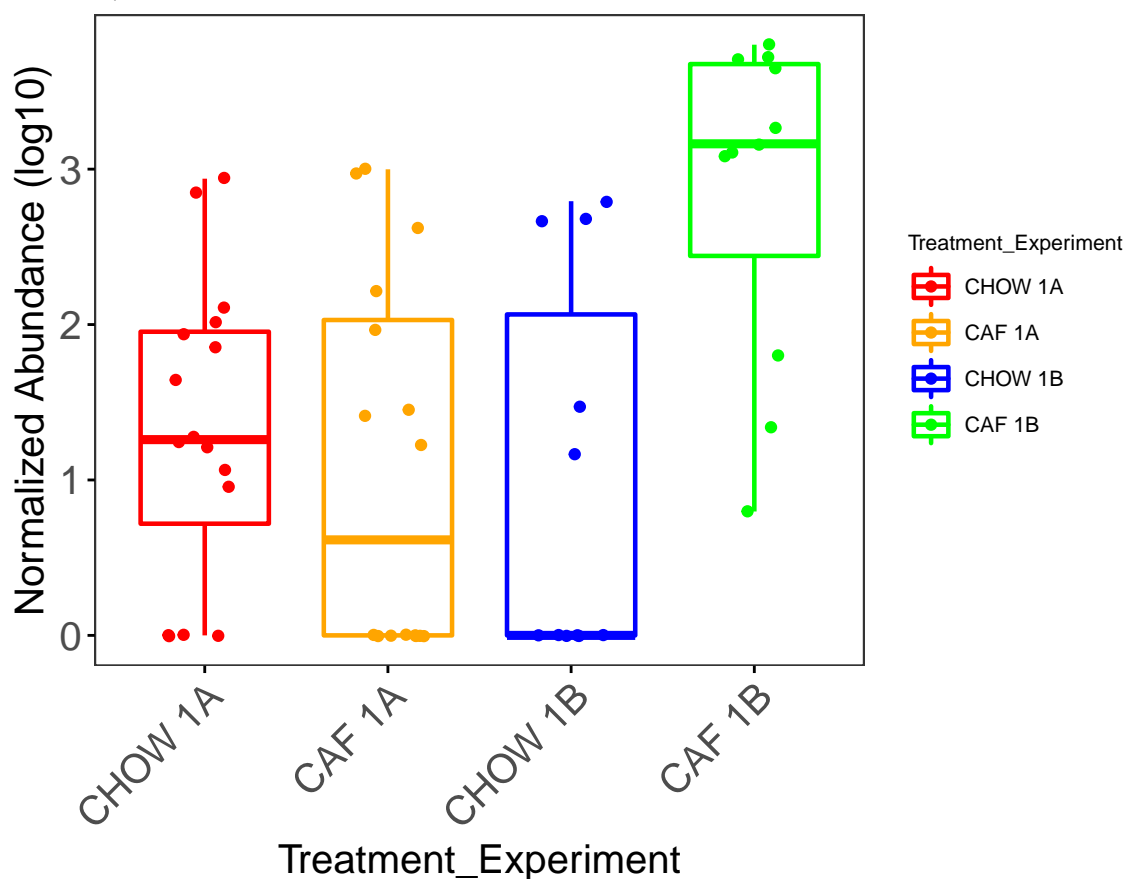
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-013__
Experiment 1A FDR = 0.46744
Experiment 1B FDR = 0.0017



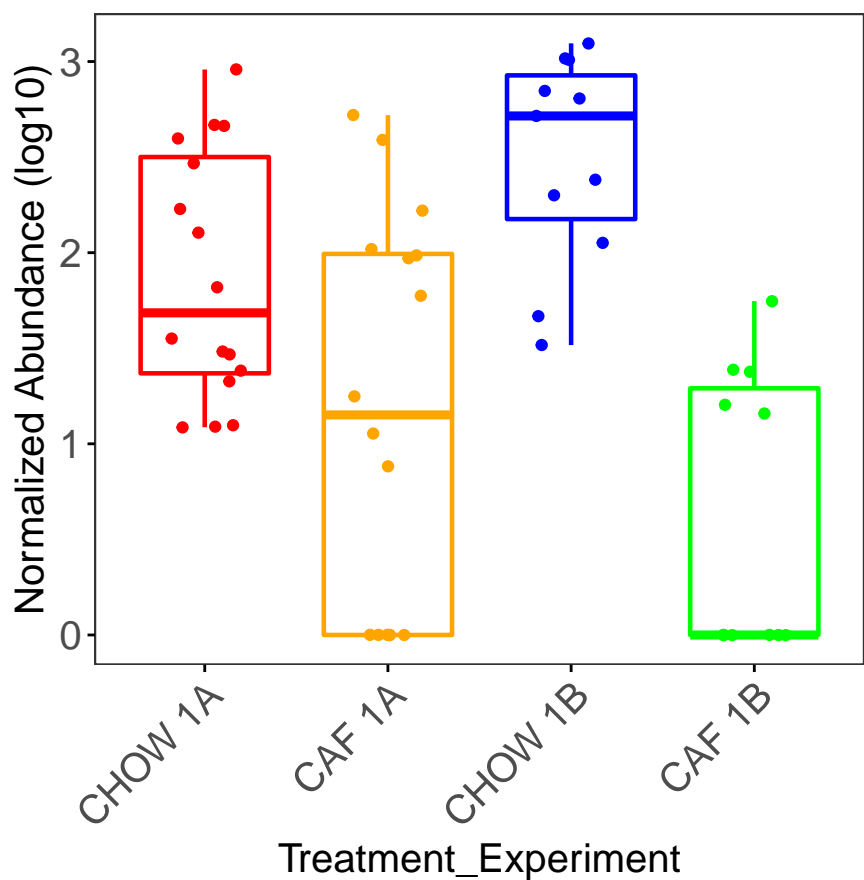
Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales.D.4__Burkholderiaceae.D.5__Parasutterella__
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00071



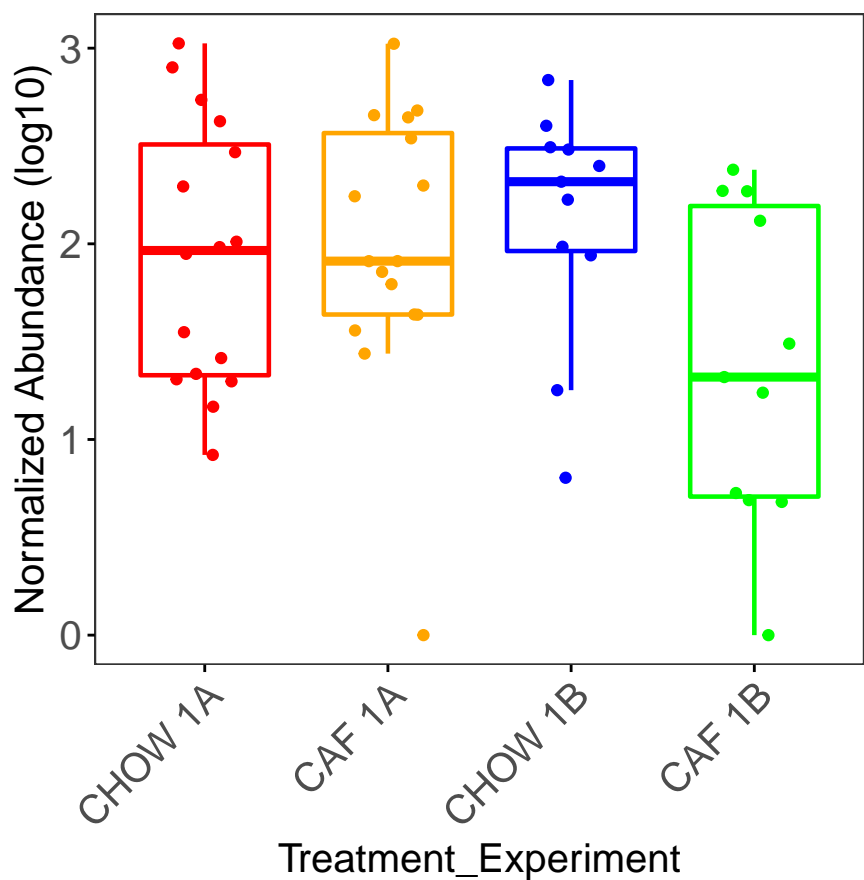
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.D.5__Allobaculum.D.6__uncultured Allobaculum sp__
Experiment 1A FDR = 0.90178
Experiment 1B FDR = 0.00758



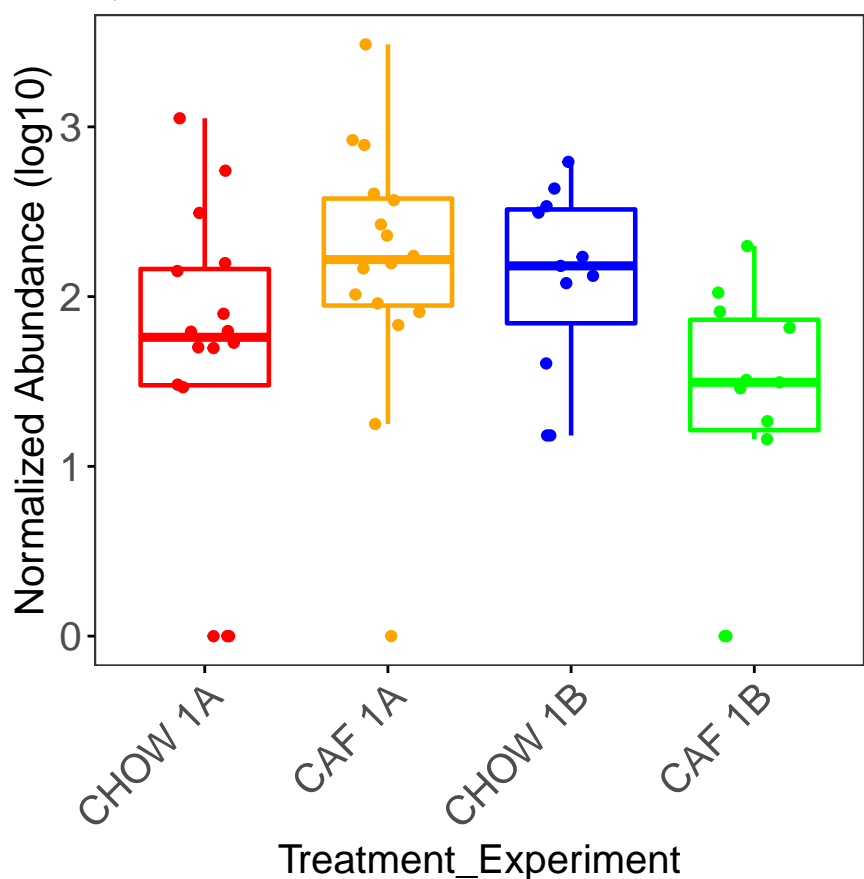
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 6...
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.00125



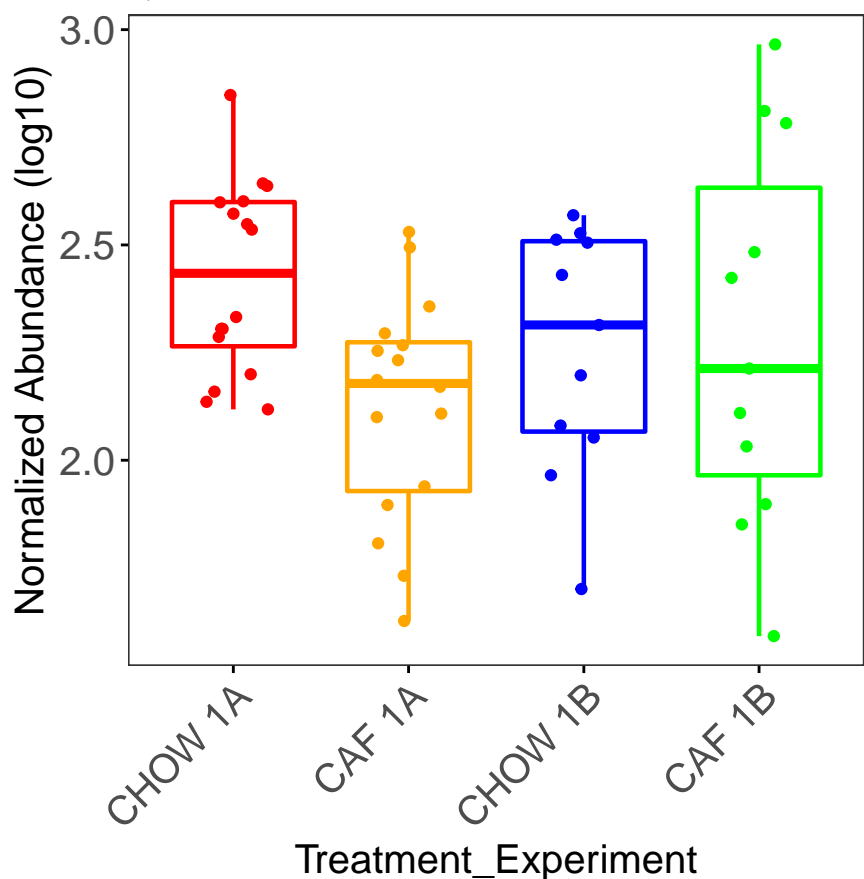
Tenericutes.D.2__Mollicutes.D.3__Mollicutes RF39...
Experiment 1A FDR = 0.92415
Experiment 1B FDR = 0.04906



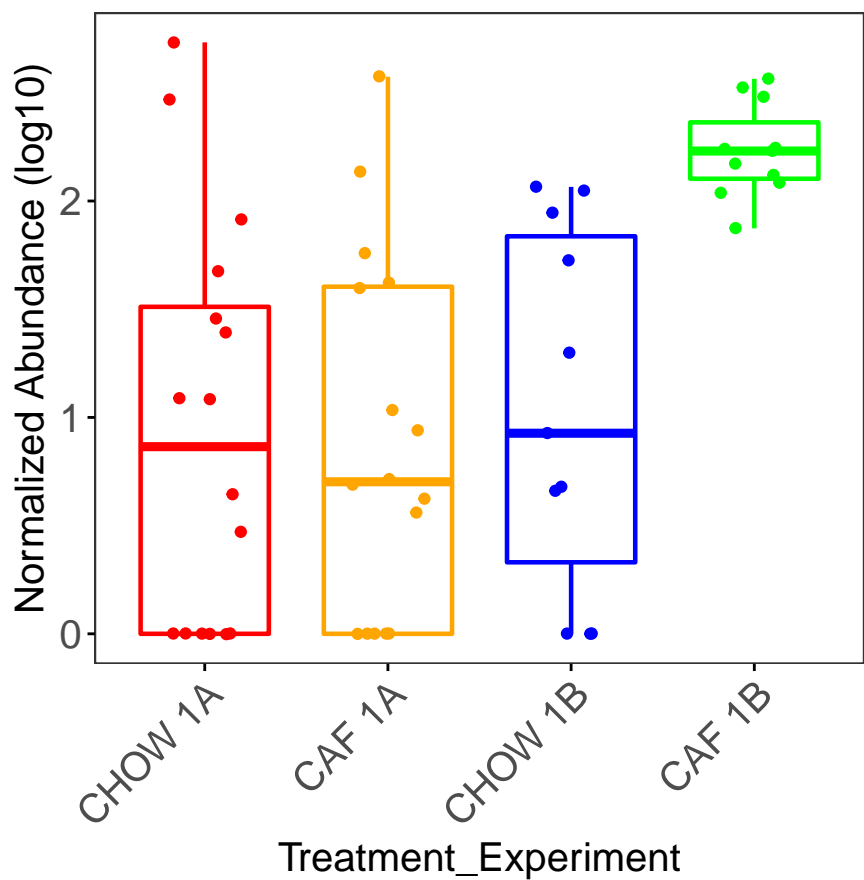
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__[Eubacterium] coprostanoligenes group.D.6__gut metagenome
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.047



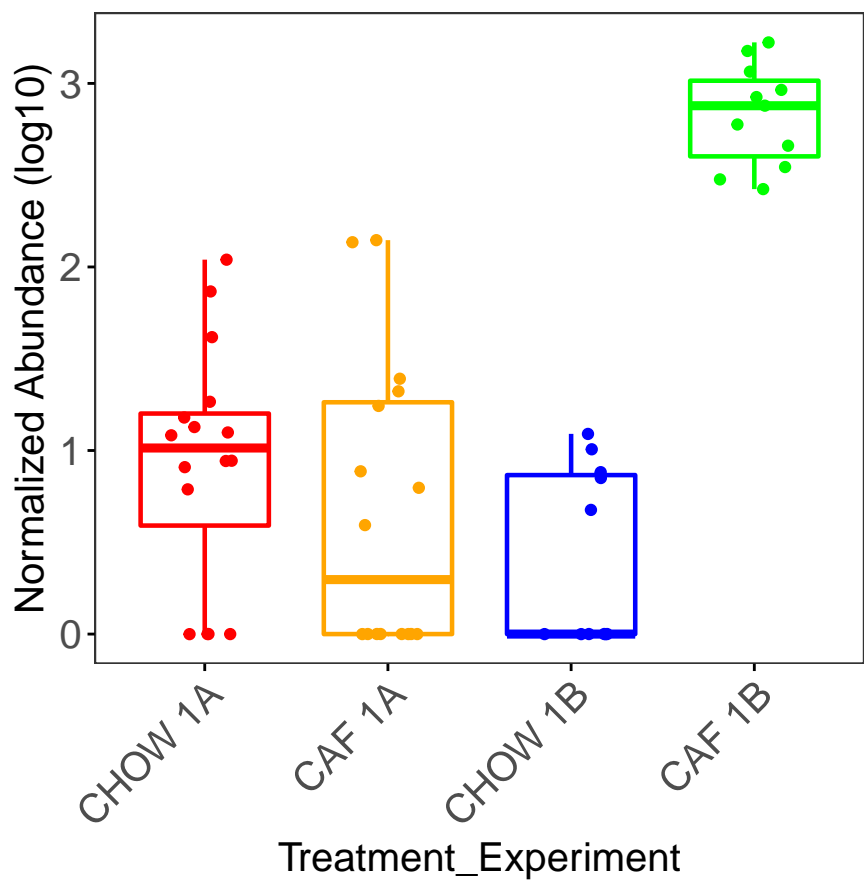
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Tannerellaceae.D.5__Parabacteroides...
Experiment 1A FDR = 0.05198
Experiment 1B FDR = 0.95638



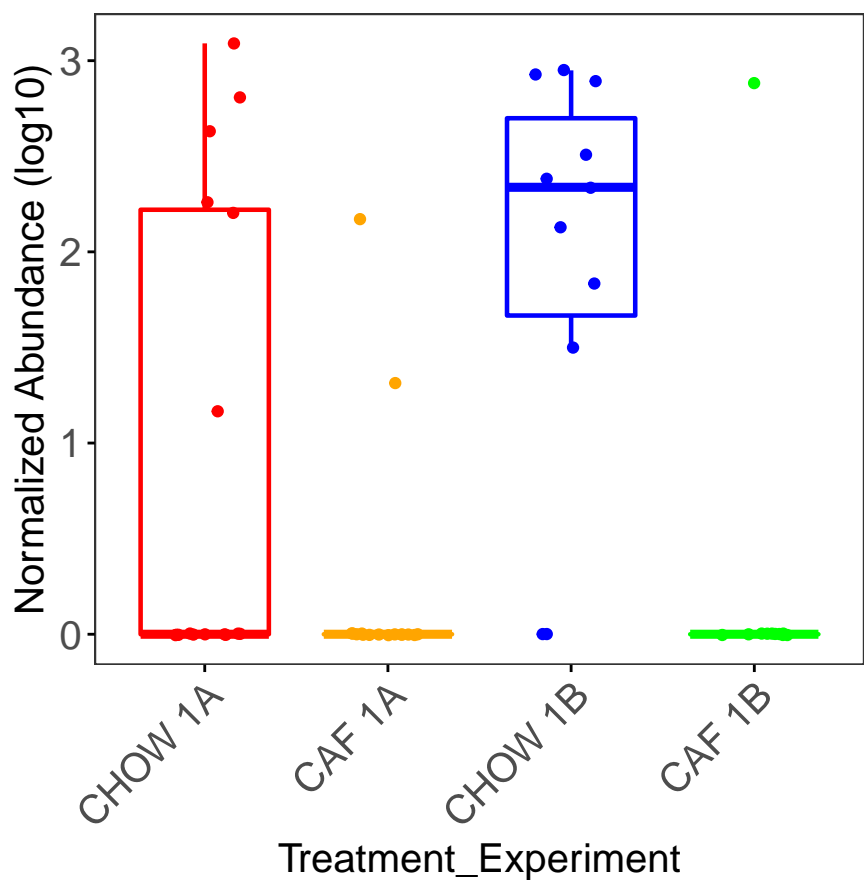
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Peptostreptococcaceae.D.5__Romboutsia...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00213



Actinobacteria.D.2__Actinobacteria.D.3__Bifidobacteriales.D.4__Bifidobacteriaceae.D.5__Bifidobacterium...
Experiment 1A FDR = 0.66879
Experiment 1B FDR = 0.00101

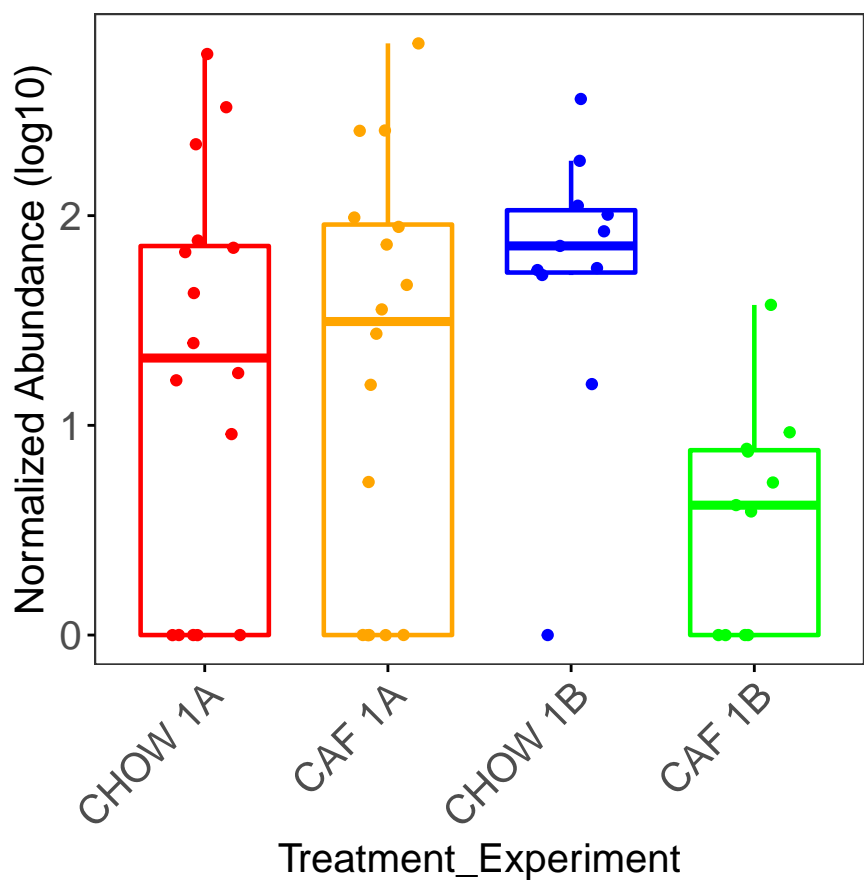


Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-014.D.6__unidentified rumen bacterium JW
Experiment 1A FDR = 0.36073
Experiment 1B FDR = 0.01159



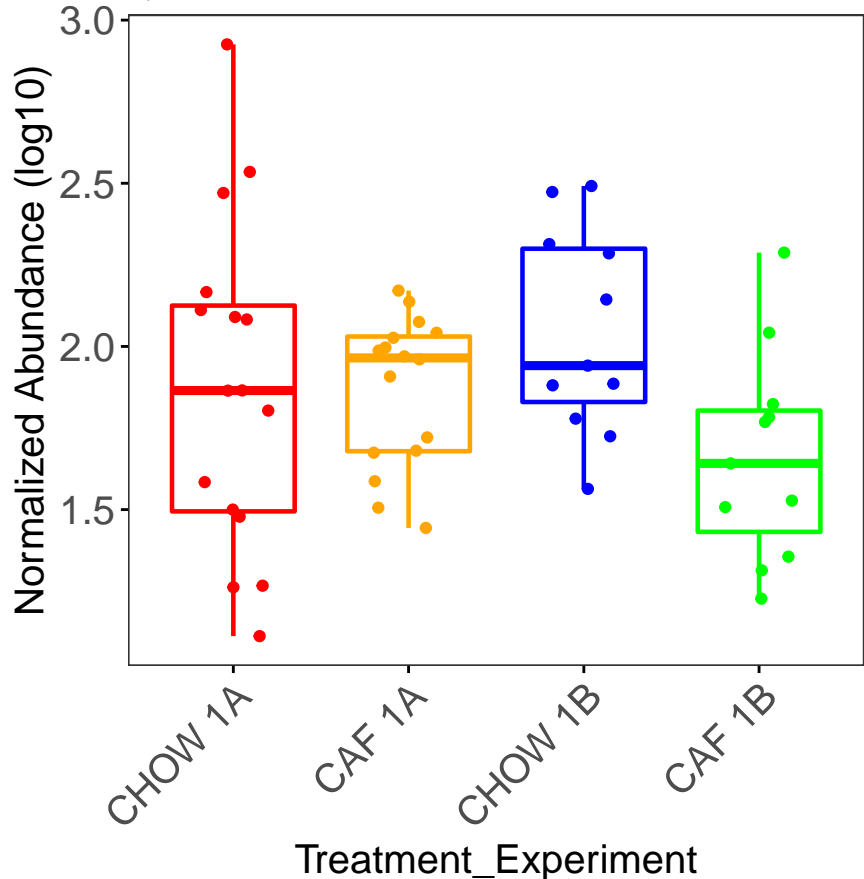
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Prevotellaceae UCG-001...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00546



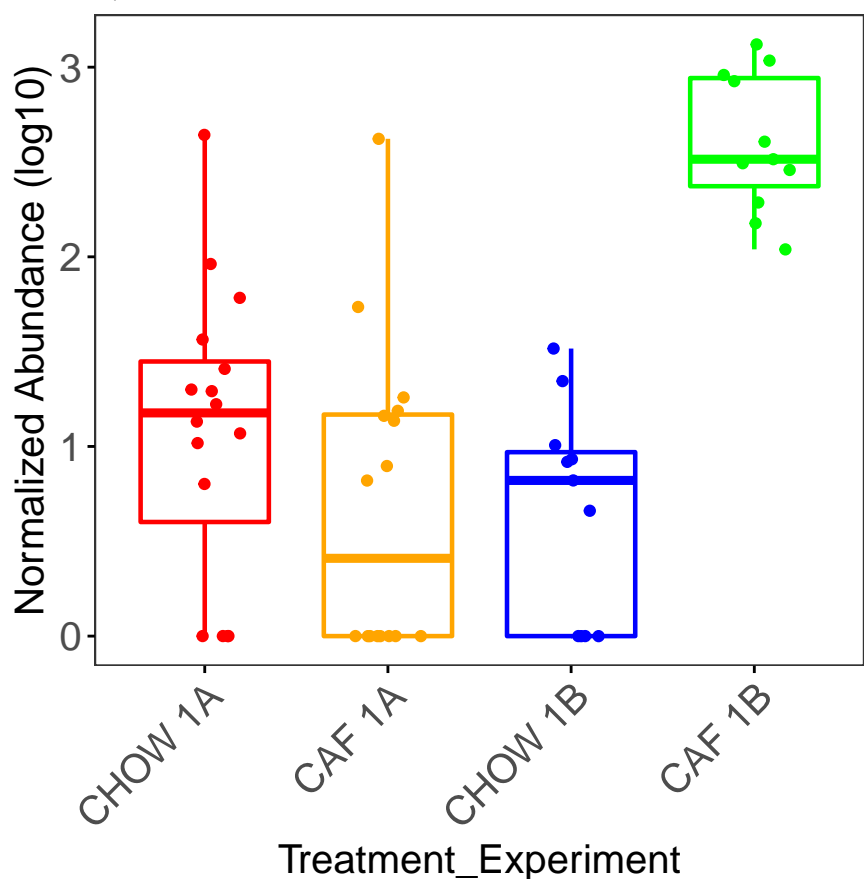
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Proteobacteria.D.2__Deltaproteobacteria.D.3__Desulfovibrionales.D.4__Desulfovibrionaceae.D.5__Desulfovibrio...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.03821



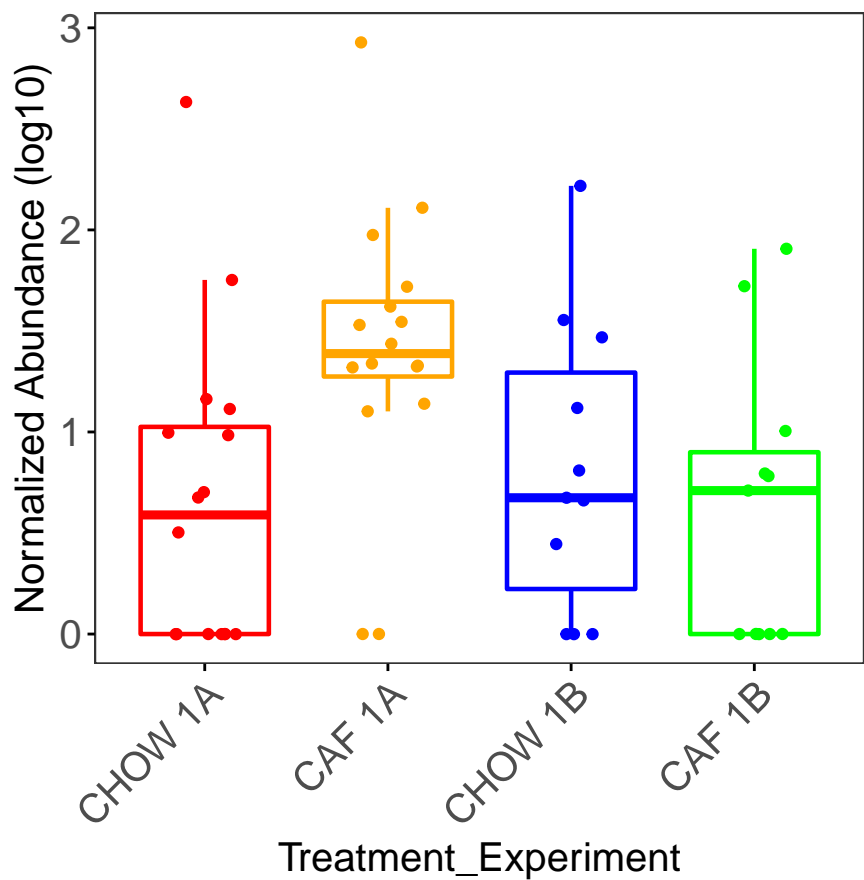
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae.D.5__Faecalibaculum.D.6__uncultured bacterium
Experiment 1A FDR = 0.46744
Experiment 1B FDR = 0.00101



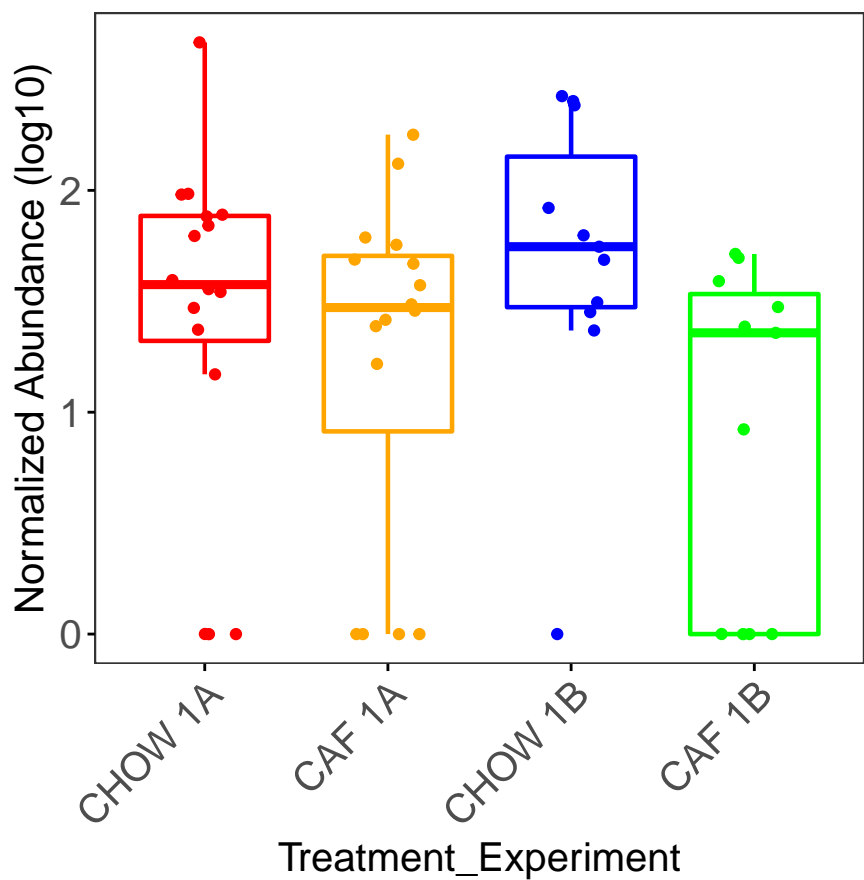
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes...
Experiment 1A FDR = 0.08288
Experiment 1B FDR = 0.7171



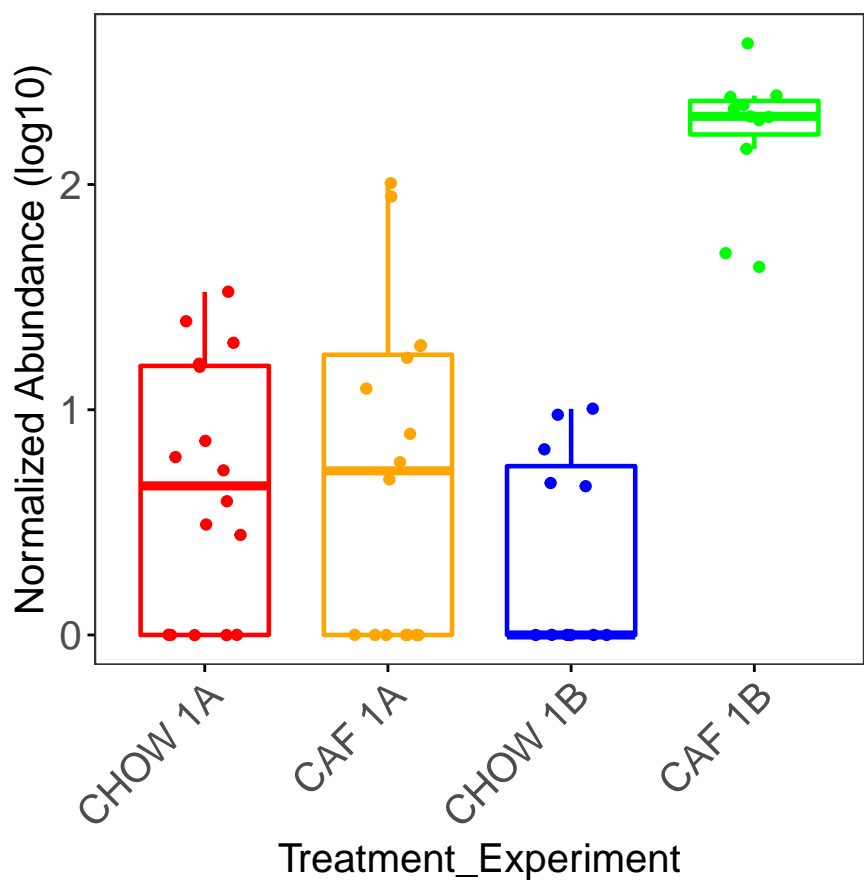
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Roseburia...
Experiment 1A FDR = 0.72981
Experiment 1B FDR = 0.04107



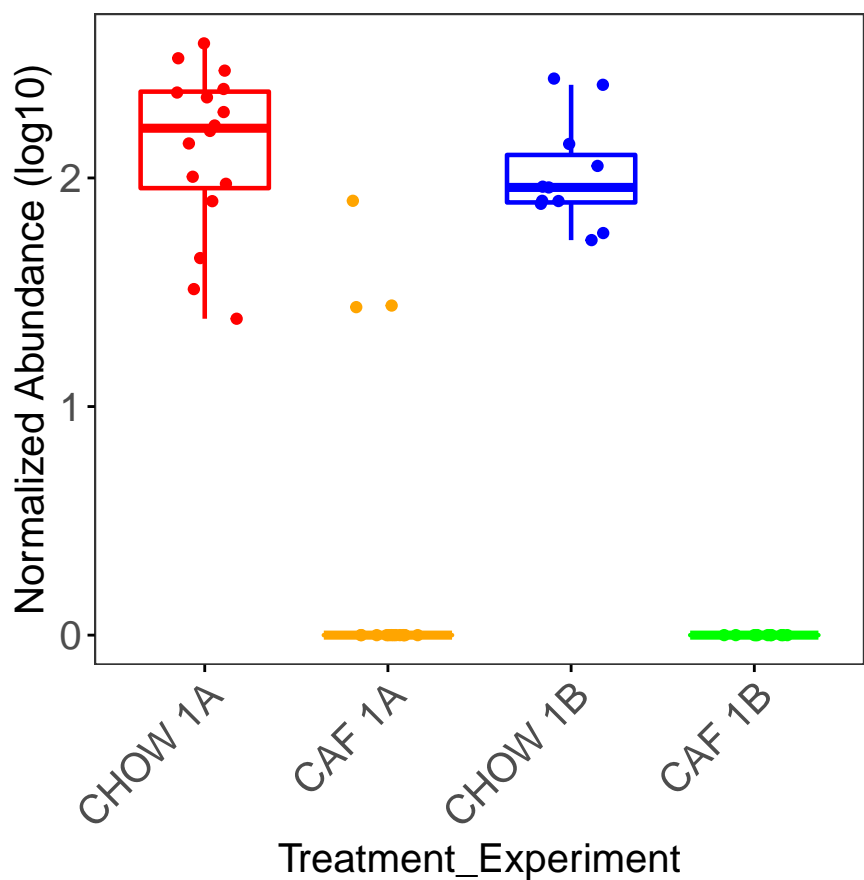
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__Atopobiaceae.D.5__Coriobacteriaceae UCG-002.D.6__uncultured bacterium
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00101



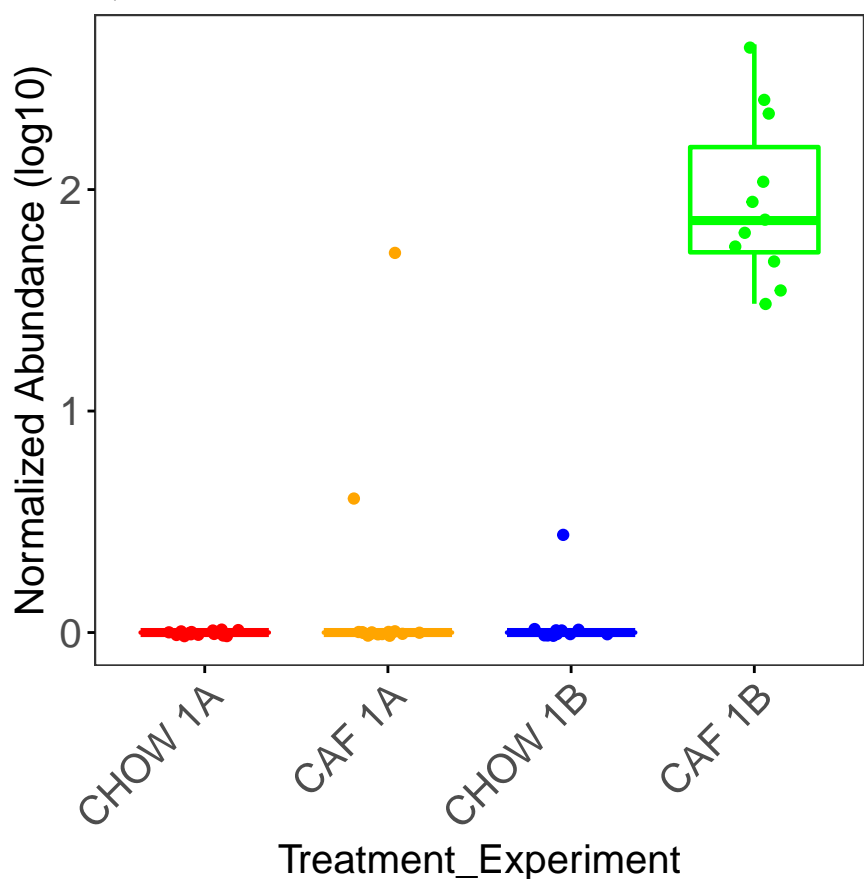
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales._____
Experiment 1A FDR = 0.00026
Experiment 1B FDR = 0.00101



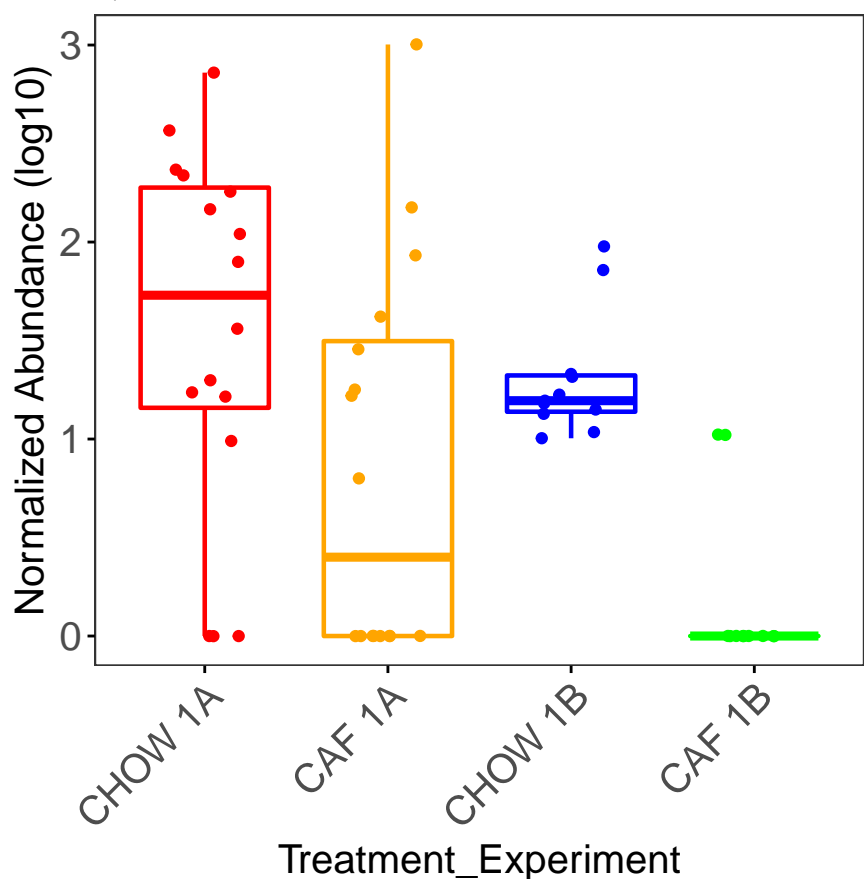
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Clostridiaceae.1.D.5__Clostridium sensu stricto 1____
Experiment 1A FDR = 0.53496
Experiment 1B FDR = 0.00101



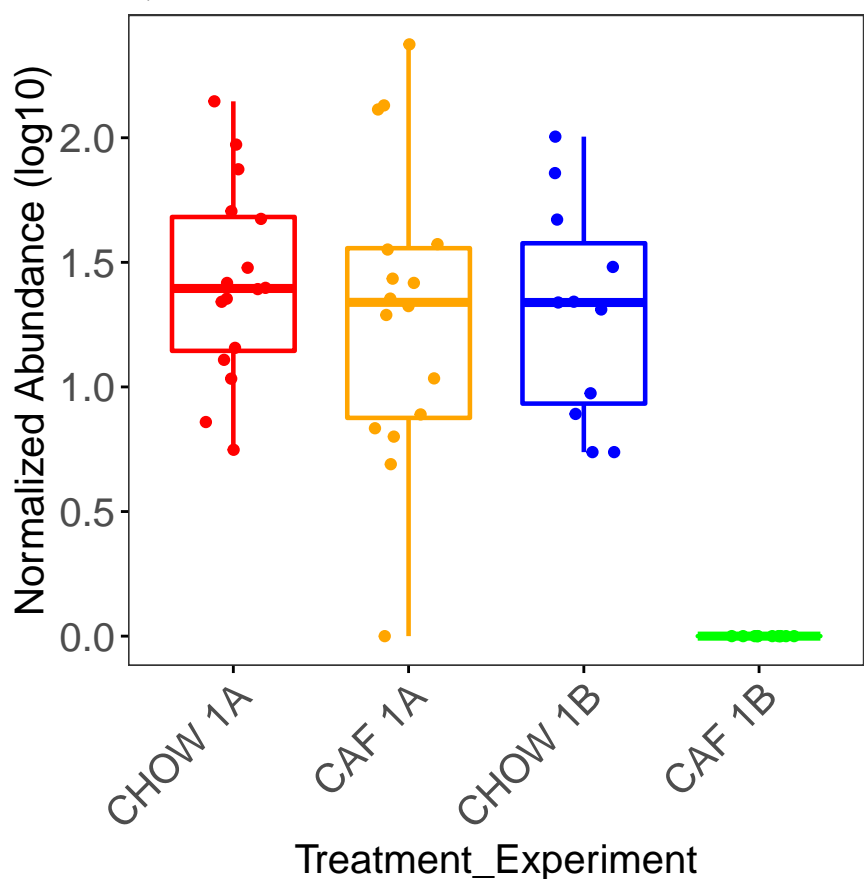
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Paraprevotella____
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.00101



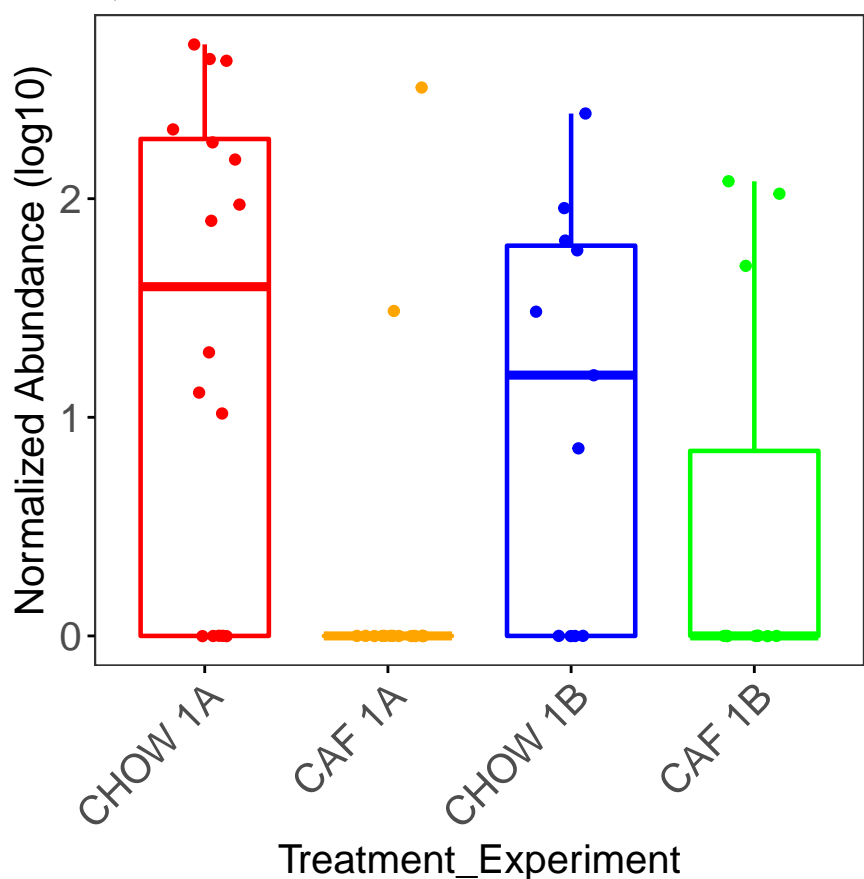
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2__Coriobacterii.D.3__Coriobacteriales.D.4__uncultured.D.5__uncultured bacterium.D.6__uncultured bacterium____
Experiment 1A FDR = 0.89678
Experiment 1B FDR = 0.00101



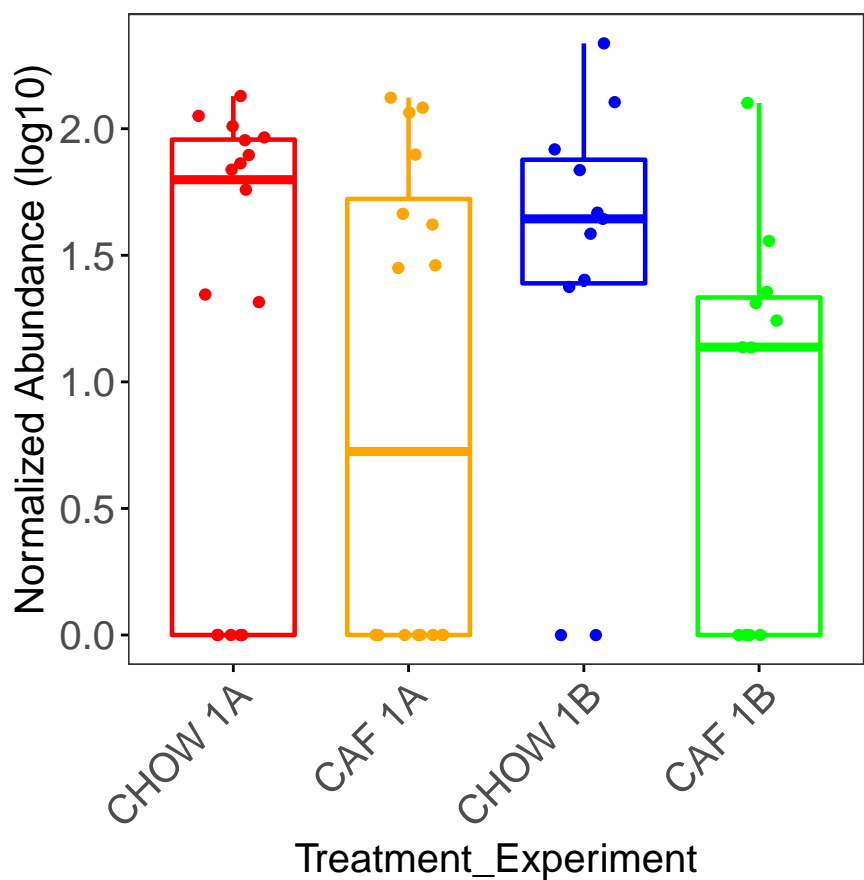
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-005.D.6__uncultured bacterium adhufec10____
Experiment 1A FDR = 0.06069
Experiment 1B FDR = 0.35305

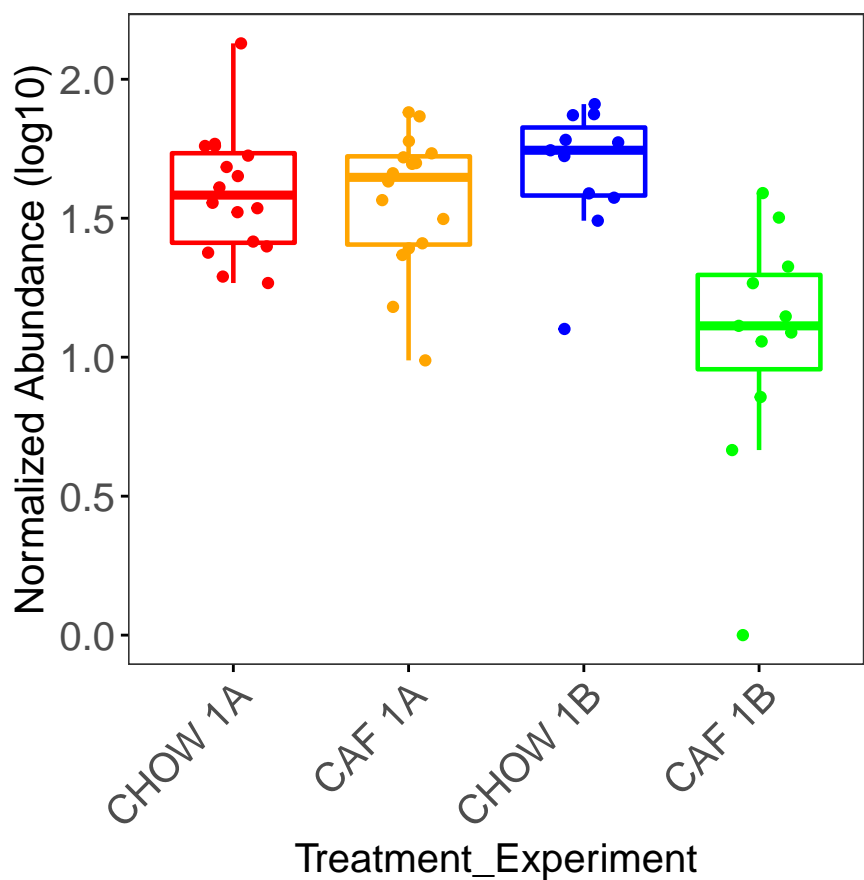


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

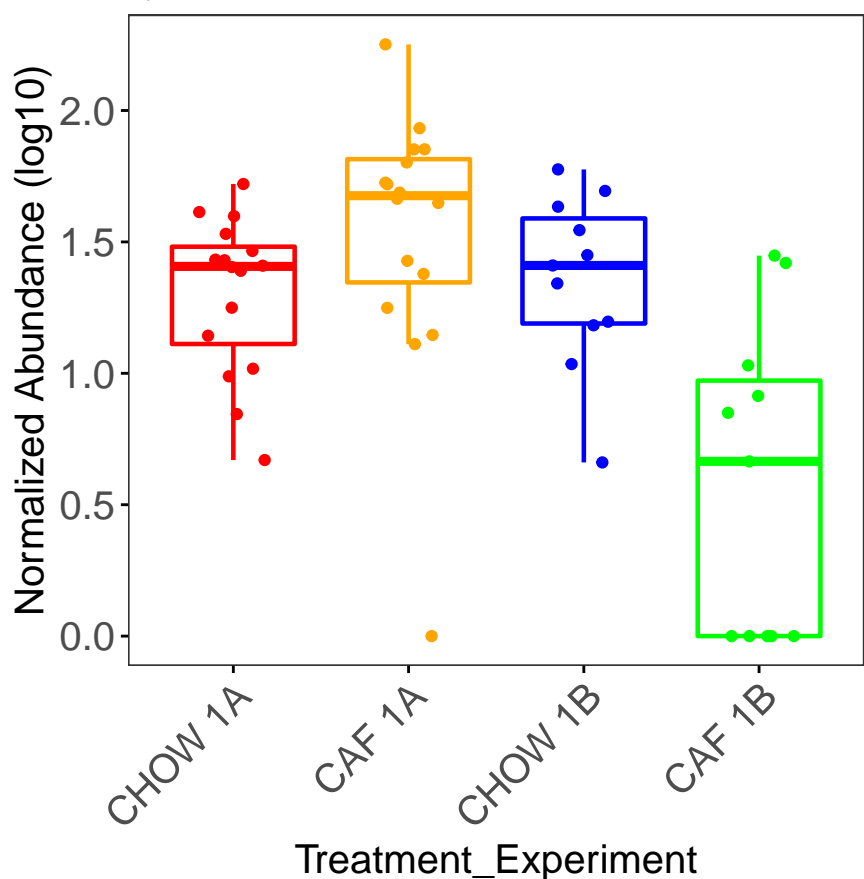
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 9...
Experiment 1A FDR = 0.72245
Experiment 1B FDR = 0.06625



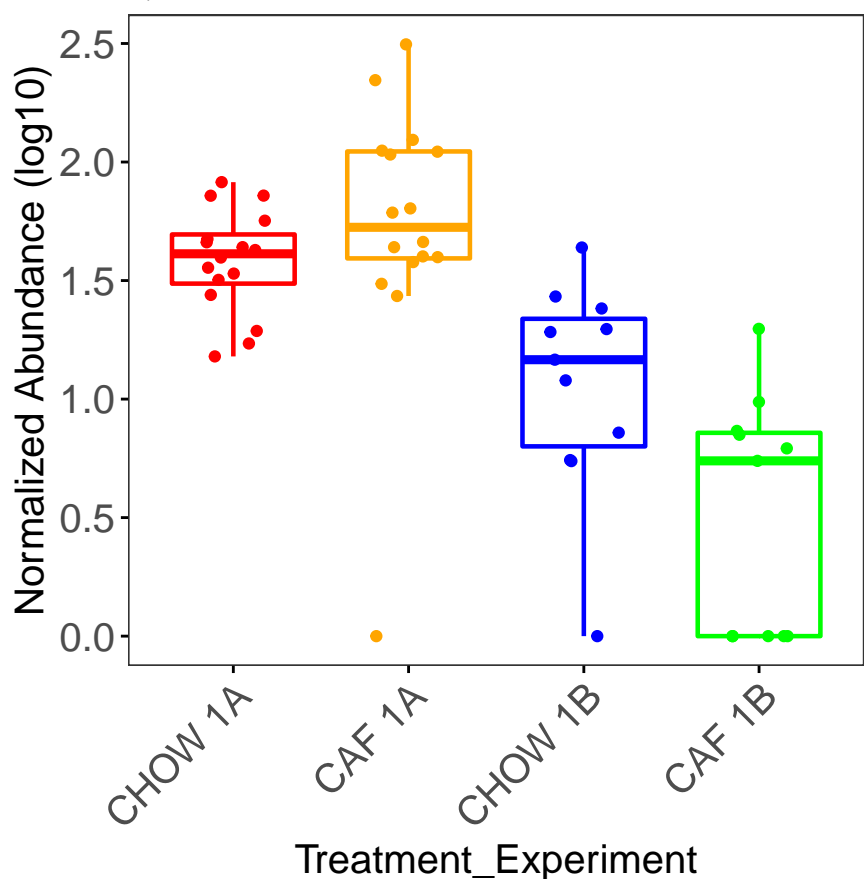
Actinobacteria.D.2__Coriobacteria.D.3__Coriobacteriales.D.4__Eggerthellaceae...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00246



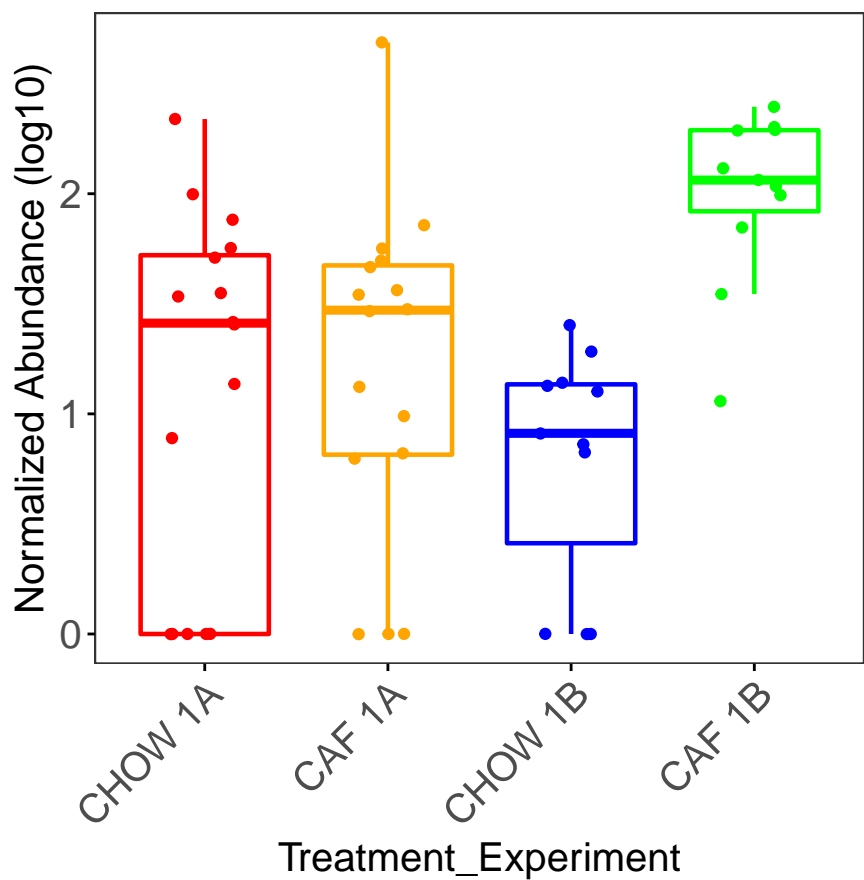
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Christensenellaceae.D.5__Christensenellaceae R-7 group...
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.01527



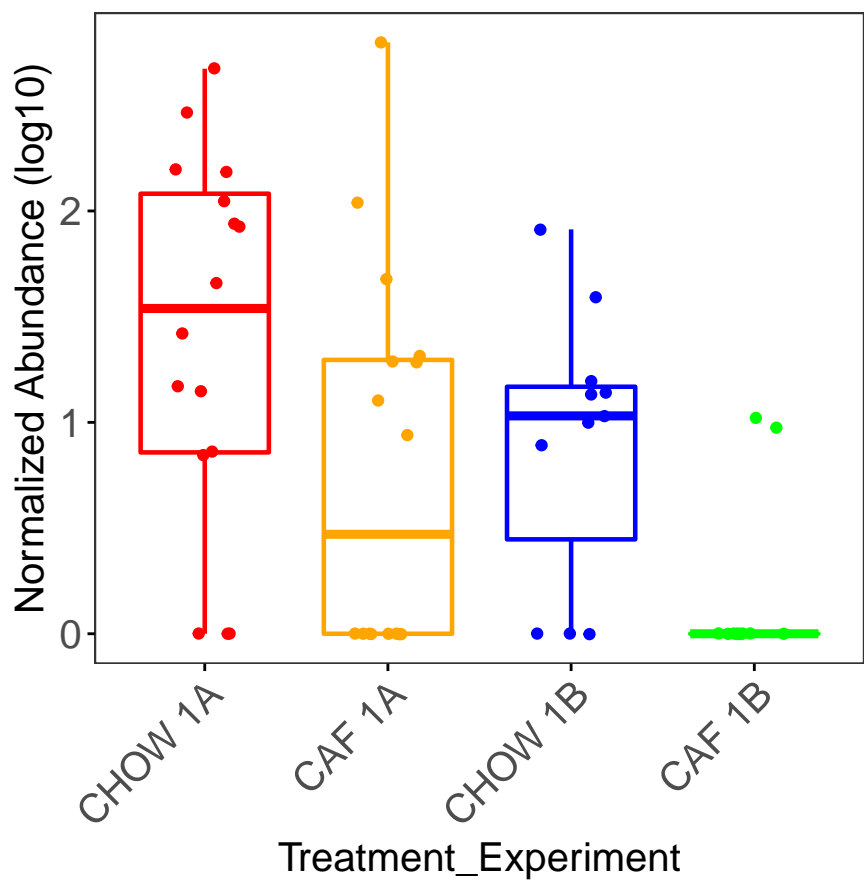
Firmicutes.D.2__Bacilli.D.3__Lactobacillales.D.4__Streptococcaceae.D.5__Streptococcus...
Experiment 1A FDR = 0.43461
Experiment 1B FDR = 0.06201



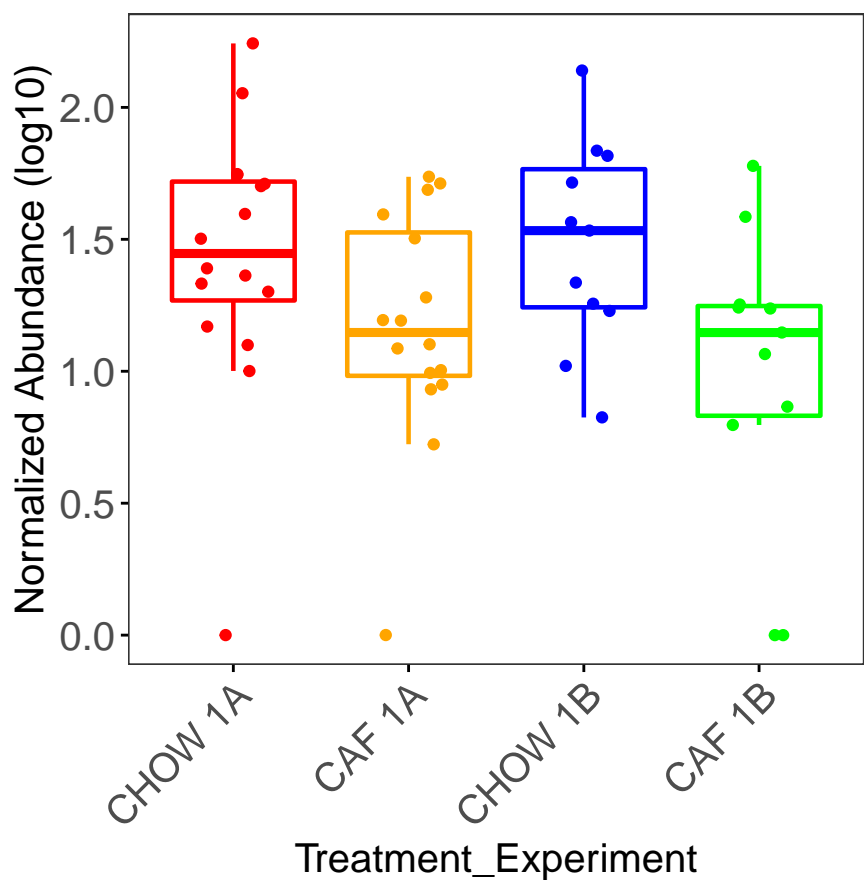
Firmicutes.D.2__Bacilli.D.3__Lactobacillales.D.4__Streptococcaceae.D.5__Lactococcus...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.00213



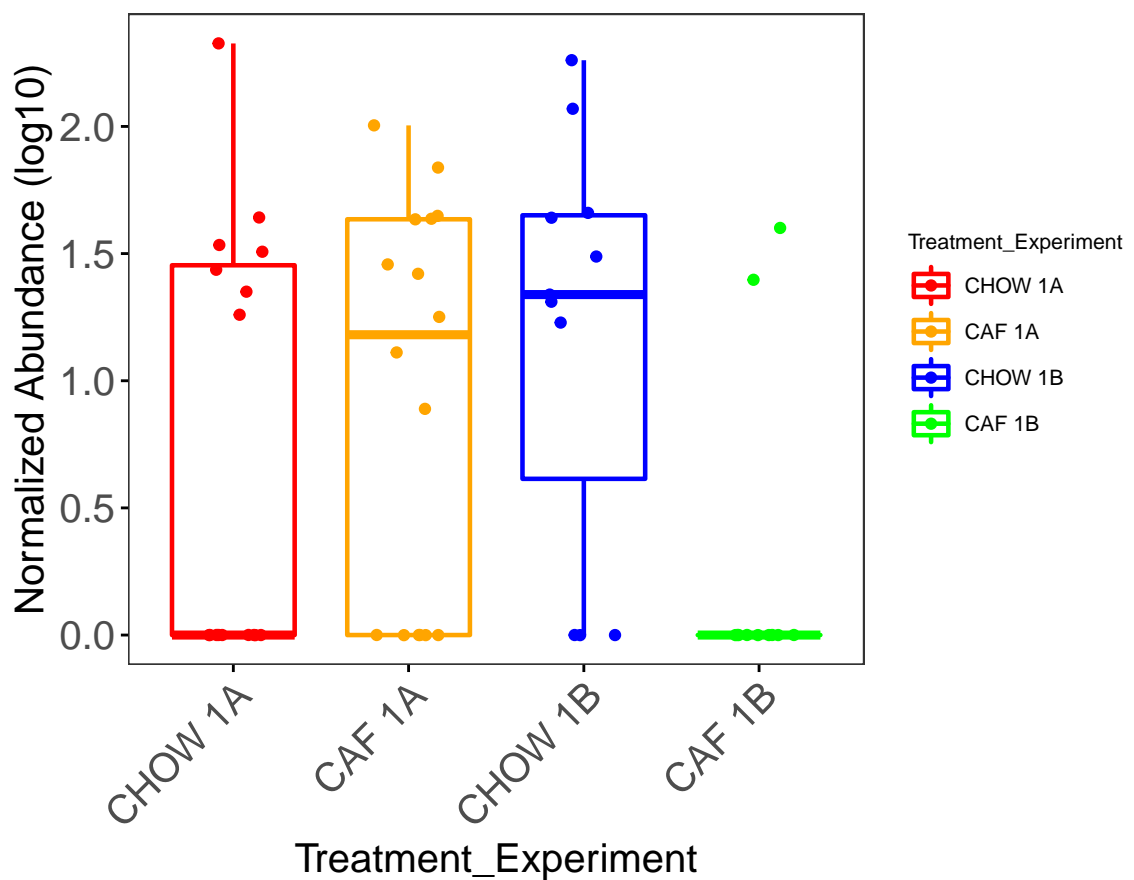
Bacteroidetes.D.2__Bacteroidia.D.3__Bacteroidales.D.4__Prevotellaceae.D.5__Paraprevotella.D.6__uncultured organism...
Experiment 1A FDR = 0.3373
Experiment 1B FDR = 0.02634



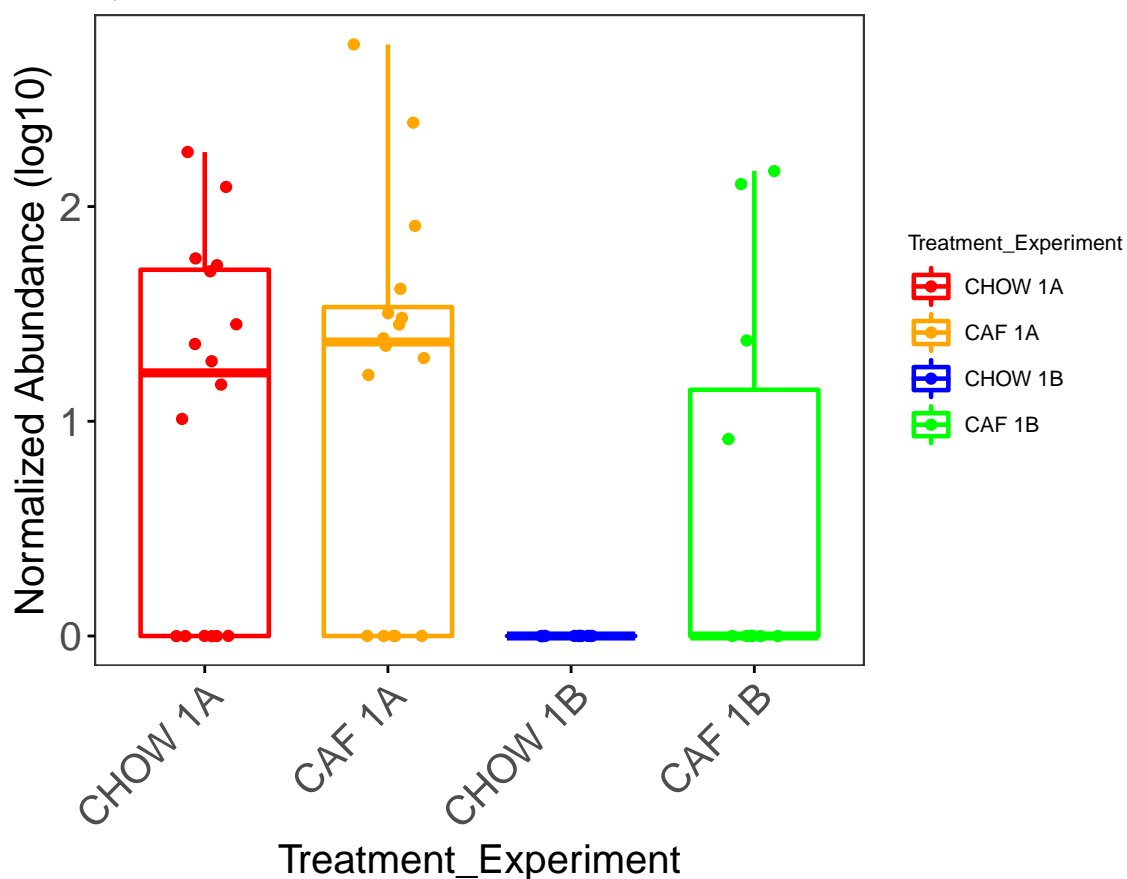
Proteobacteria.D.2__Deltaproteobacteria.D.3__Desulfovibrionales.D.4__Desulfovibrionaceae.....
Experiment 1A FDR = 0.3226
Experiment 1B FDR = 0.09152



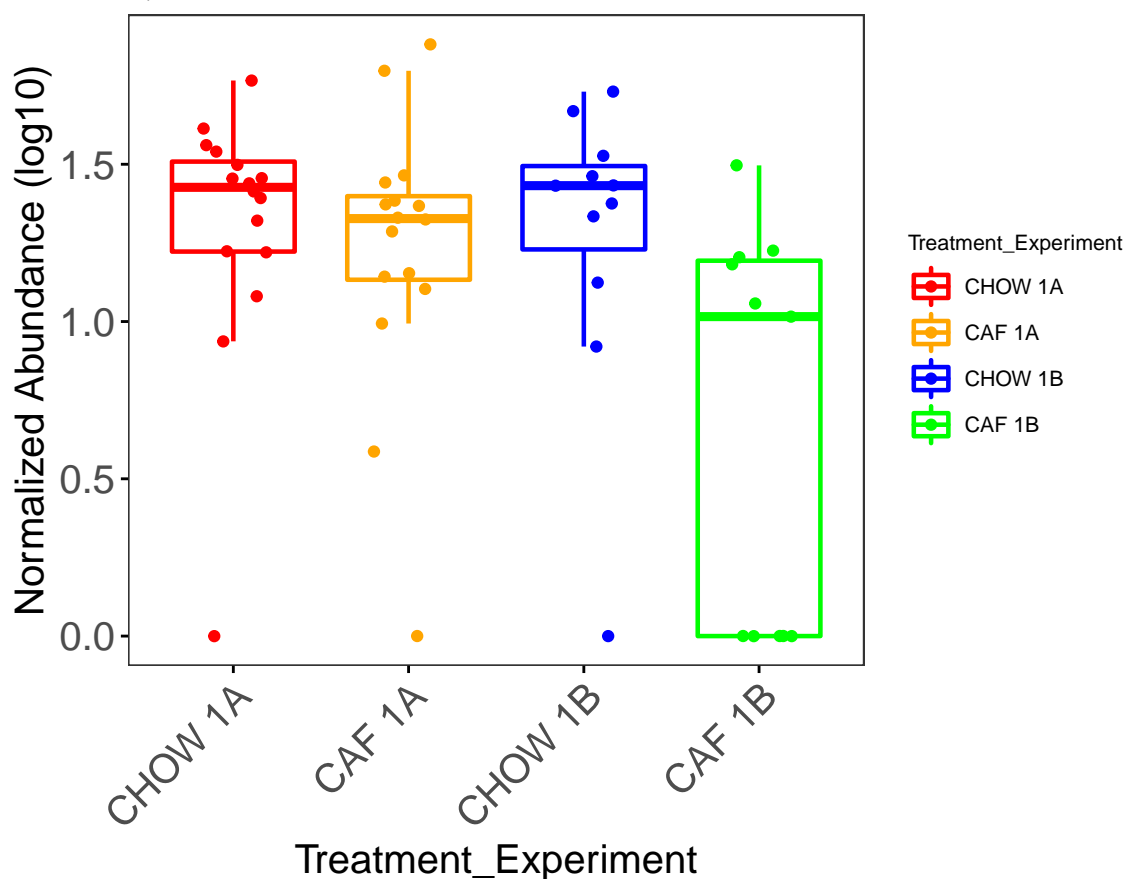
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__[Eubacterium] xylanophilum group.D.6__uncultured bacterium
Experiment 1A FDR = 0.72981
Experiment 1B FDR = 0.04333



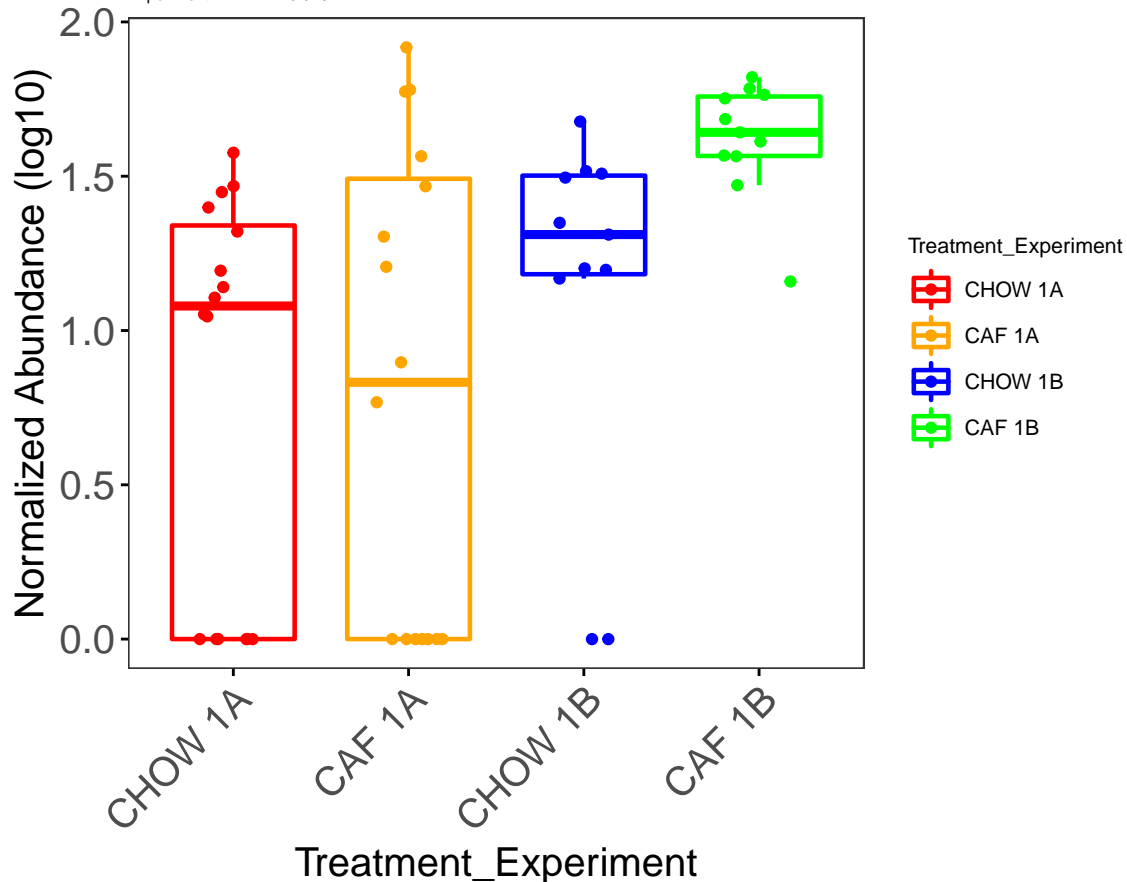
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Christensenellaceae.D.5__Christensenellaceae R-7 group.D.6__uncultured prokaryote
Experiment 1A FDR = 0.92743
Experiment 1B FDR = 0.08077



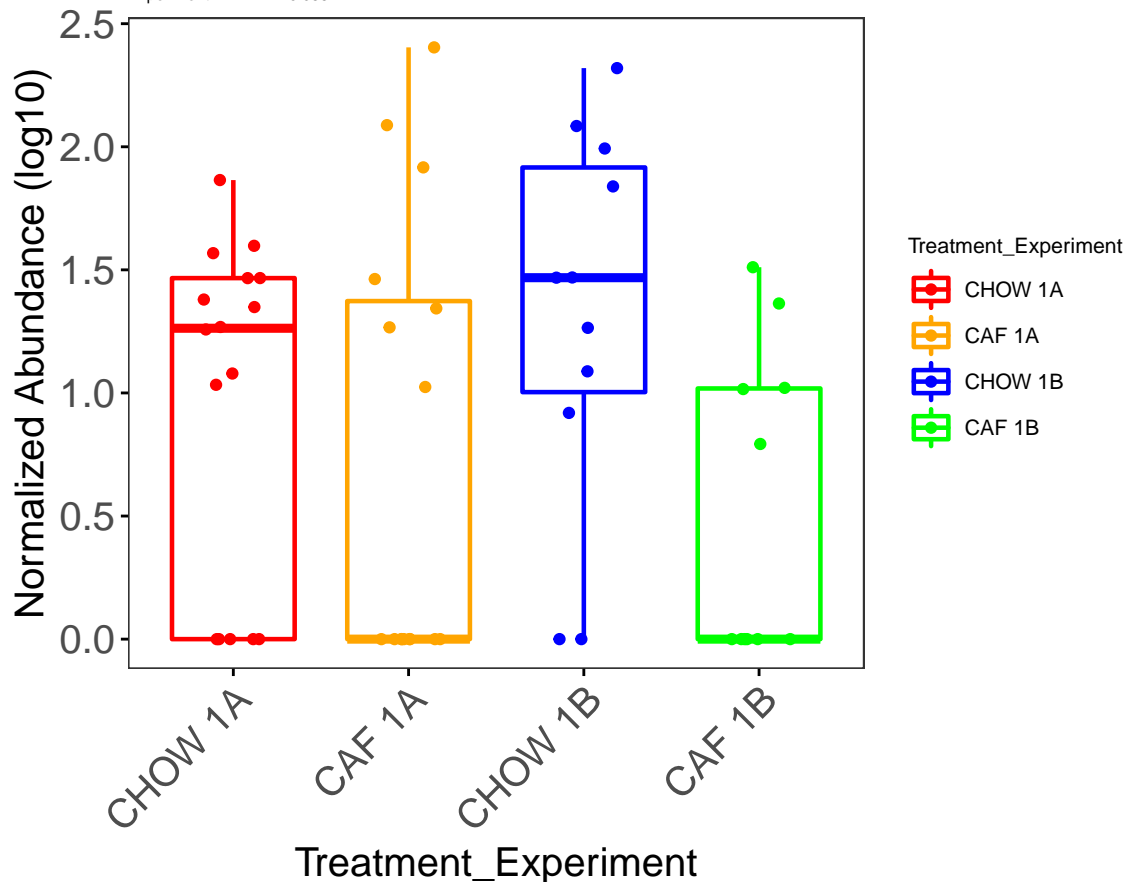
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Family XIII.....
Experiment 1A FDR = 0.66879
Experiment 1B FDR = 0.04208



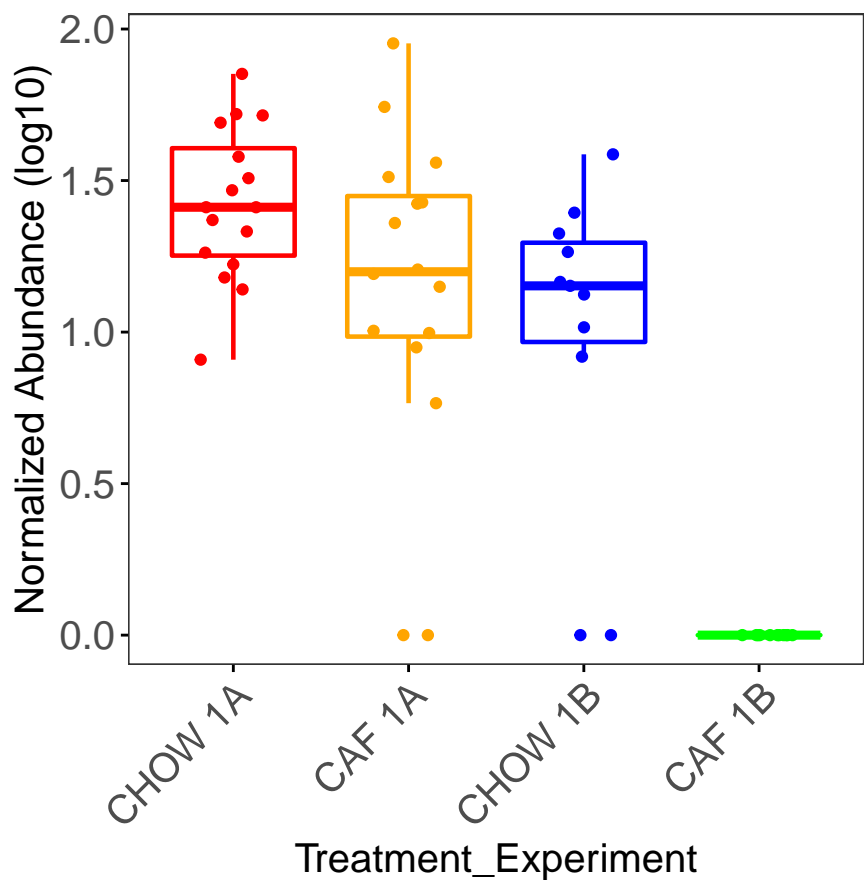
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae NK4A214 group.D.6__gut metagenome
Experiment 1A FDR = 1
Experiment 1B FDR = 0.0191



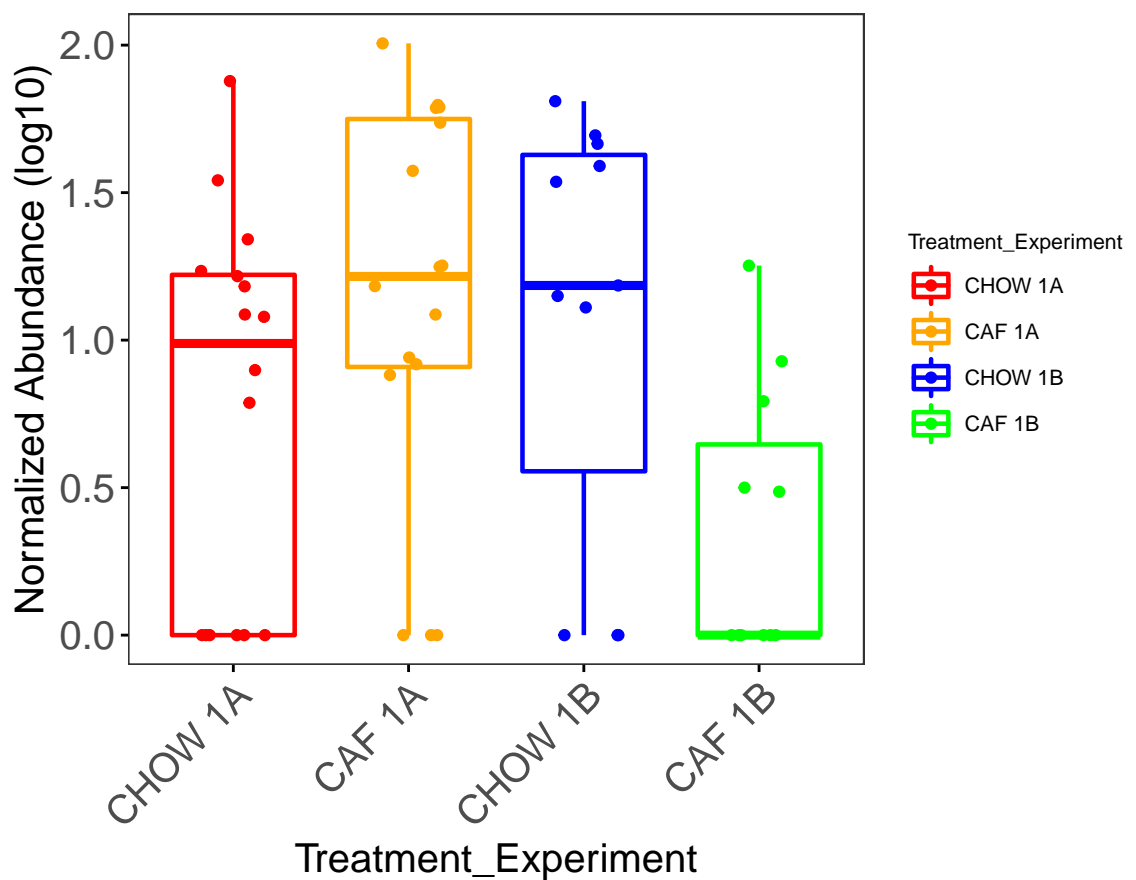
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__[Ruminococcus] gnnavus group.....
Experiment 1A FDR = 0.72245
Experiment 1B FDR = 0.05541



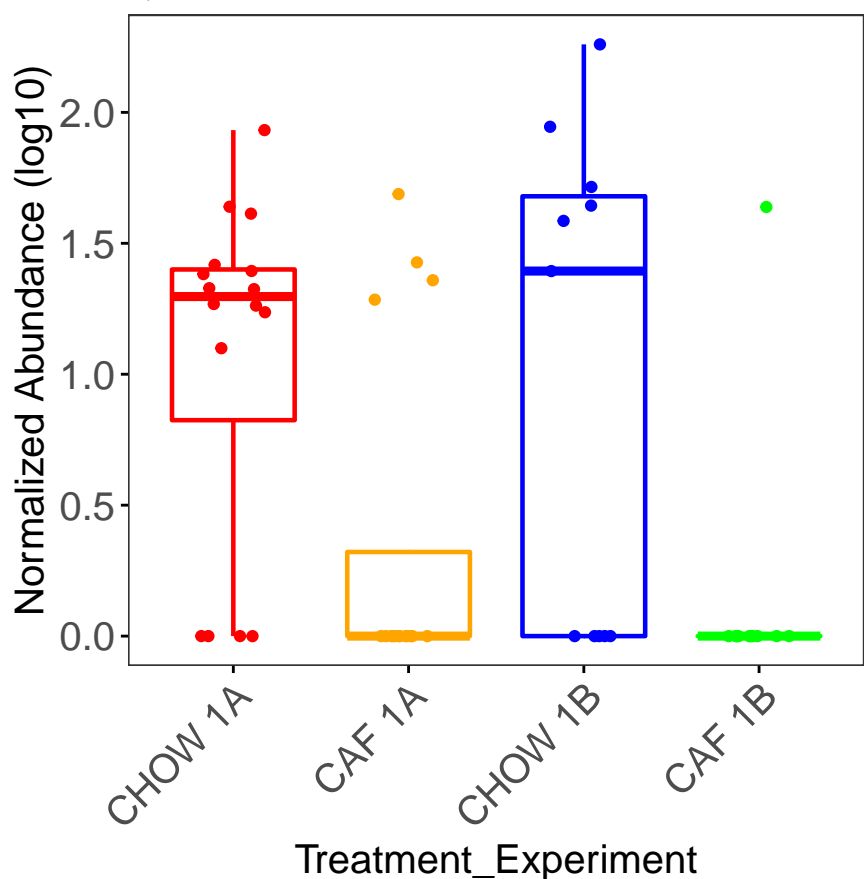
Firmicutes.D.2__Erysipelotrichia.D.3__Erysipelotrichales.D.4__Erysipelotrichaceae_____
Experiment 1A FDR = 0.4837
Experiment 1B FDR = 0.00213



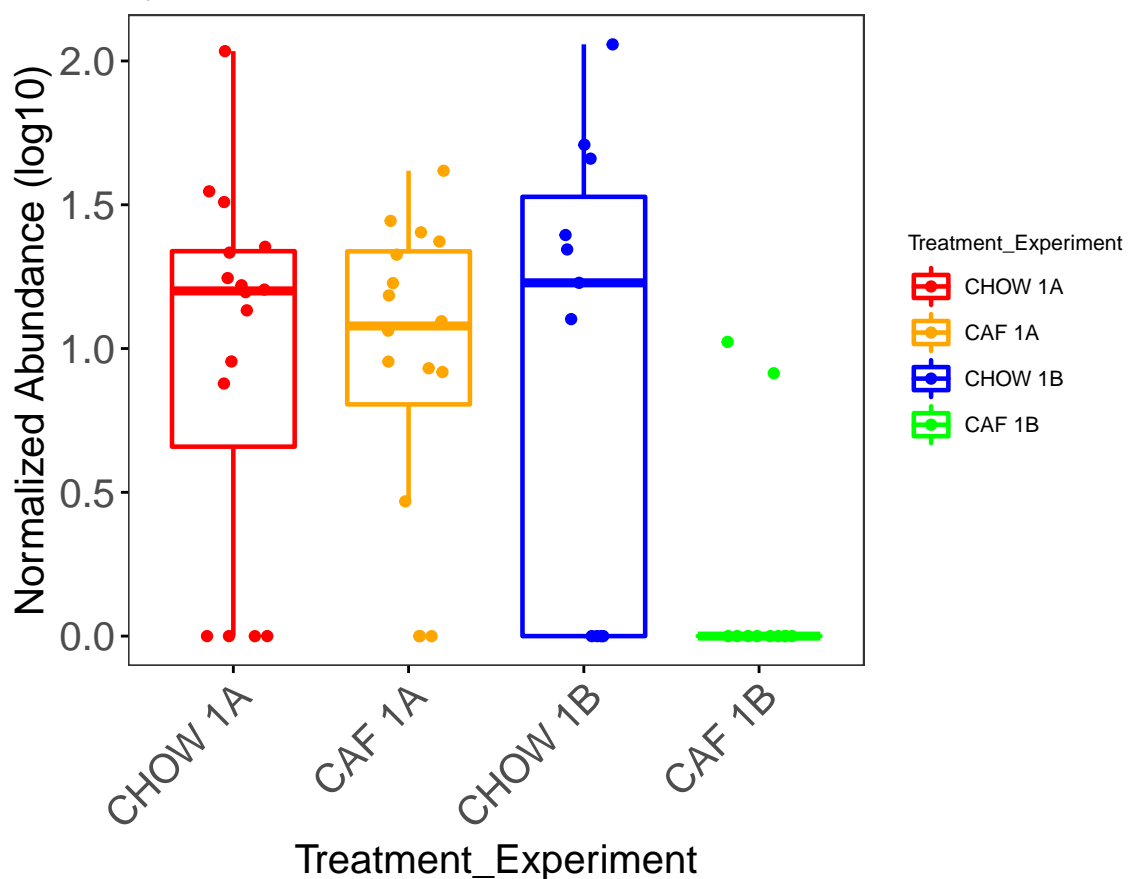
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 5.D.6__uncultured Clostridiales bacterium_____
Experiment 1A FDR = 0.46744
Experiment 1B FDR = 0.06081



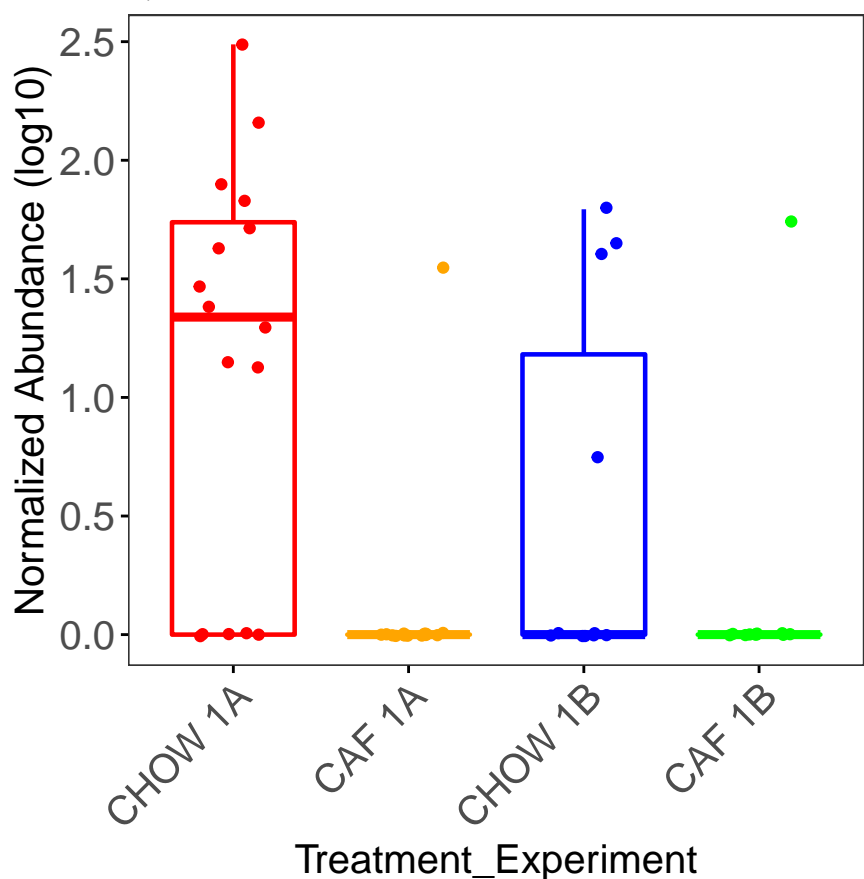
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Sellimonas.D.6__uncultured Blautia sp_____
Experiment 1A FDR = 0.25475
Experiment 1B FDR = 0.06201



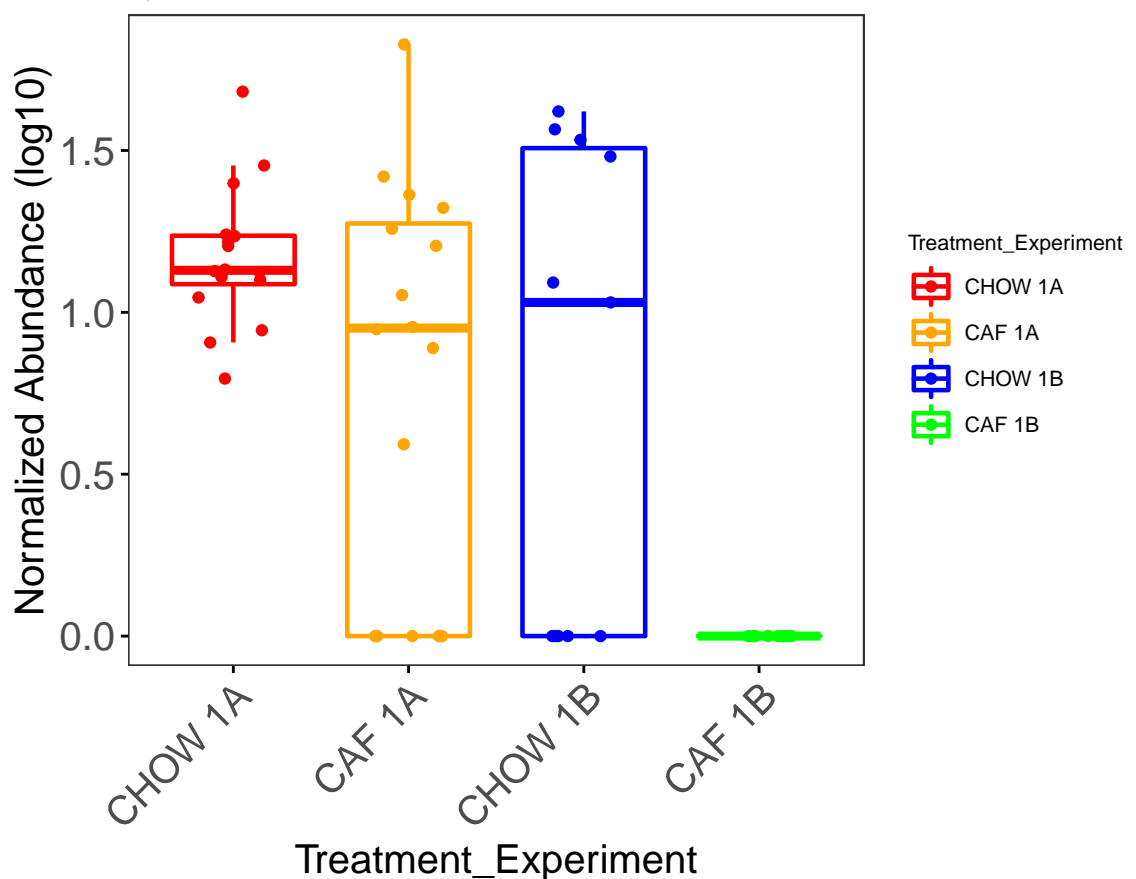
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Harryflintia.D.6__uncultured bacterium_____
Experiment 1A FDR = 0.96678
Experiment 1B FDR = 0.03821



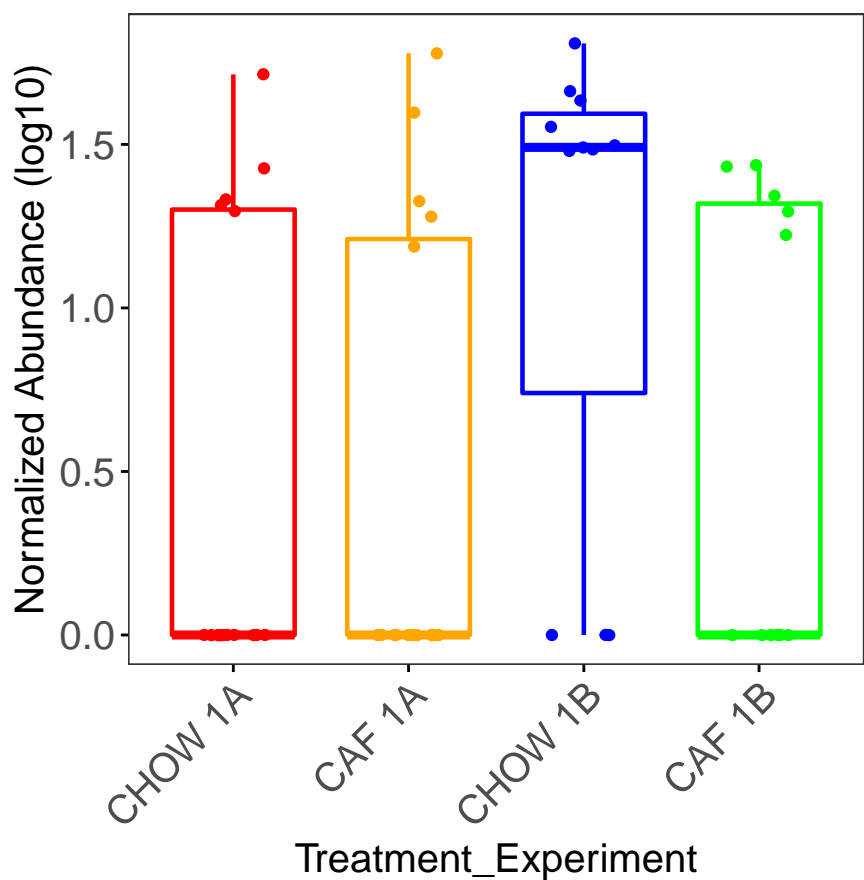
Proteobacteria.D.2__Gammaproteobacteria.D.3__Betaproteobacteriales.D.4__Burkholderiaceae_____
Experiment 1A FDR = 0.02174
Experiment 1B FDR = 0.29191



Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__[Eubacterium] ventriosum group.D.6__uncultured Clostridiales bacterium_____
Experiment 1A FDR = 0.52548
Experiment 1B FDR = 0.0248

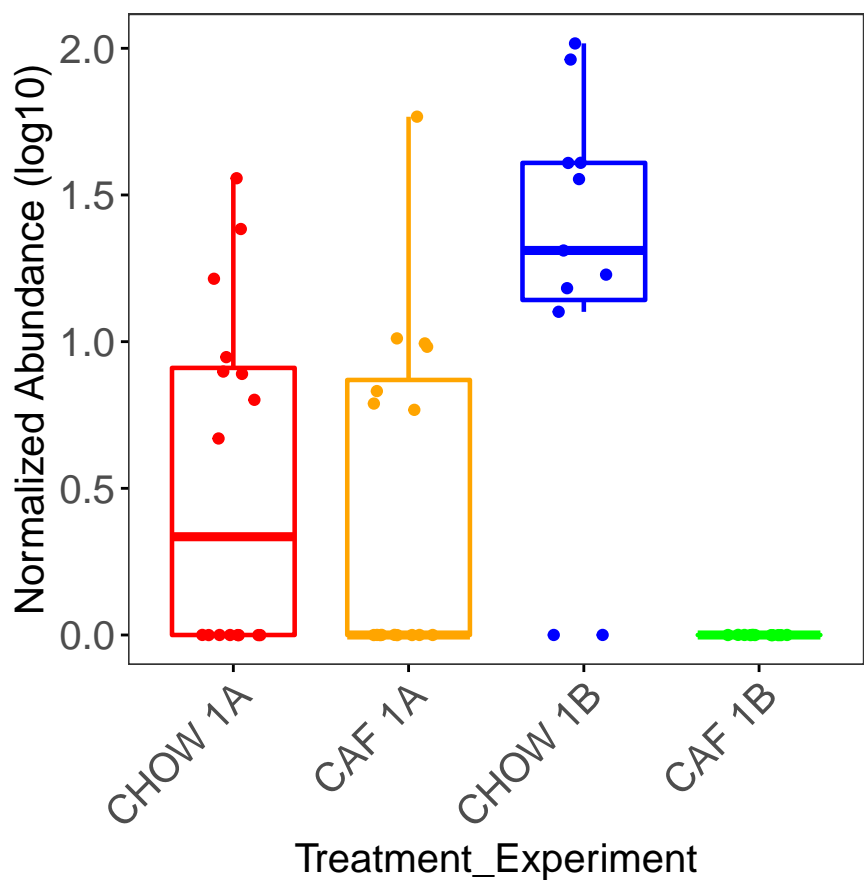


Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Intestinimonas...
Experiment 1A FDR = 1
Experiment 1B FDR = 0.04107



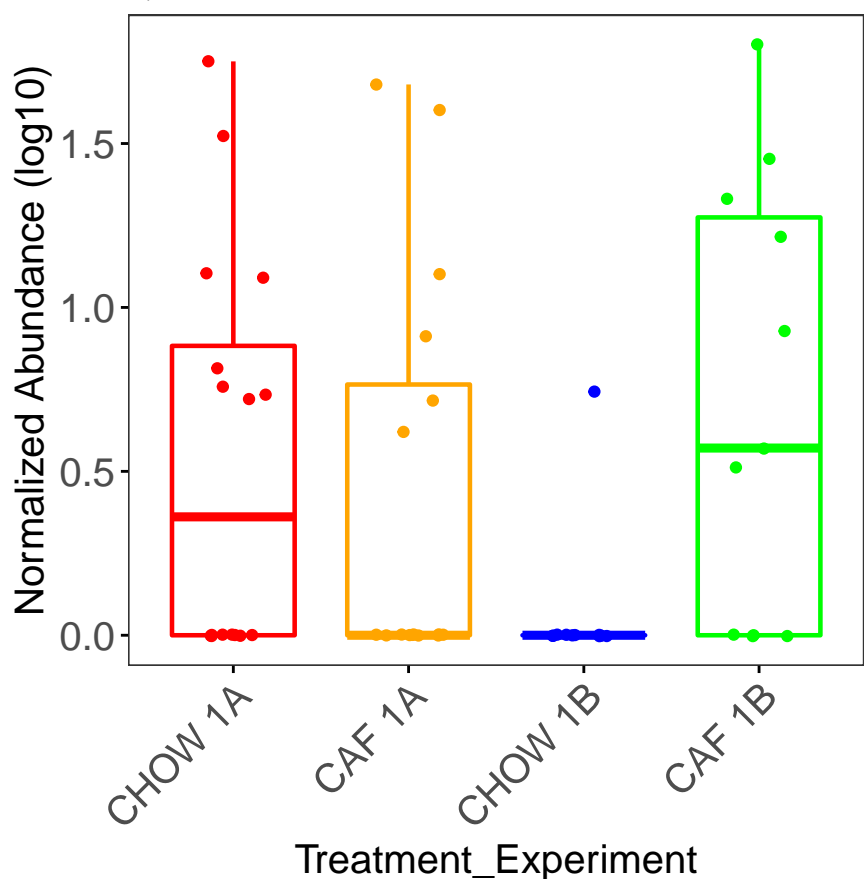
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminococcaceae UCG-005.D.6__uncultured Clostridiales bacte...
Experiment 1A FDR = 0.96074
Experiment 1B FDR = 0.00213



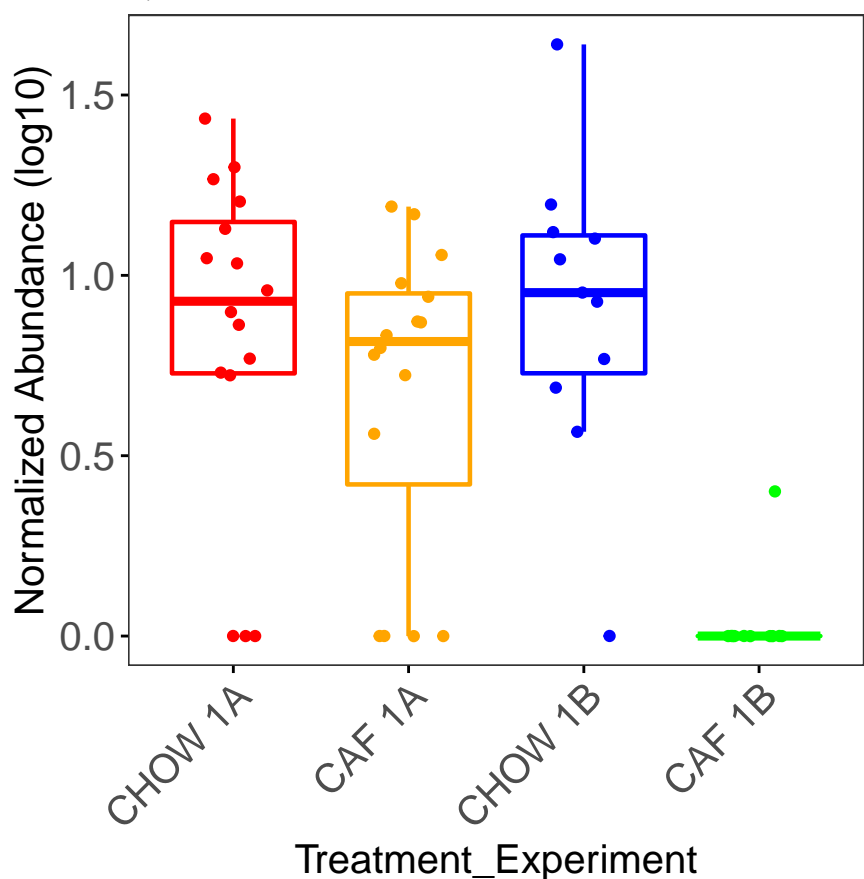
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Cyanobacteria.D.2__Melainabacteria.D.3__Gastranaerophilales...
Experiment 1A FDR = 0.81489
Experiment 1B FDR = 0.03157



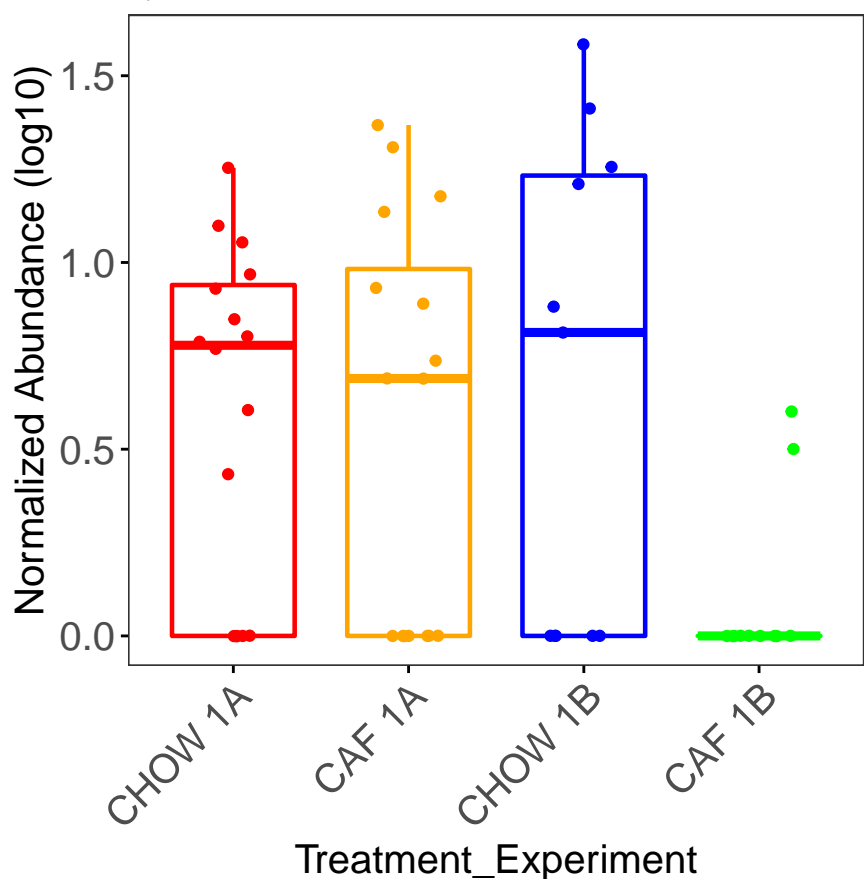
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Candidatus Soleaeferrea.D.6__Bittarella massiliensis
Experiment 1A FDR = 0.60275
Experiment 1B FDR = 0.00145



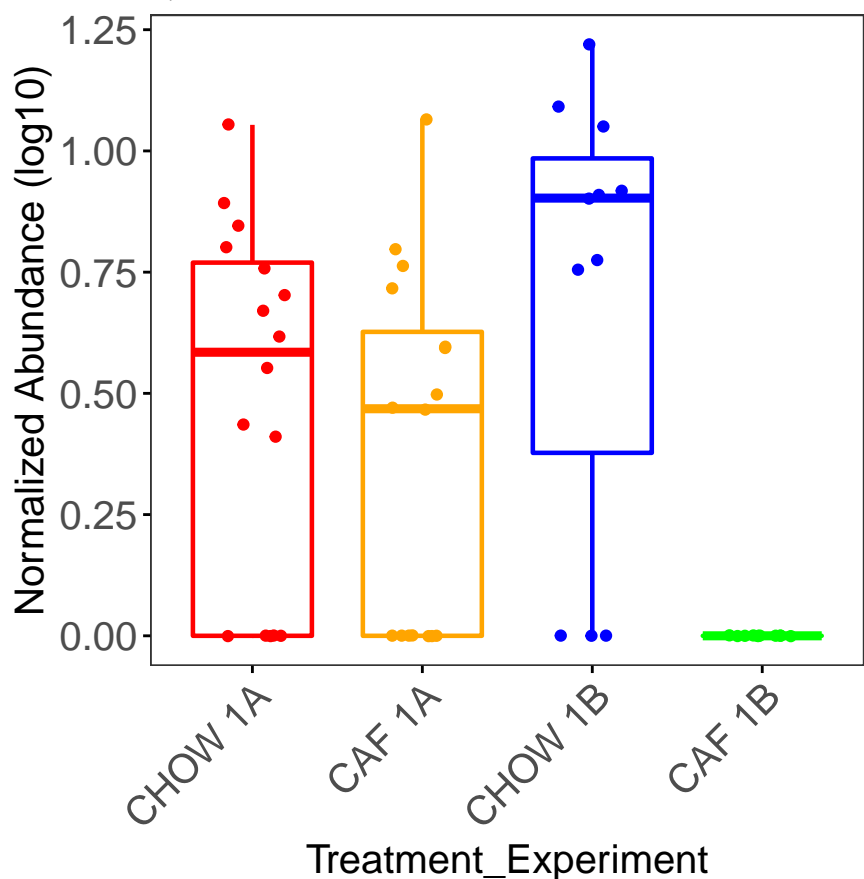
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Family XIII.D.5__Family XIII UCG-001.D.6__uncultured bacterium
Experiment 1A FDR = 1
Experiment 1B FDR = 0.08077



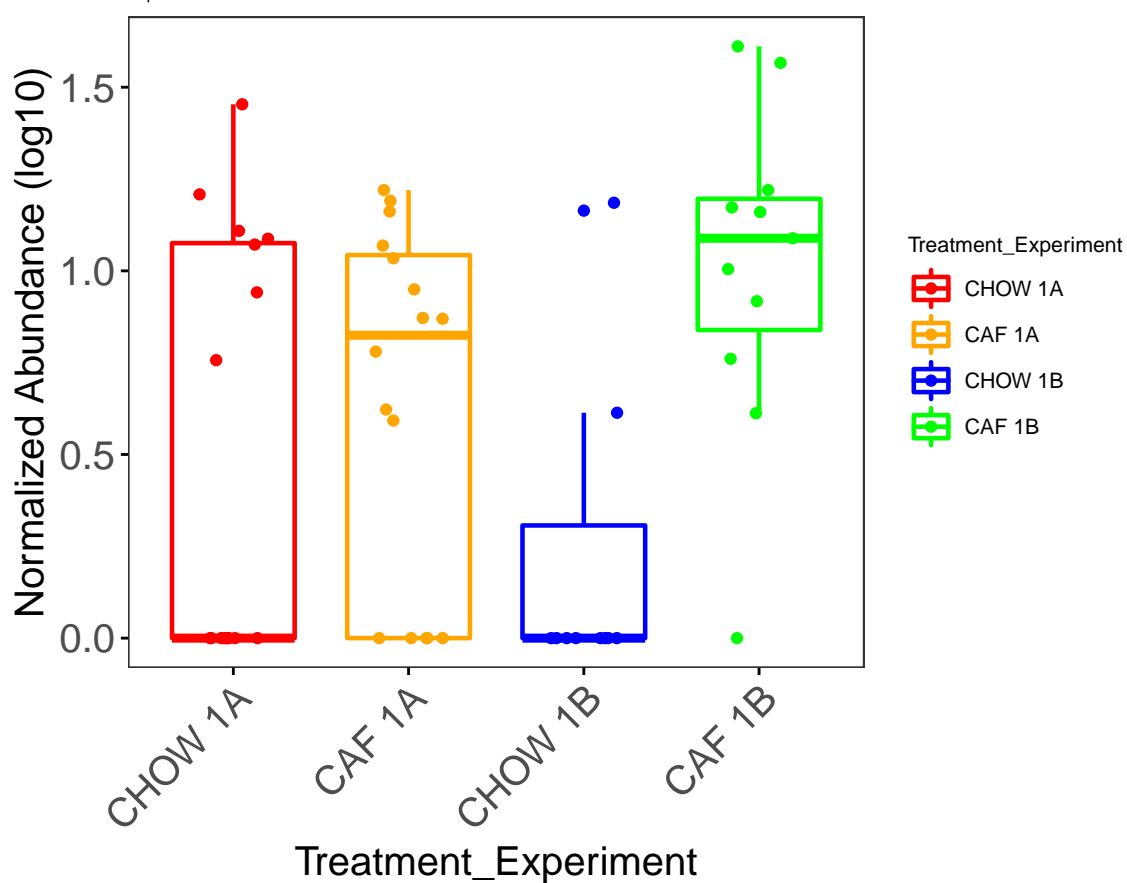
Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

Actinobacteria.D.2__Coriobacteria.D.3__Coriobacteriales.D.4__Coriobacteriales Incertae Sedis.D.5__uncultured.D.6__gut metagenome
Experiment 1A FDR = 0.72981
Experiment 1B FDR = 0.00546

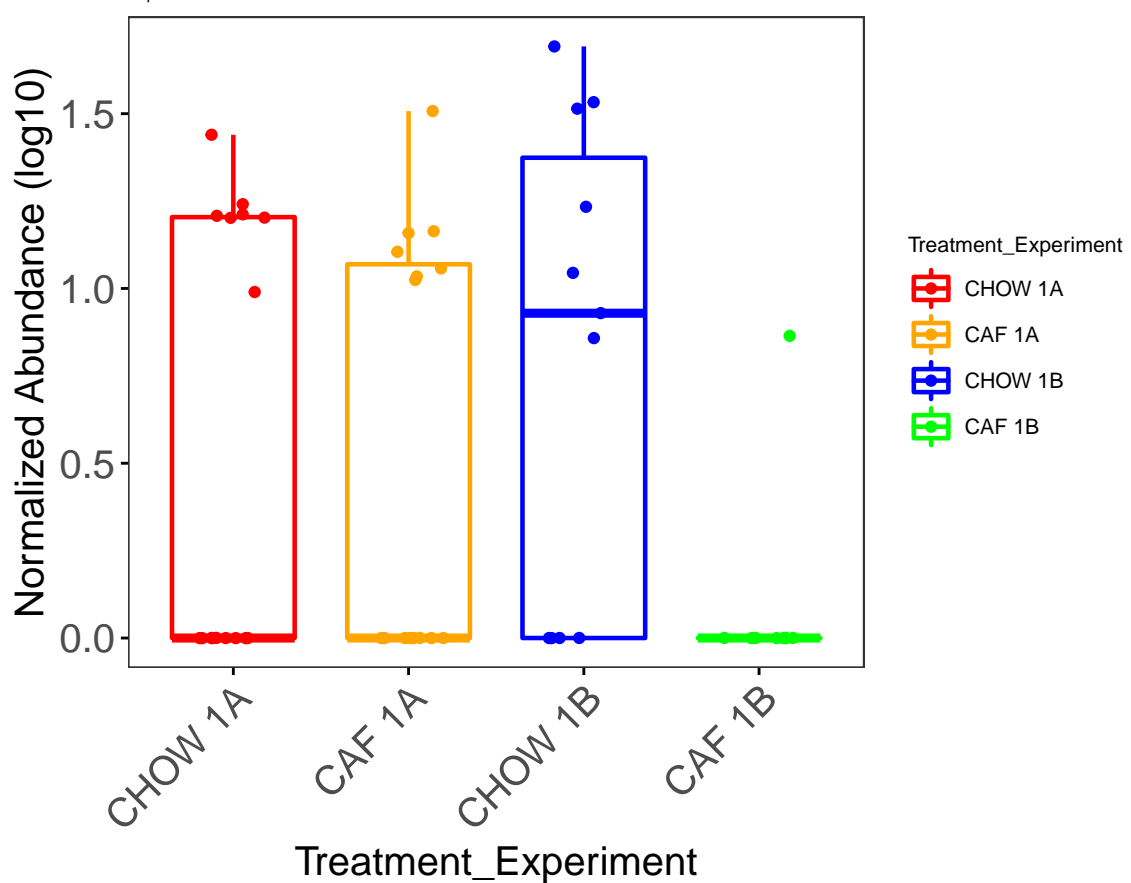


Treatment_Experiment
CHOW 1A
CAF 1A
CHOW 1B
CAF 1B

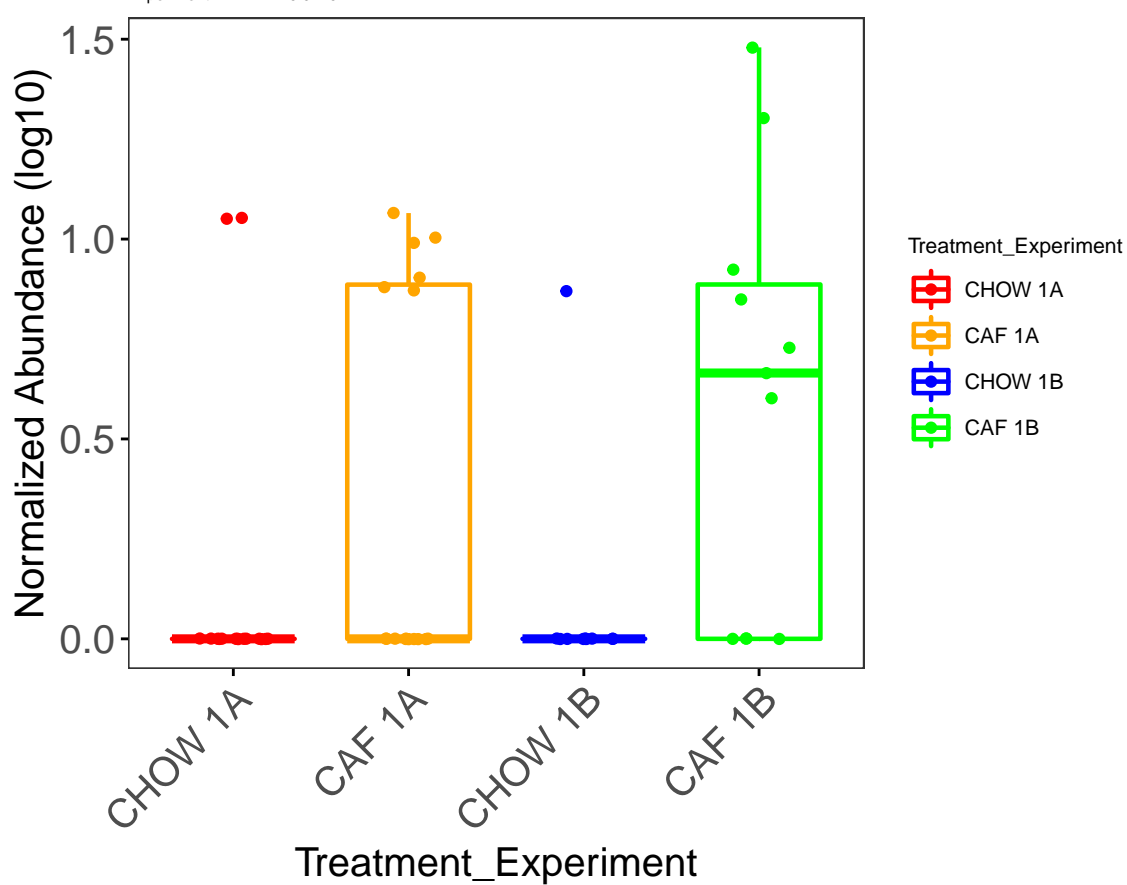
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Lachnospiraceae.D.5__Tyzzerella...
Experiment 1A FDR = 0.80194
Experiment 1B FDR = 0.02775



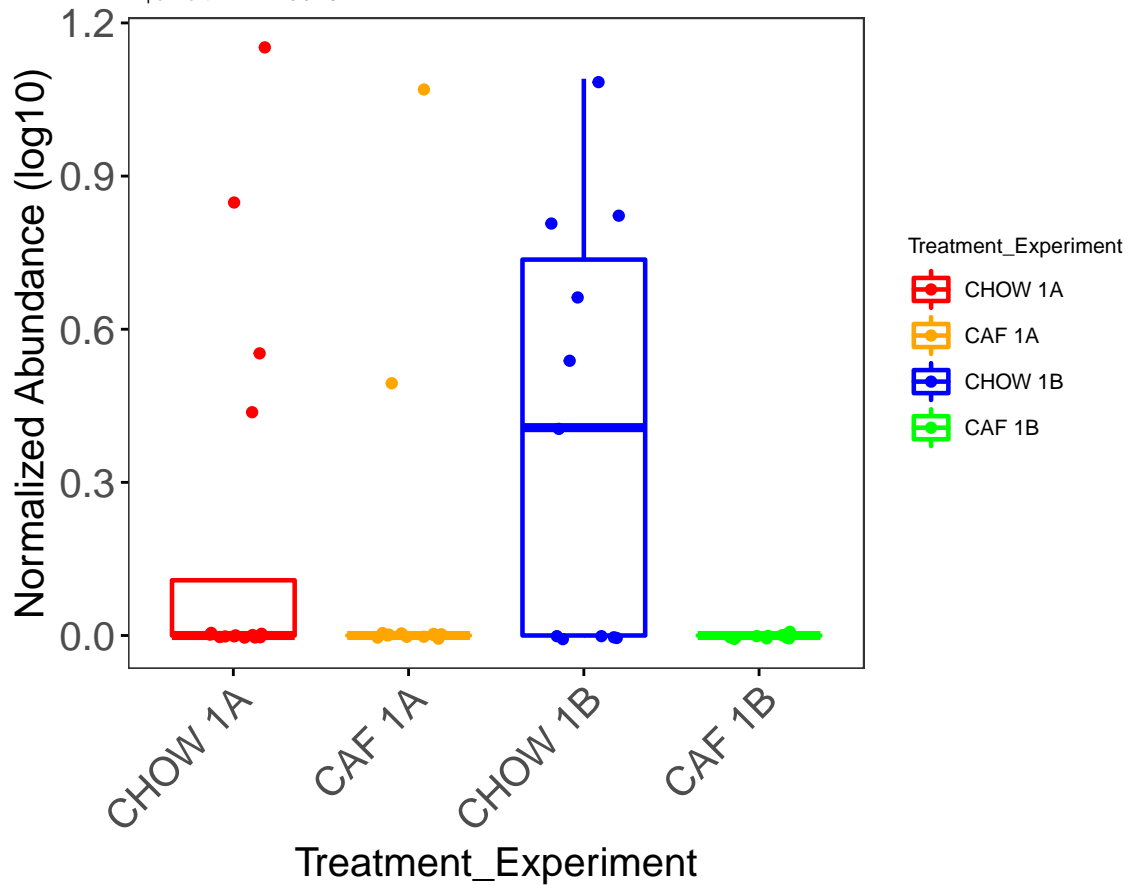
Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__GCA-900066225.D.6__uncultured Anaerotruncus sp...
Experiment 1A FDR = 0.92743
Experiment 1B FDR = 0.0274



Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Ruminococcaceae.D.5__Ruminiclostridium 5.D.6__gut metagenome
Experiment 1A FDR = 0.54993
Experiment 1B FDR = 0.04107



Firmicutes.D.2__Clostridia.D.3__Clostridiales.D.4__Eubacteriaceae.D.5__Anaerofustis...
Experiment 1A FDR = 0.72981
Experiment 1B FDR = 0.0248



Supplemental Figure 3 Abundance of the gut microbiota in the CAF vs CHOW groups when analyzed either before (1A) or after (1B) healthy dietary intervention. CHOW: chow-fed; CAF: cafeteria diet; FDR: false discovery rate