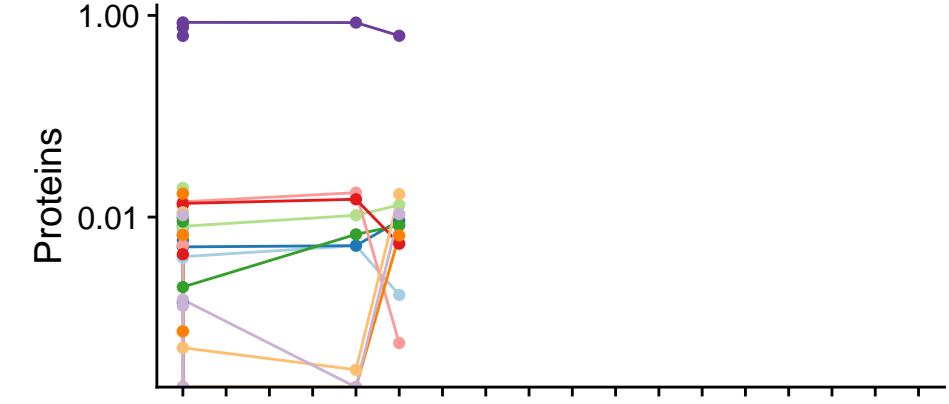
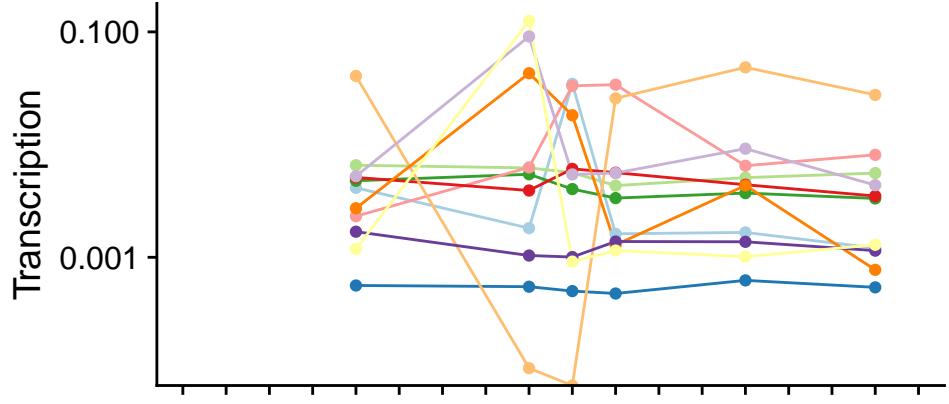
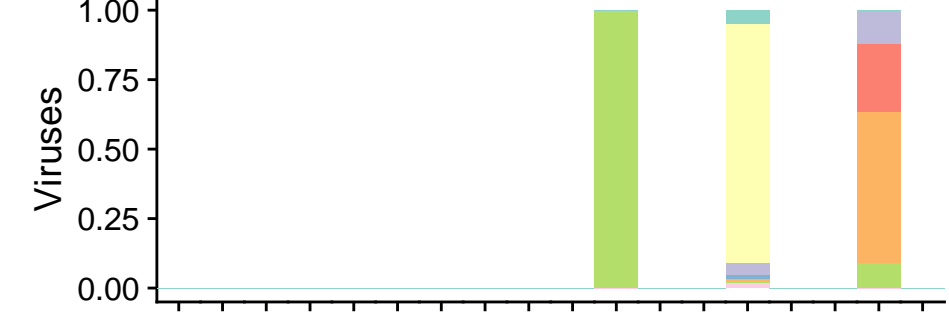
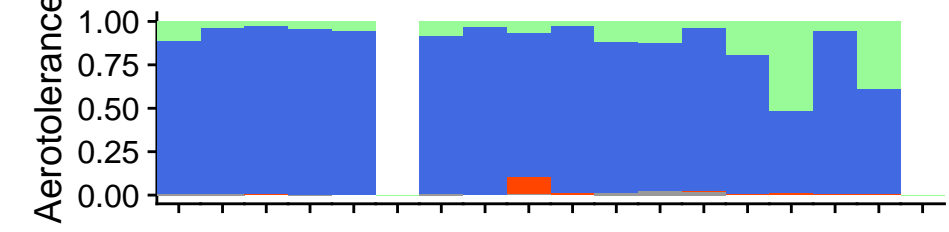
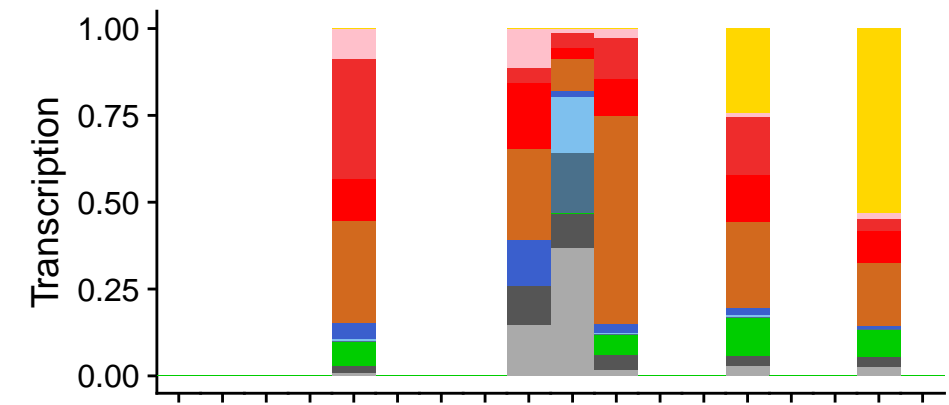
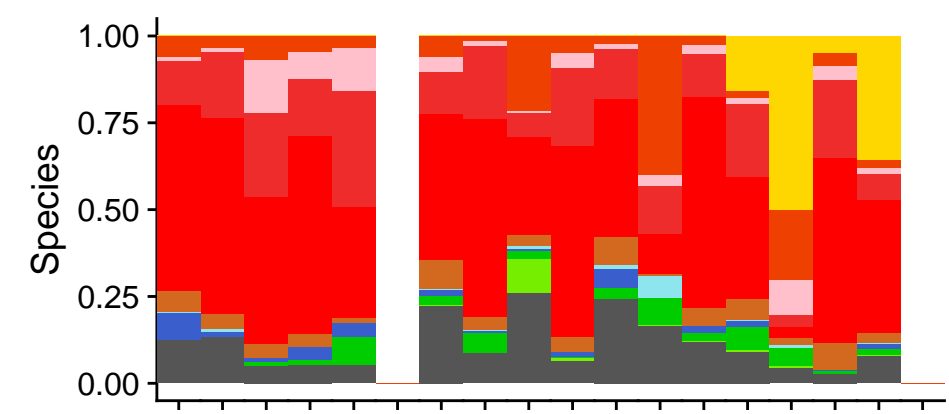
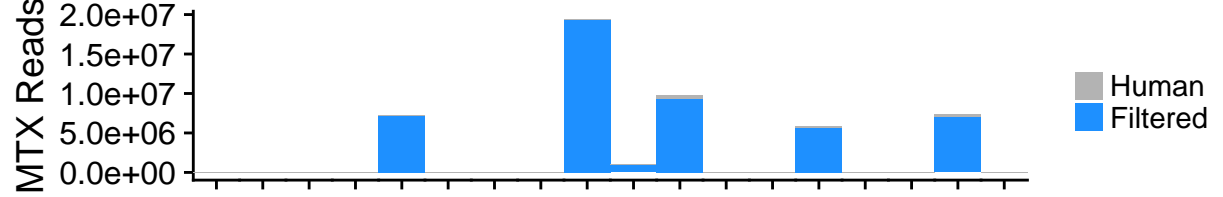
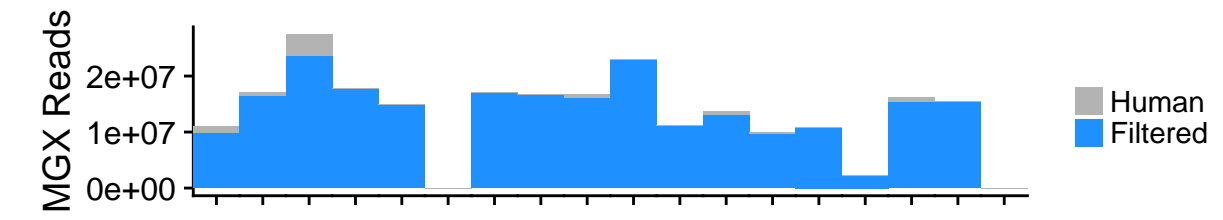
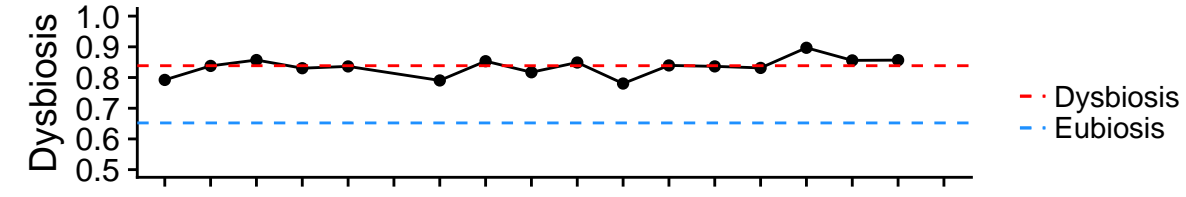
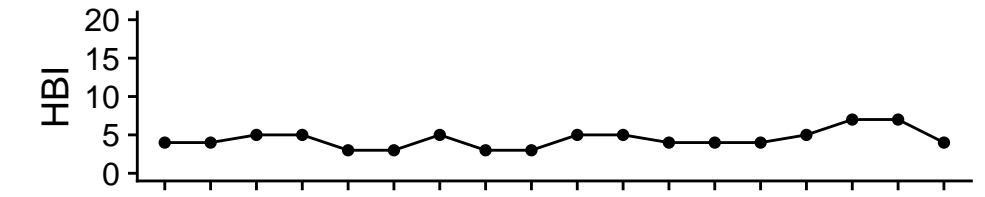
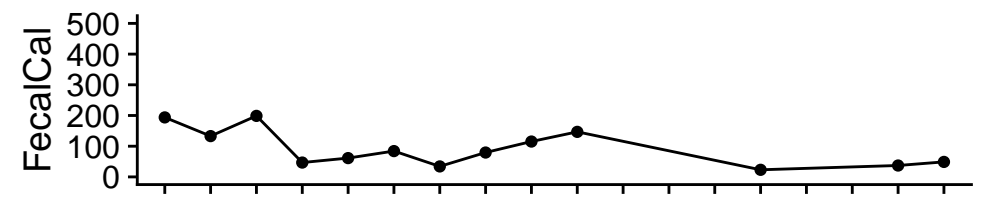
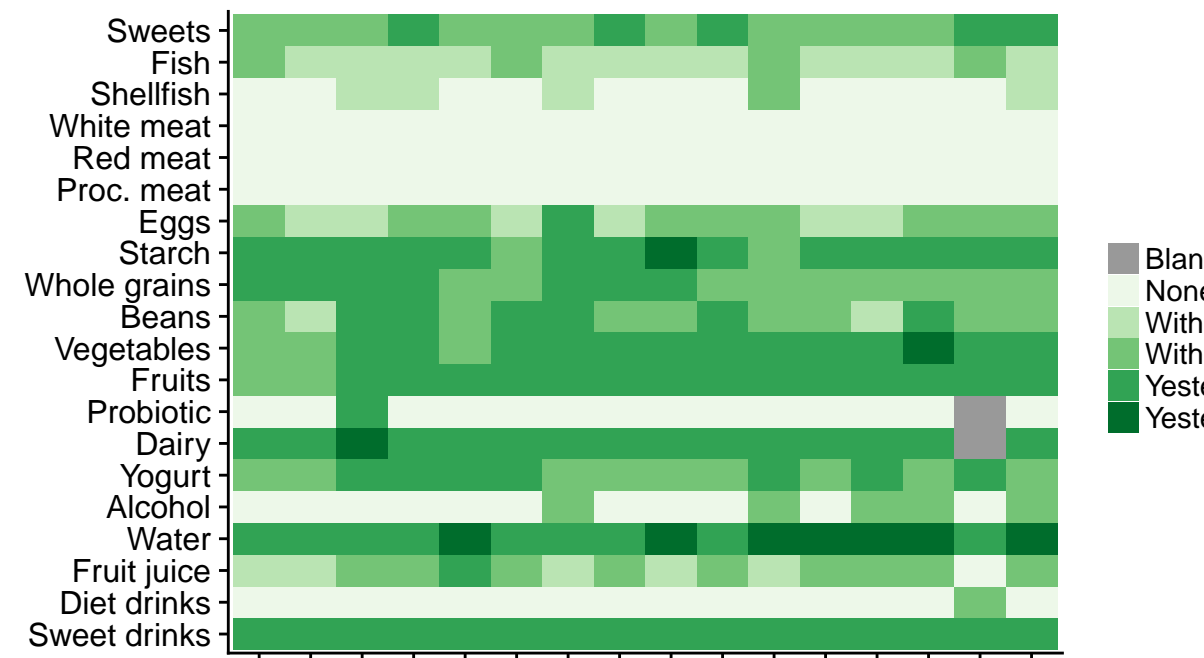


C3001: 43 Female White Cedars–Sinai | CD L3



- Alistipes onderdonkii
- Bacteroides caccae
- Bacteroides fragilis
- Bacteroides thetaiotaomicron
- Bacteroides uniformis
- Bacteroides vulgatus
- Eubacterium hallii
- Faecalibacterium prausnitzii
- Akkermansia muciniphila
- Escherichia coli
- other

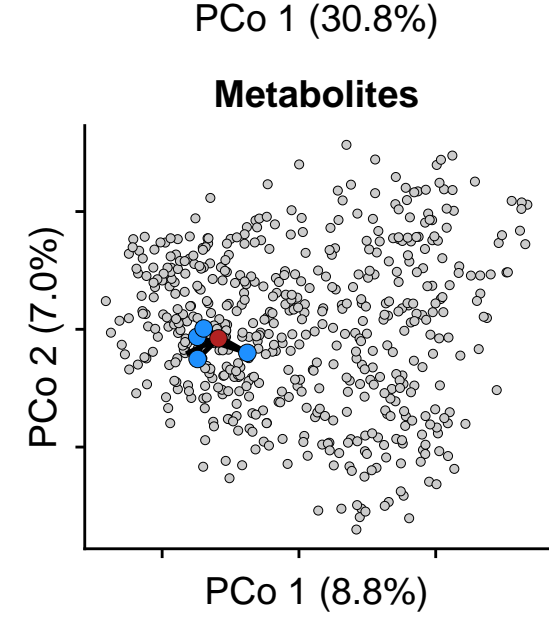
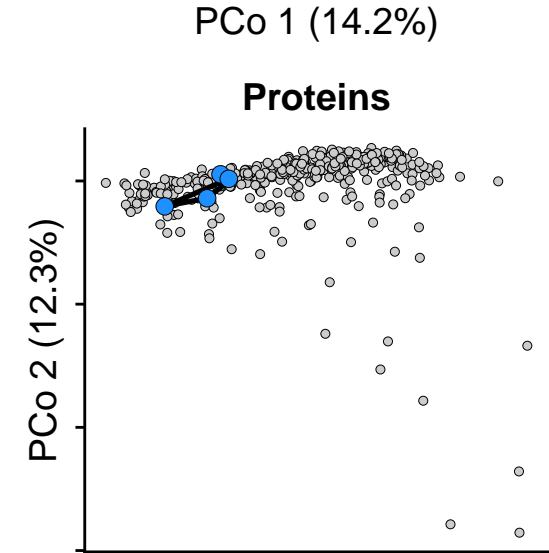
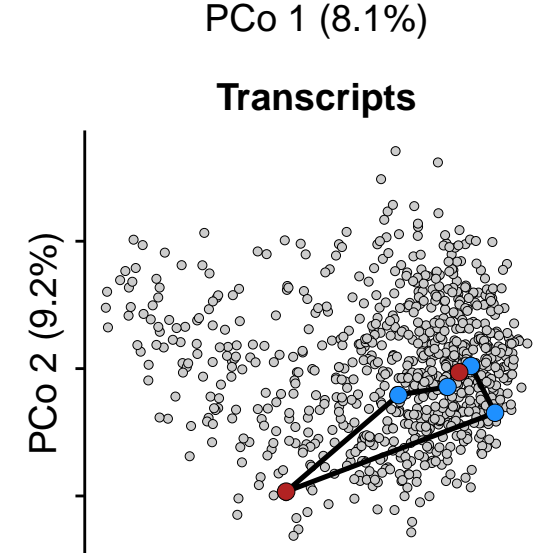
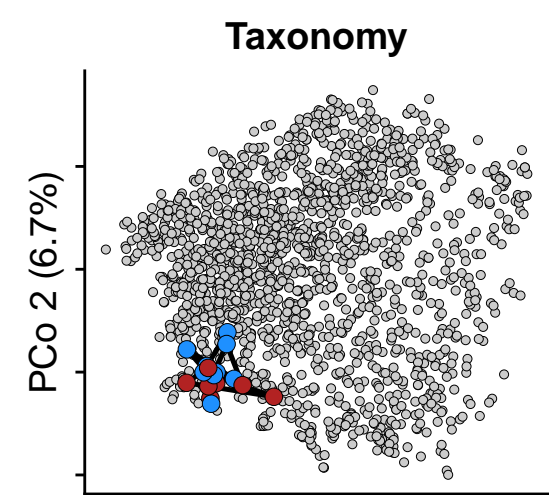
- Alistipes onderdonkii
- Bacteroides fragilis
- Bacteroides thetaiotaomicron
- Bacteroides uniformis
- Bacteroides vulgatus
- Faecalibacterium prausnitzii
- Roseburia hominis
- Roseburia inulinivorans
- Akkermansia muciniphila
- other
- unclassified

- obligate_anaerobe
- aerotolerant
- facultative_anaerobe
- unknown

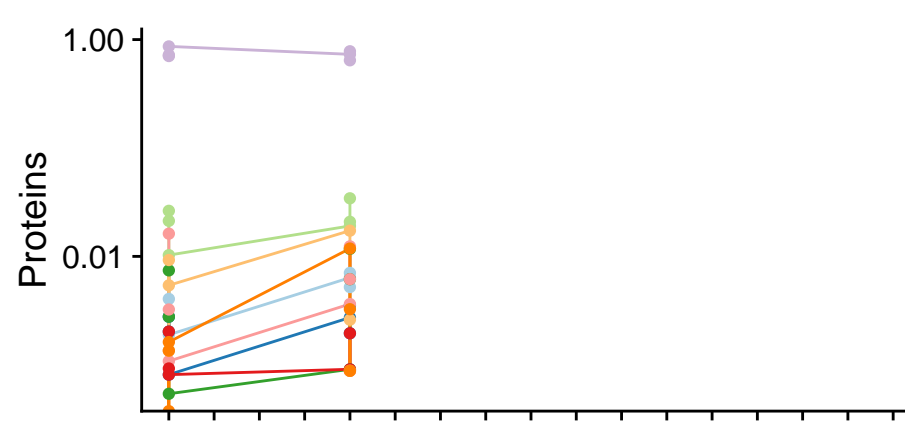
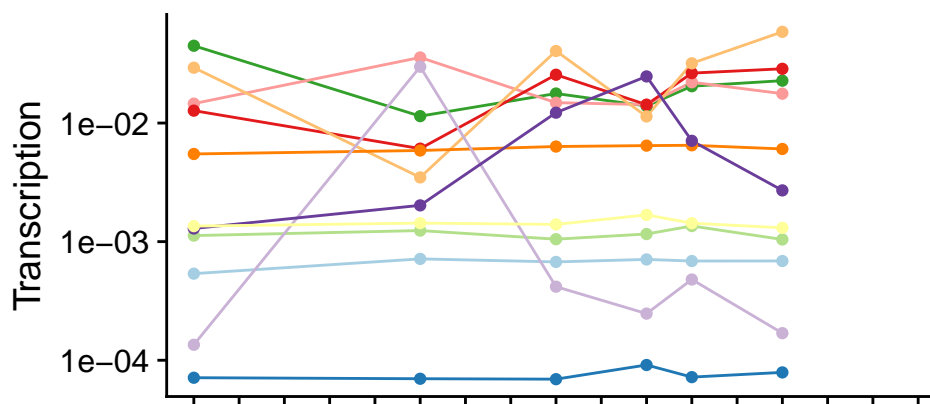
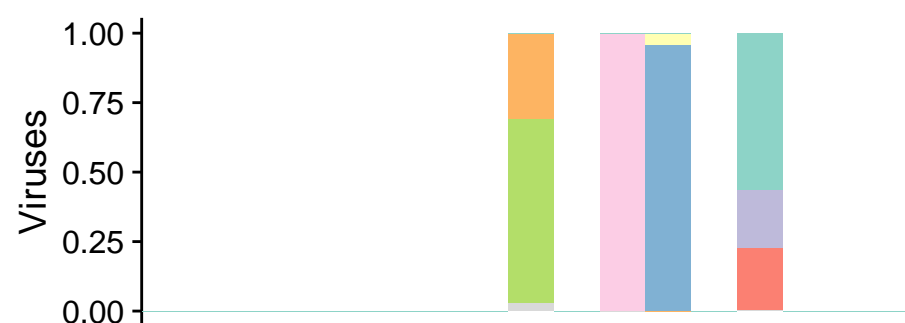
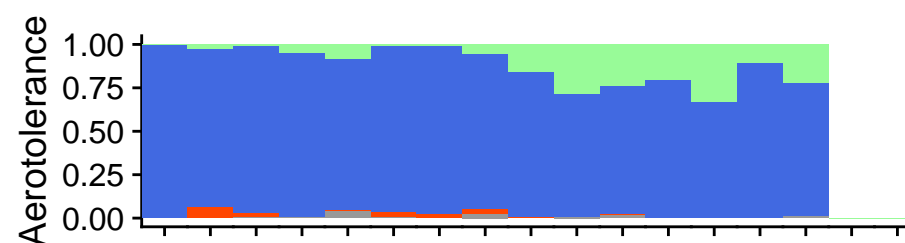
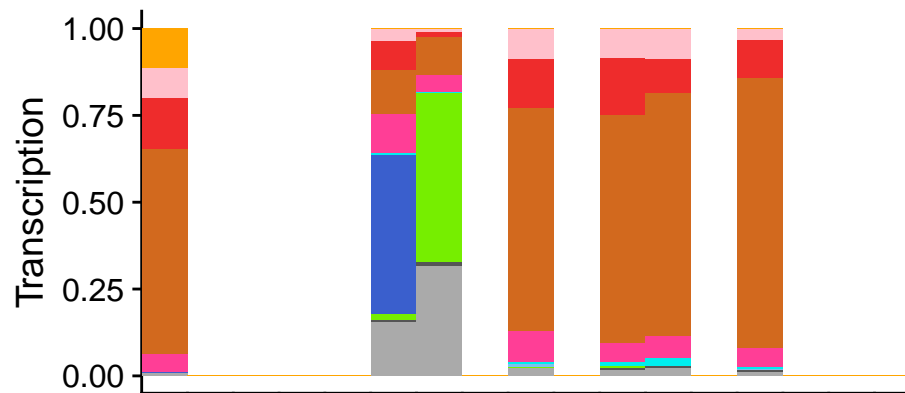
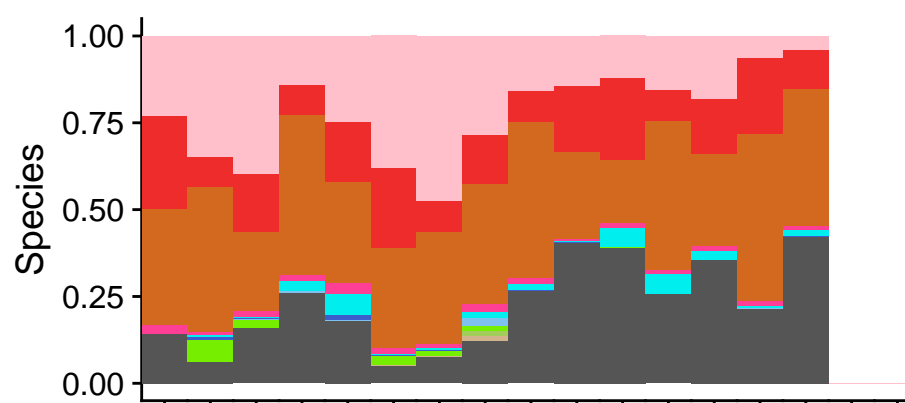
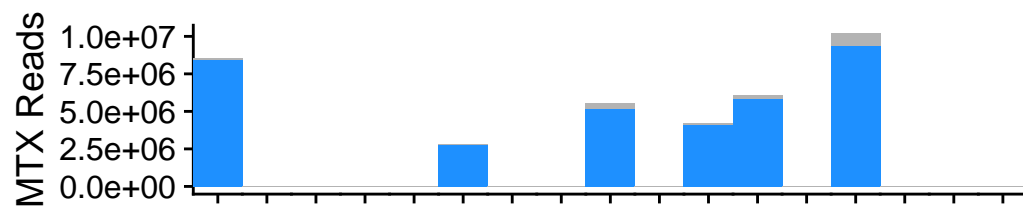
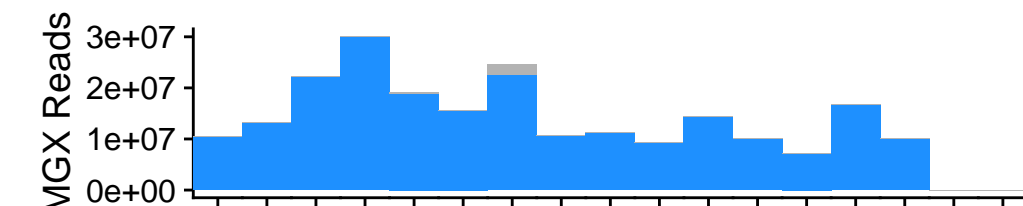
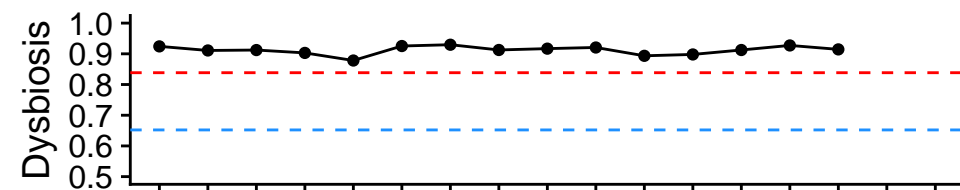
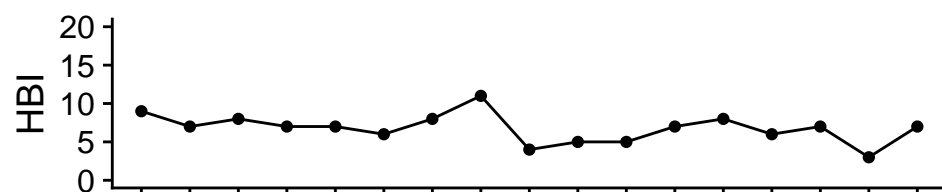
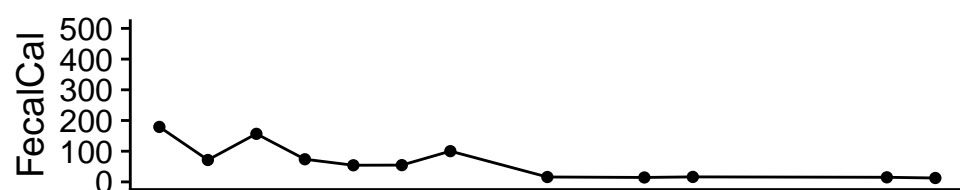
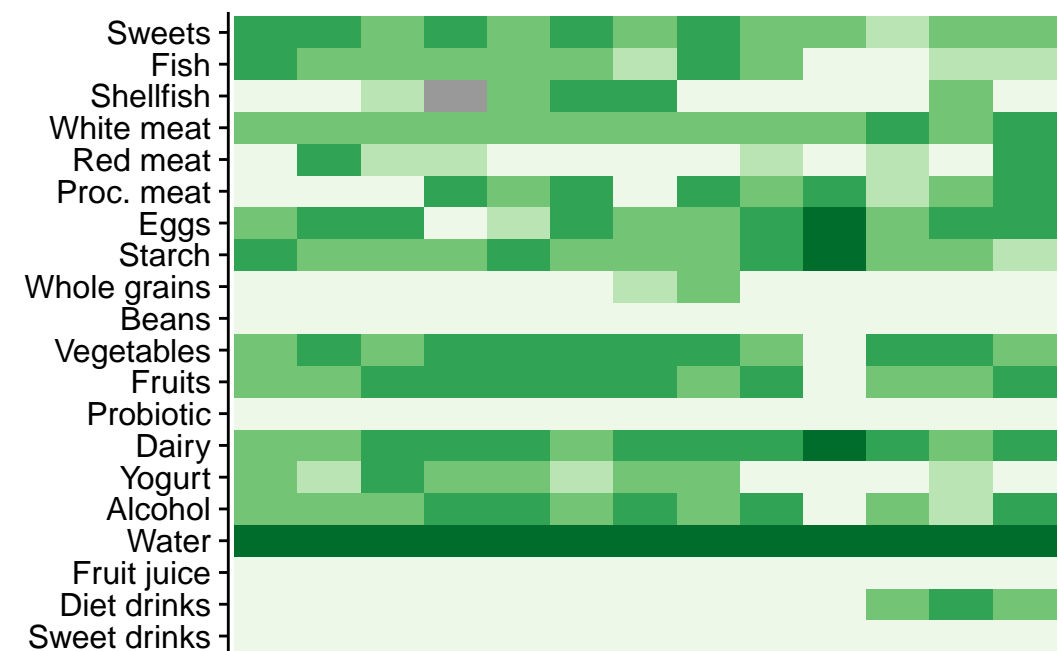
- Salmonella phage FelixO1
- Escherichia phage ECML-117
- unclassified Myoviridae
- Lactococcus phage 936 sensu lato
- Beet curly top virus
- Pepper mild mottle virus
- Tomato mosaic virus
- Tomato mottle mosaic virus
- other

- K02110: F-type H+-transporting ATPase sub...
- K02529: LacI family transcriptional regulator
- K02863: large subunit ribosomal protein L1
- K02887: large subunit ribosomal protein L20
- K02914: large subunit ribosomal protein L34
- K02992: small subunit ribosomal protein S7
- K04069: pyruvate formate lyase activating en...
- K04077: chaperonin GroEL
- K04078: chaperonin GroES
- K07164: NO_NAME
- K13993: HSP20 family protein

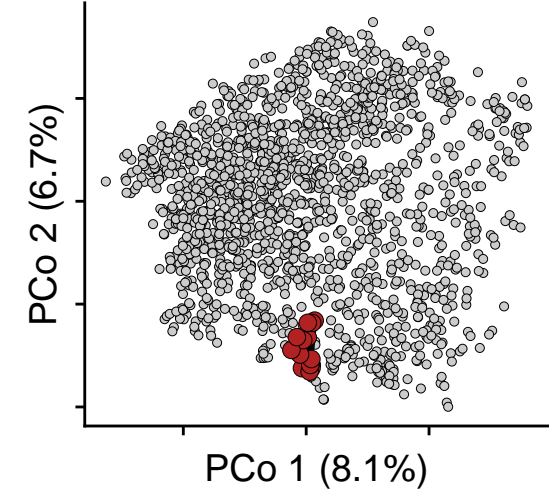
- K00024: malate dehydrogenase [EC:1.1.1.37]
- K00134: glyceraldehyde 3-phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K01610: phosphoenolpyruvate carboxykinase...
- K01805: xylose isomerase [EC:5.3.1.5]
- K01812: glucuronate isomerase [EC:5.3.1.12]
- K02358: elongation factor EF-Tu
- K04077: chaperonin GroEL
- K10200: N-acetylglucosamine transport syst...
- UNGROUPED



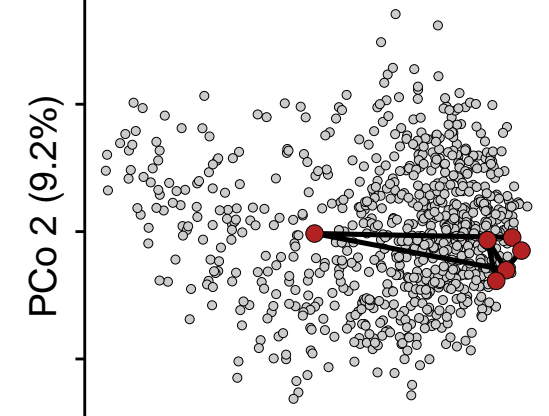
C3002: 76 Female White Cedars-Sinai | CD L3



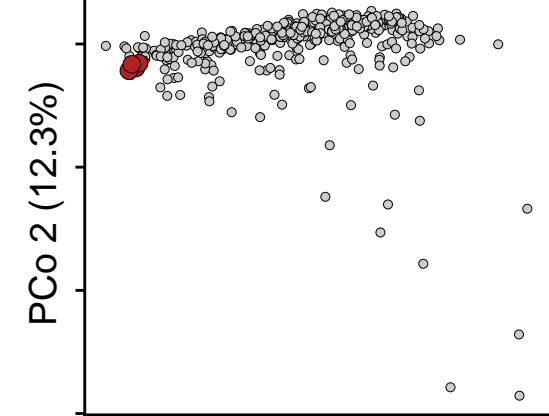
Taxonomy



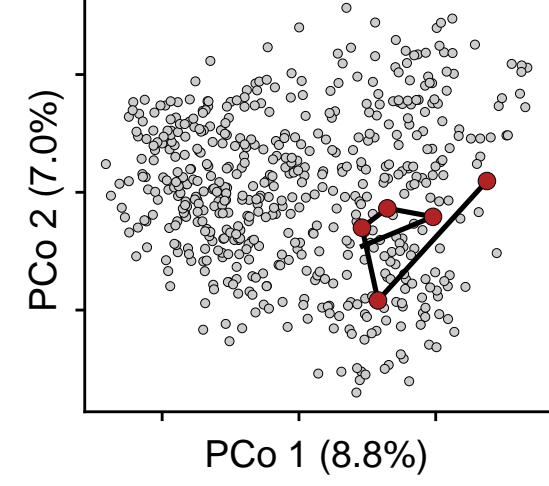
Transcripts



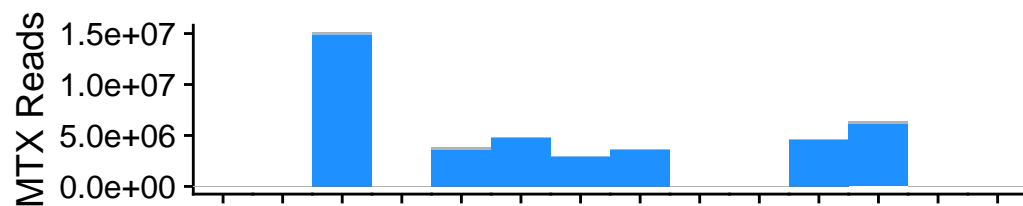
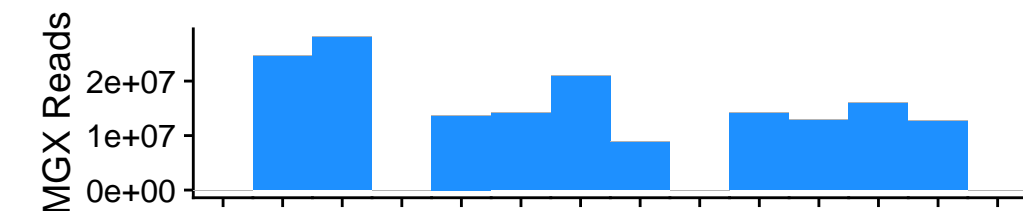
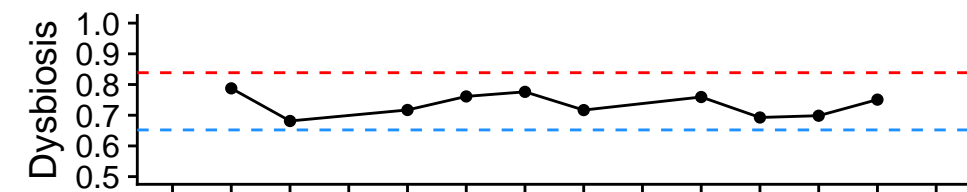
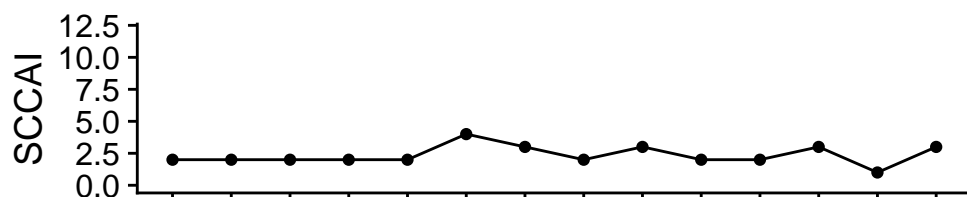
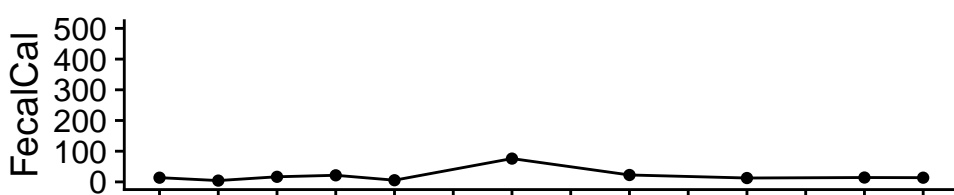
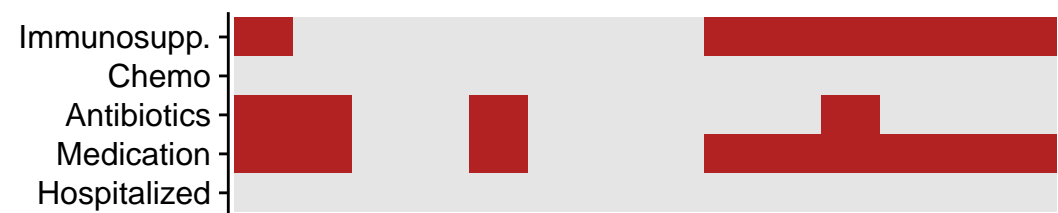
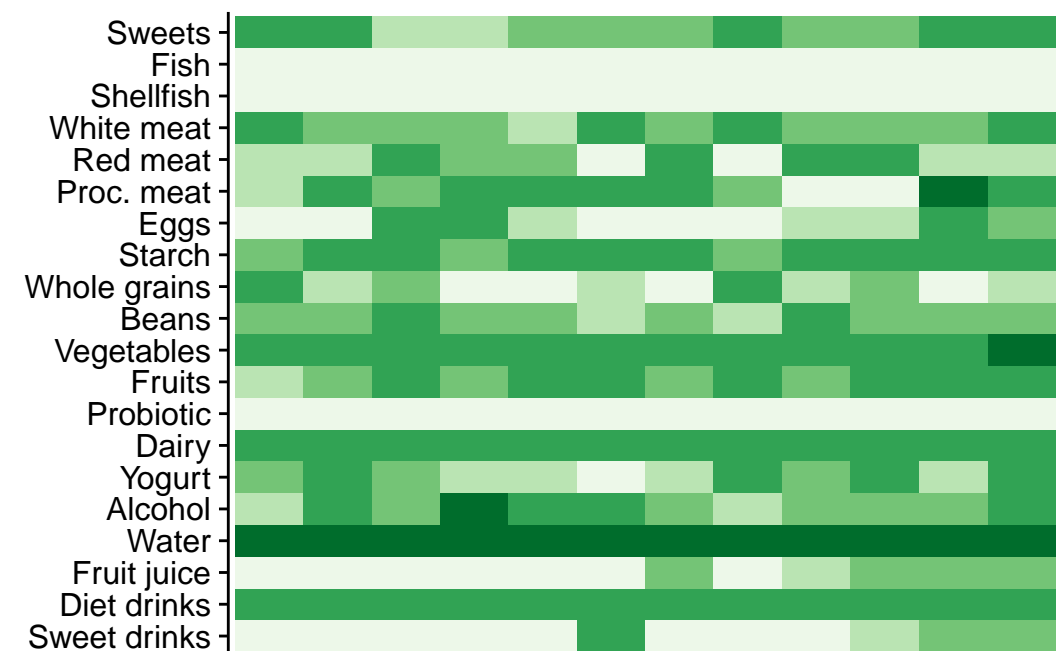
Proteins



Metabolites



C3003: 43 Female White Cedars–Sinai | UC



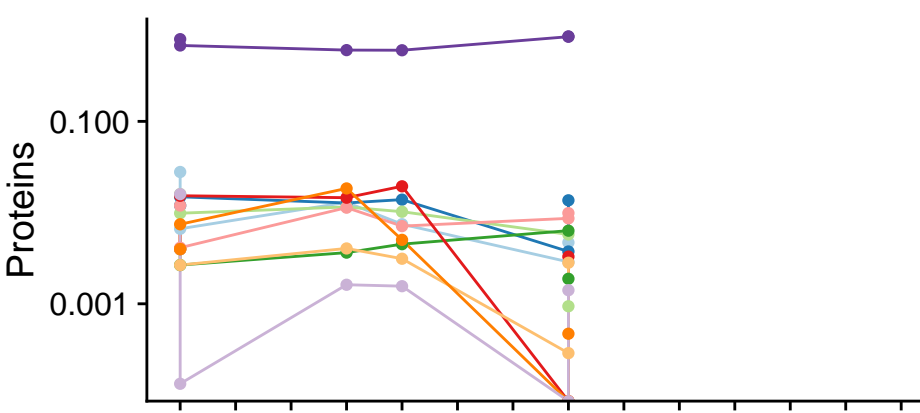
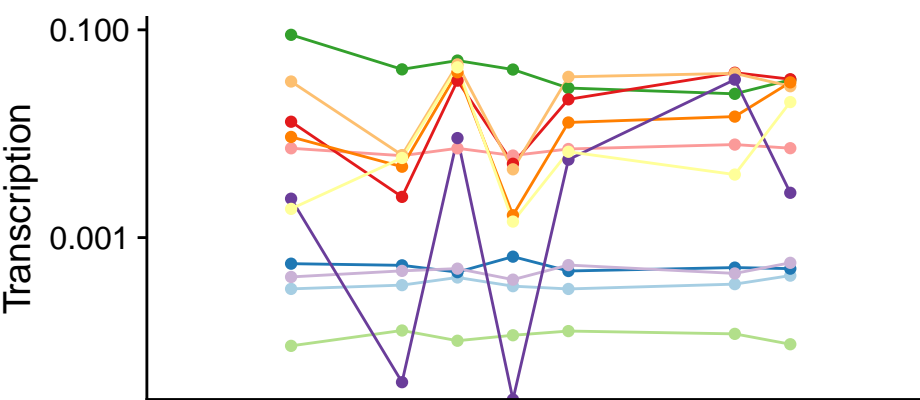
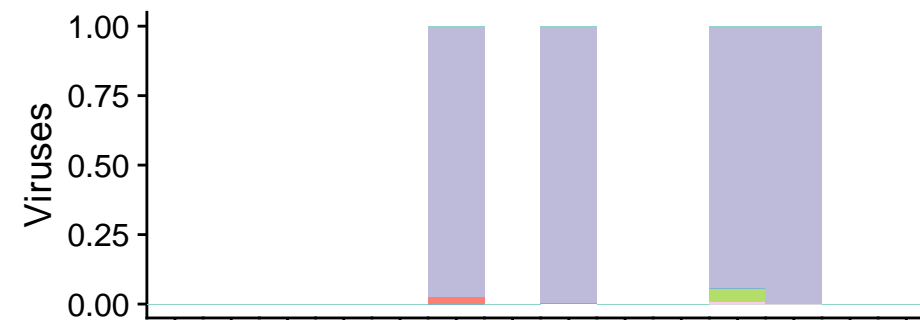
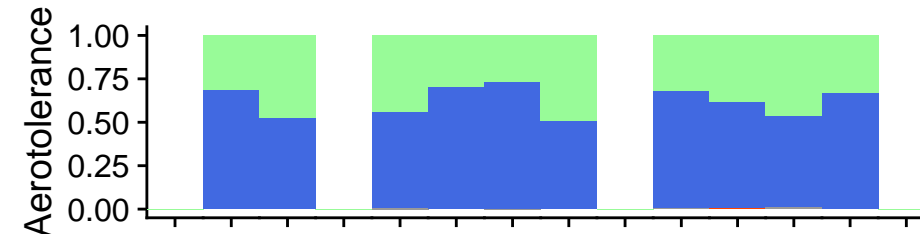
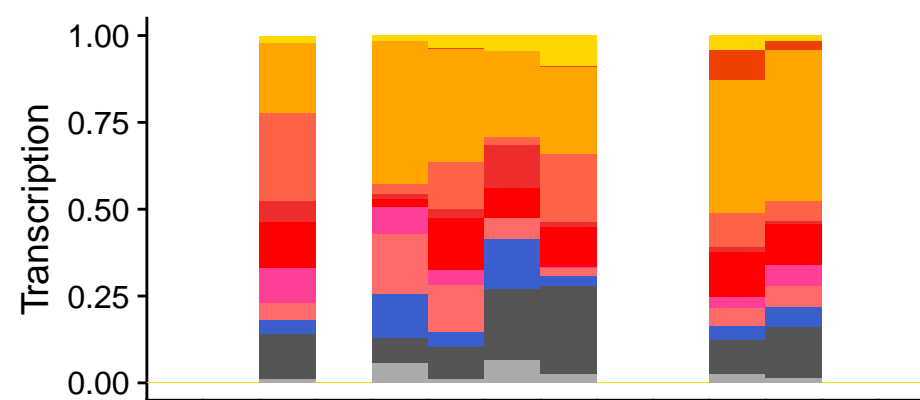
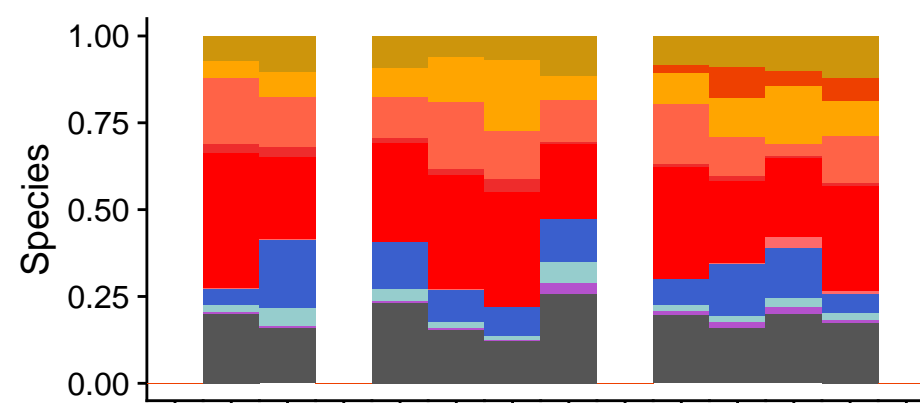
Blank
None 7+ days
Within 4–7 days
Within 2–3 days
Yesterday 1–2x
Yesterday 3x+

Yes
No

Dysbiosis
Eubiosis

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Parabacteroides distasonis
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Ruminococcus bromii
other

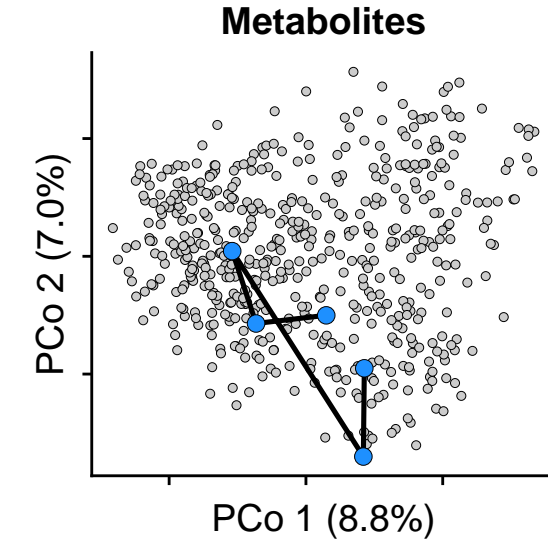
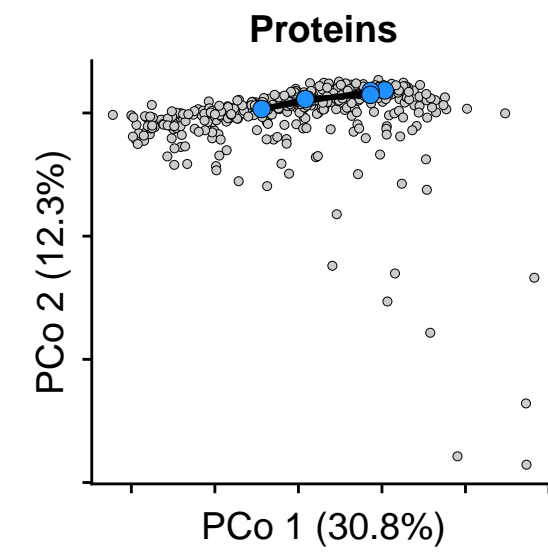
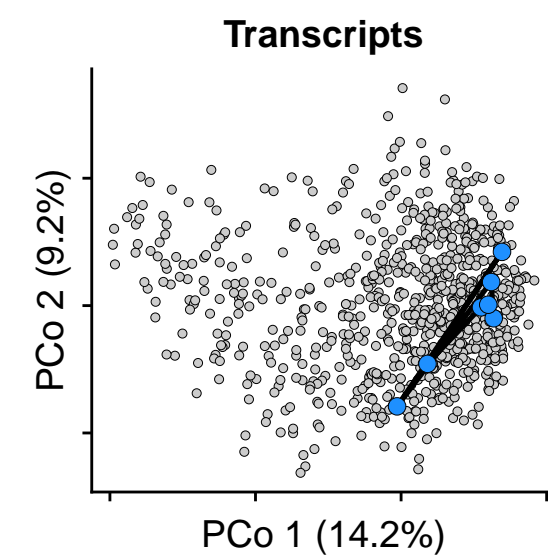
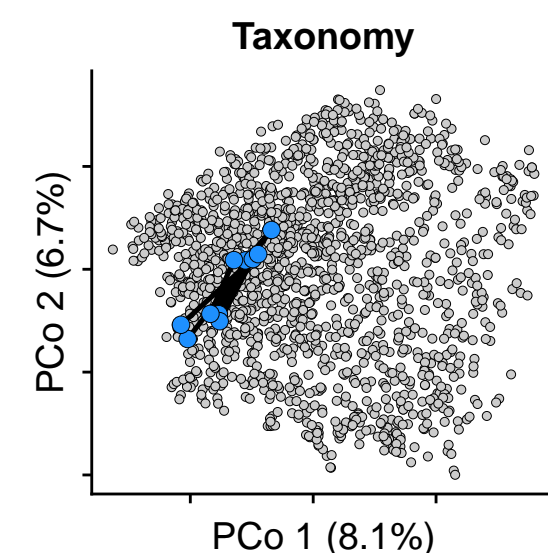
Alistipes onderdonkii
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides xylanisolvens
Parabacteroides distasonis
Faecalibacterium prausnitzii
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

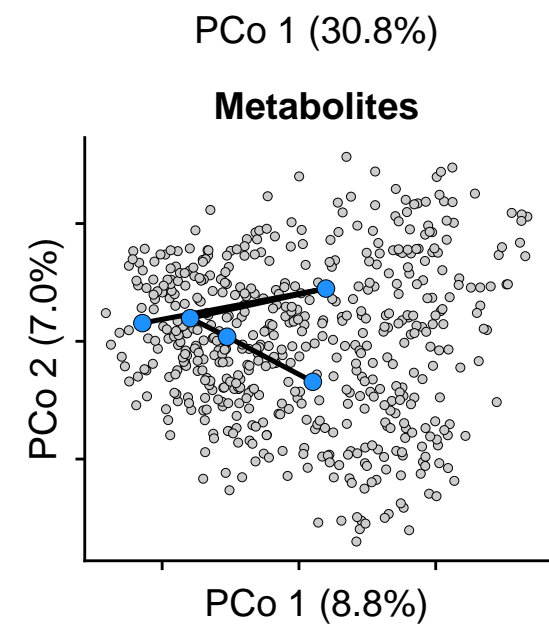
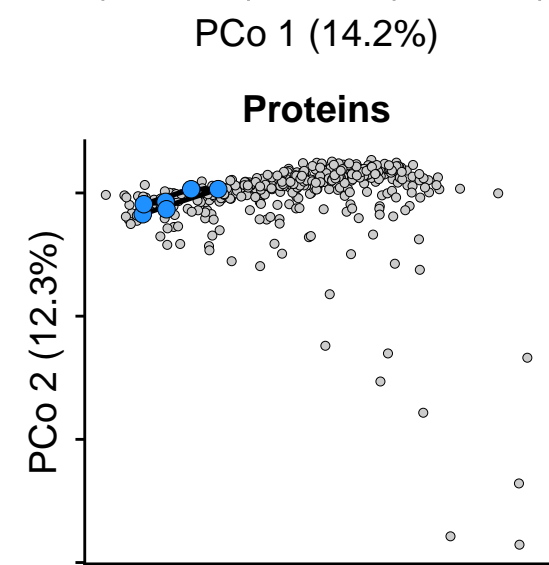
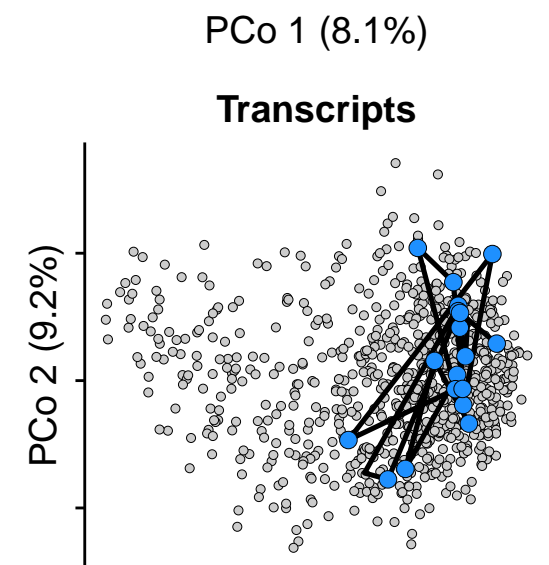
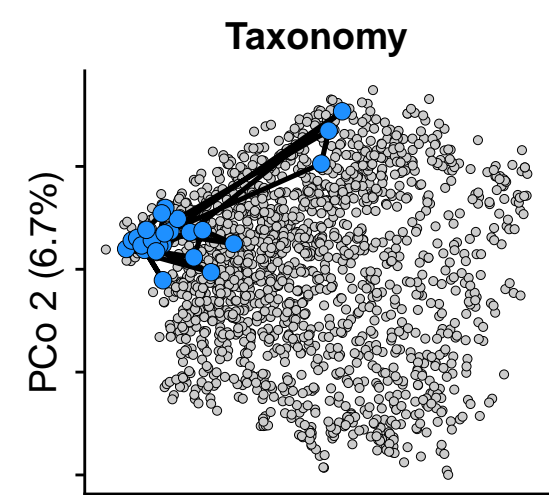
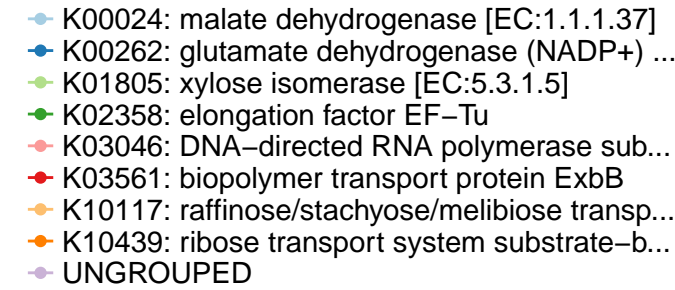
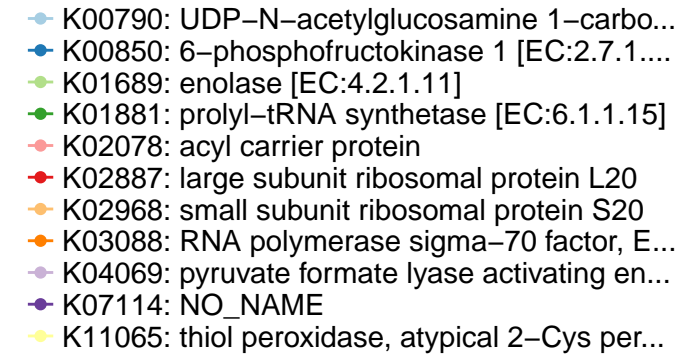
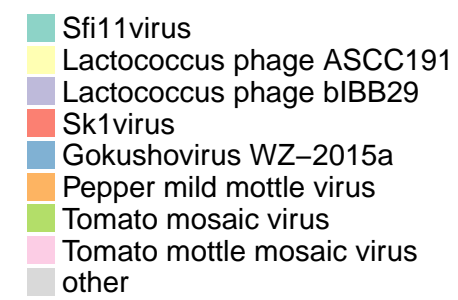
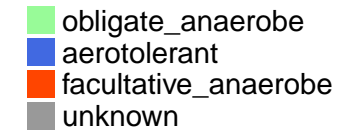
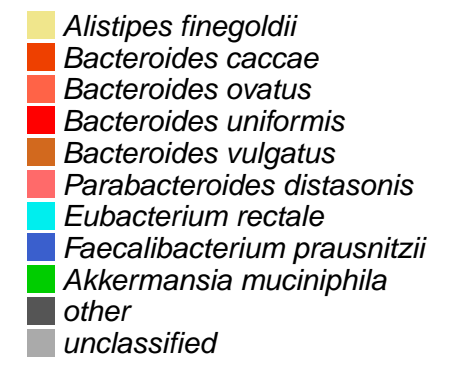
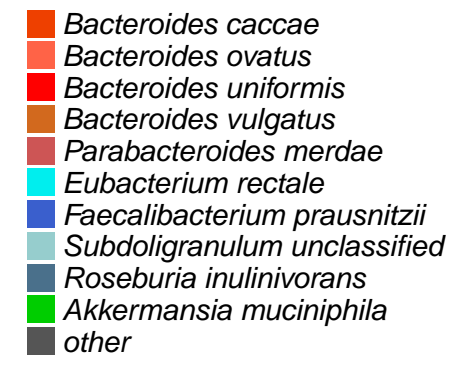
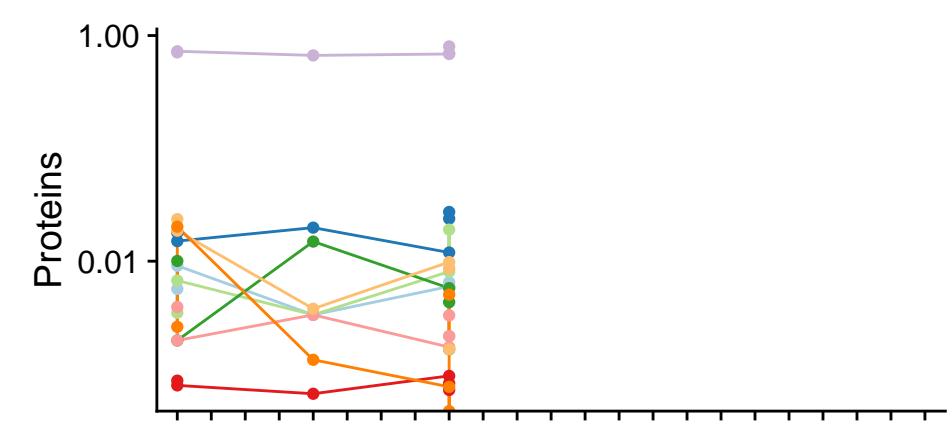
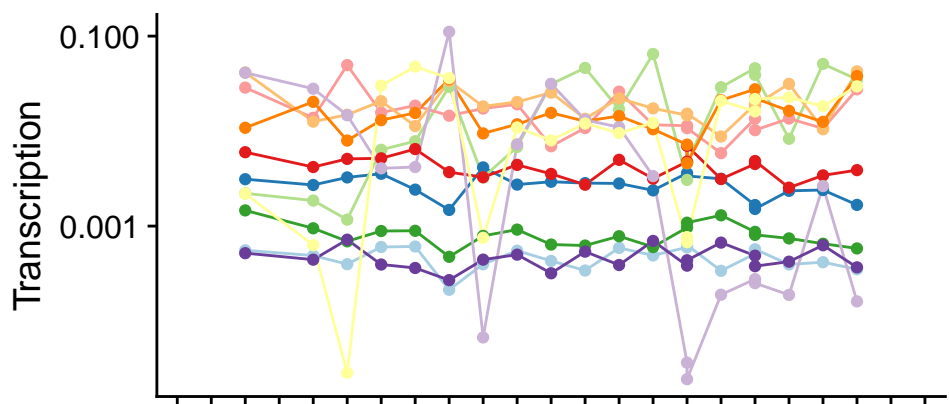
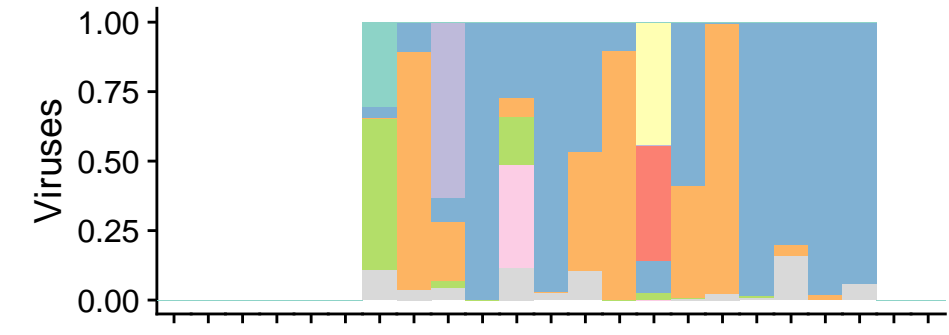
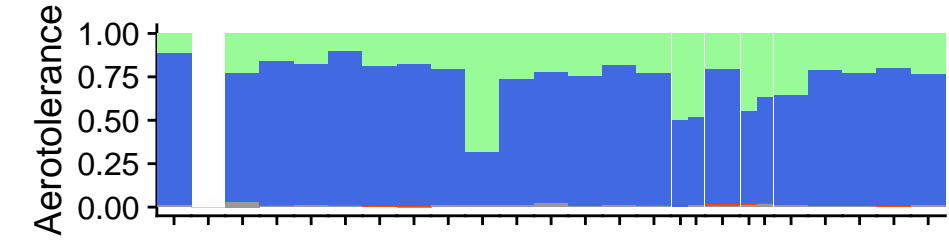
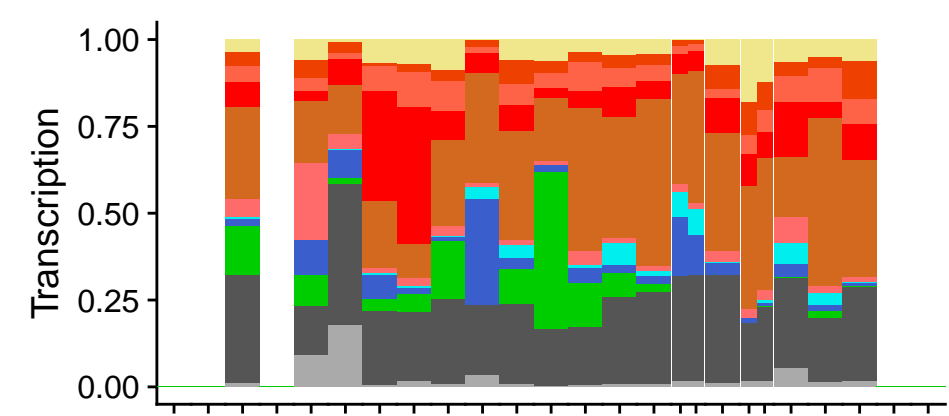
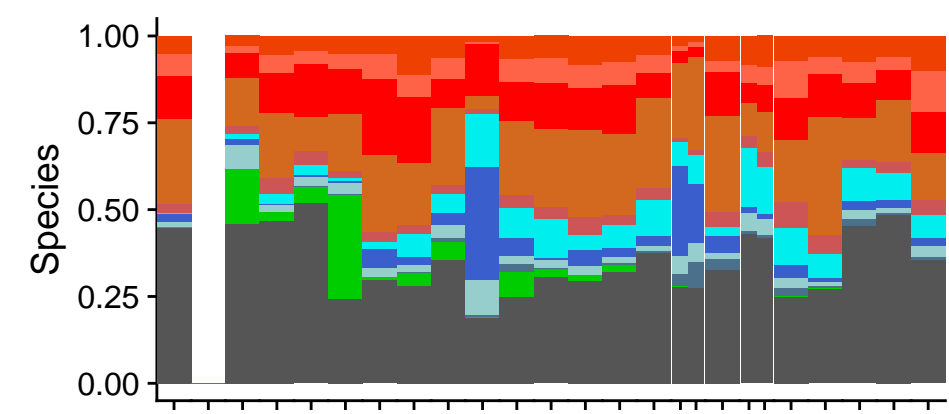
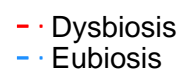
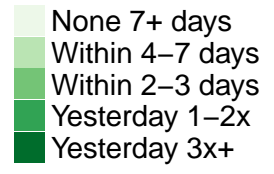
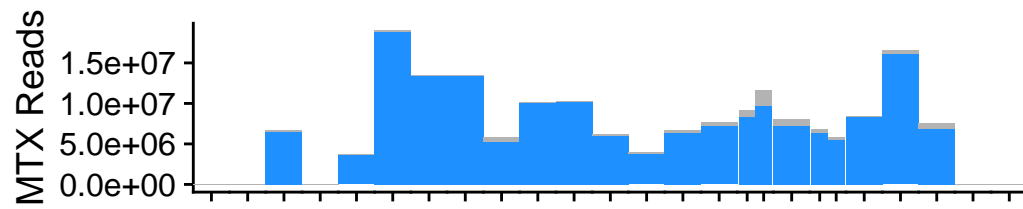
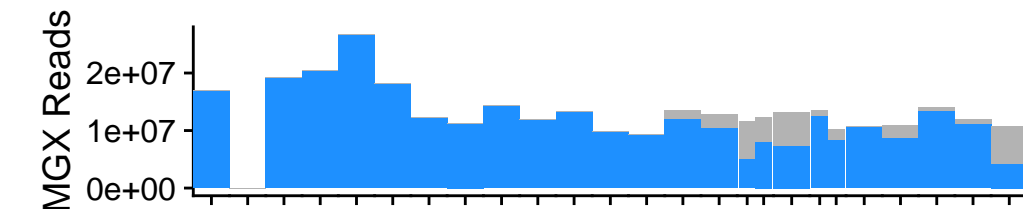
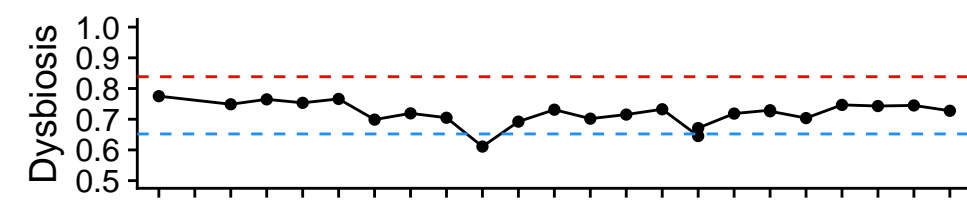
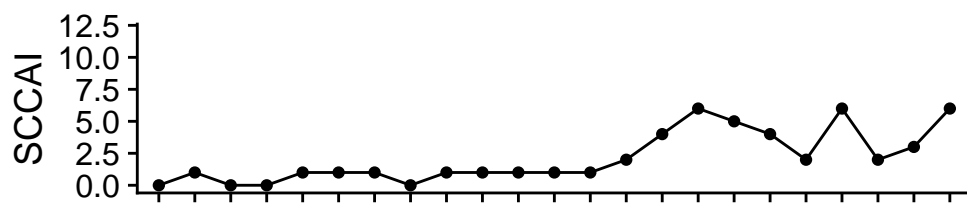
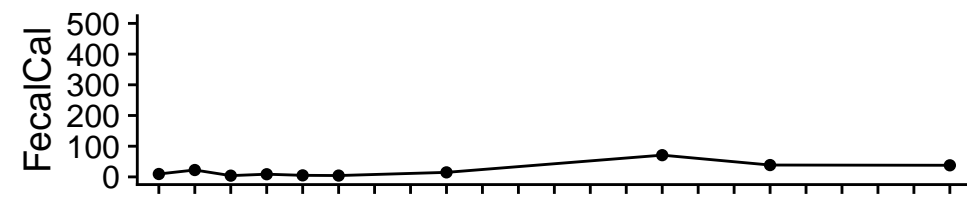
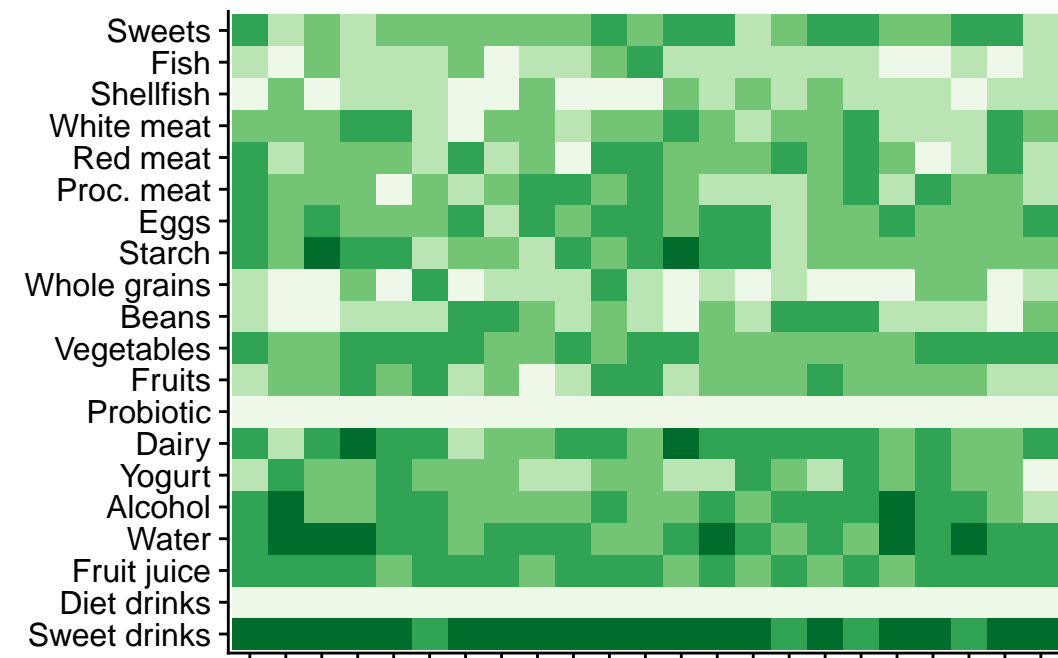
Sk1virus
Leuconostoc phage phiLN03
Gokushovirus WZ–2015a
Pepper mild mottle virus
Tobacco mild green mosaic virus
Tobacco mosaic virus
Tomato mosaic virus
Tomato mottle mosaic virus
other

K01662: 1–deoxy–D–xylulose–5–phosphate ...
K01714: 4–hydroxy–tetrahydrodipicolinate sy...
K01886: glutamyl–tRNA synthetase [EC:6....
K02078: acyl carrier protein
K02899: large subunit ribosomal protein L27
K02914: large subunit ribosomal protein L34
K03088: RNA polymerase sigma–70 factor, E...
K04078: chaperonin GroES
K06942: NO_NAME
K07154: NO_NAME
K13993: HSP20 family protein

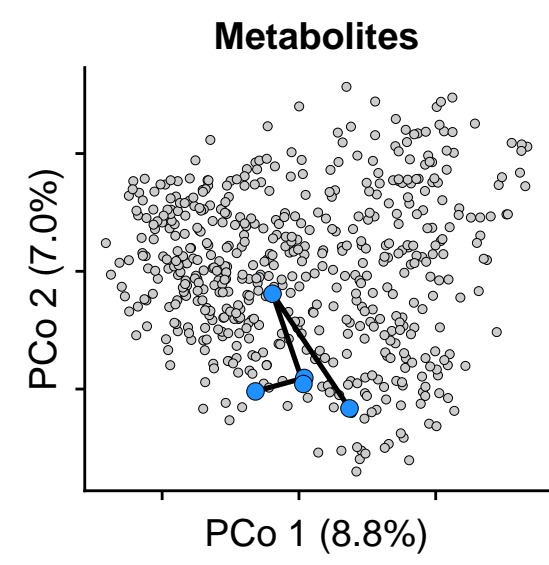
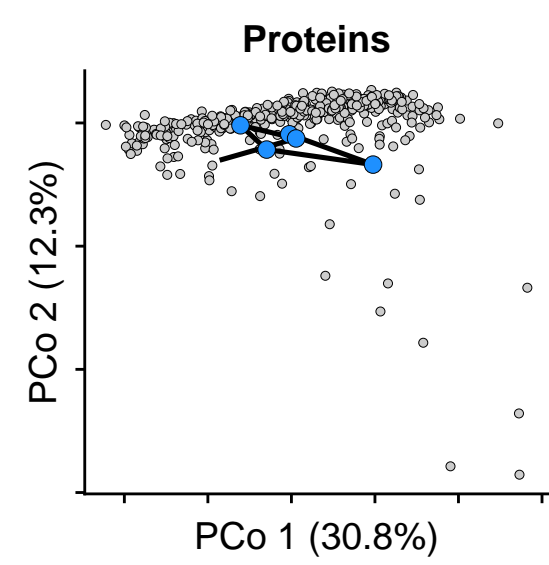
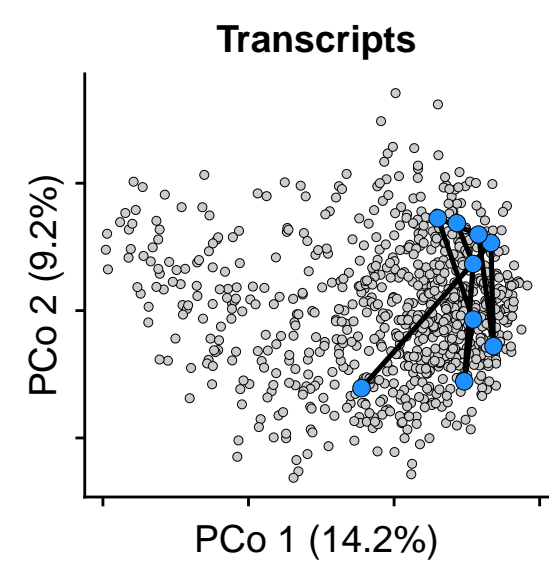
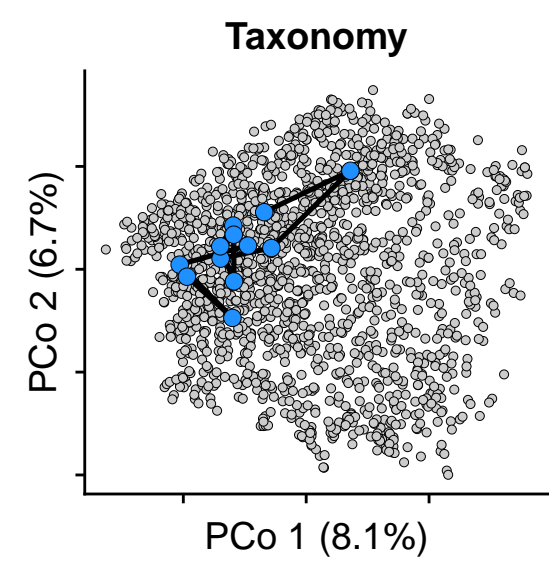
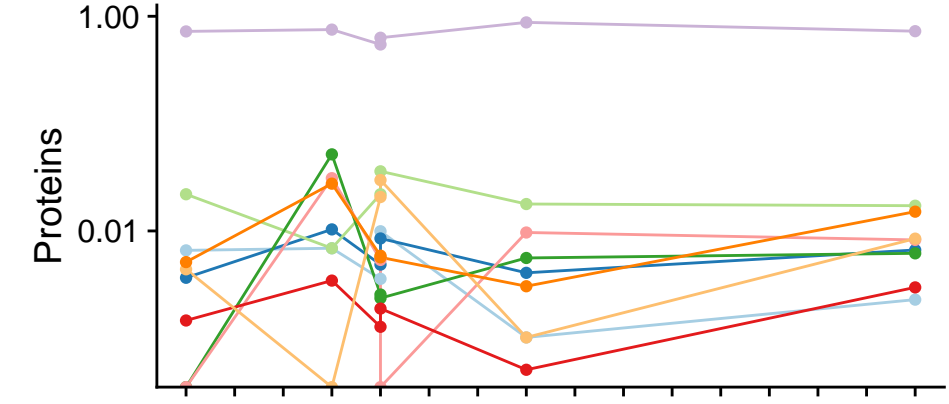
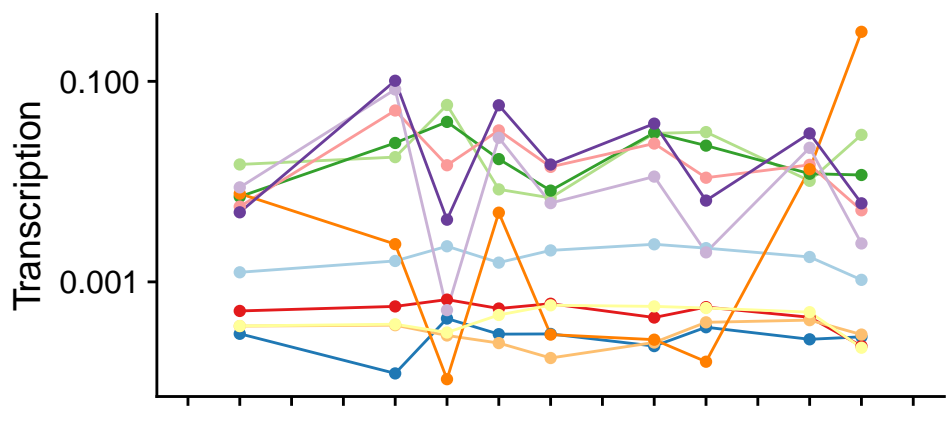
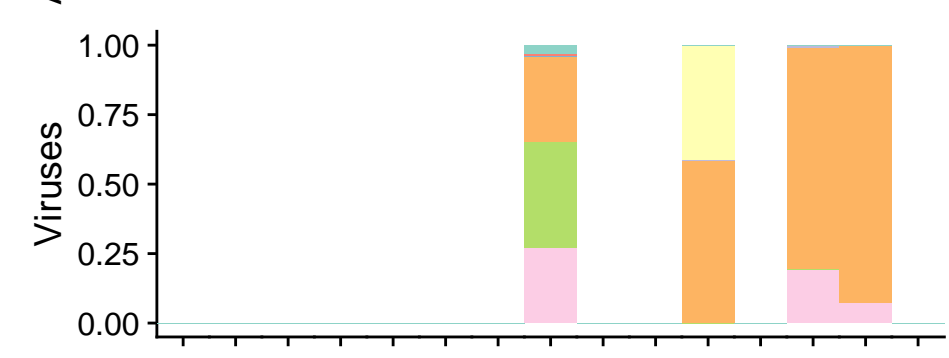
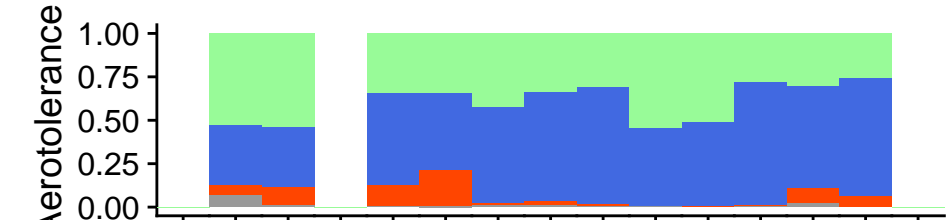
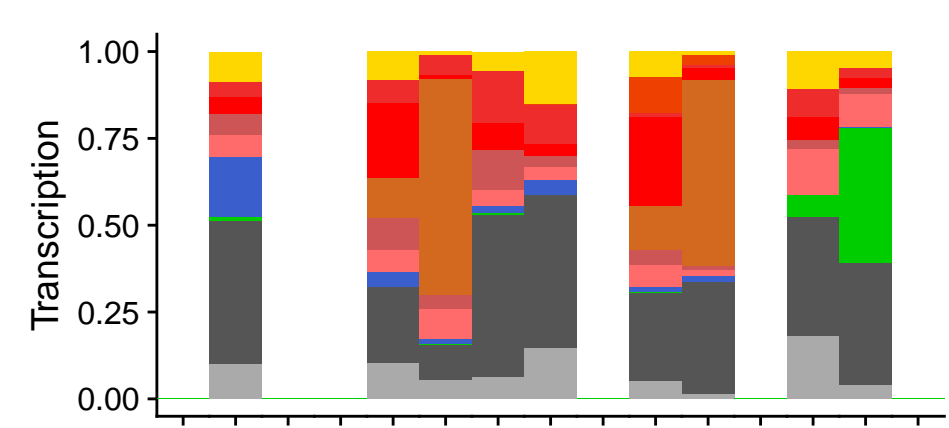
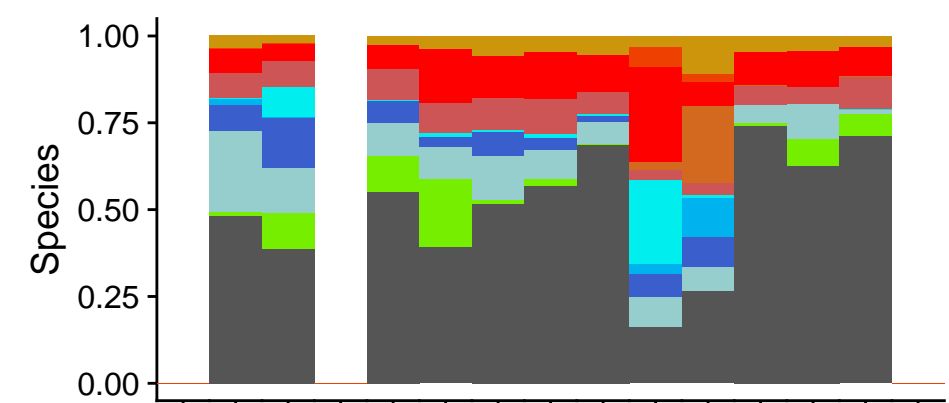
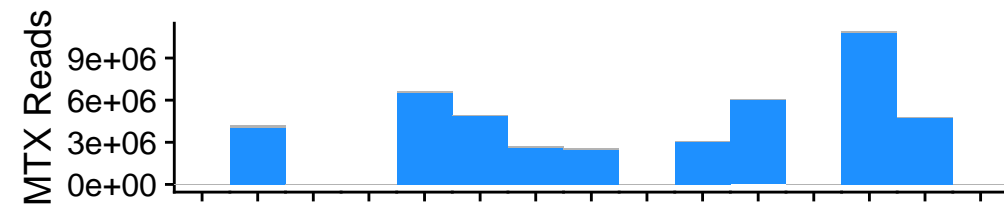
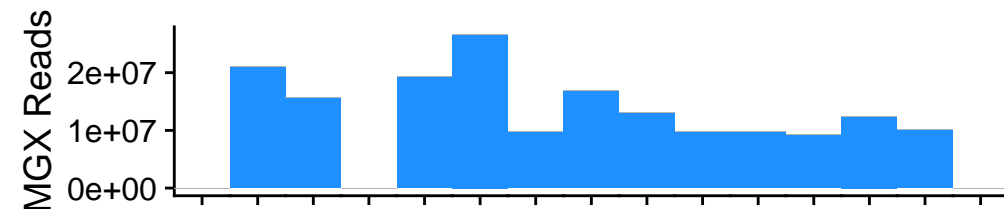
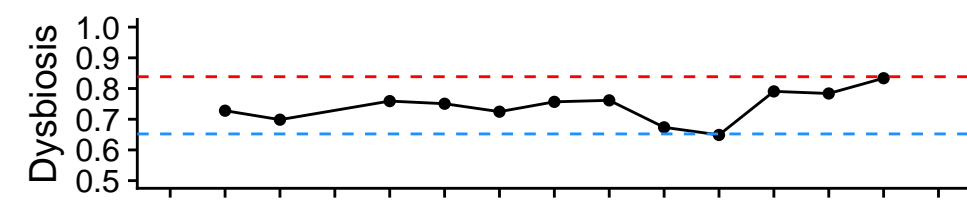
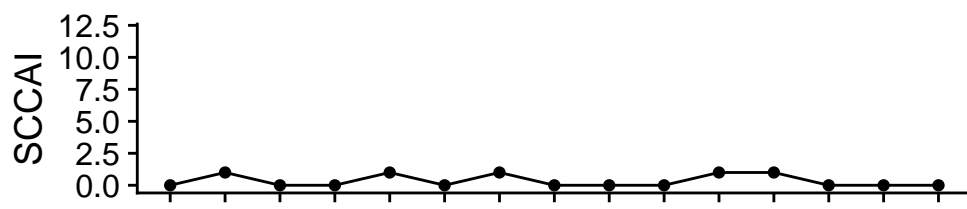
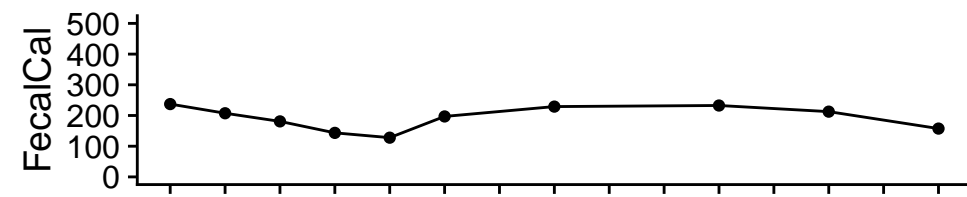
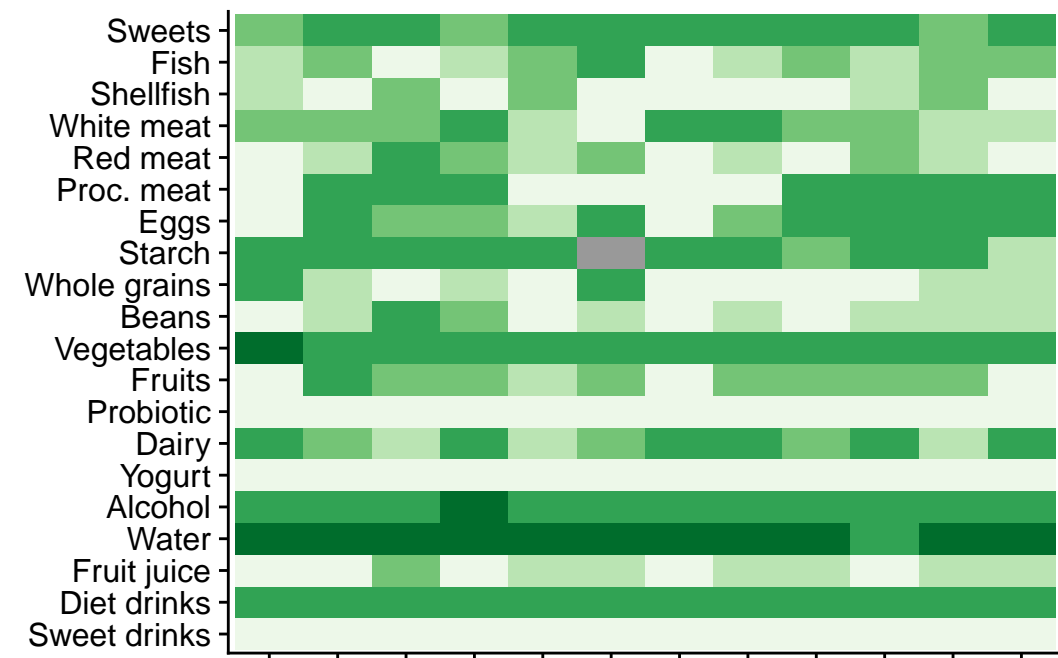
K00134: glyceraldehyde 3–phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01804: L–arabinose isomerase [EC:5.3.1.4]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF–Tu
K02867: large subunit ribosomal protein L11
K04077: chaperonin GroEL
K09475: outer membrane pore protein C
UNGROUPED



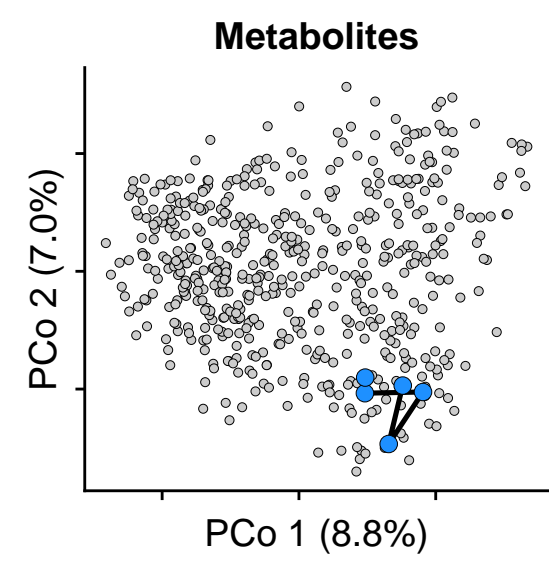
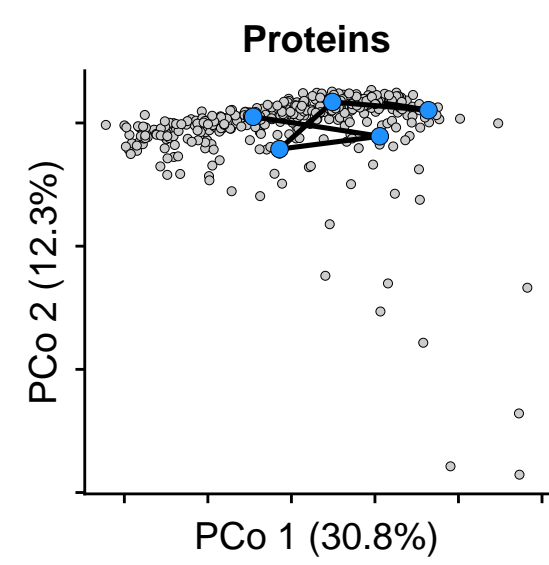
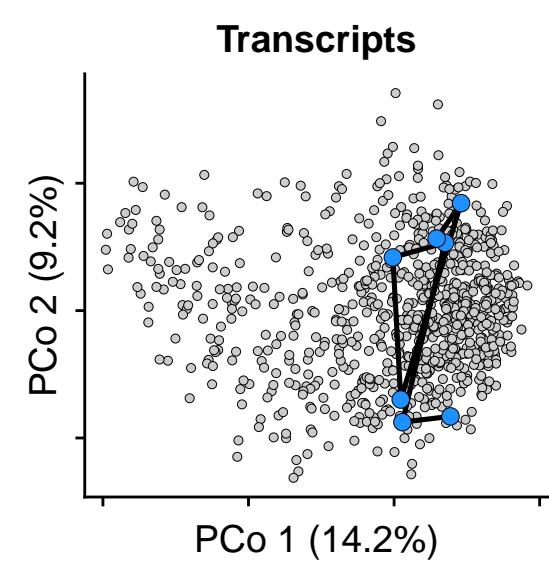
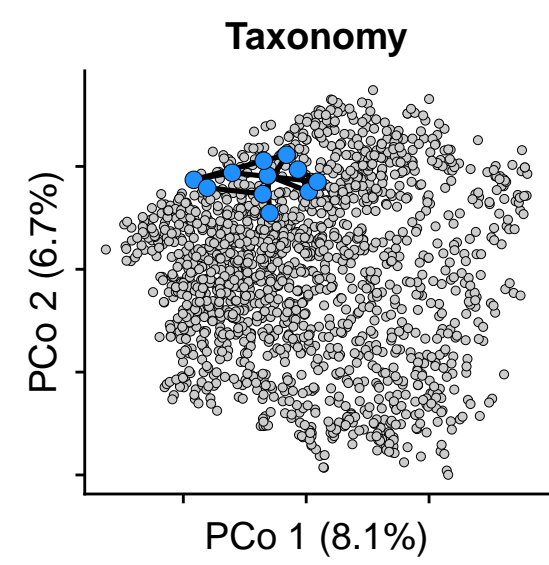
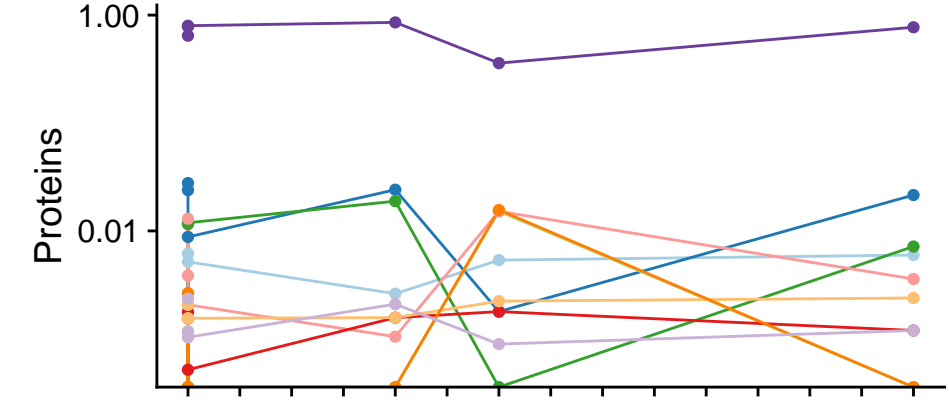
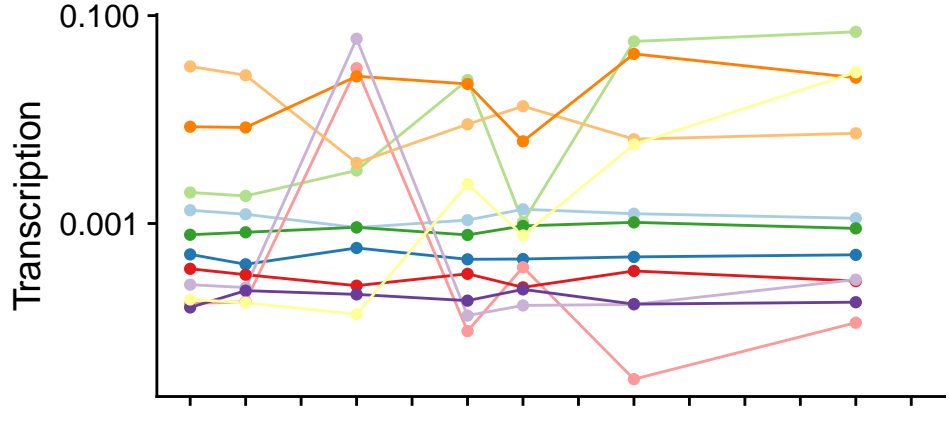
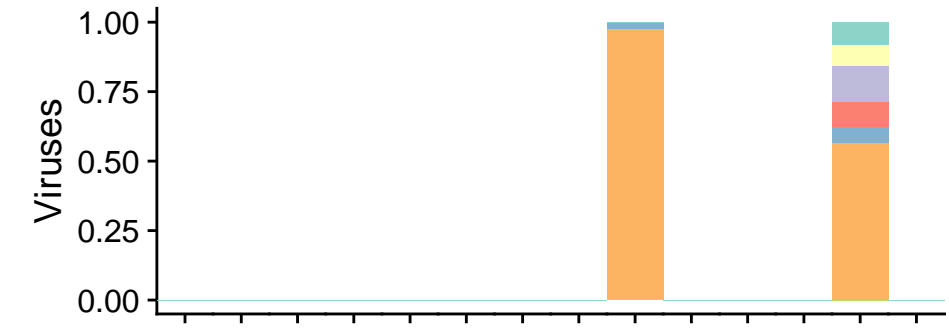
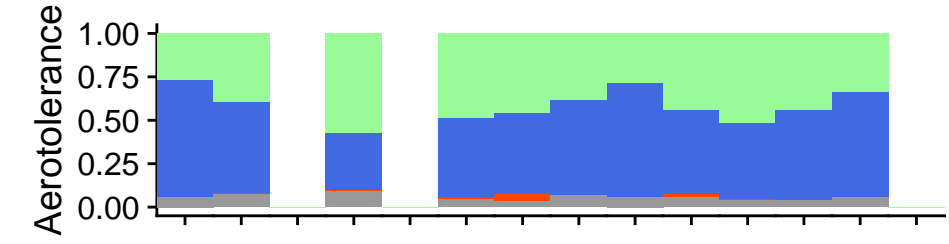
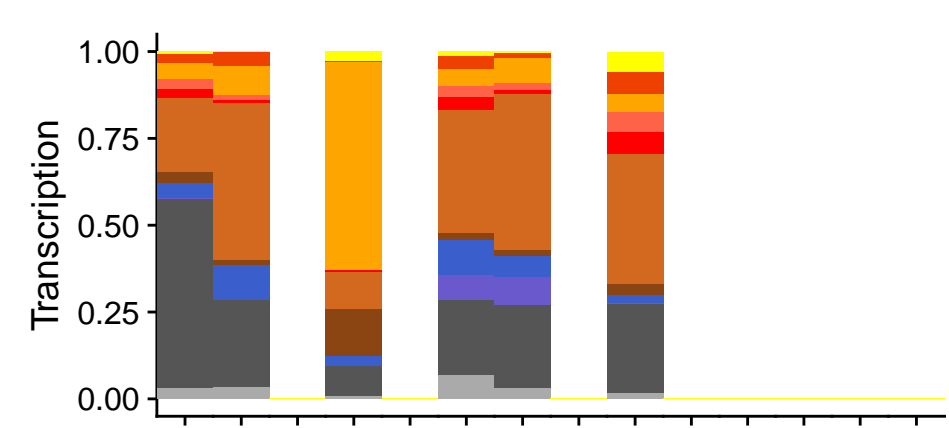
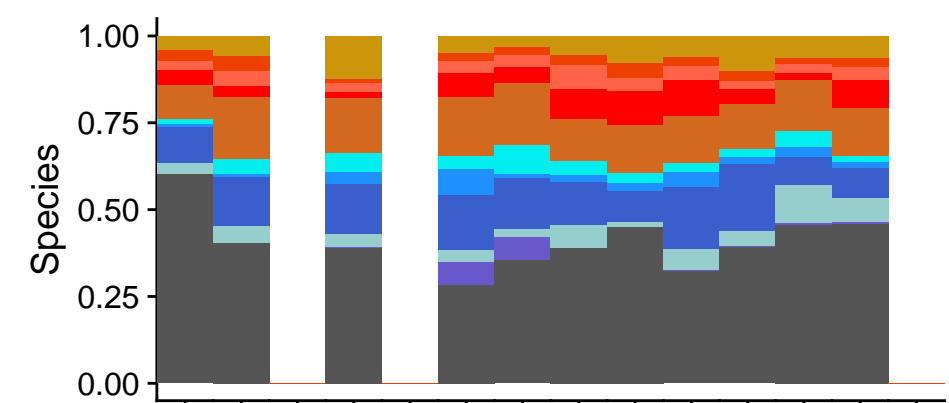
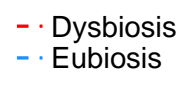
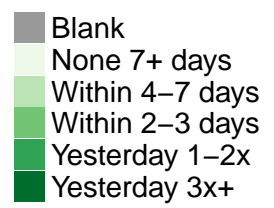
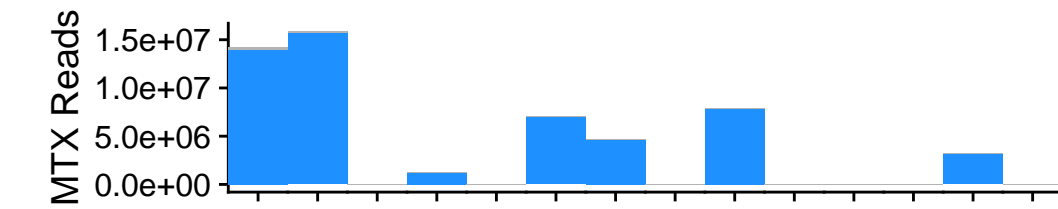
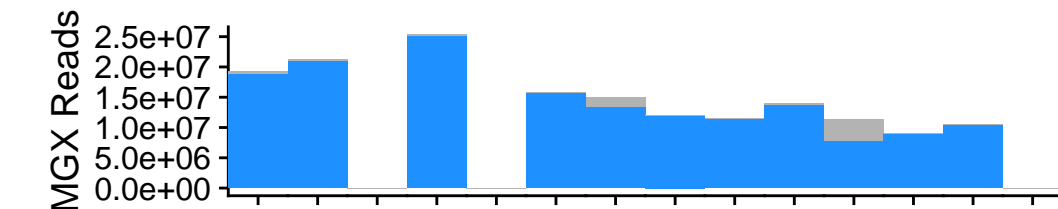
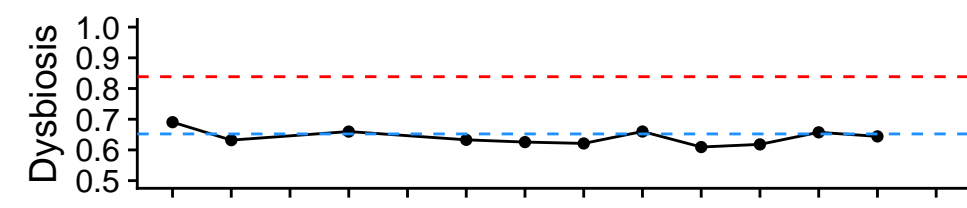
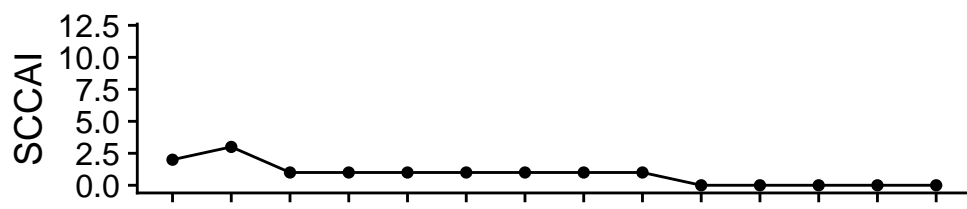
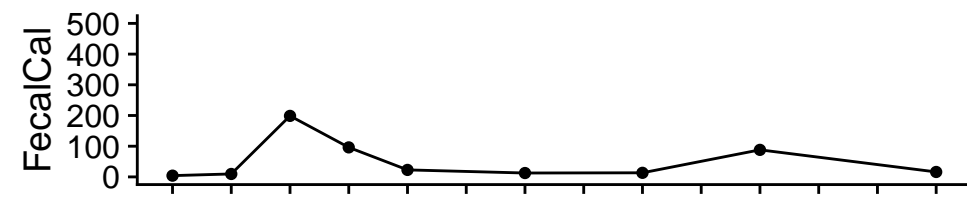
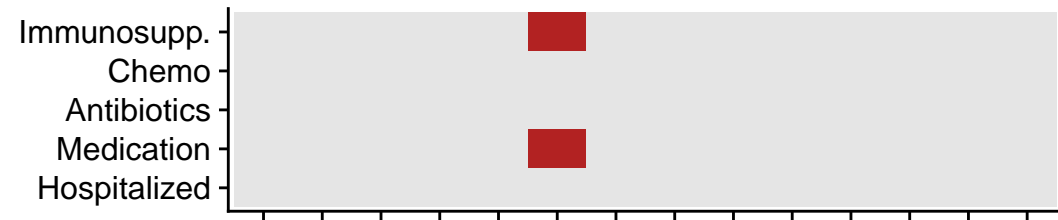
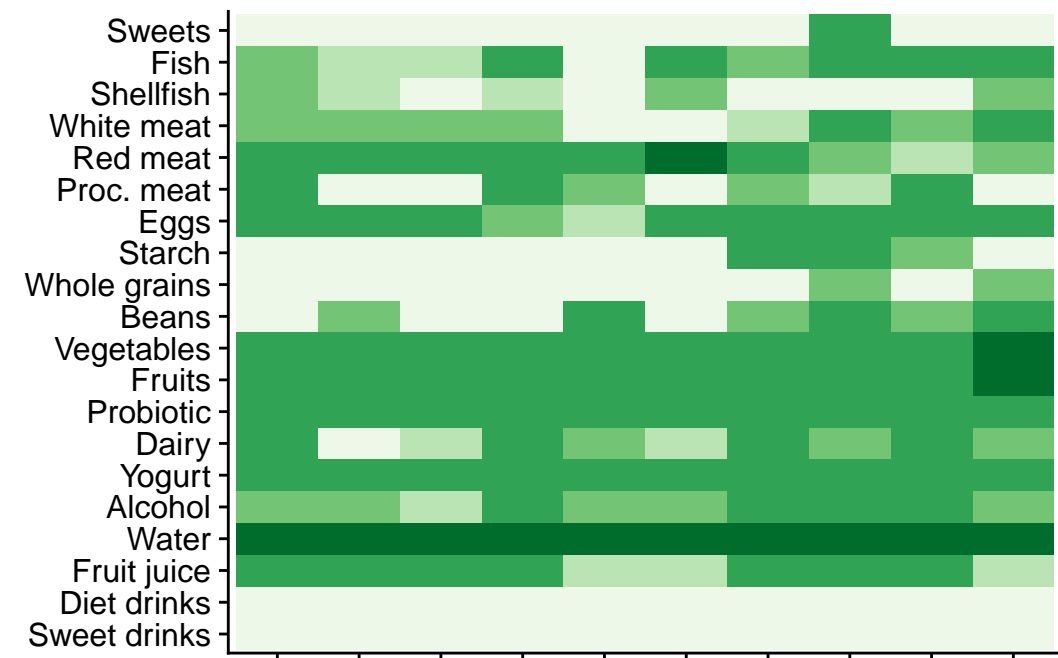
C3004: 47 Female White Cedars–Sinai | UC



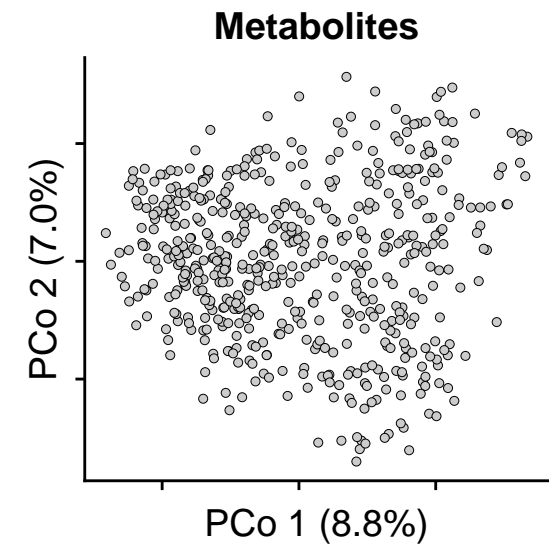
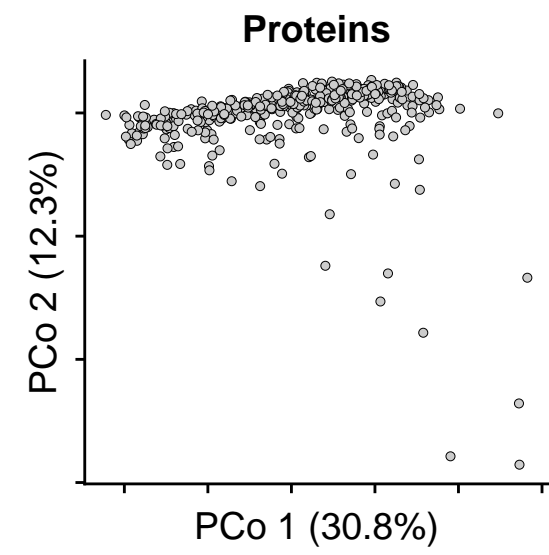
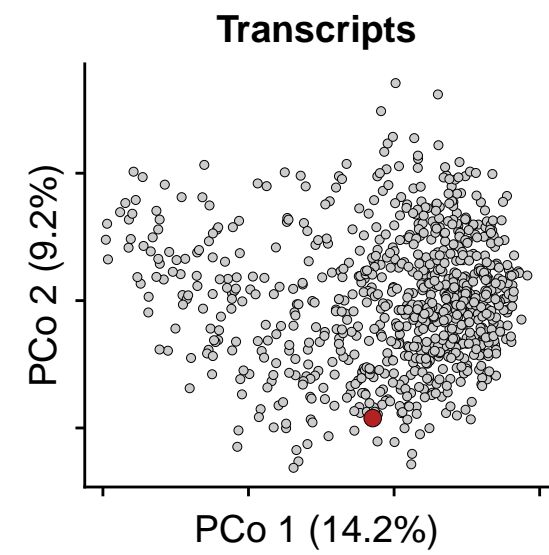
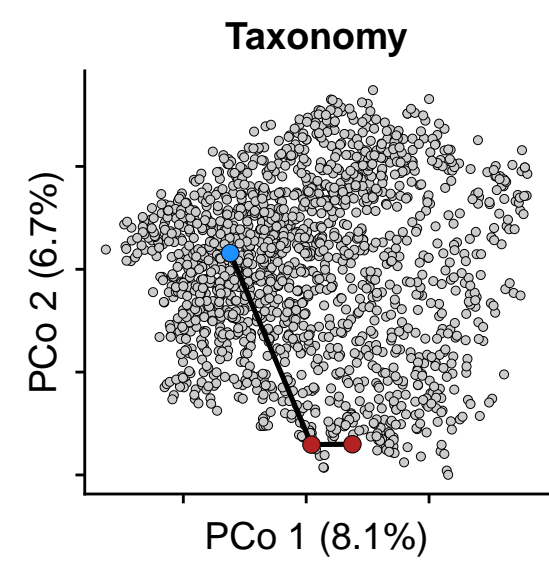
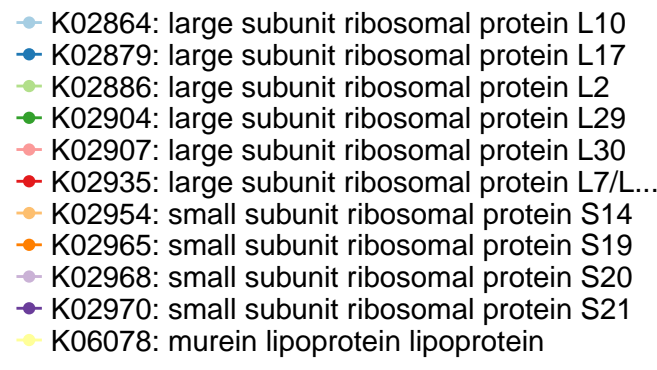
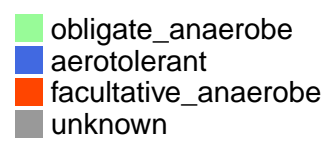
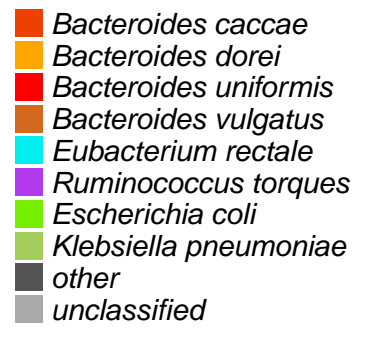
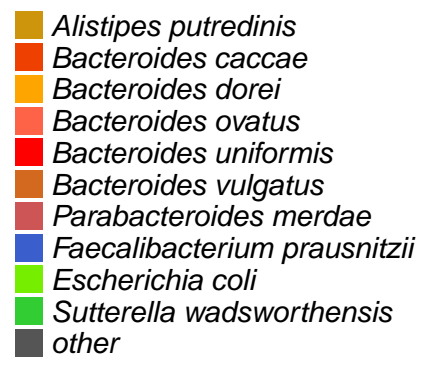
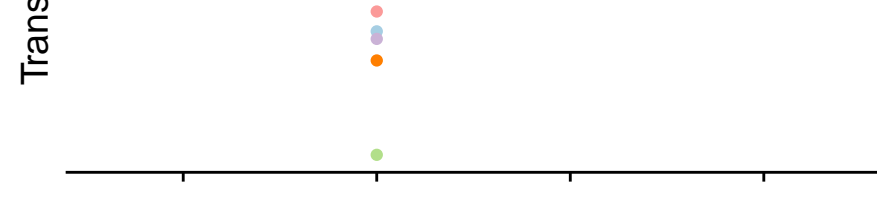
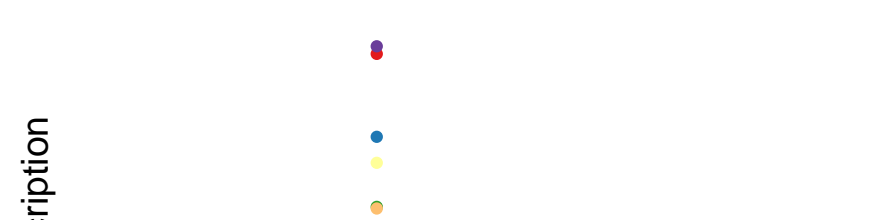
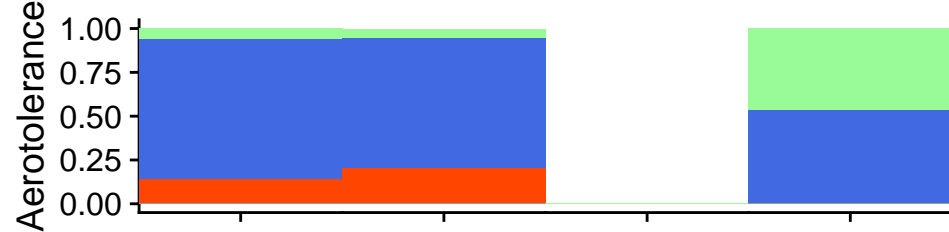
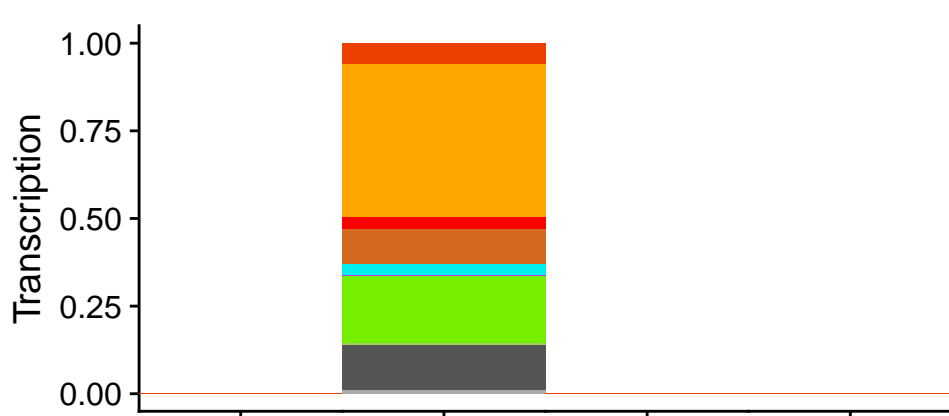
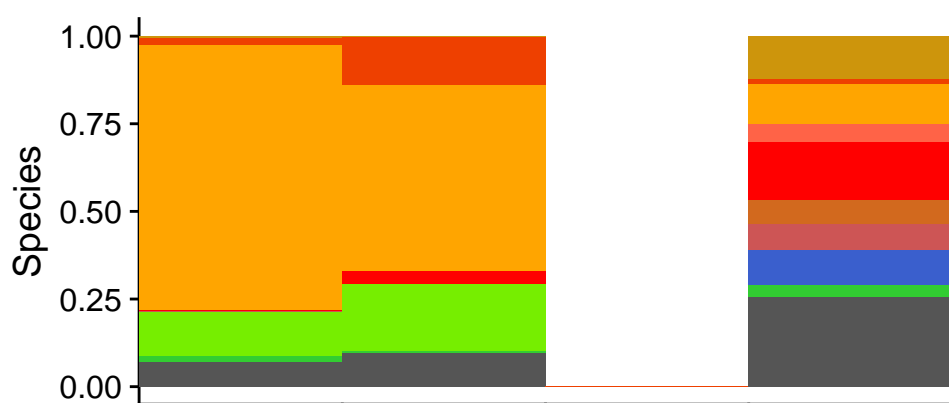
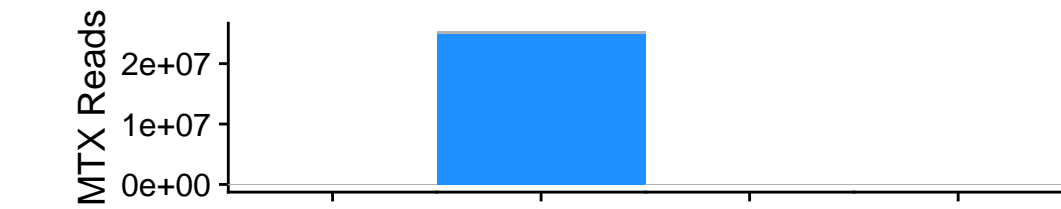
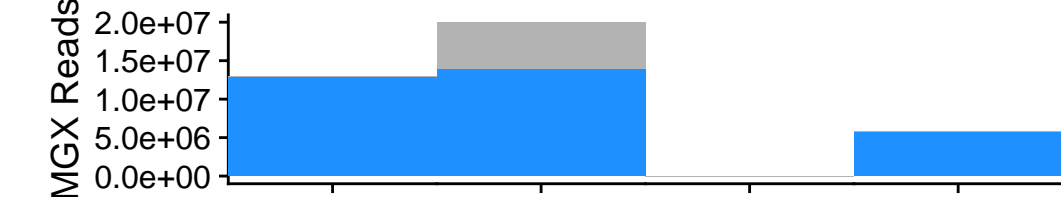
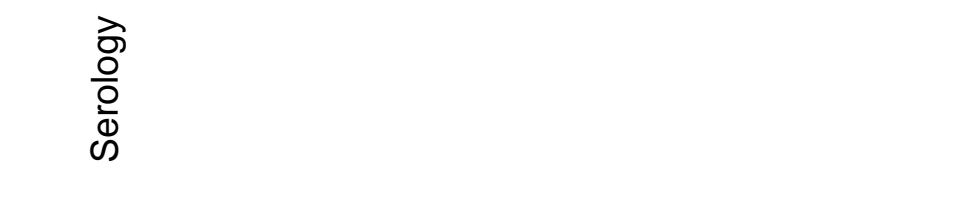
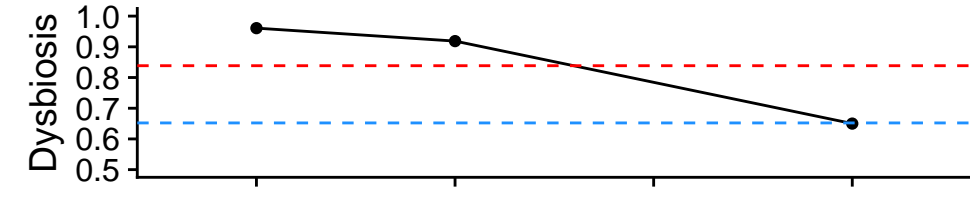
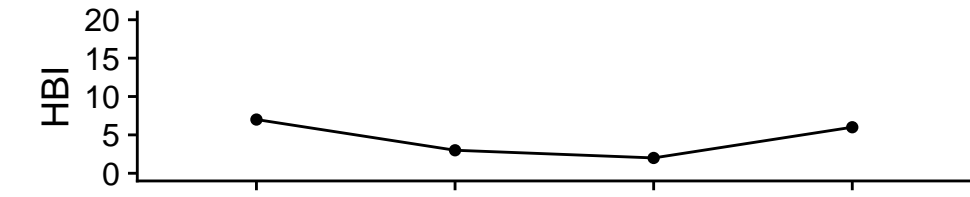
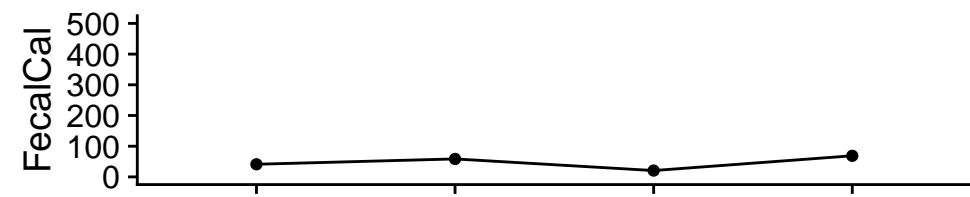
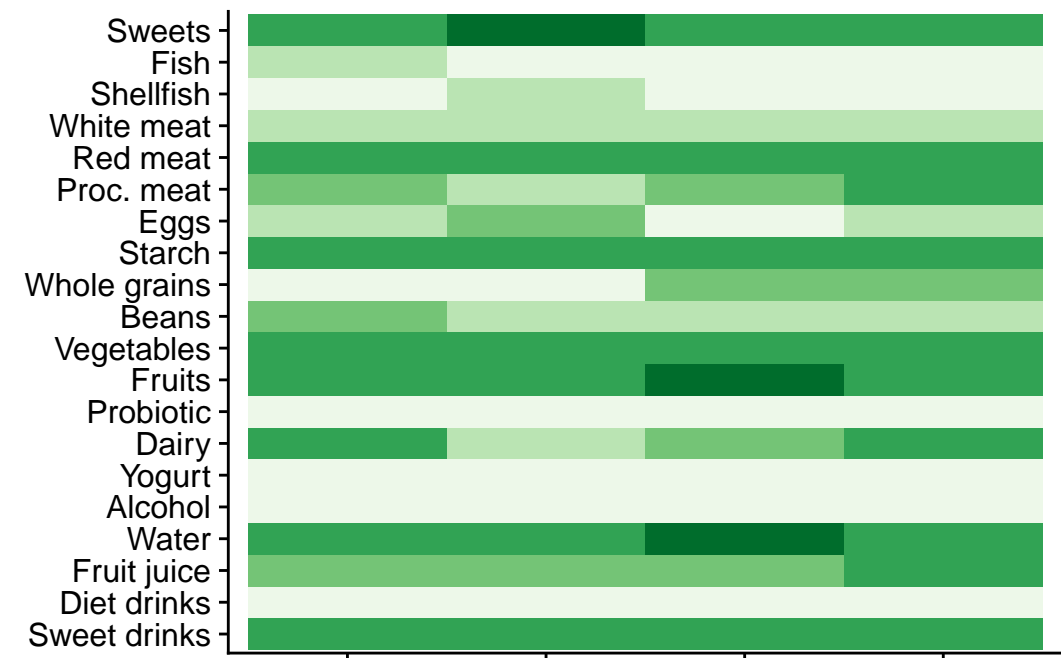
C3005: 76 Female White Cedars–Sinai | UC



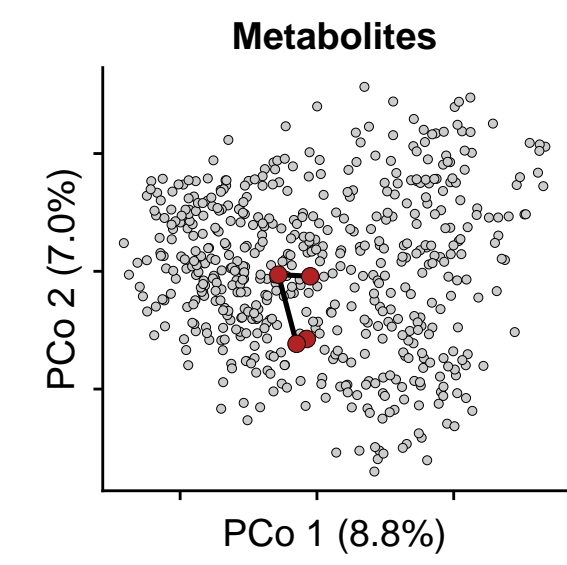
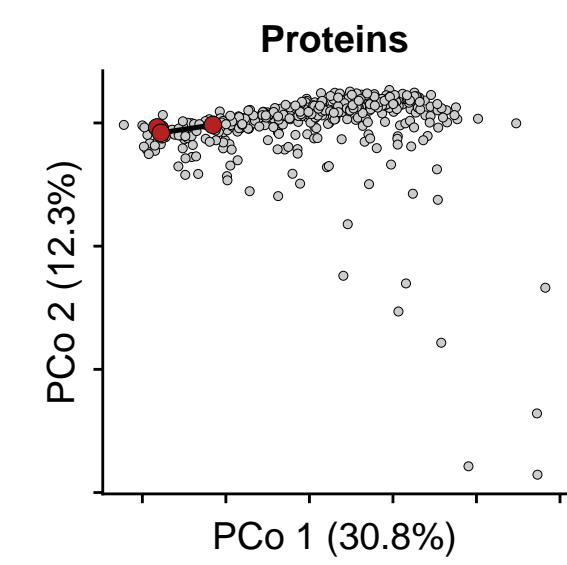
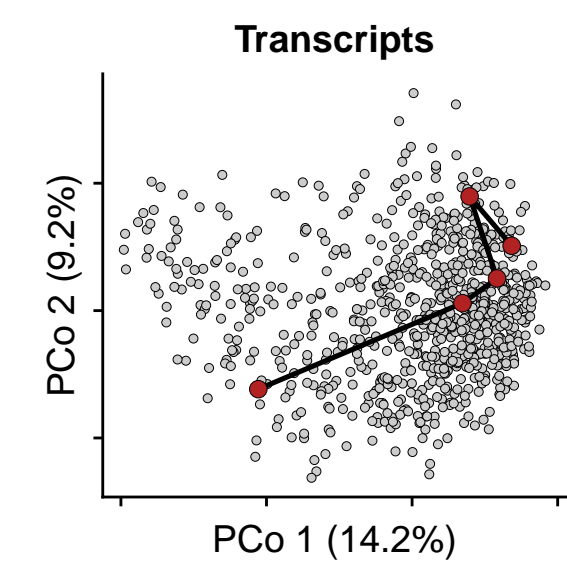
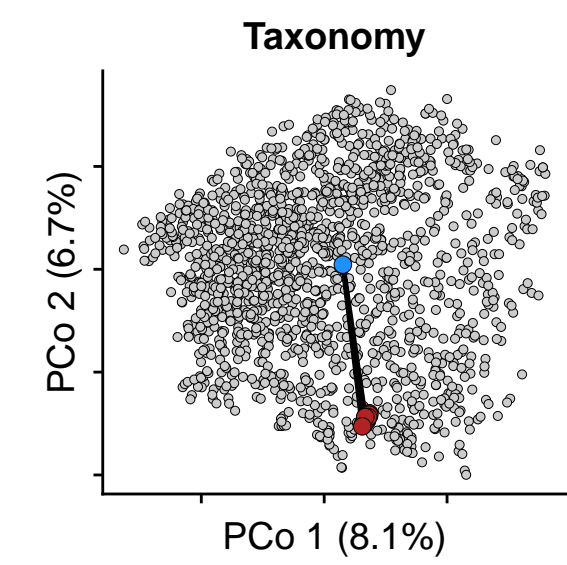
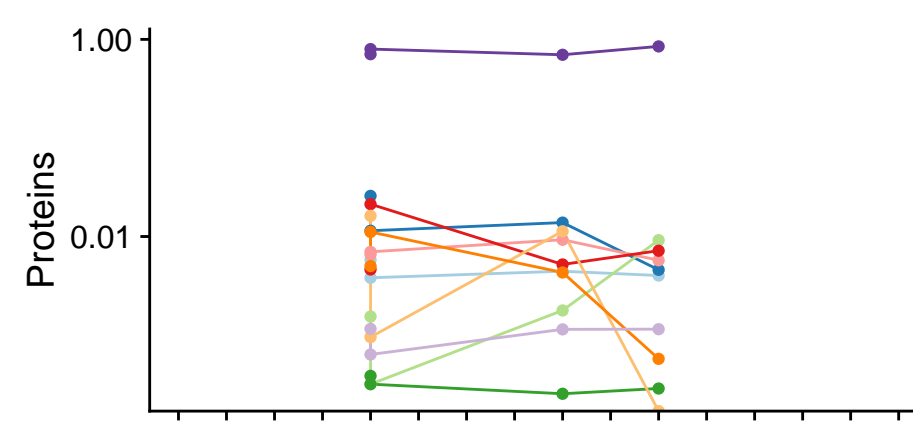
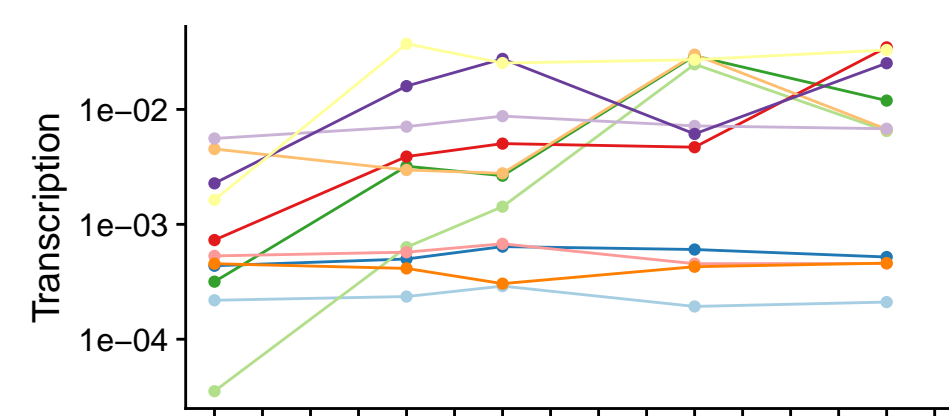
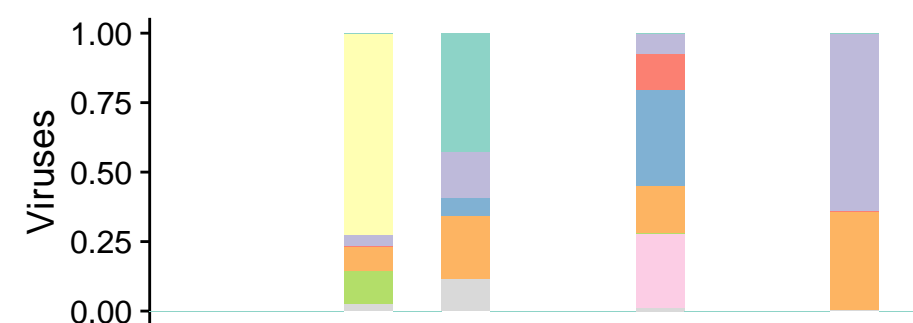
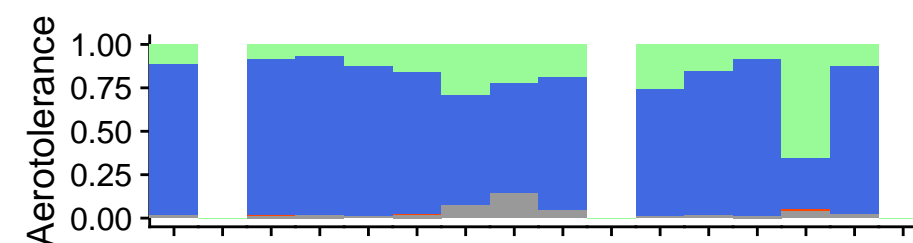
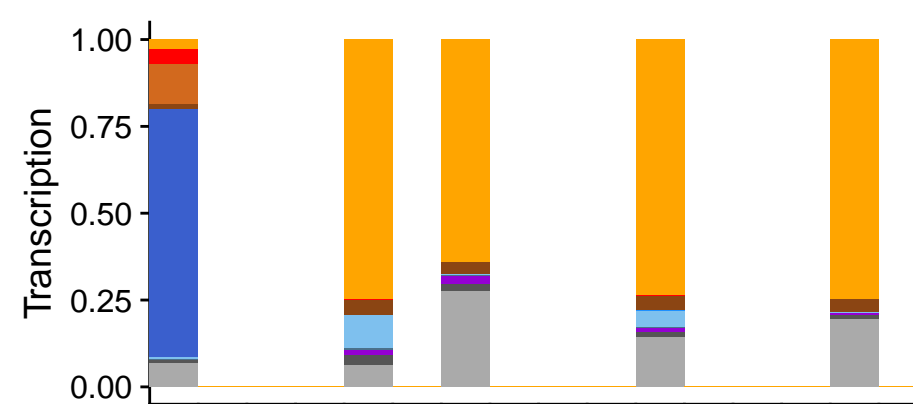
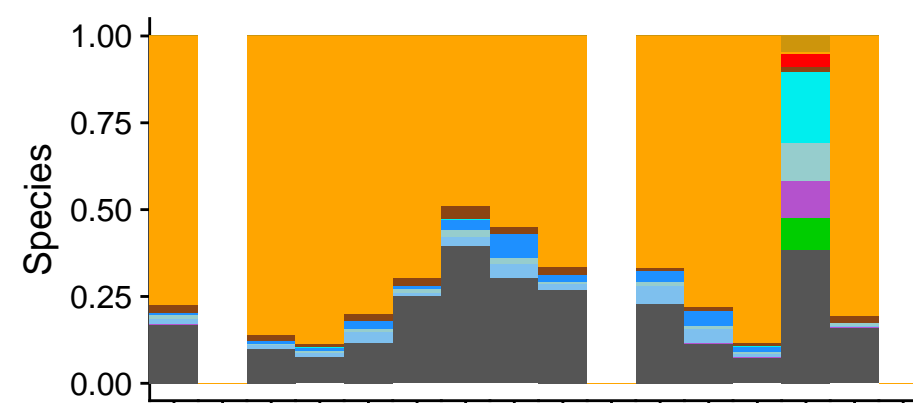
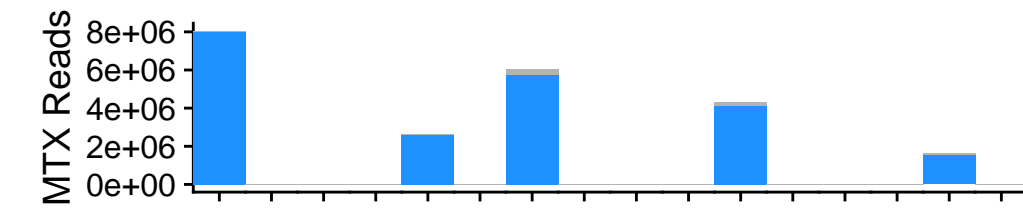
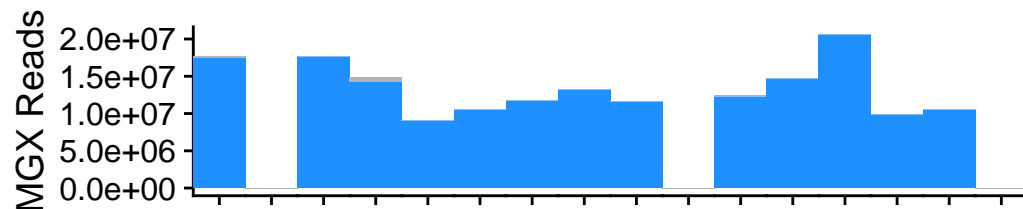
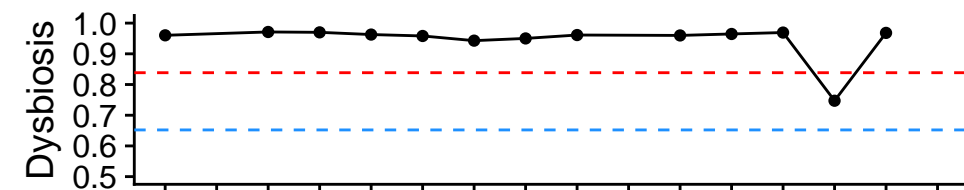
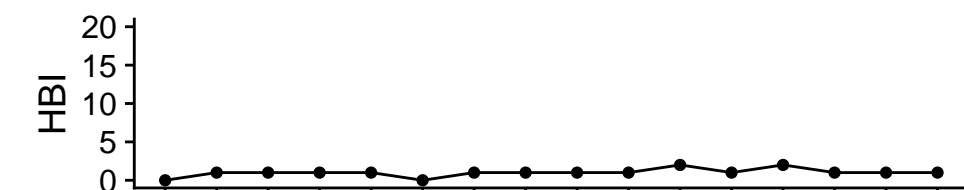
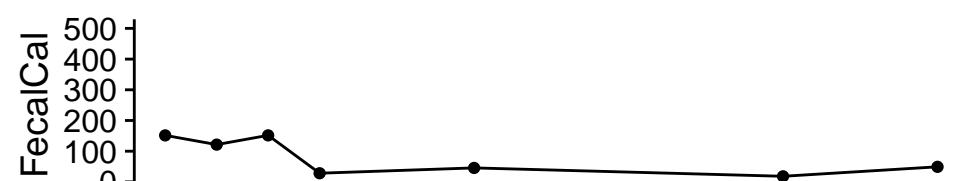
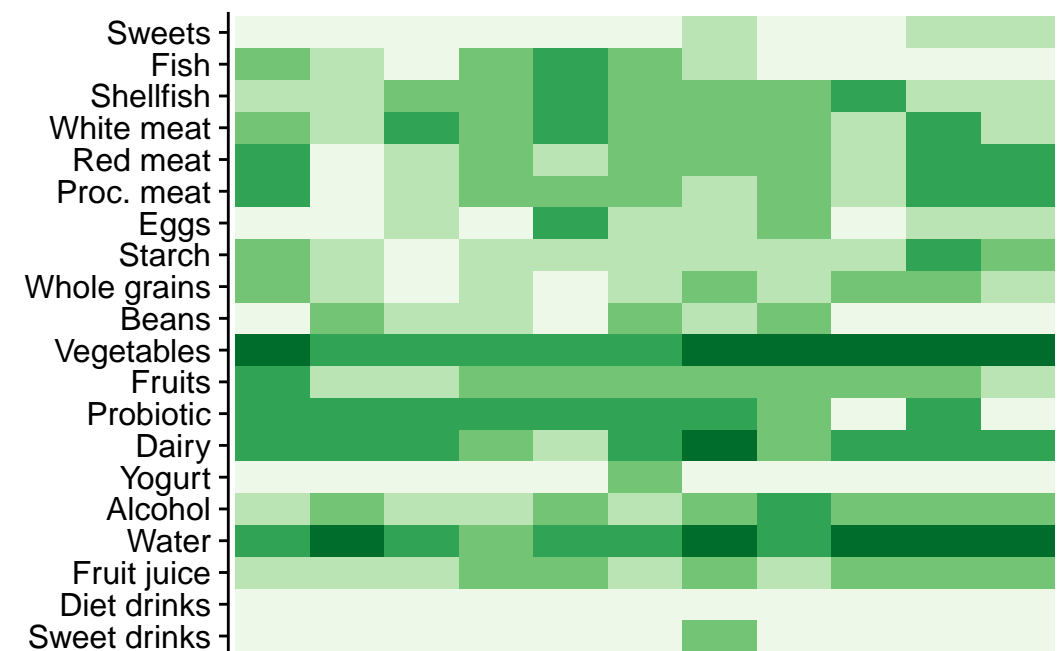
C3006: 32 Male White Cedars–Sinai | UC



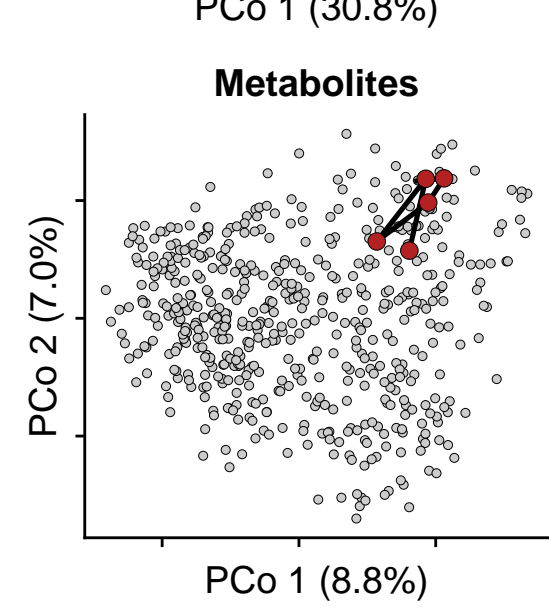
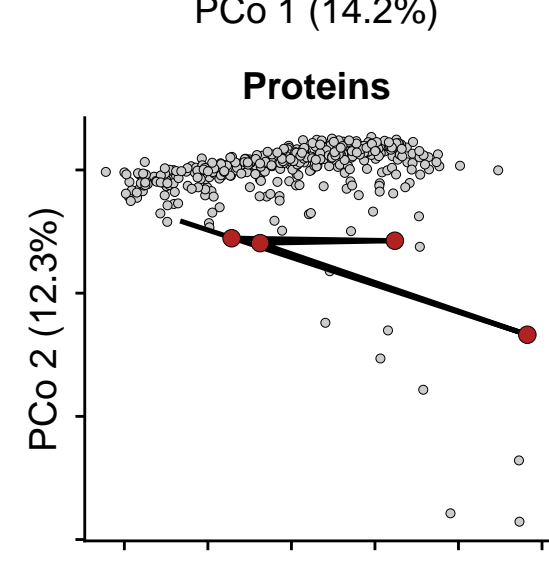
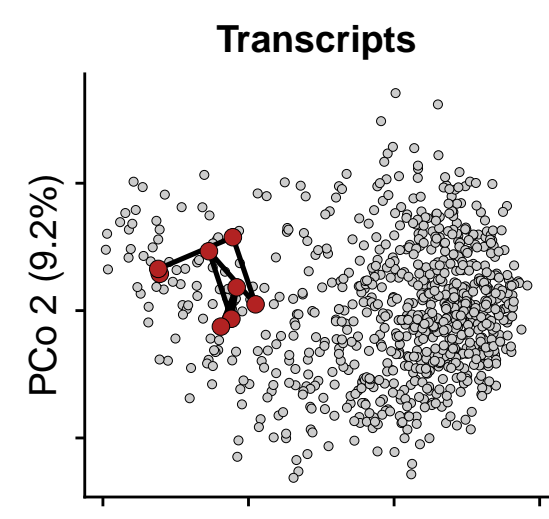
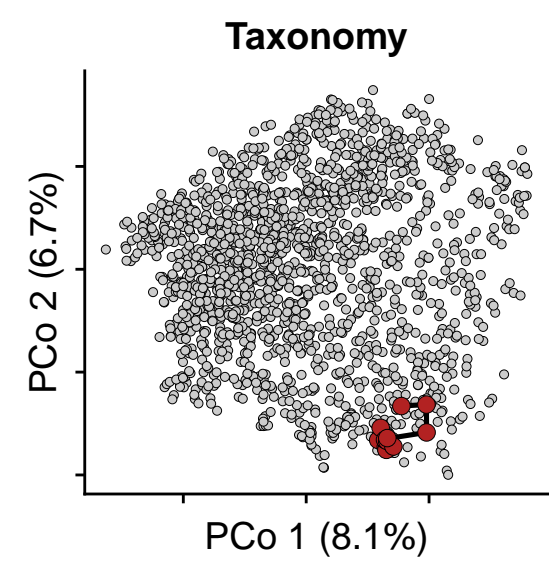
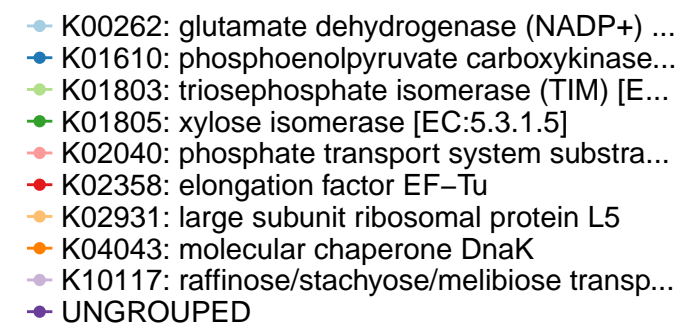
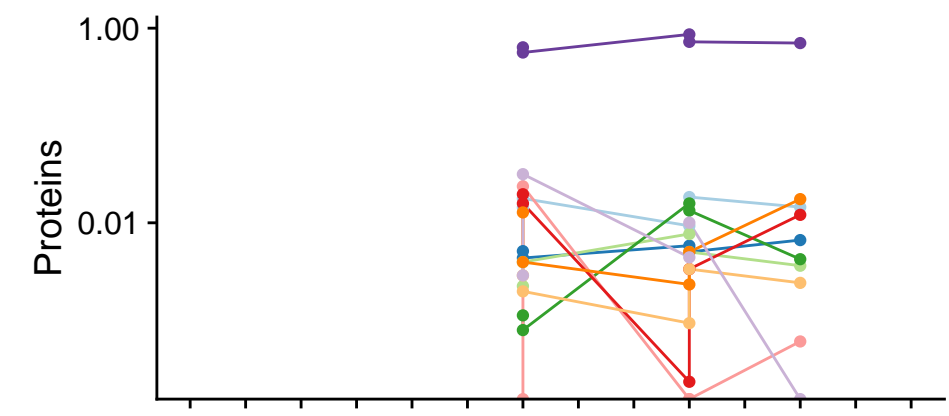
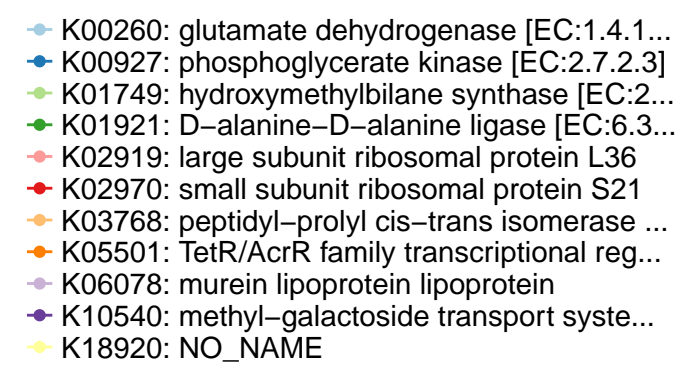
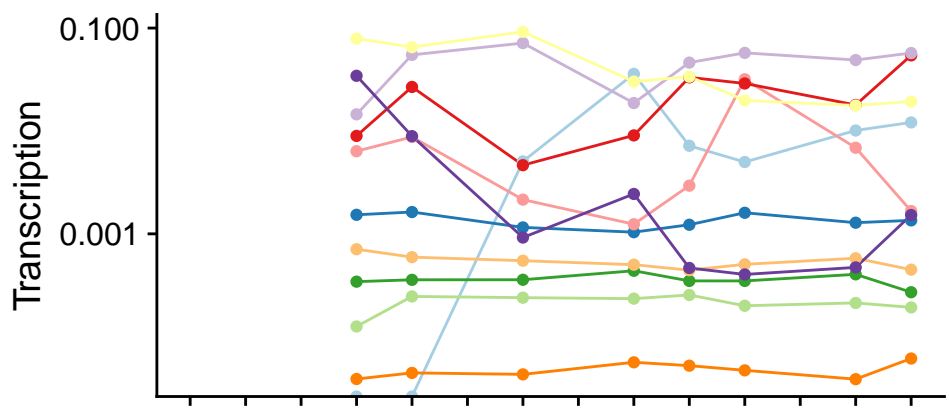
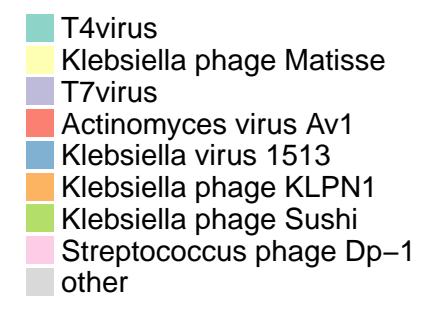
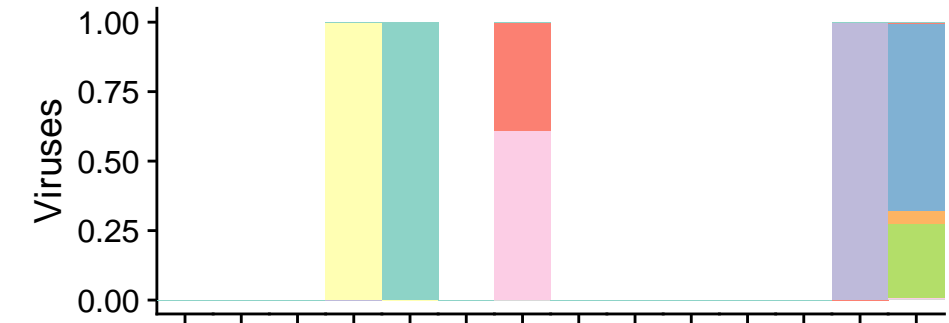
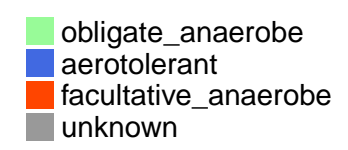
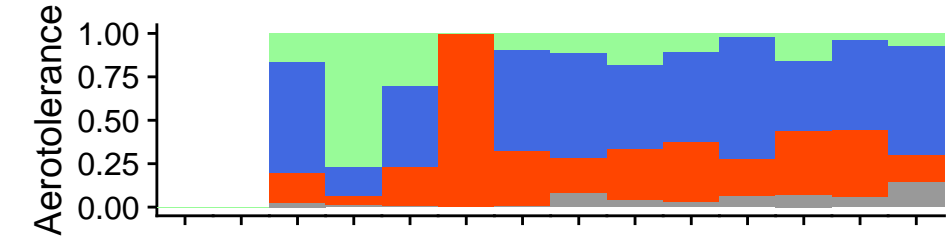
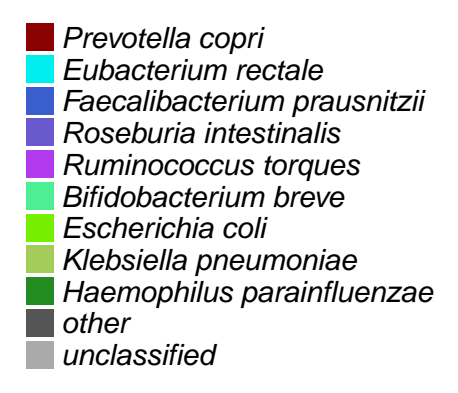
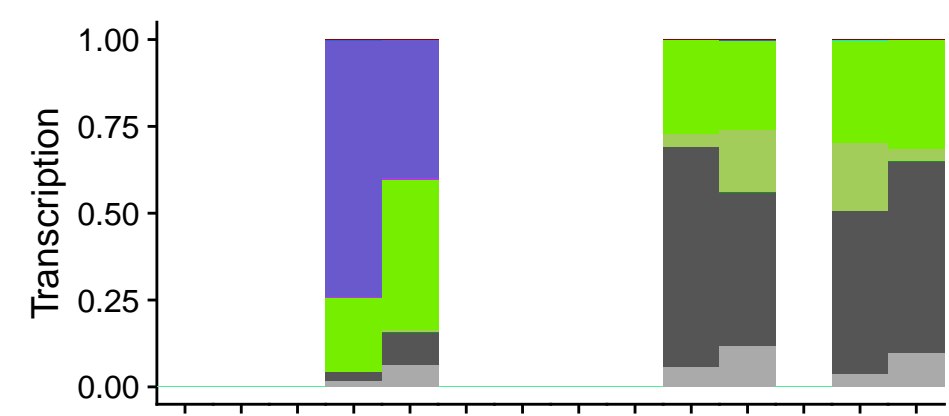
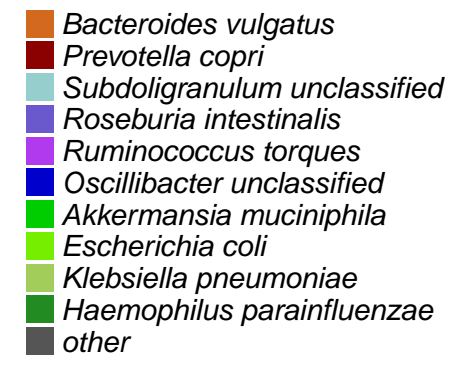
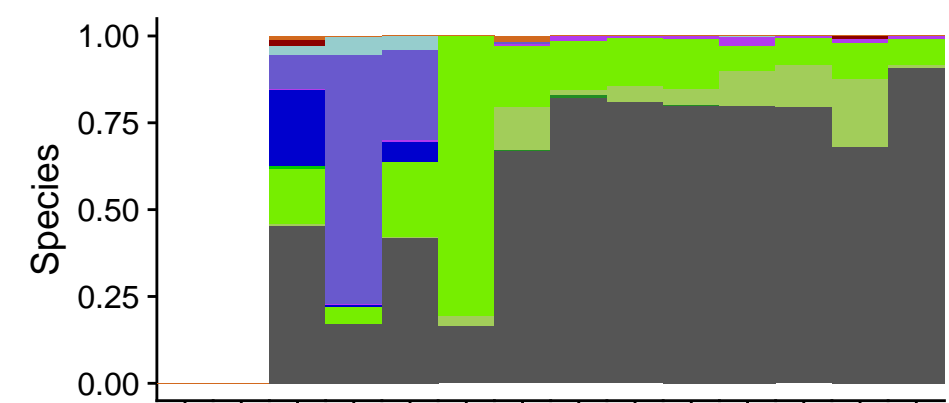
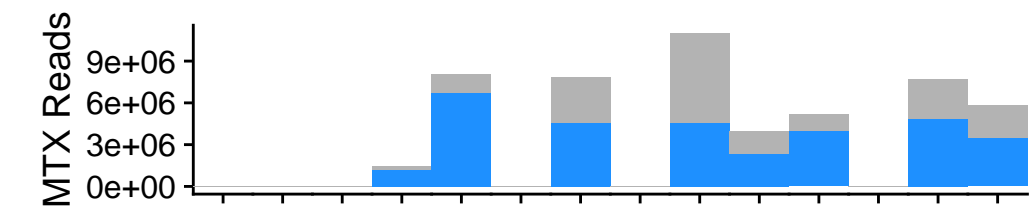
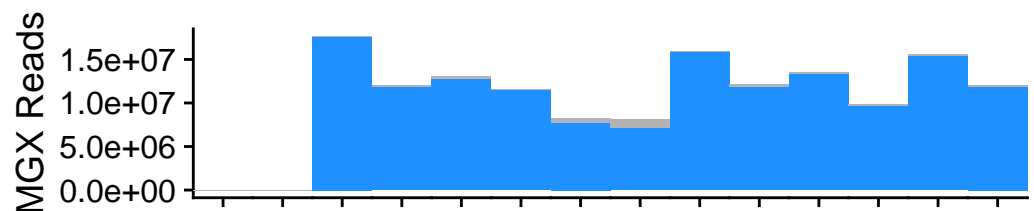
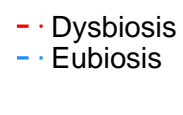
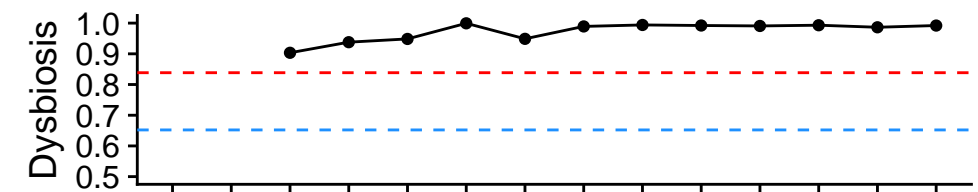
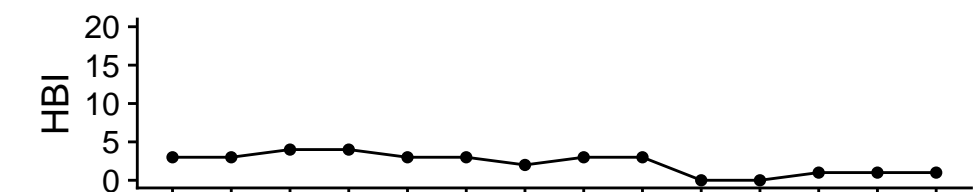
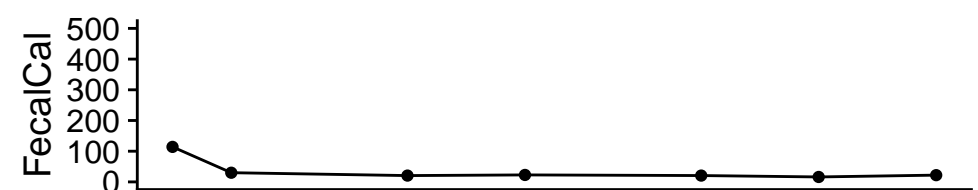
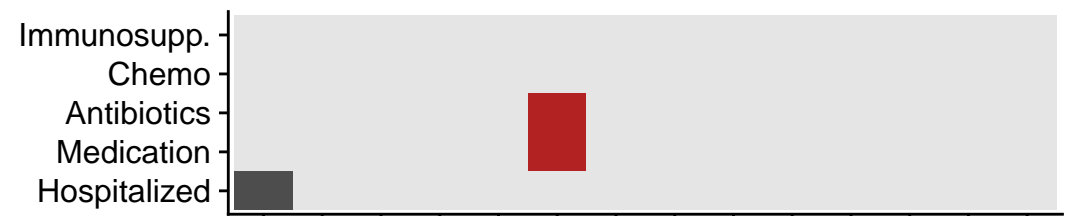
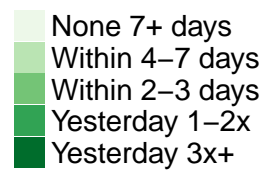
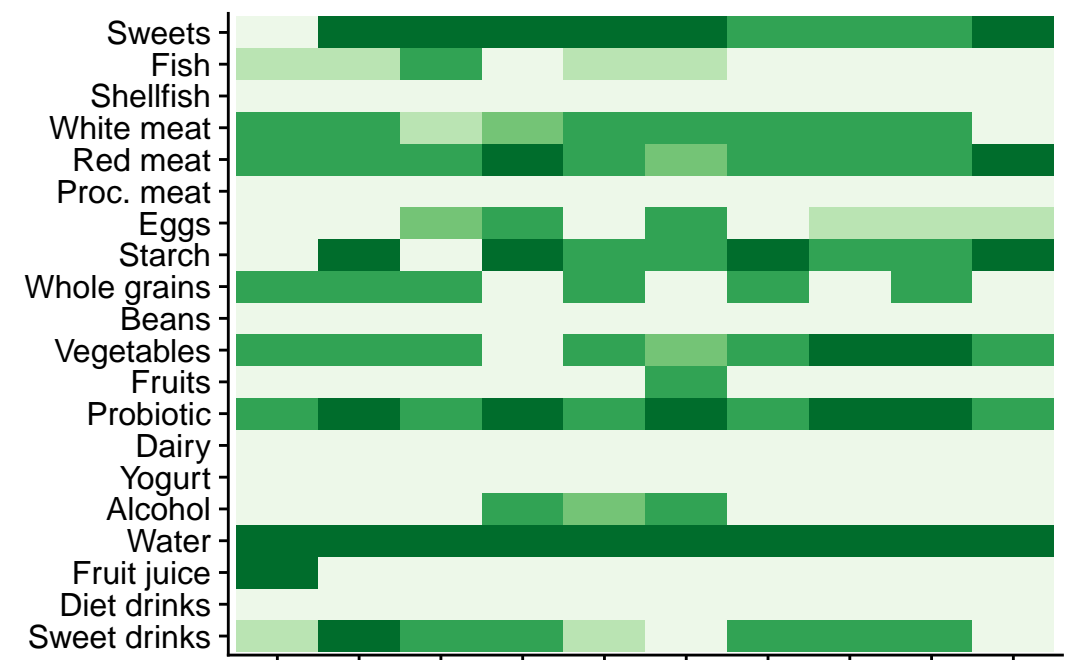
C3007: NA Female White Cedars–Sinai | CD



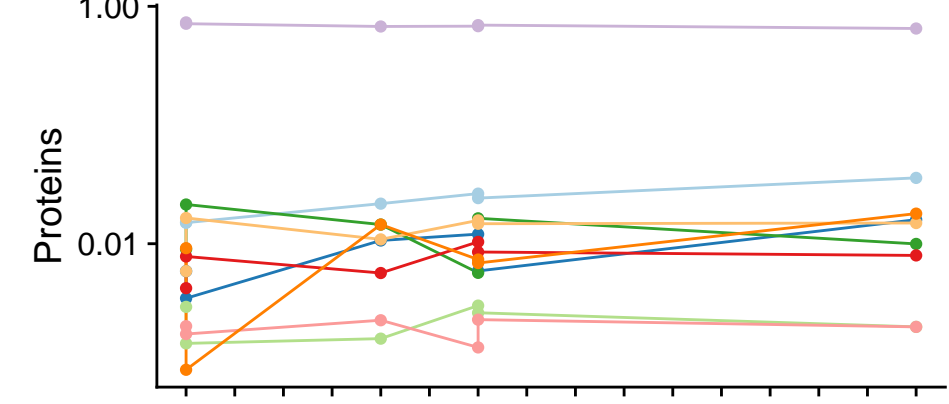
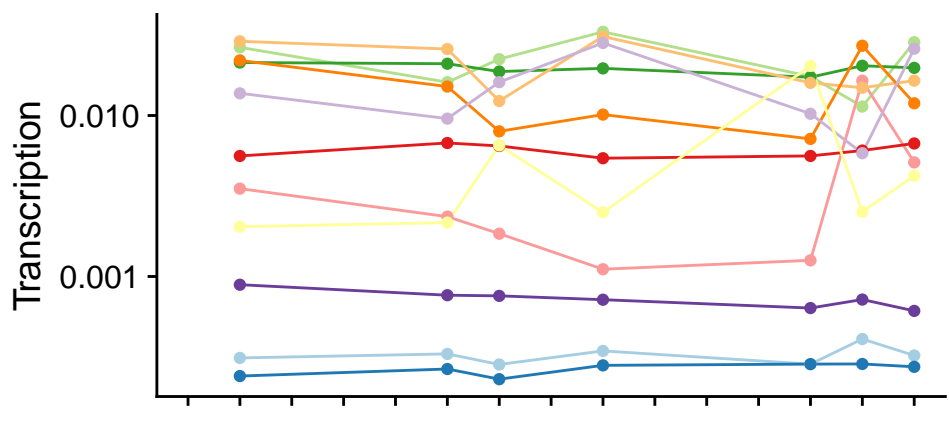
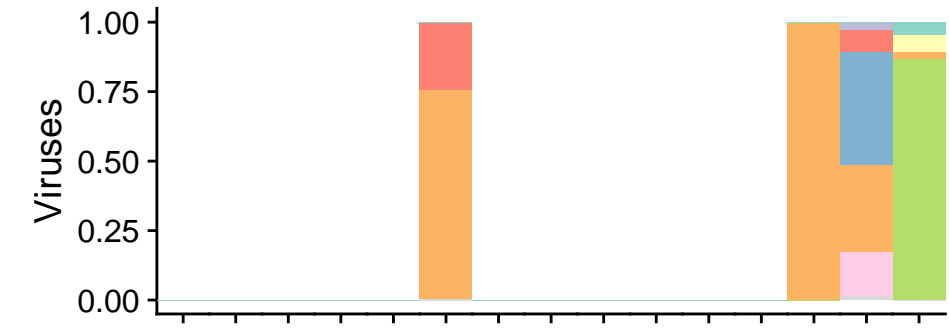
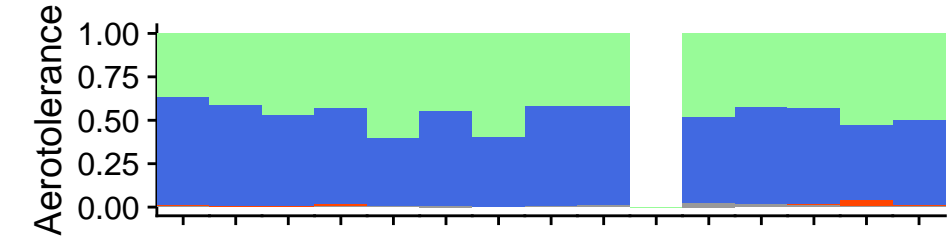
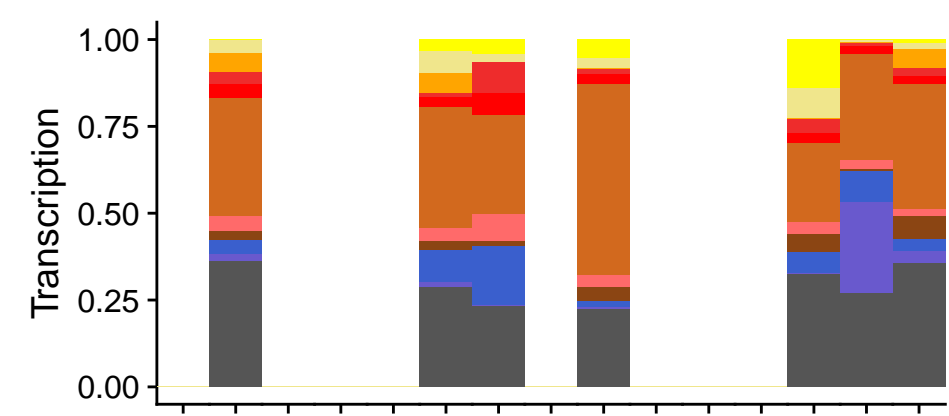
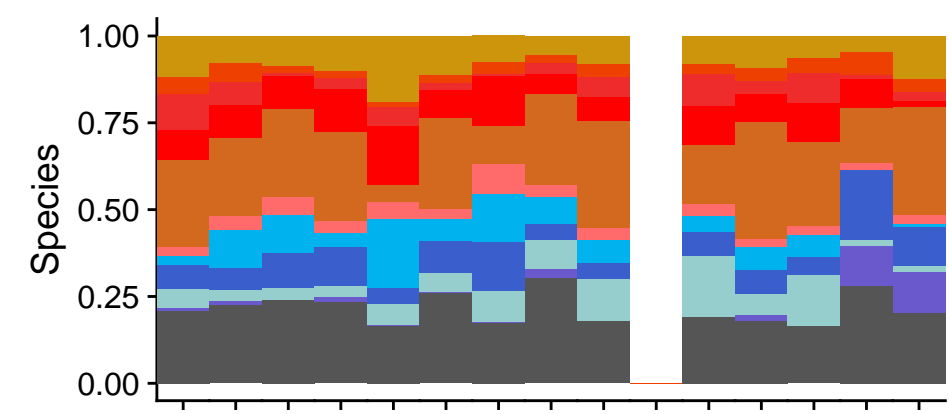
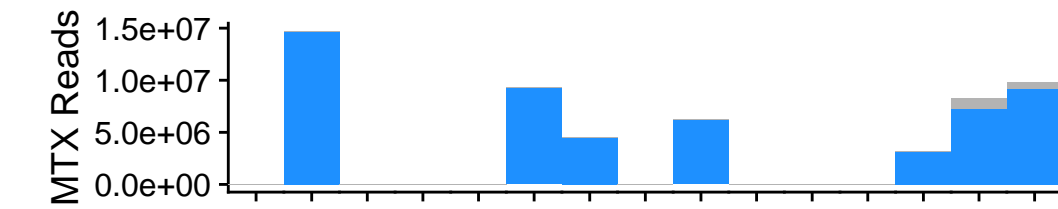
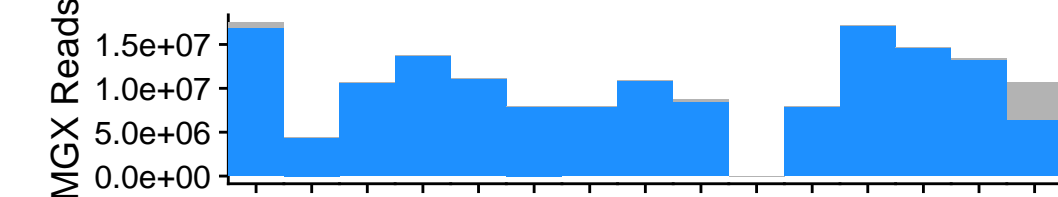
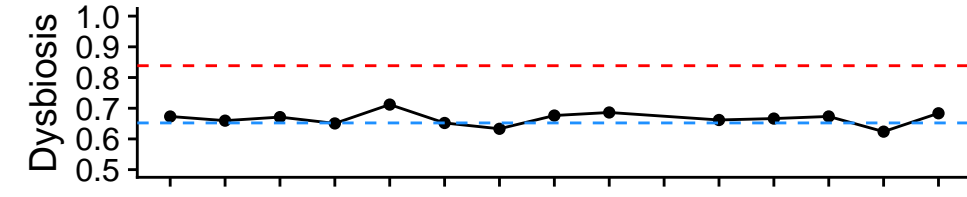
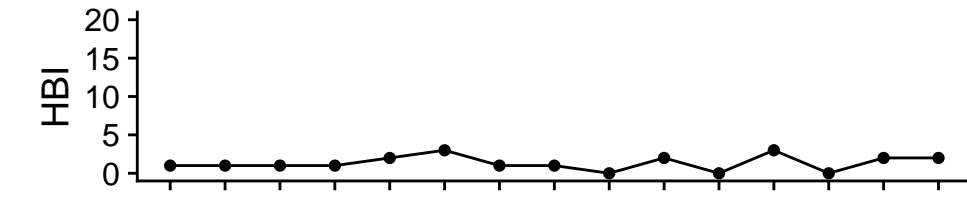
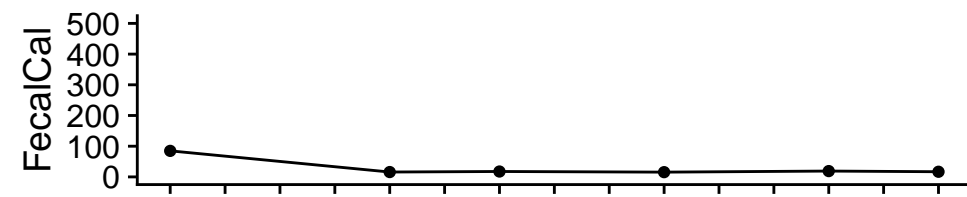
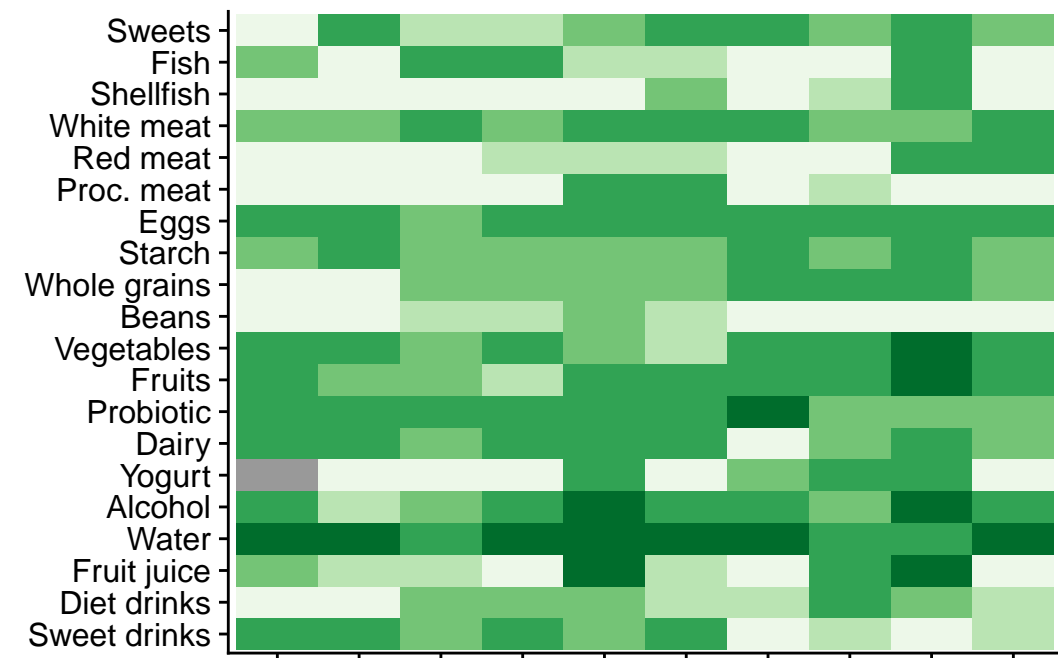
C3008: 53 Female White Cedars–Sinai | CD



C3009: 56 Male White Cedars–Sinai | CD L3



C3010: 51 Female White Cedars–Sinai | CD L3



- Alistipes putredinis*
- Bacteroides caccae*
- Bacteroides thetaiotaomicron*
- Bacteroides uniformis*
- Bacteroides vulgatus*
- Parabacteroides distasonis*
- Eubacterium siraeum*
- Faecalibacterium prausnitzii*
- Subdoligranulum unclassified*
- Roseburia intestinalis*
- other

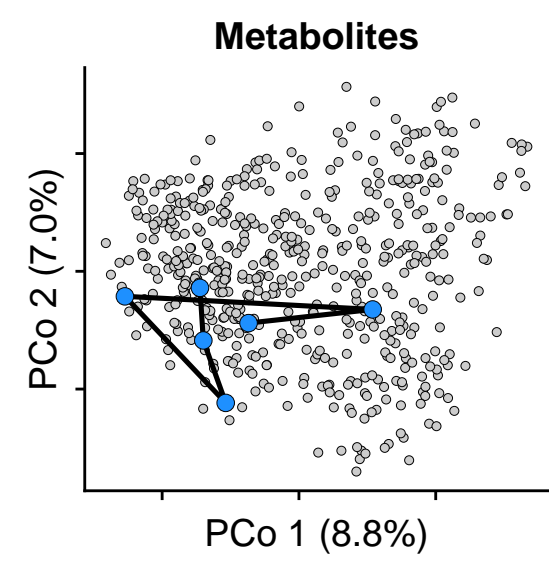
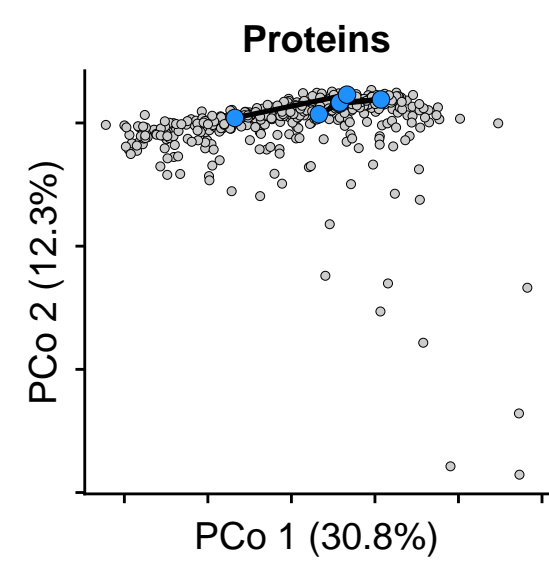
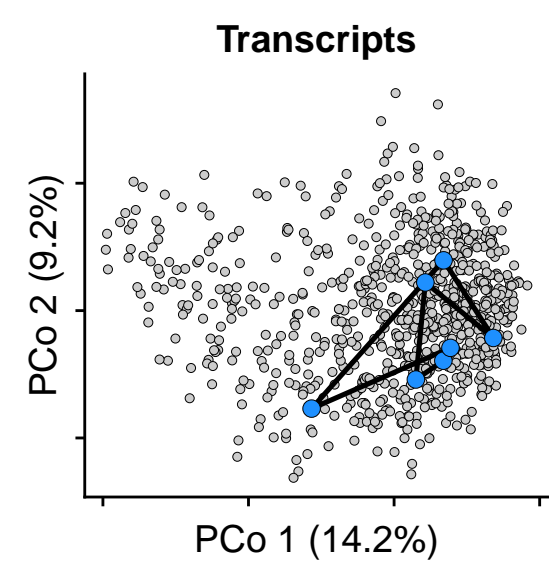
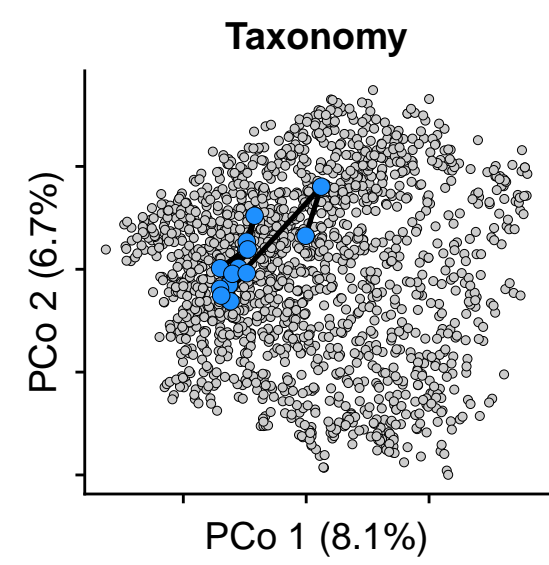
- Alistipes shahii*
- Alistipes finegoldii*
- Bacteroides dorei*
- Bacteroides thetaiotaomicron*
- Bacteroides uniformis*
- Bacteroides vulgatus*
- Parabacteroides distasonis*
- Odoribacter splanchnicus*
- Faecalibacterium prausnitzii*
- Roseburia intestinalis*
- other

- obligate_anaerobe
- aerotolerant
- facultative_anaerobe
- unknown

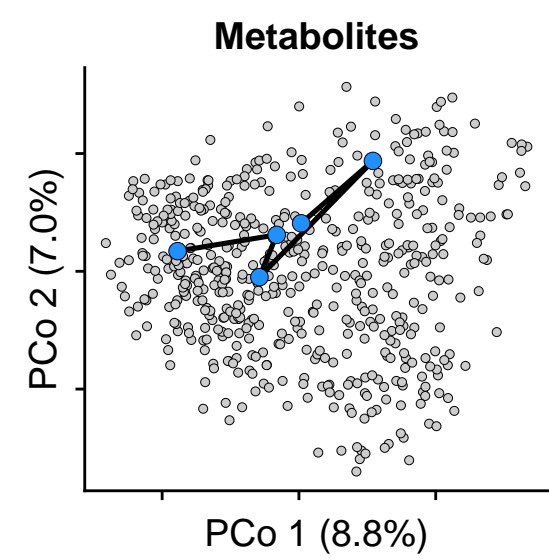
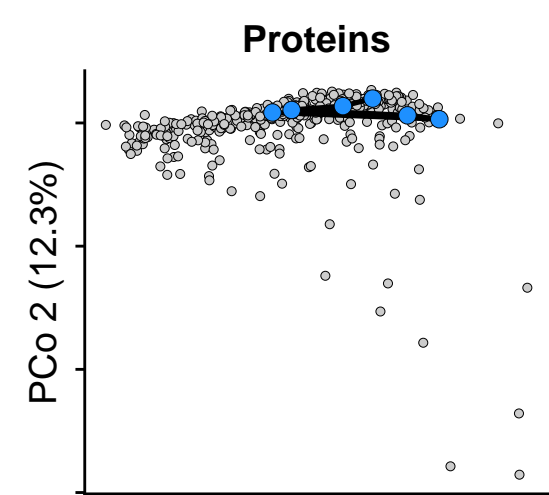
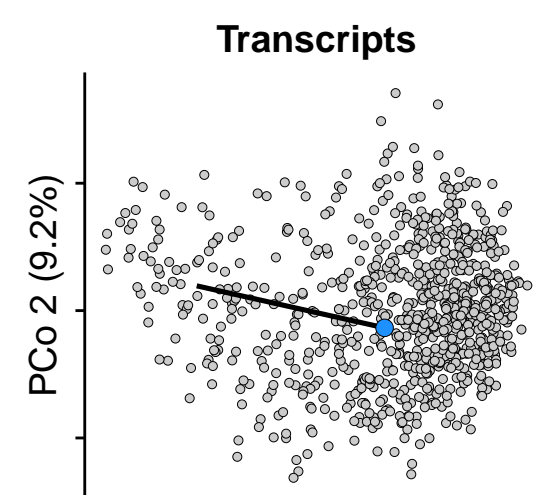
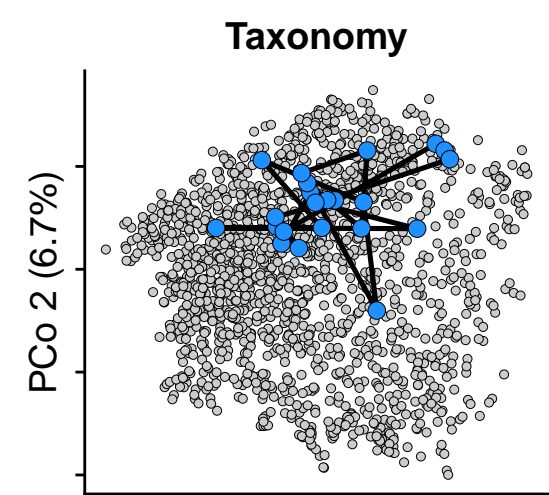
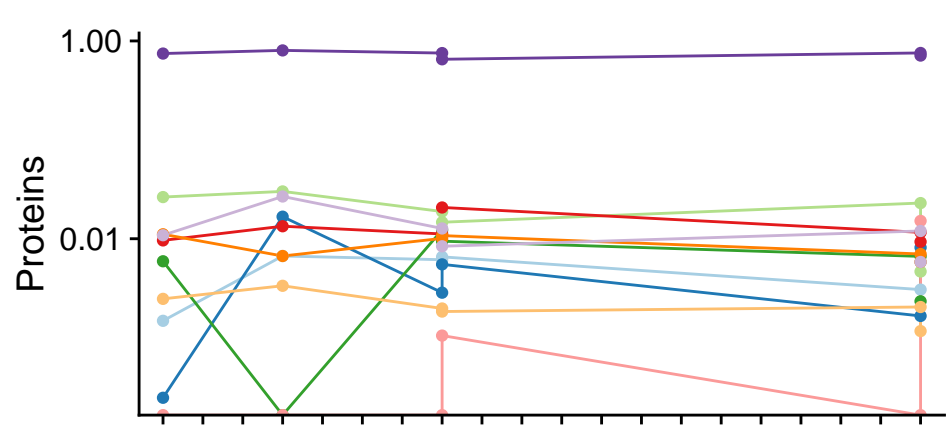
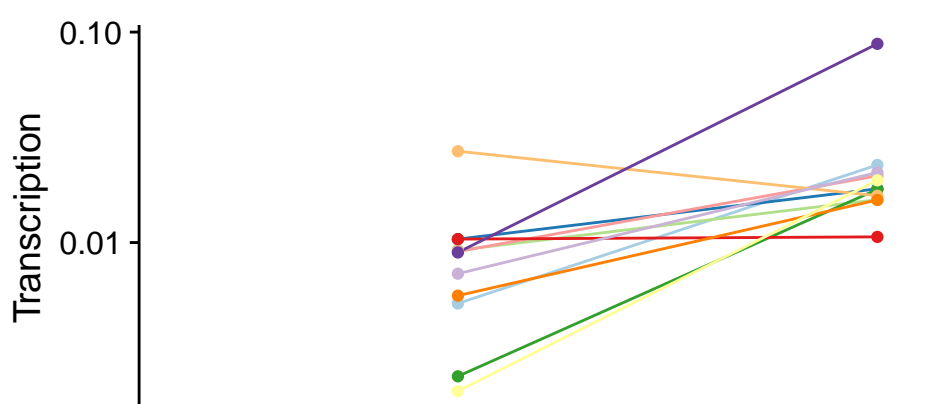
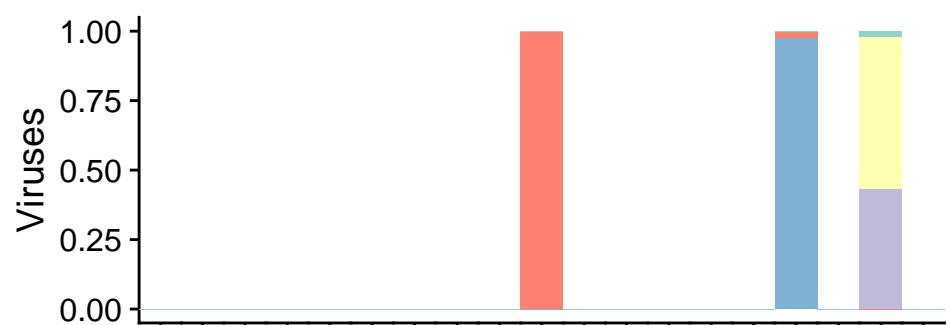
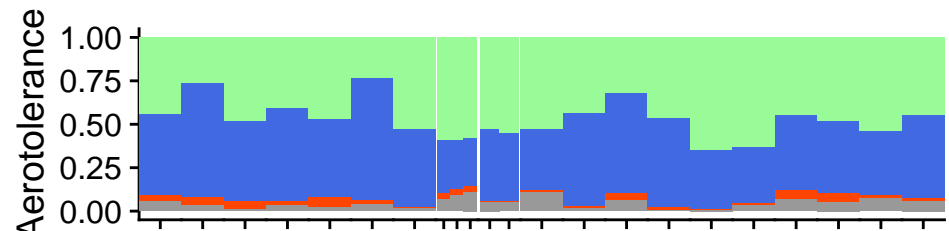
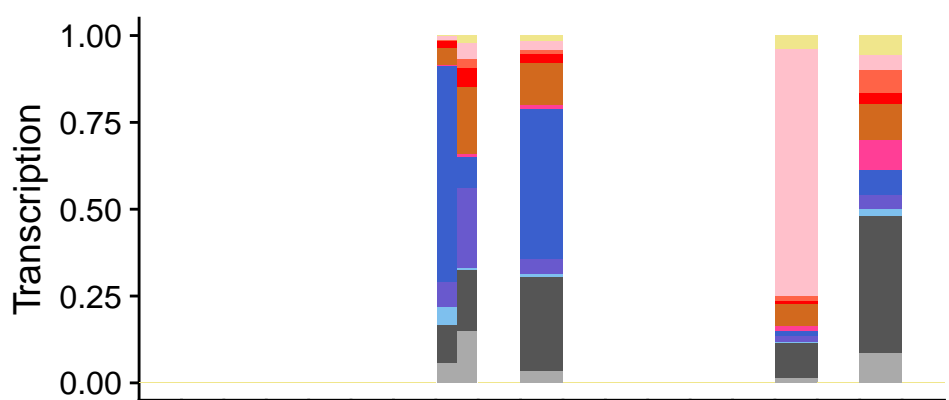
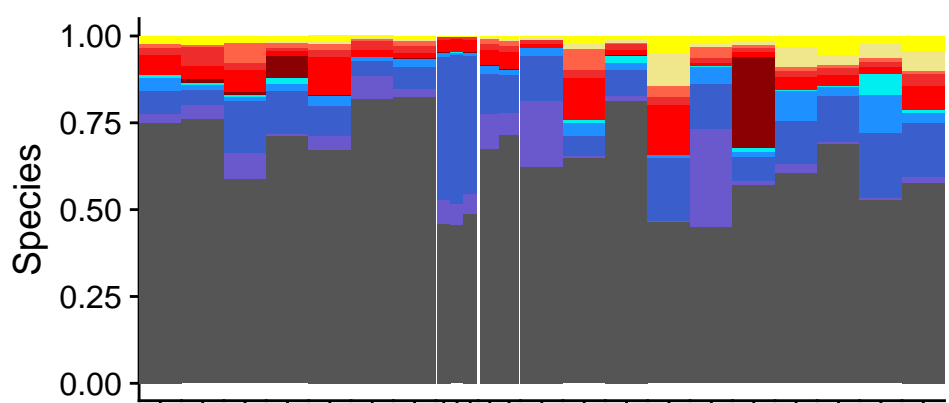
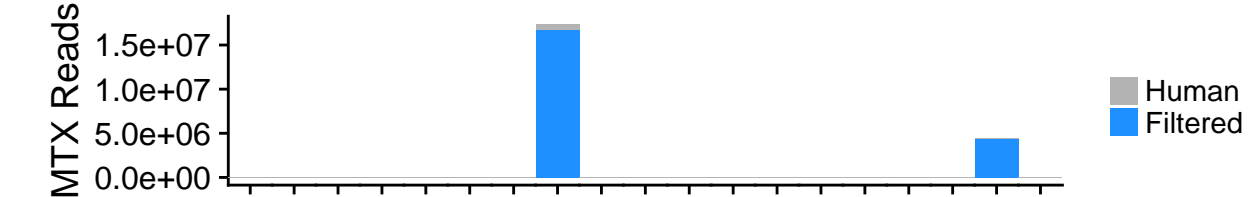
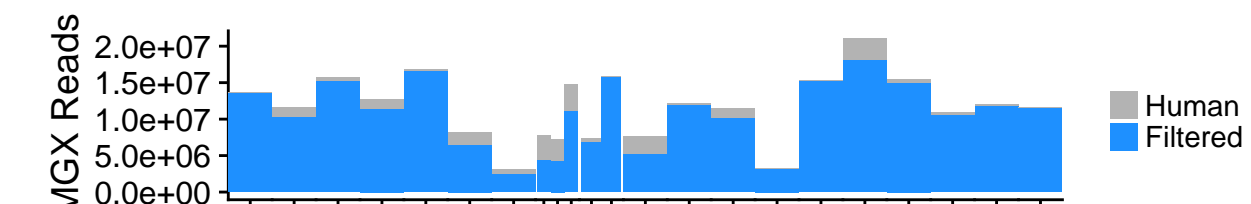
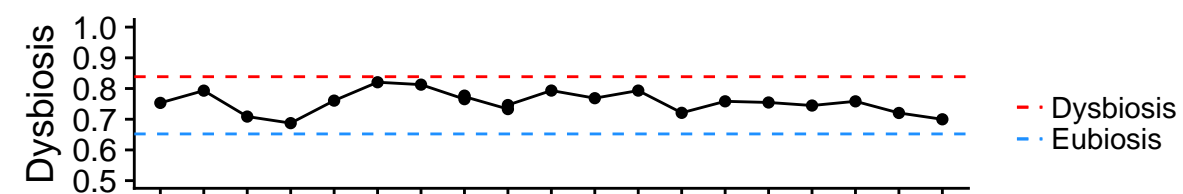
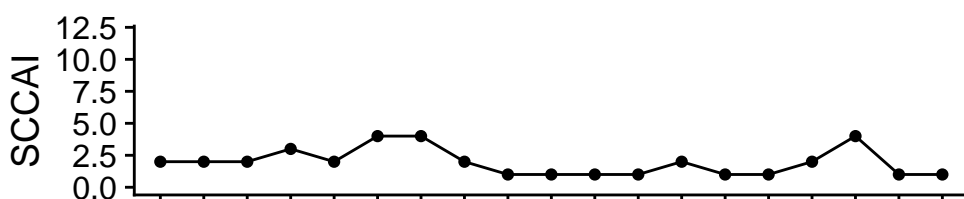
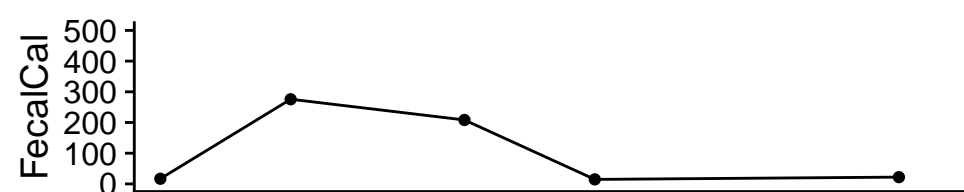
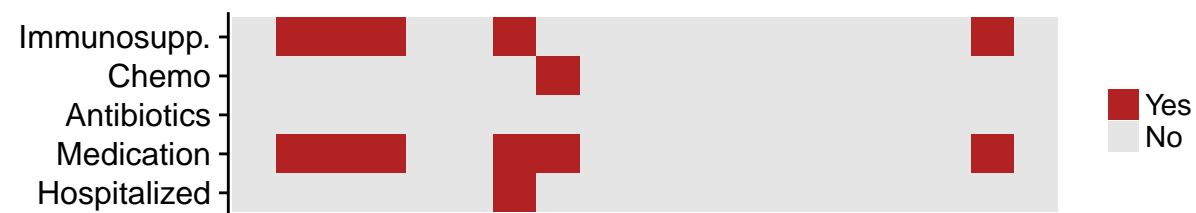
- Pseudomonas phage Phi-S1*
- Pseudomonas phage PPpW-4*
- Leuconostoc phage phiLNTR3*
- unclassified Siphoviridae
- Apis mellifera filamentous virus*
- Gokushovirus WZ-2015a*
- Blueberry shock virus*
- Pepper mild mottle virus*
- other

- K00950: 2-amino-4-hydroxy-6-hydroxymet...
- K01945: phosphoribosylamine--glycine ligas...
- K02078: acyl carrier protein
- K02358: elongation factor EF-Tu
- K02406: flagellin
- K02961: small subunit ribosomal protein S17
- K02968: small subunit ribosomal protein S20
- K02970: small subunit ribosomal protein S21
- K03530: DNA-binding protein HU-beta
- K03979: GTP-binding protein
- K19157: NO_NAME

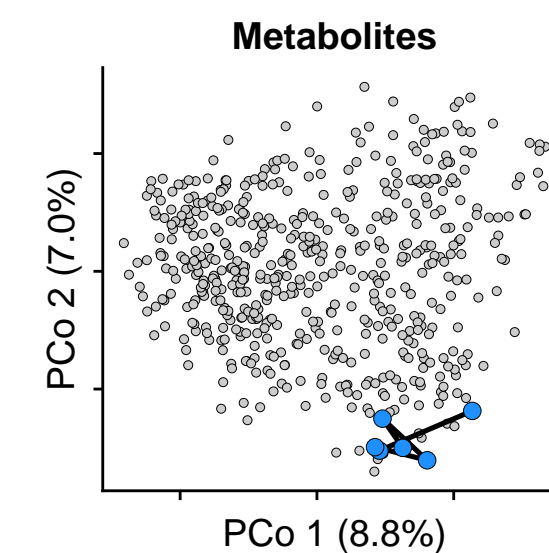
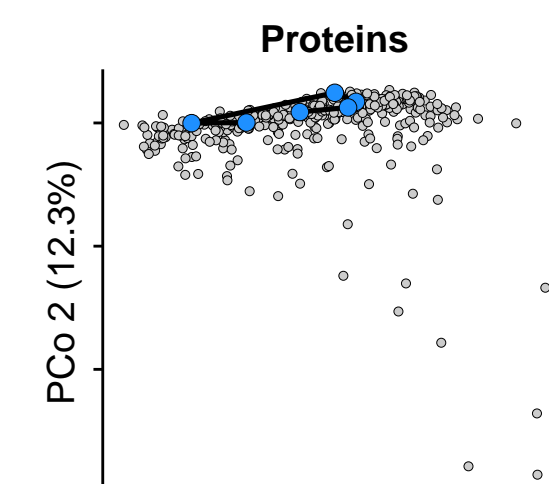
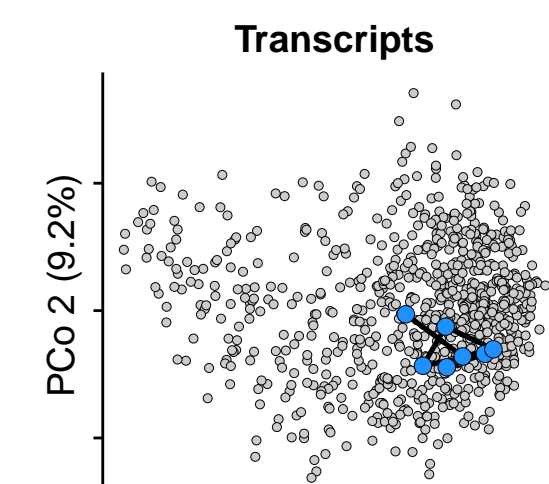
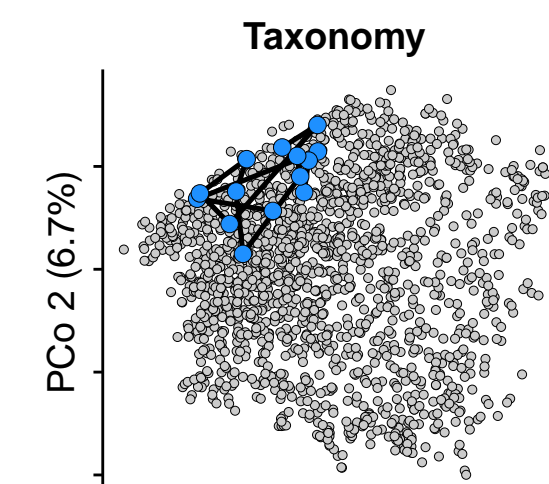
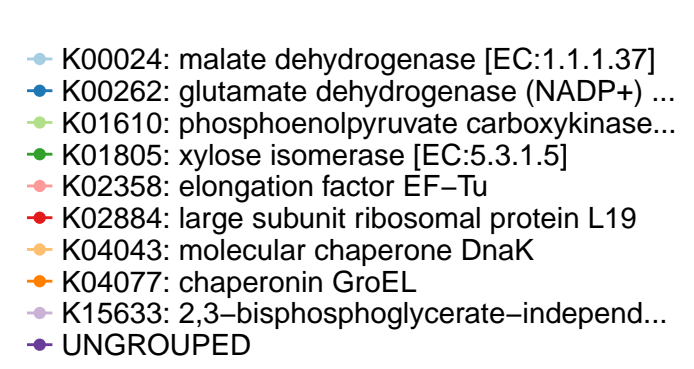
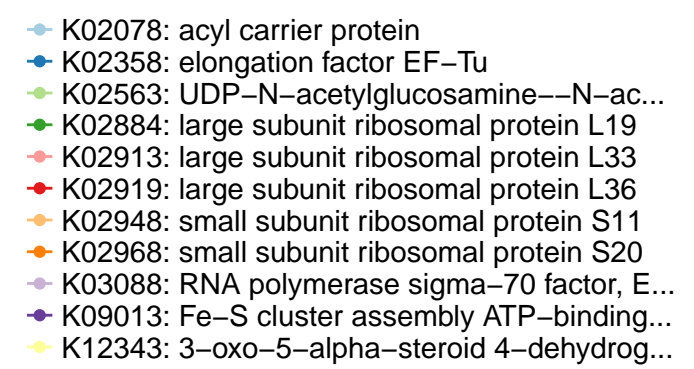
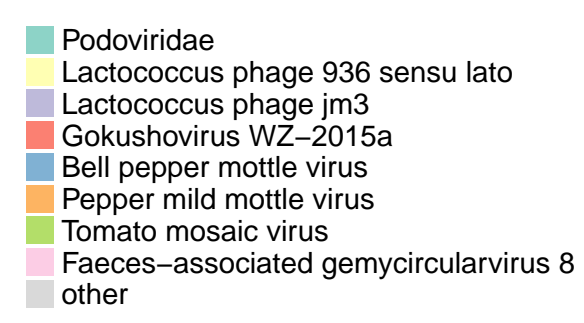
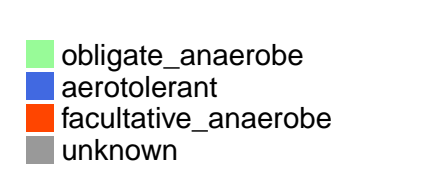
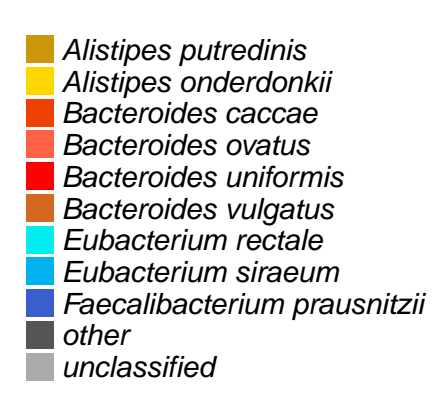
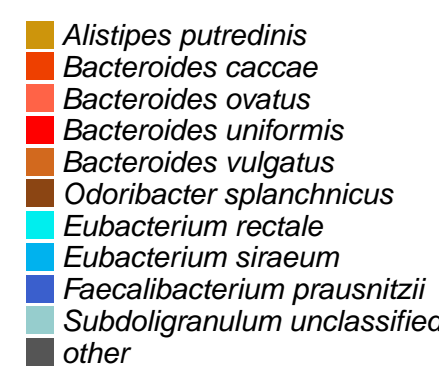
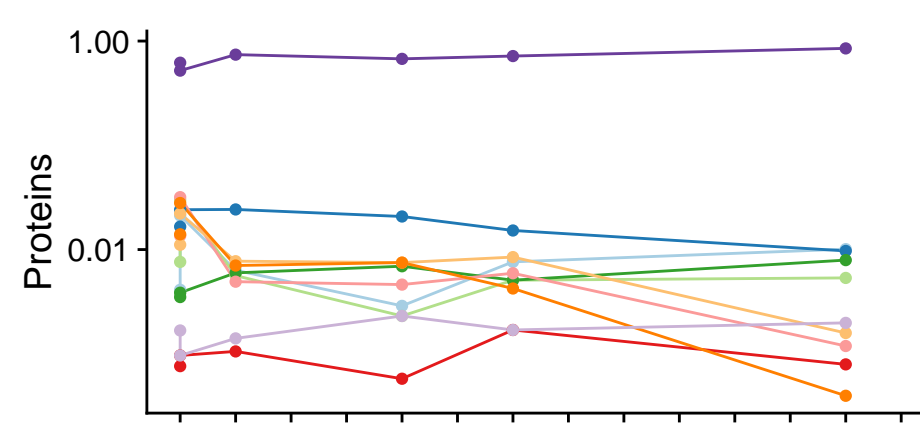
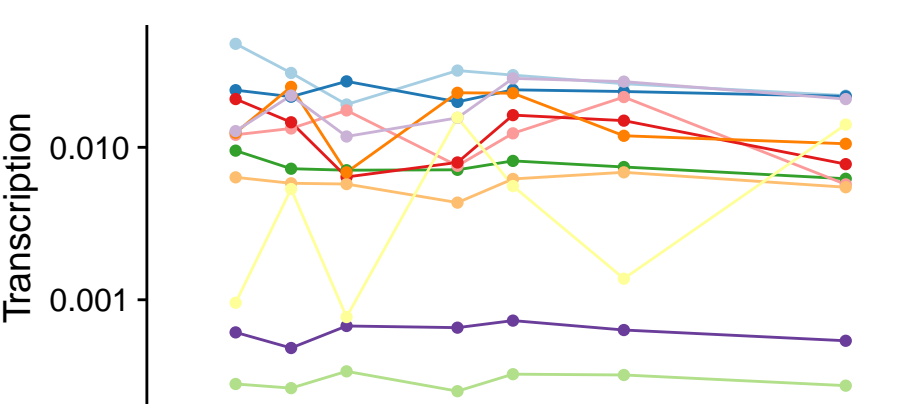
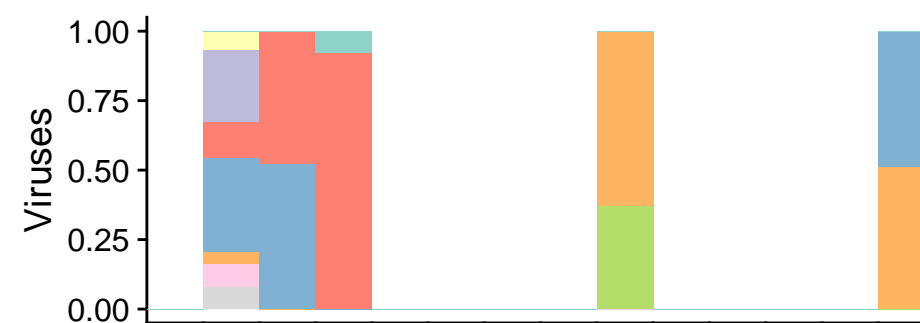
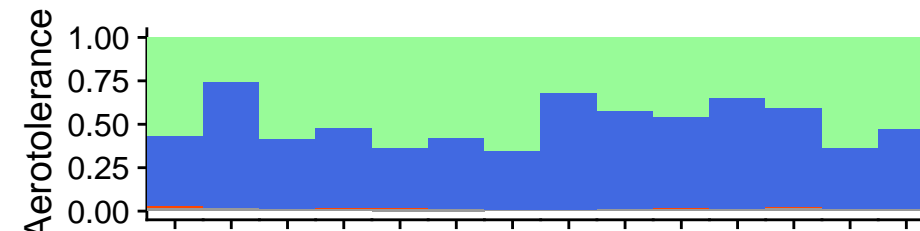
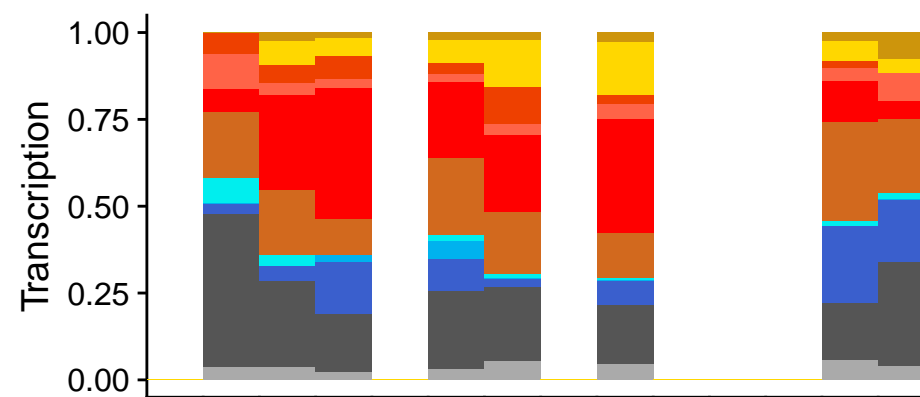
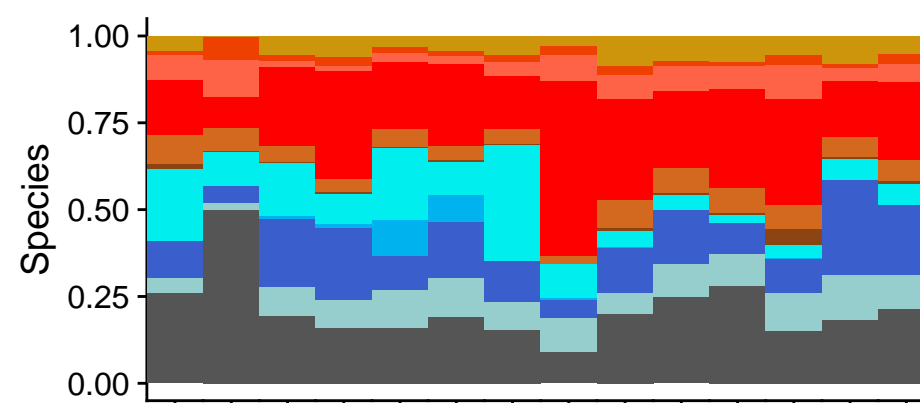
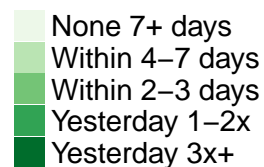
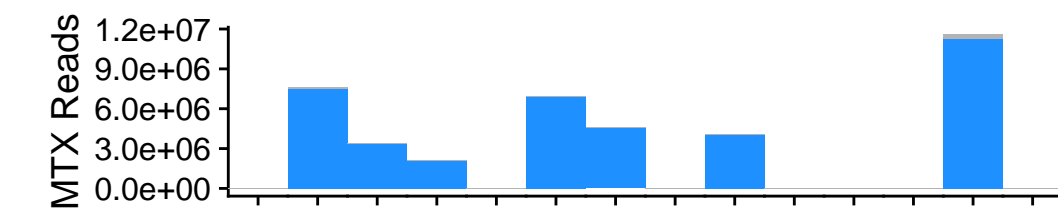
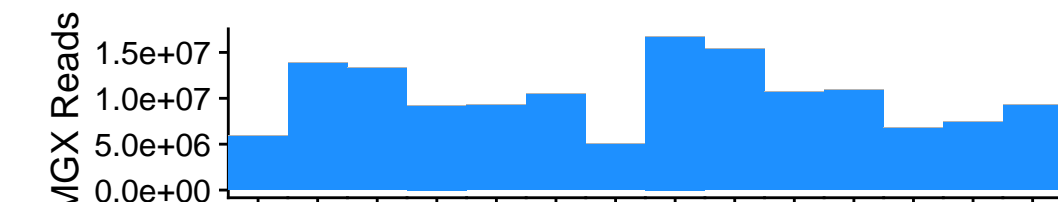
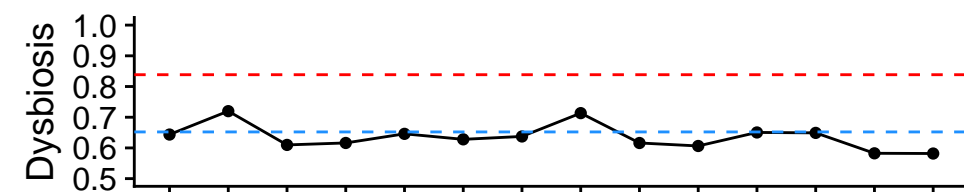
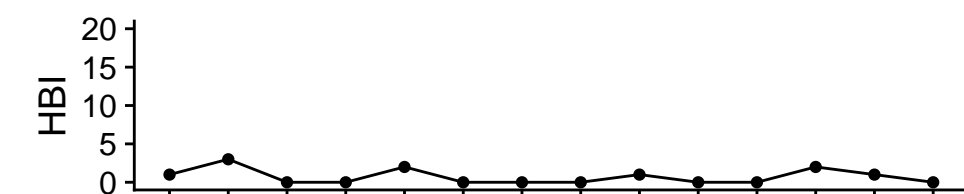
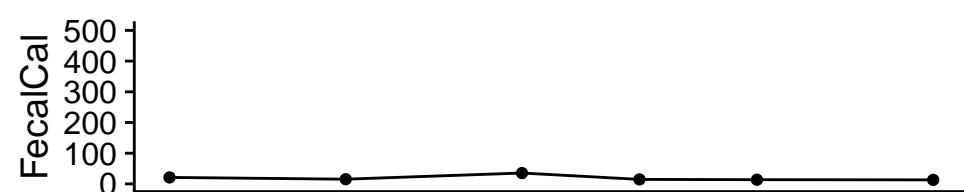
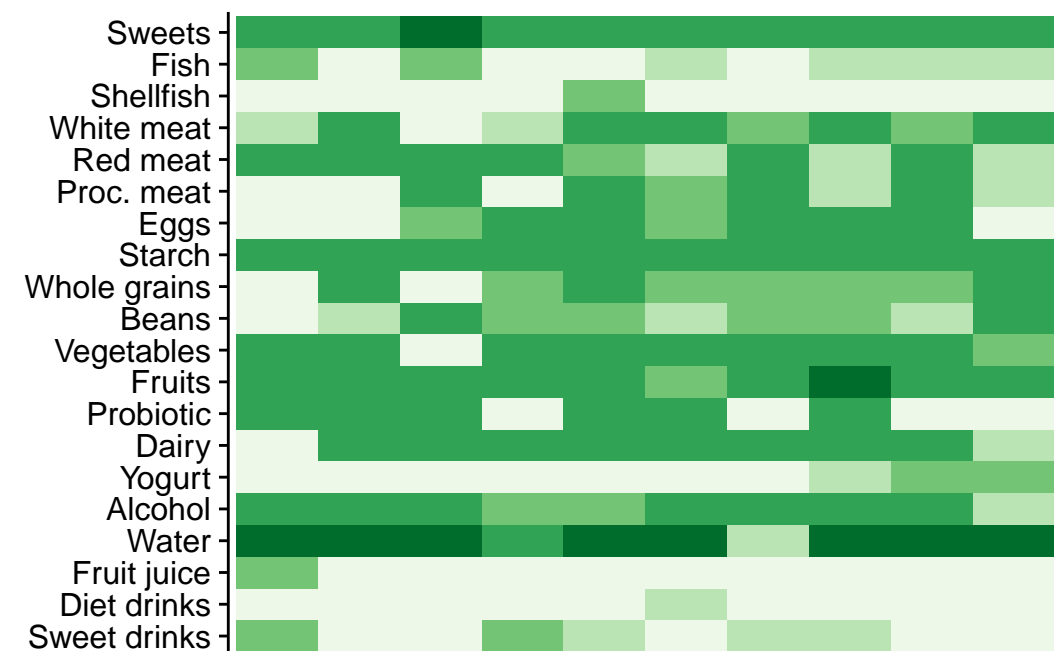
- K00262: glutamate dehydrogenase (NADP+) ...
- K01006: pyruvate, orthophosphate dikinase [...]
- K02357: elongation factor EF-Ts
- K02358: elongation factor EF-Tu
- K03040: DNA-directed RNA polymerase sub...
- K04043: molecular chaperone DnaK
- K04077: chaperonin GroEL
- K10117: raffinose/stachyose/melibiose transp...
- UNGROUPED



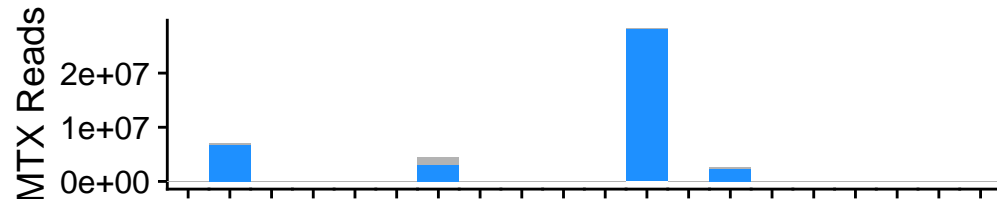
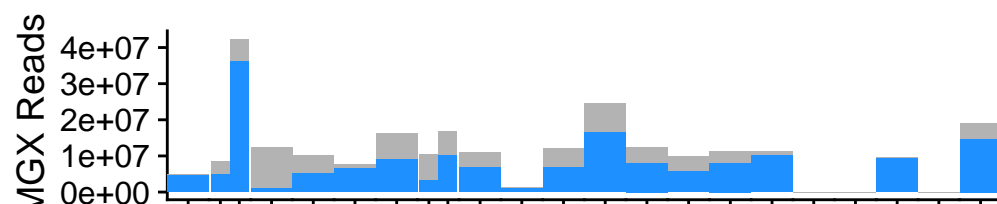
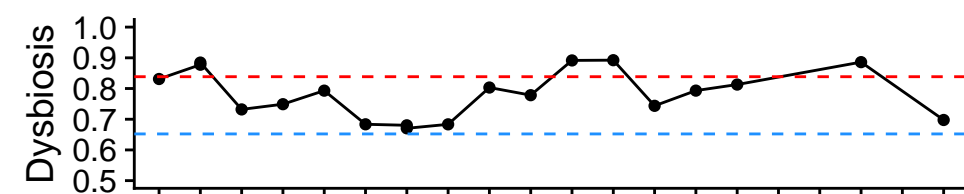
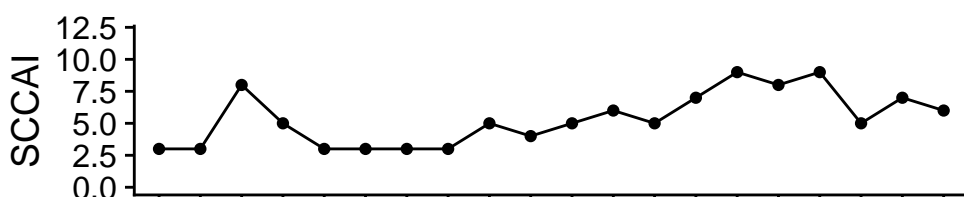
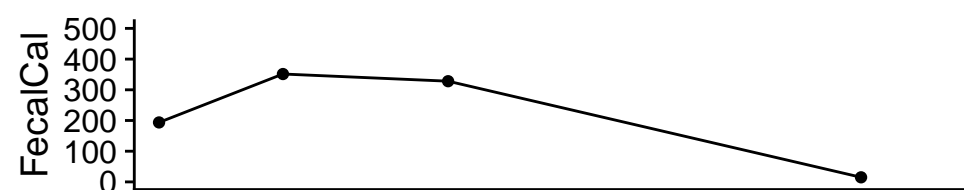
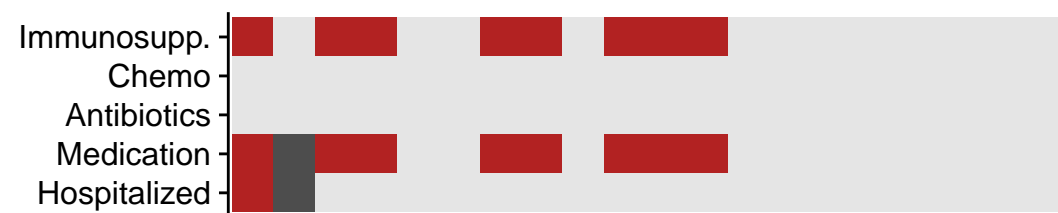
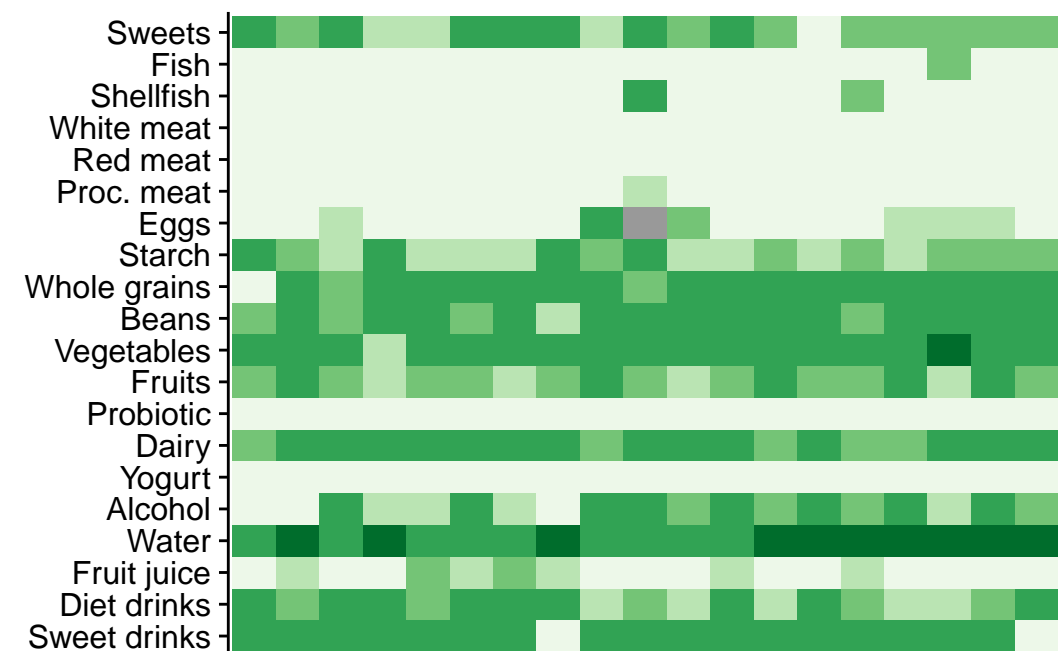
C3011: 37 Female White Cedars–Sinai | UC



C3012: 37 Female White Cedars–Sinai | CD L1



C3013: 26 Female White Cedars–Sinai | UC



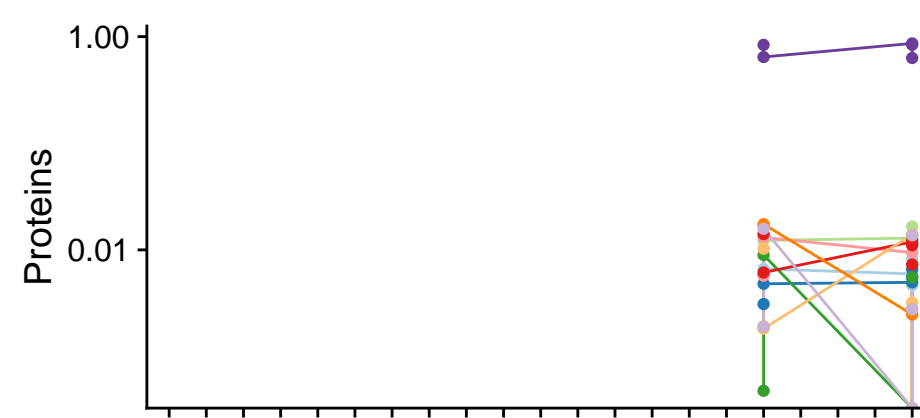
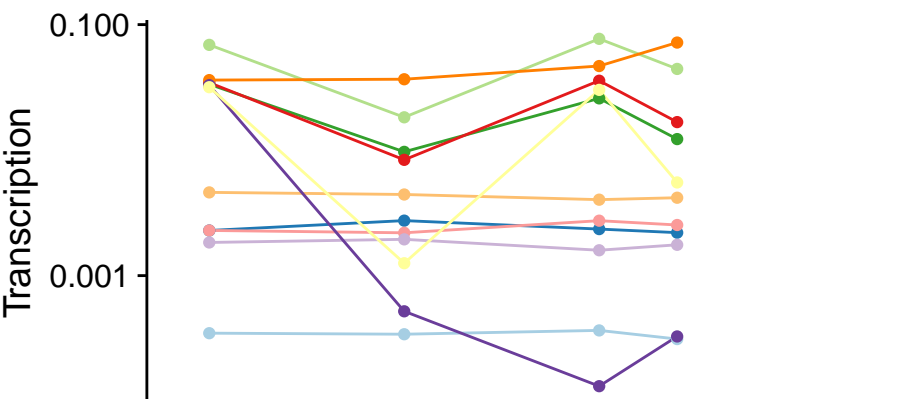
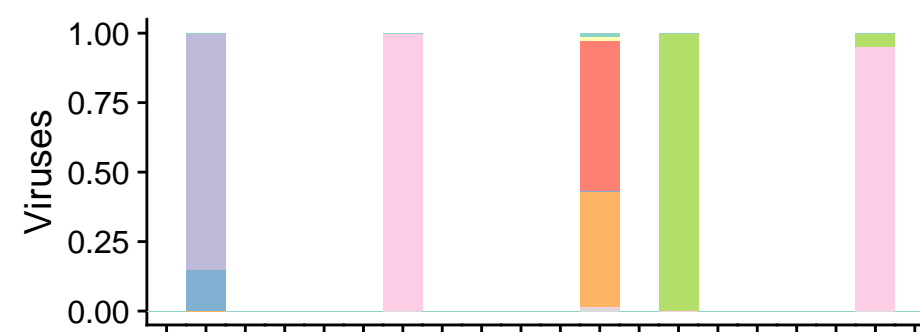
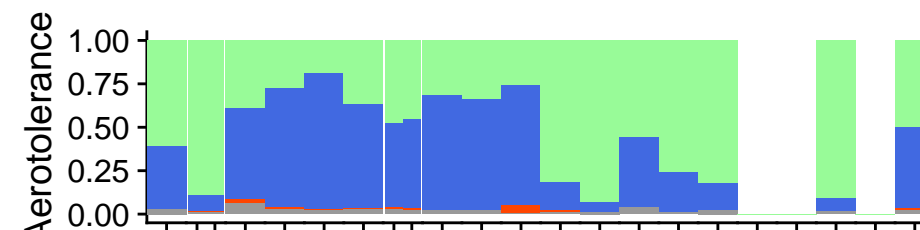
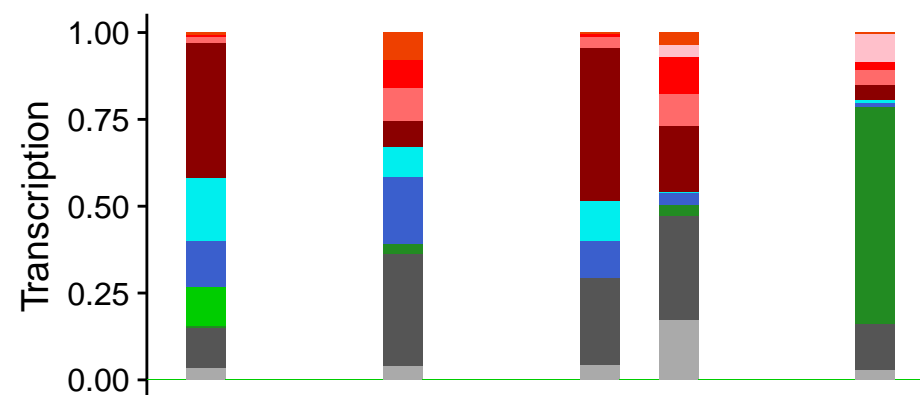
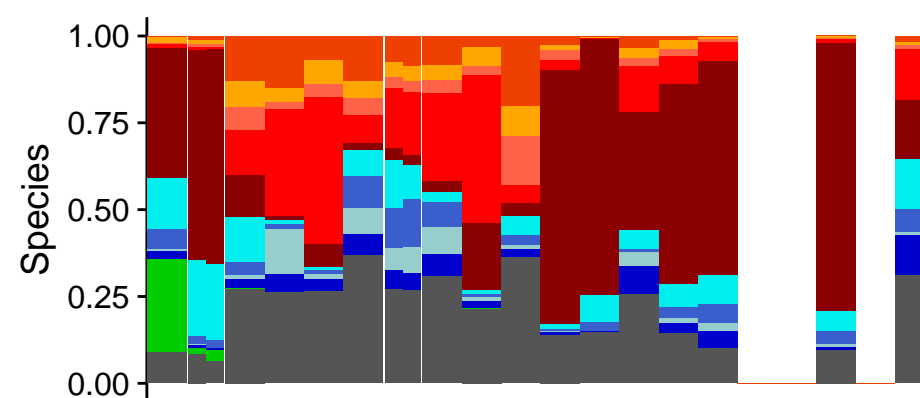
Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

Yes
No
Blank

--- Dysbiosis
--- Eubiosis

Human
Filtered

Human
Filtered



Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides uniformis
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Oscillibacter unclassified
Akkermansia muciniphila
other

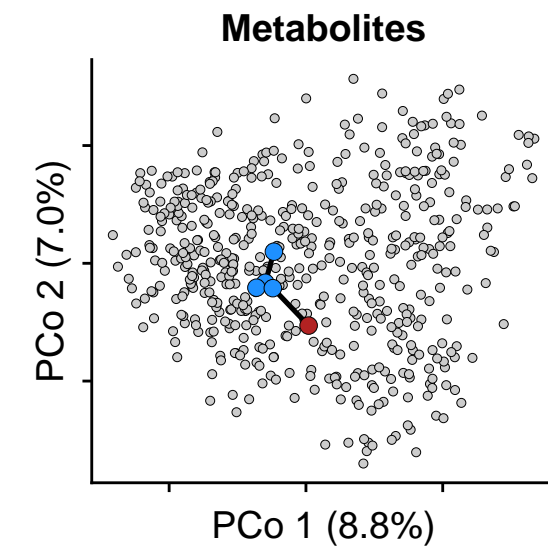
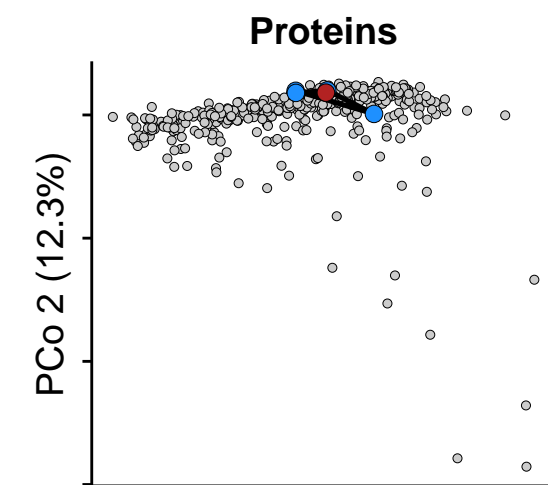
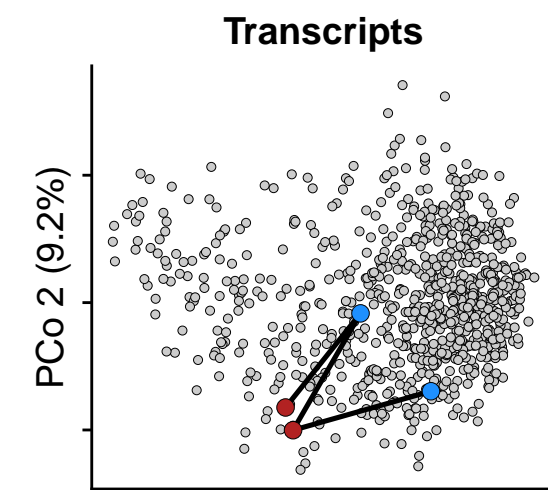
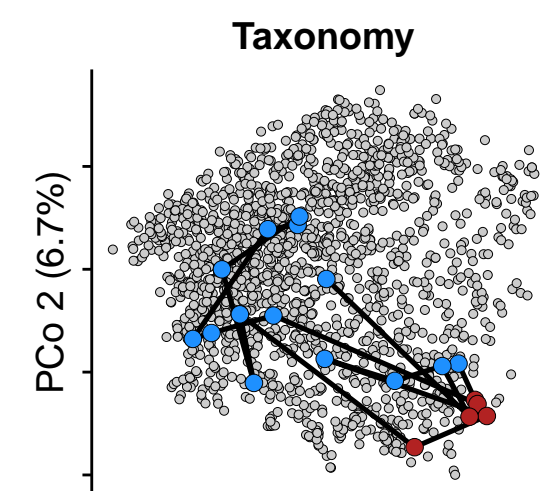
Bacteroides caccae
Bacteroides fragilis
Bacteroides uniformis
Parabacteroides distasonis
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
Akkermansia muciniphila
Haemophilus parainfluenzae
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

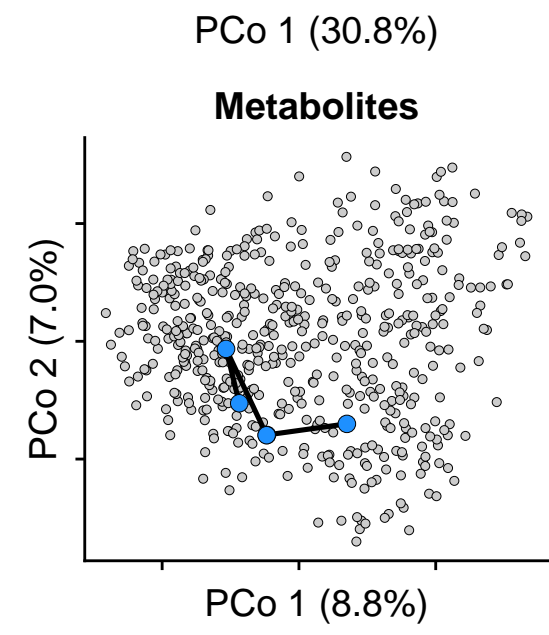
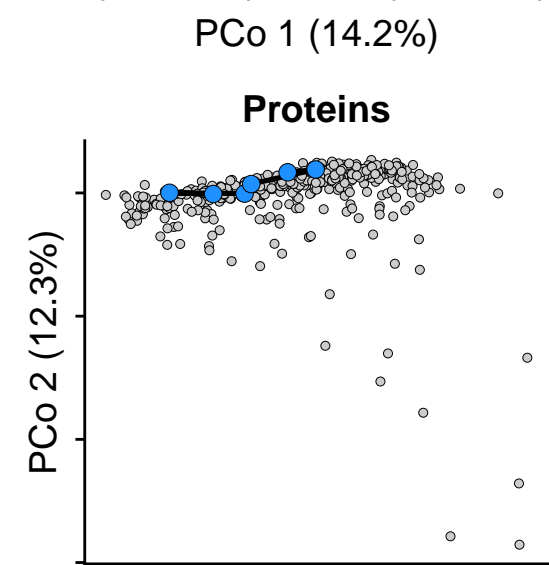
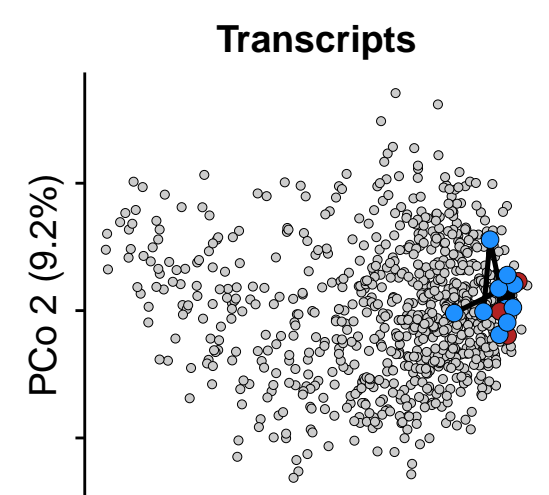
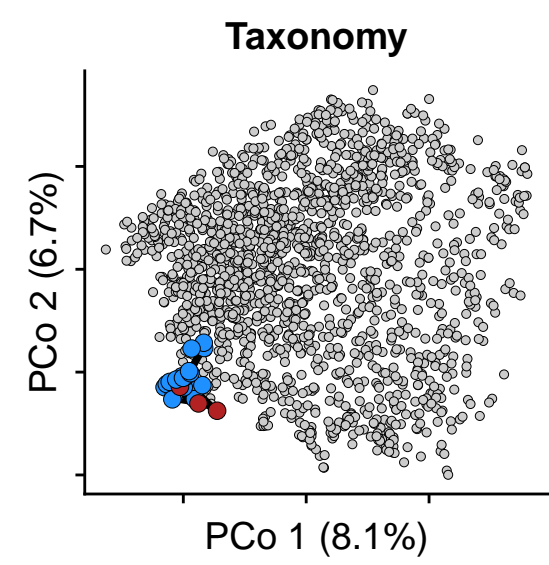
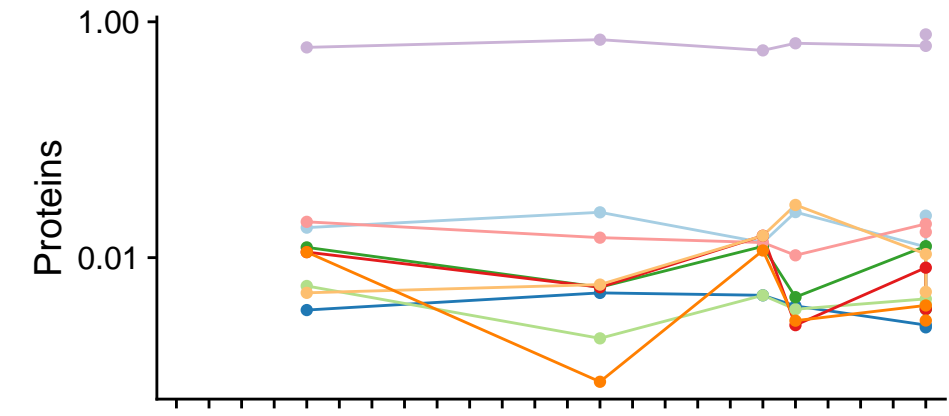
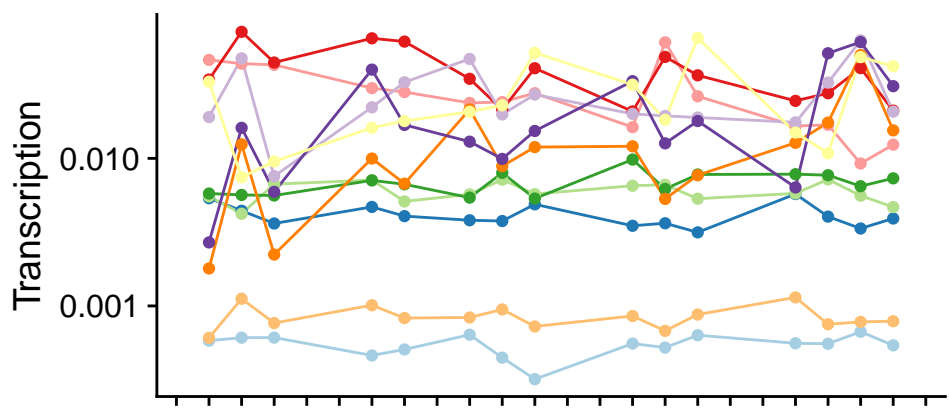
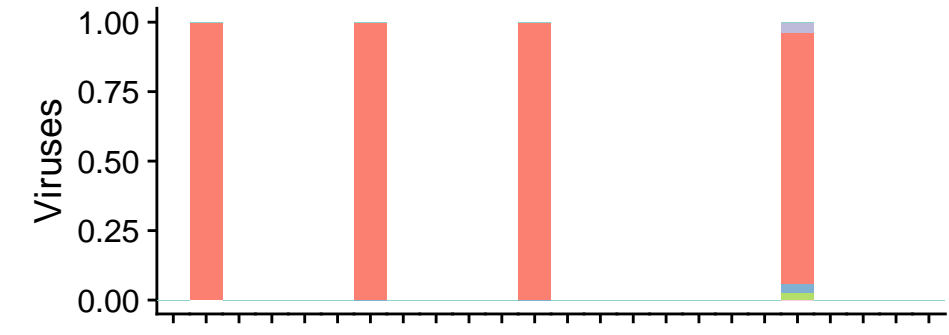
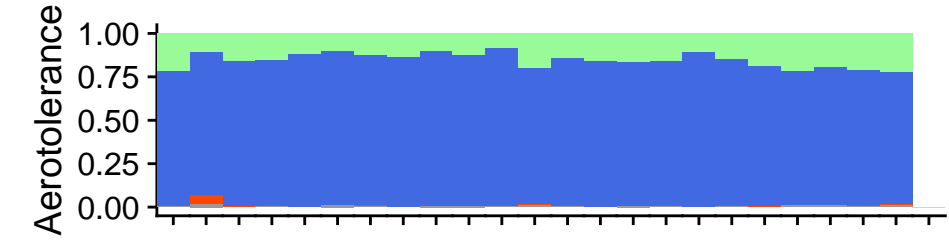
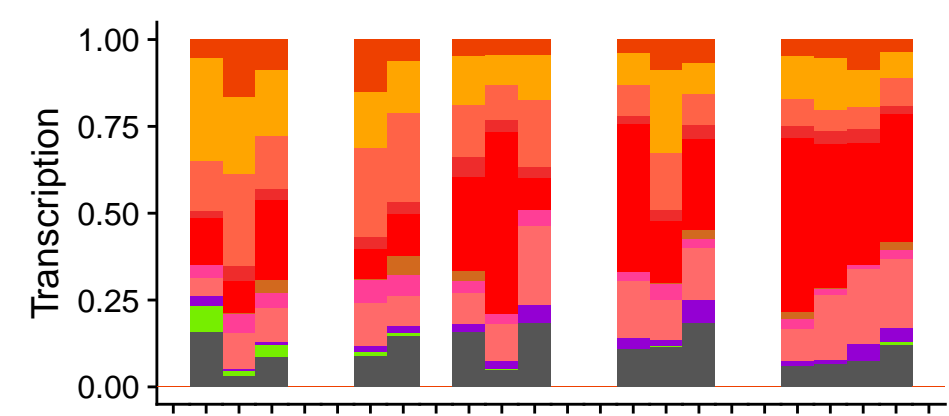
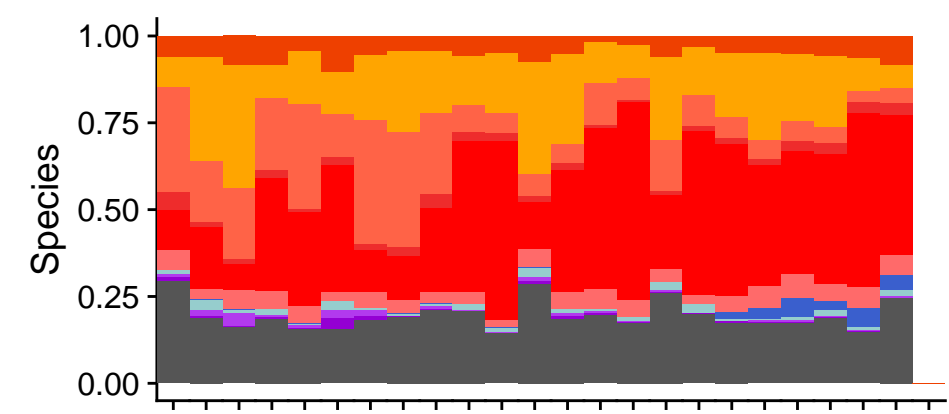
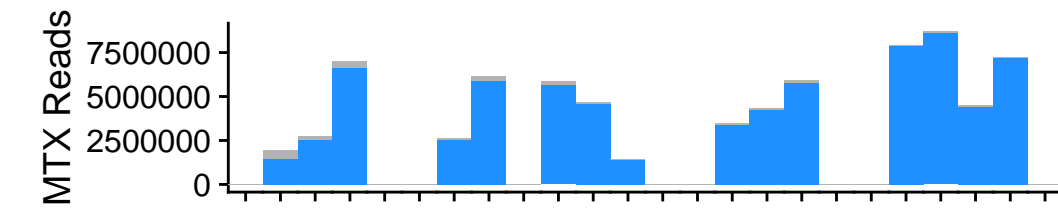
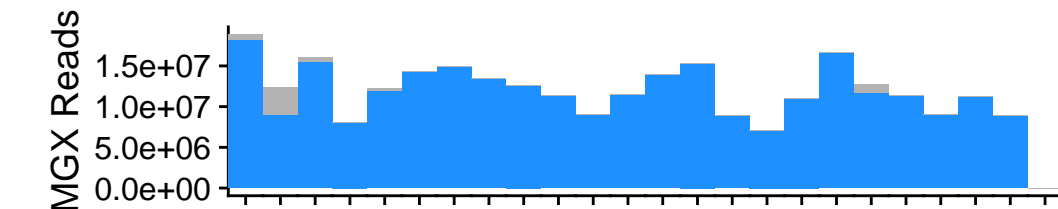
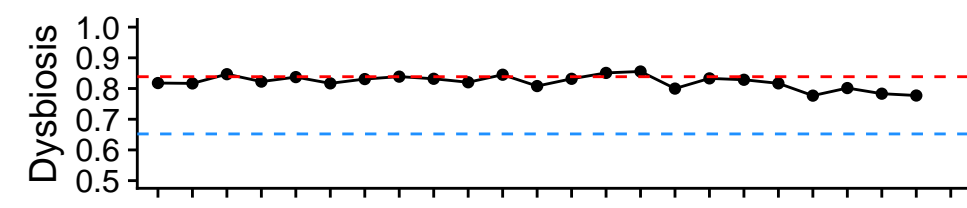
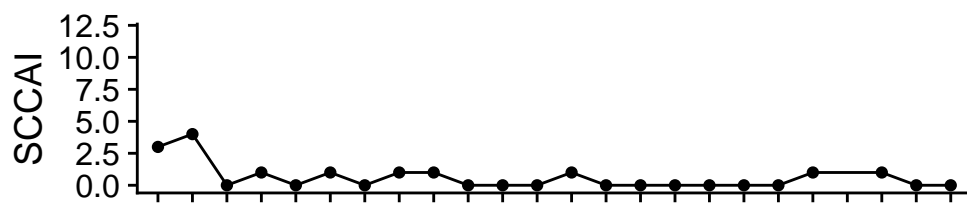
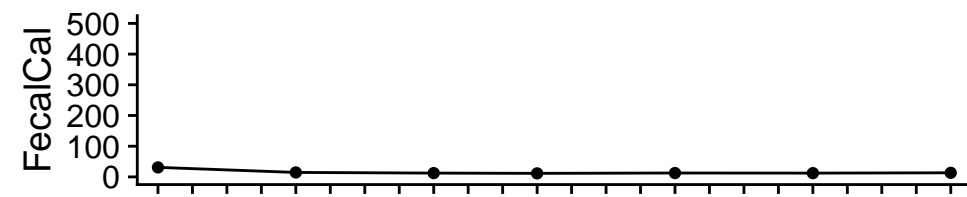
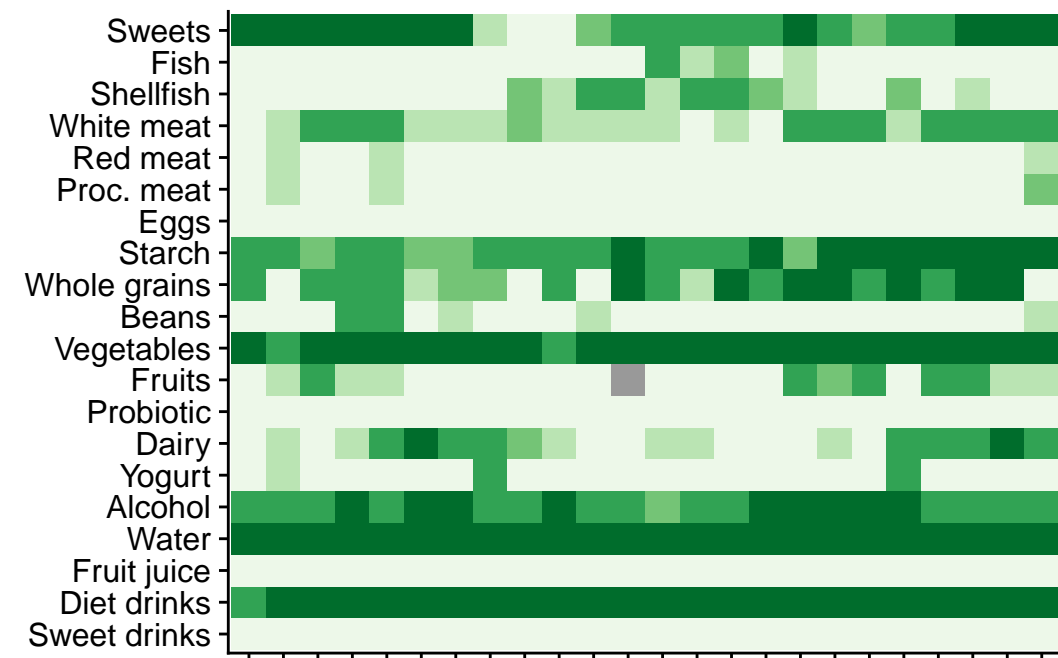
unclassified Myoviridae
Bacillus virus B103
unclassified C2likevirus
Siphoviridae
Lactococcus phage 50101
Lactococcus phage 936 sensu lato
Gokushovirus WZ-2015a
Pepper mild mottle virus
other

K00057: glycerol-3-phosphate dehydrogena...
K02111: F-type H⁺-transporting ATPase sub...
K02358: elongation factor EF-Tu
K02874: large subunit ribosomal protein L14
K02879: large subunit ribosomal protein L17
K02886: large subunit ribosomal protein L2
K02902: large subunit ribosomal protein L28
K02914: large subunit ribosomal protein L34
K03522: electron transfer flavoprotein alpha s...
K04069: pyruvate formate lyase activating en...
K09458: 3-oxoacyl-[acyl-carrier-protein] sy...

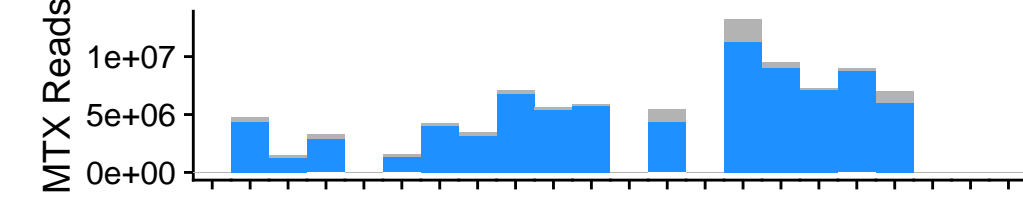
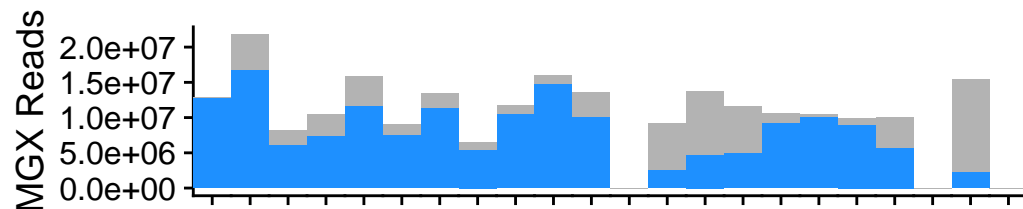
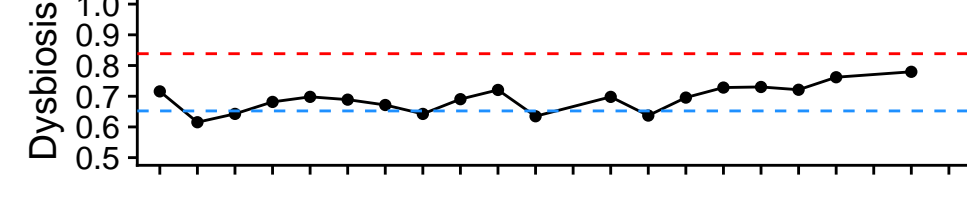
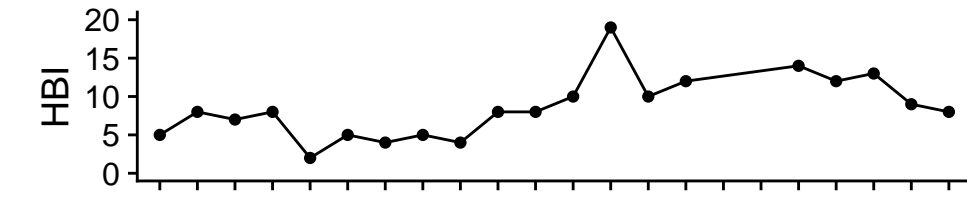
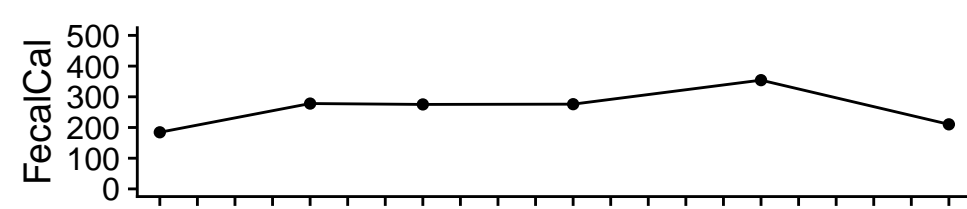
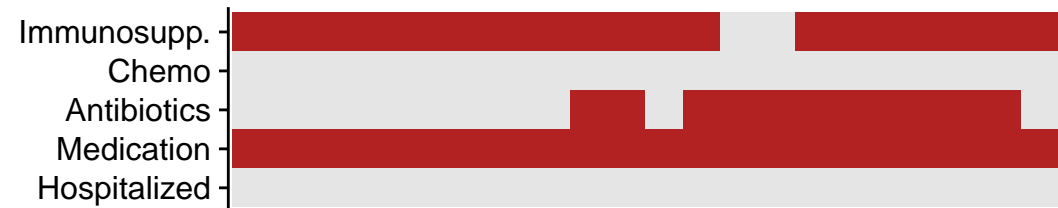
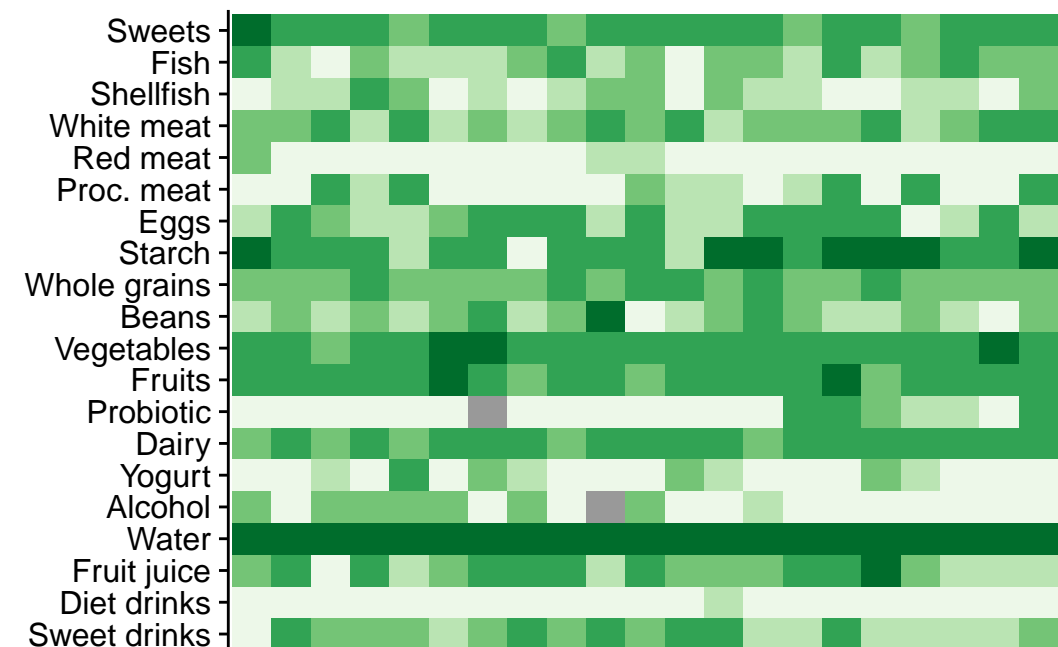
K00024: malate dehydrogenase [EC:1.1.1.37]
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K04077: chaperonin GroEL
UNGROUPED



C3015: 50 Female White Cedars–Sinai | UC



C3016: 32 Female White Cedars–Sinai | CD



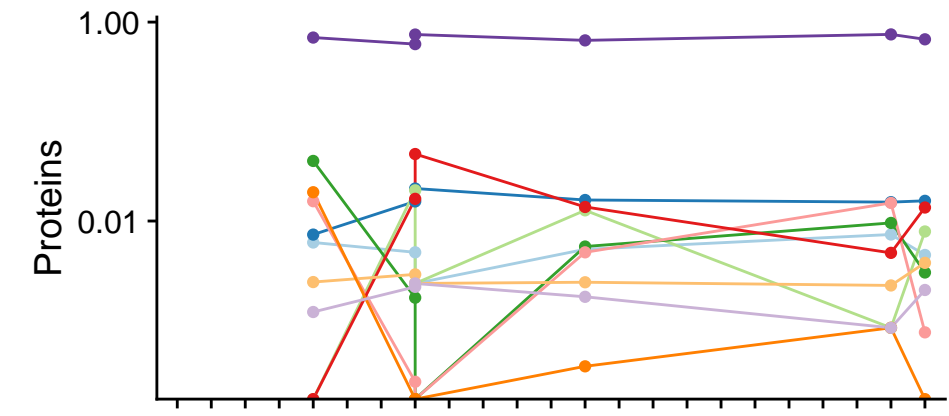
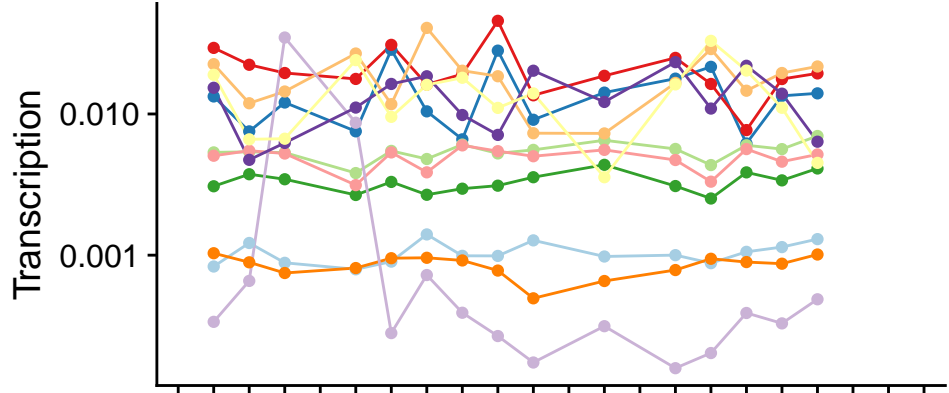
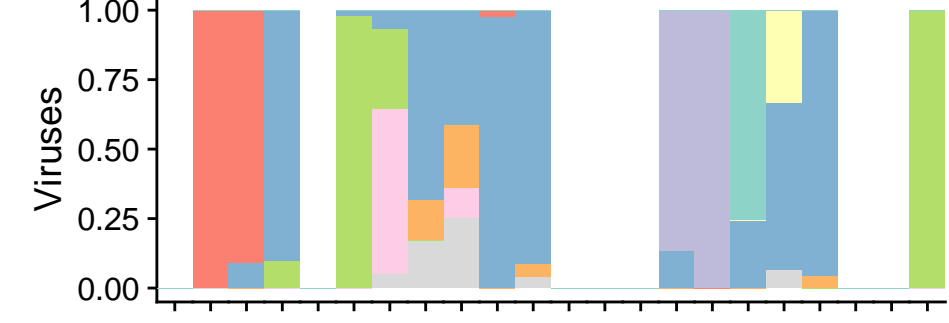
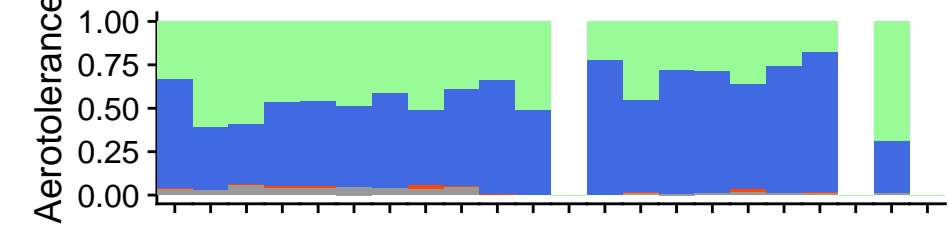
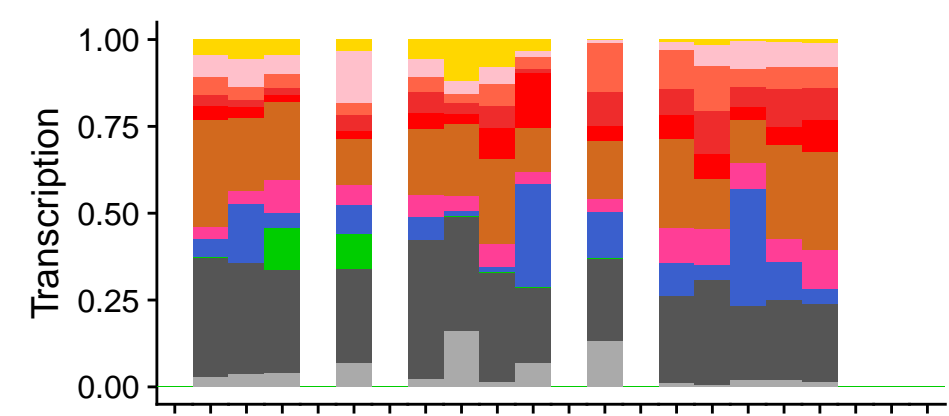
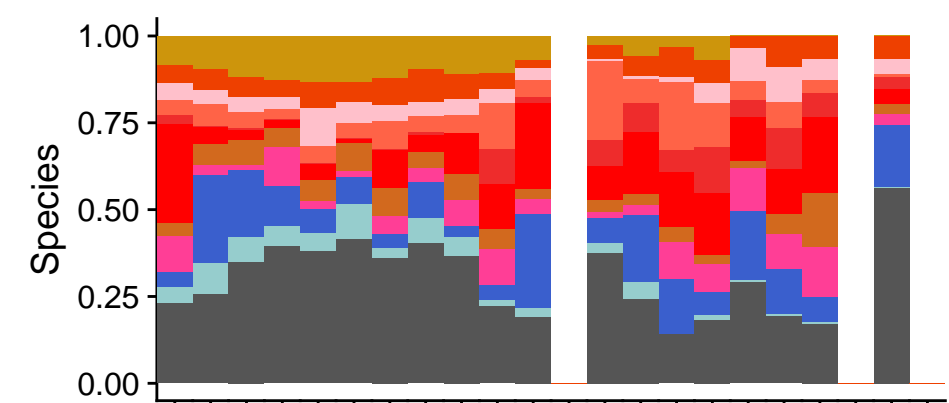
Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

Yes
No

--- Dysbiosis
--- Eubiosis

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Faecalibacterium prausnitzii
Subdoligranulum unclassified
other

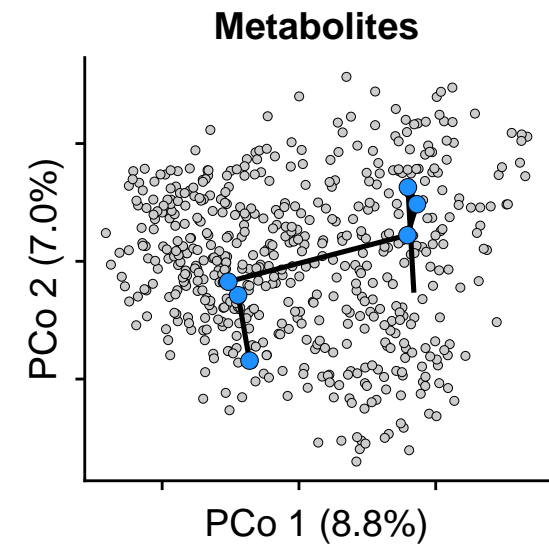
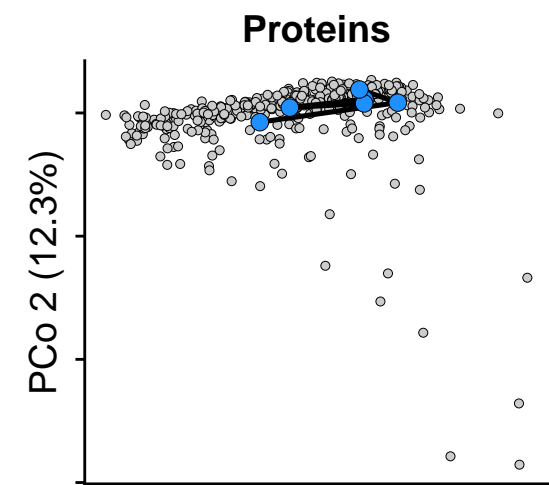
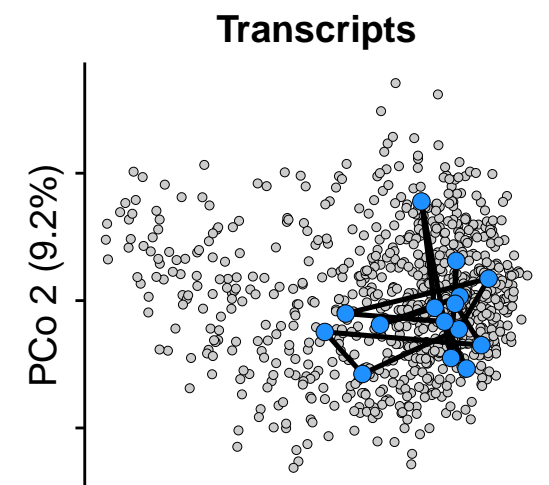
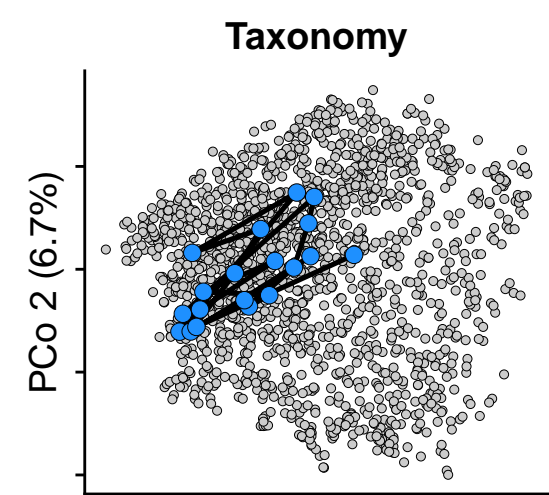
Alistipes onderdonkii
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Faecalibacterium prausnitzii
Akkermansia muciniphila
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

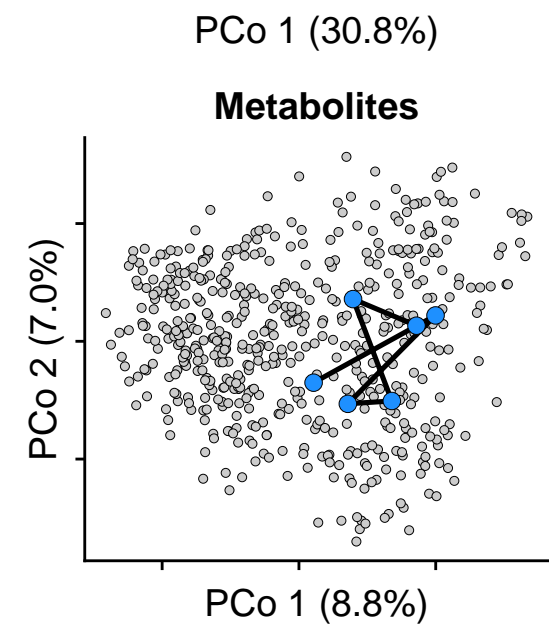
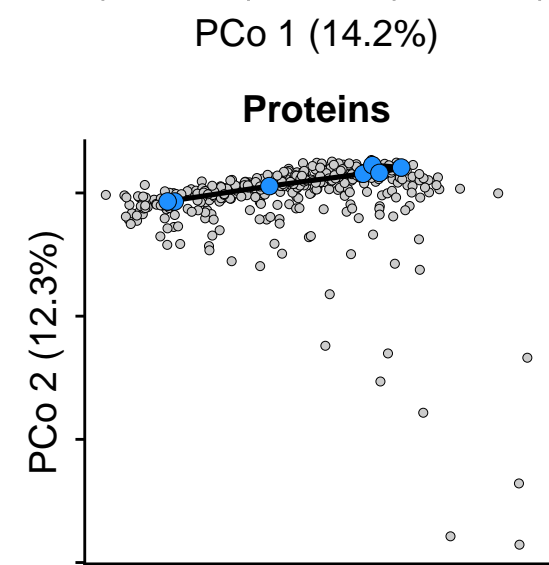
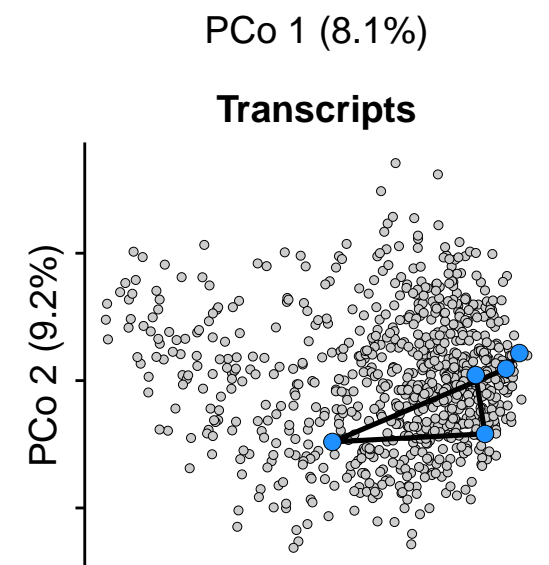
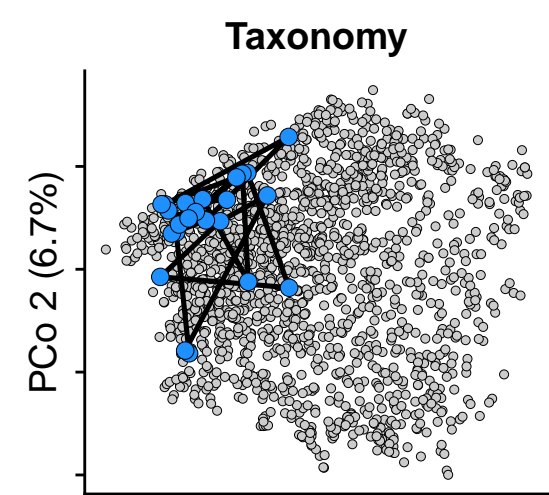
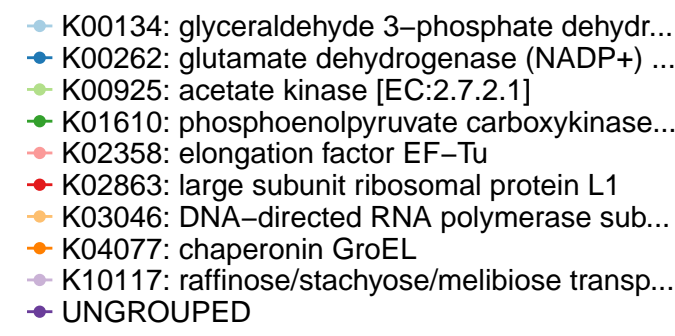
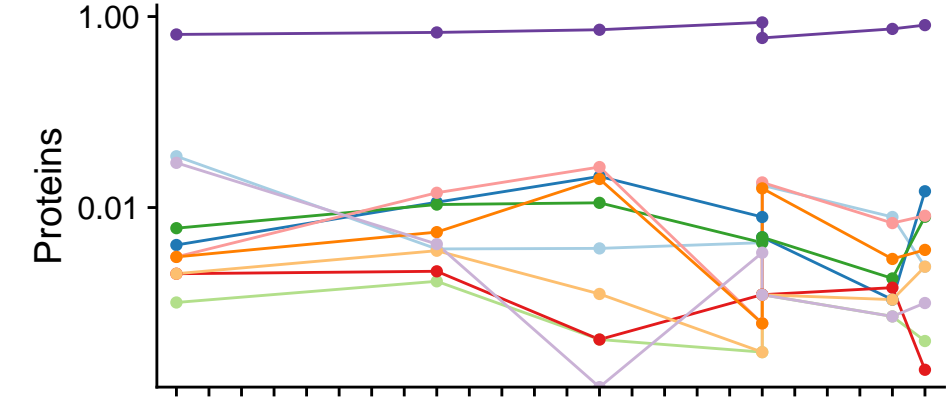
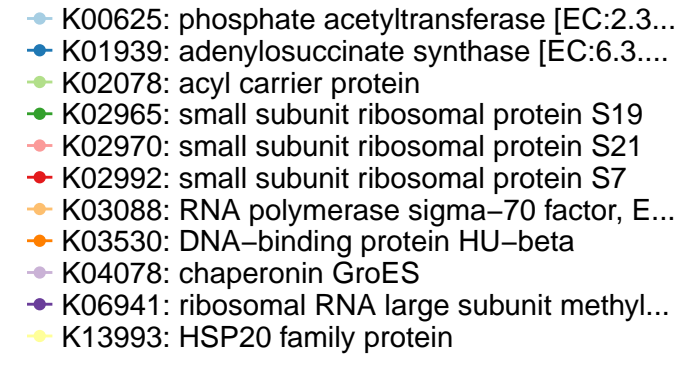
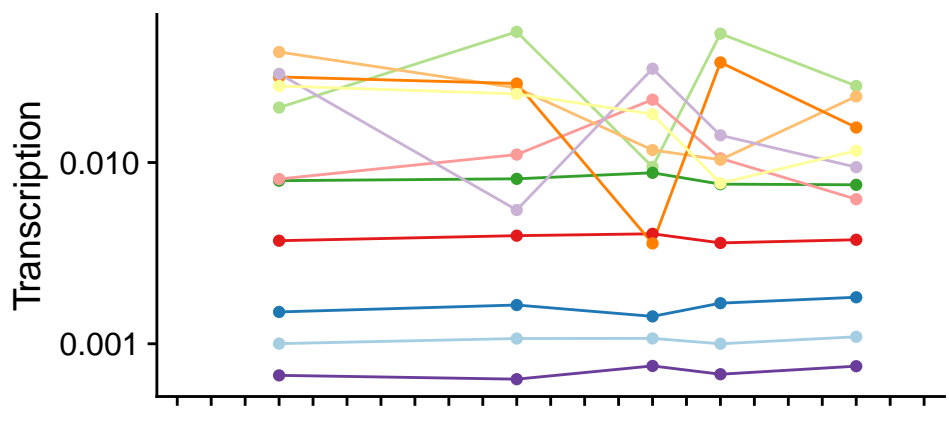
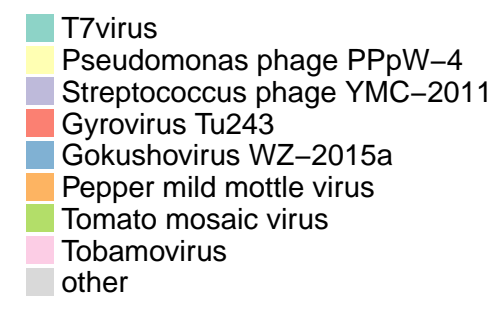
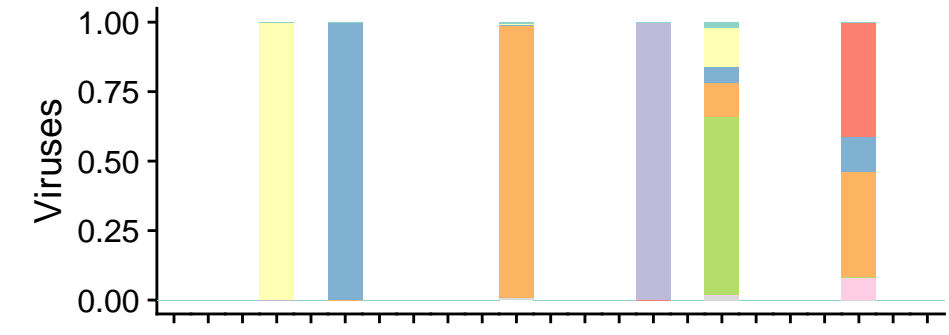
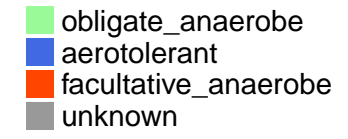
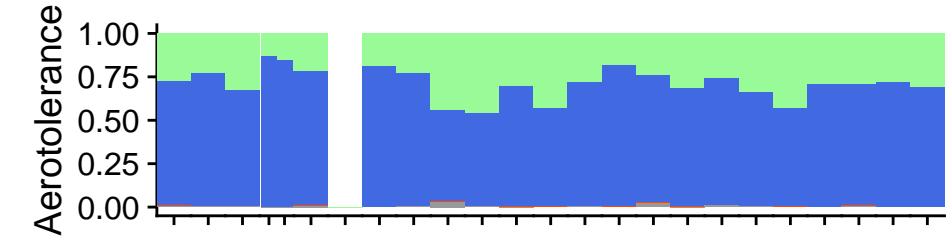
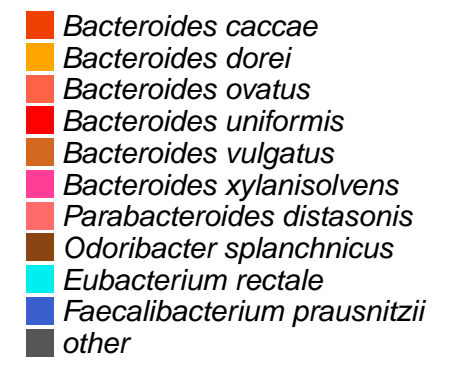
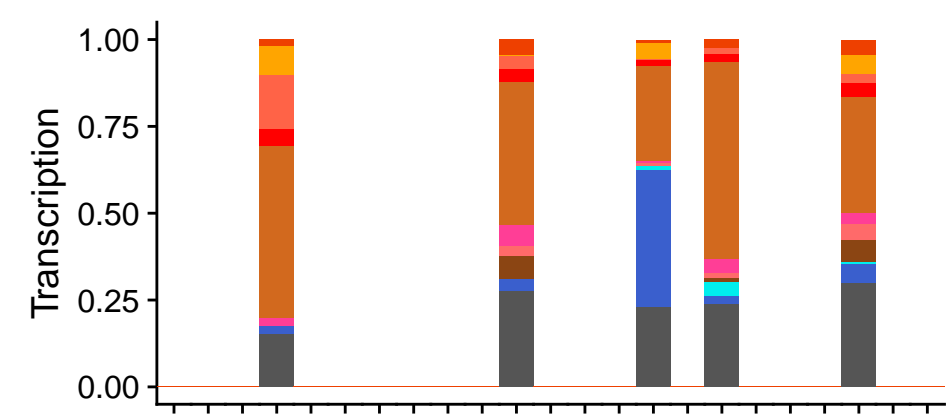
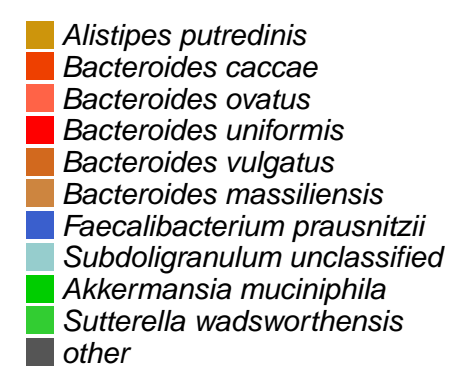
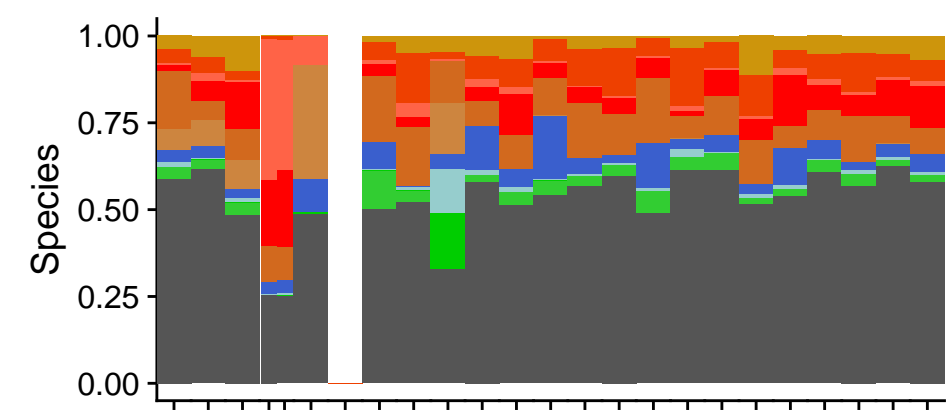
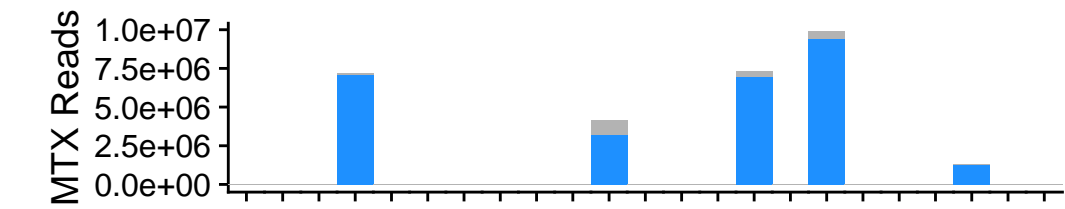
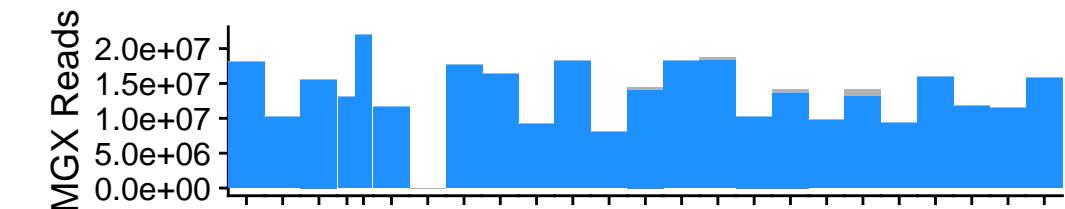
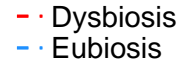
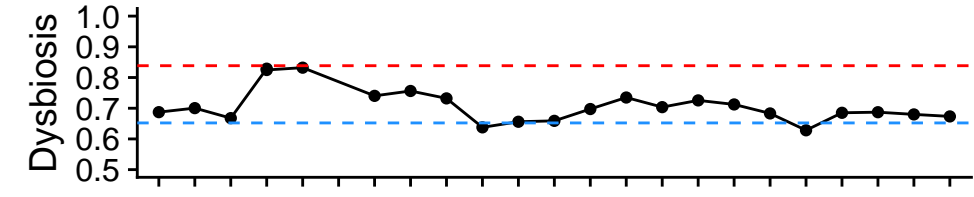
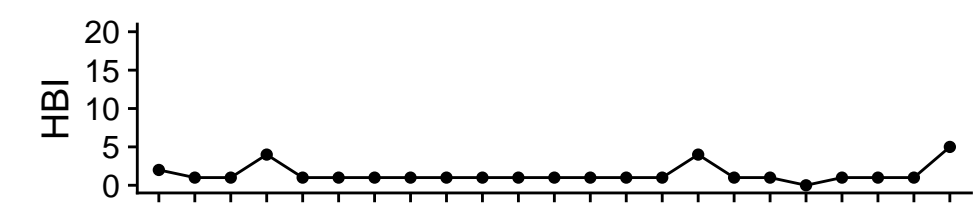
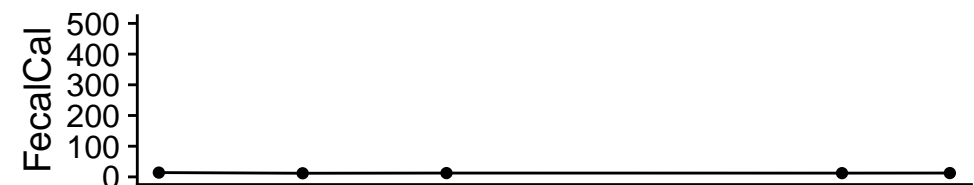
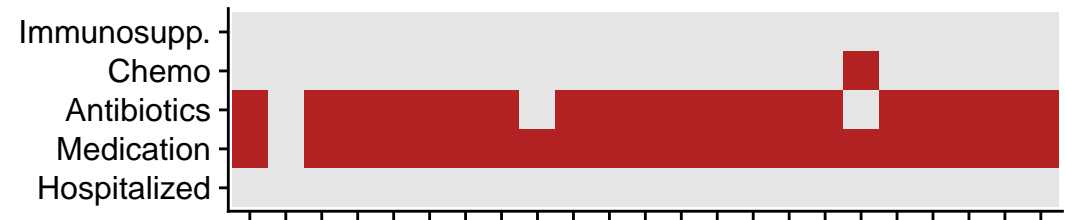
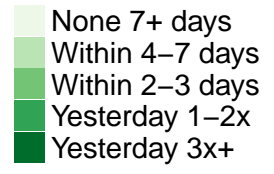
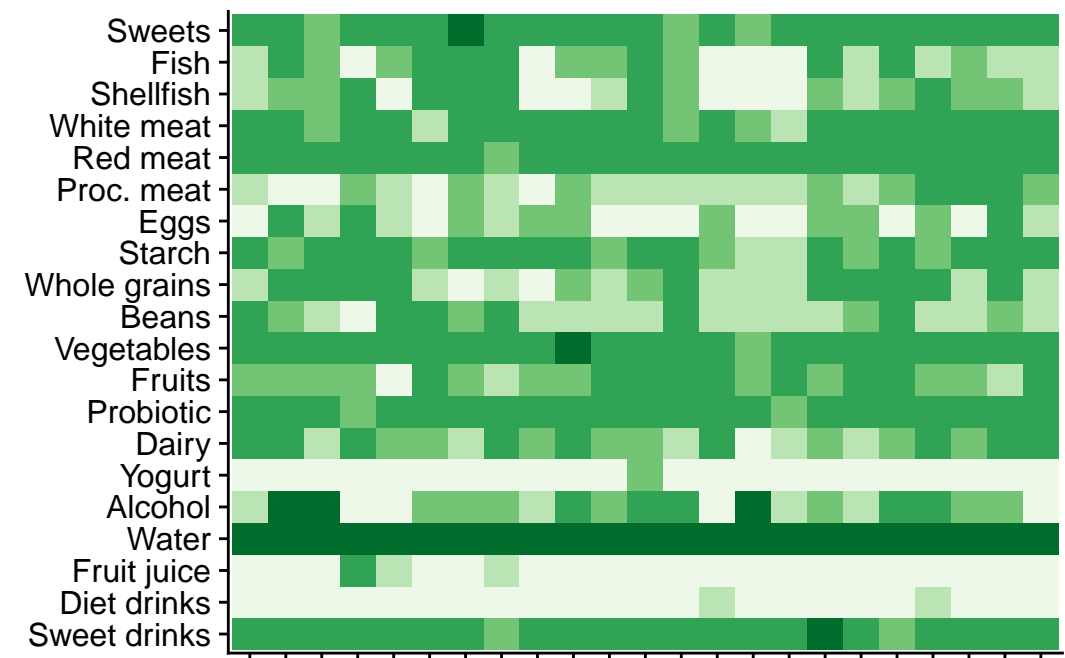
Yersinia virus D1
Pseudomonas phage UNO-SLW1
Gokushovirus WZ-2015a
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Tobacco mild green mosaic virus
Tomato mosaic virus
Pepino mosaic virus
other

K01951: GMP synthase (glutamine-hydrolysi...
K02078: acyl carrier protein
K02886: large subunit ribosomal protein L2
K02926: large subunit ribosomal protein L4
K02948: small subunit ribosomal protein S11
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03797: carboxyl-terminal processing protea...
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K13993: HSP20 family protein

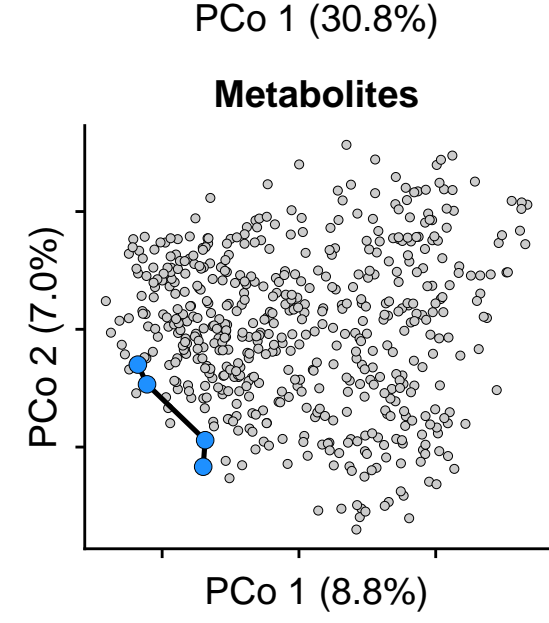
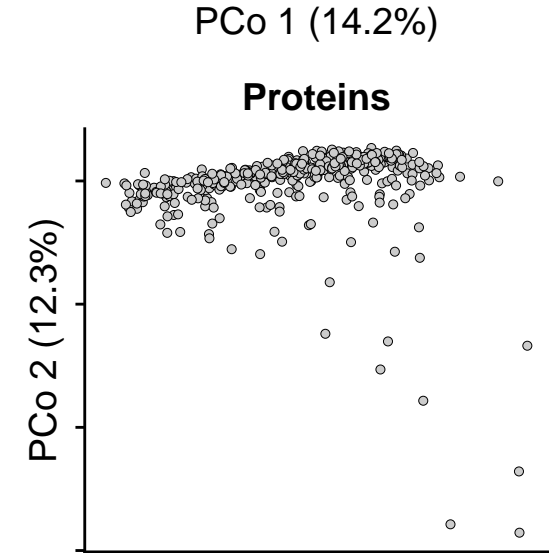
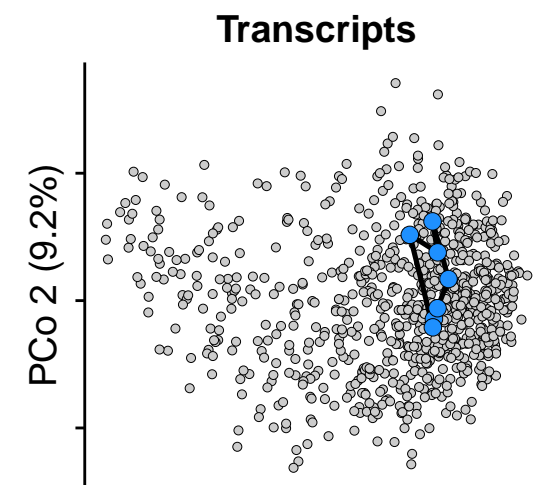
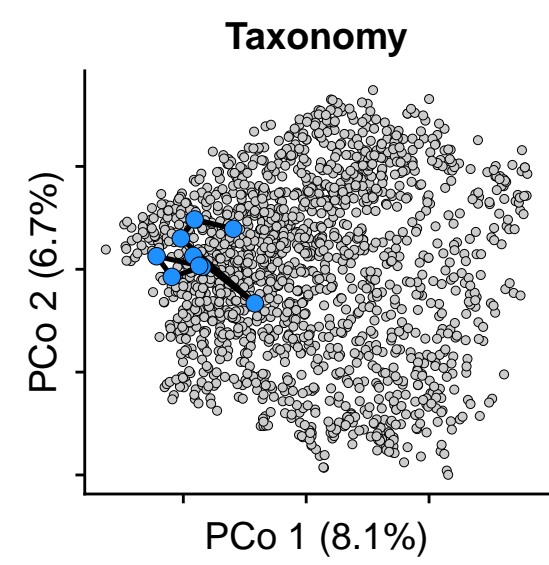
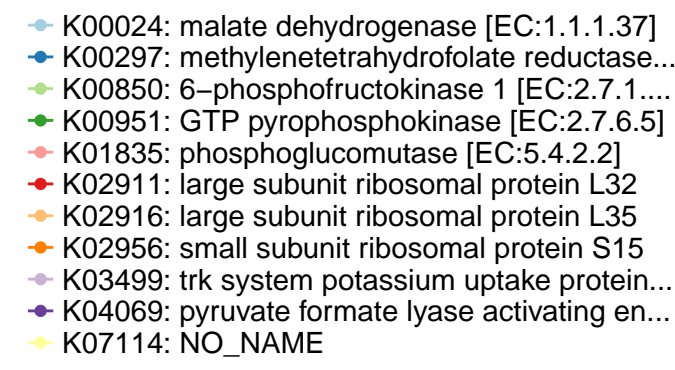
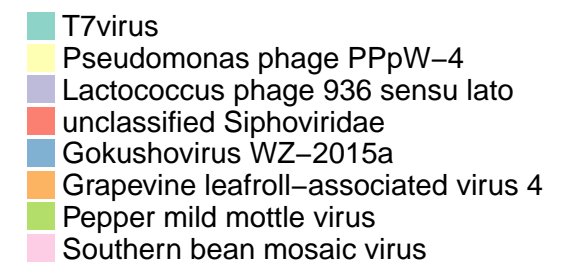
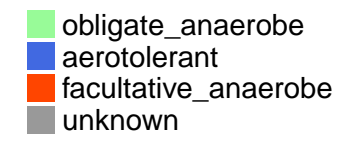
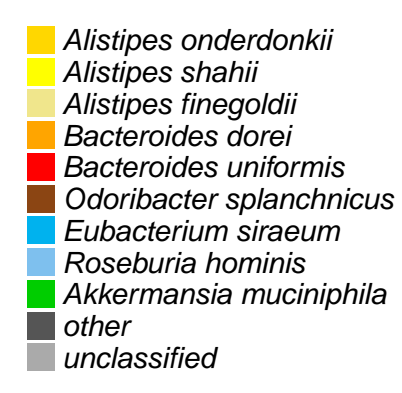
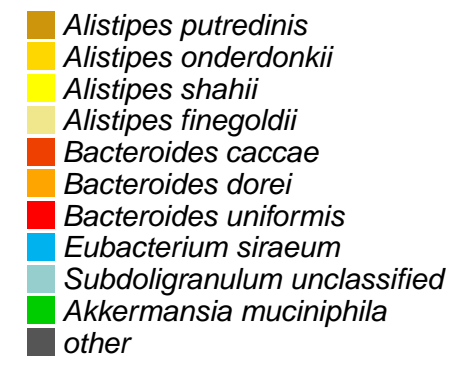
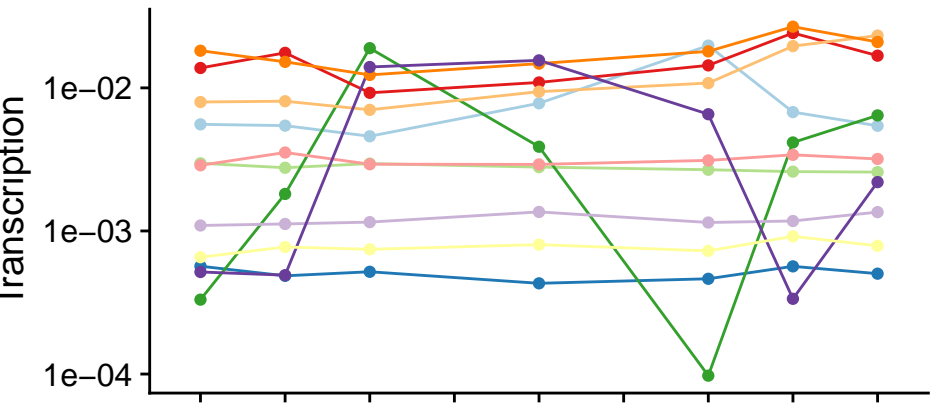
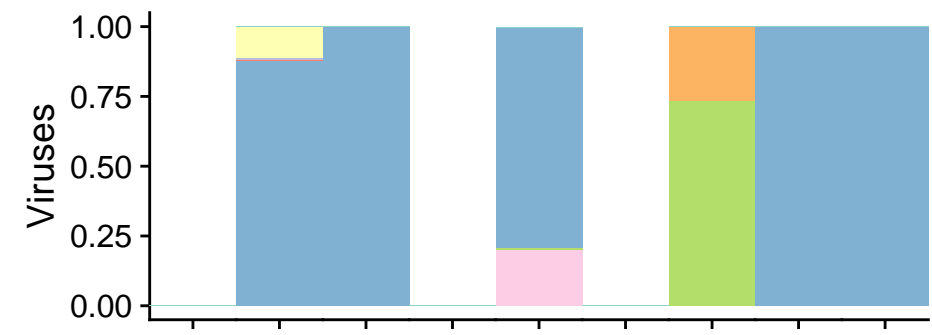
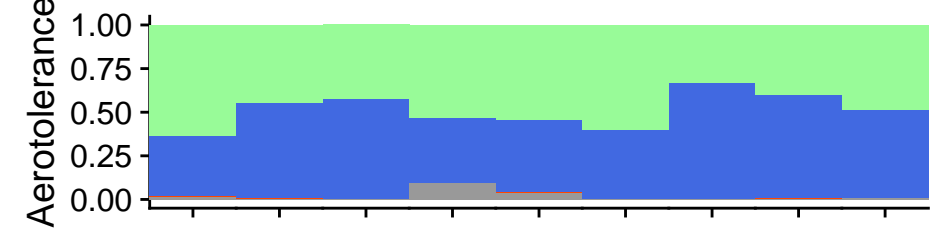
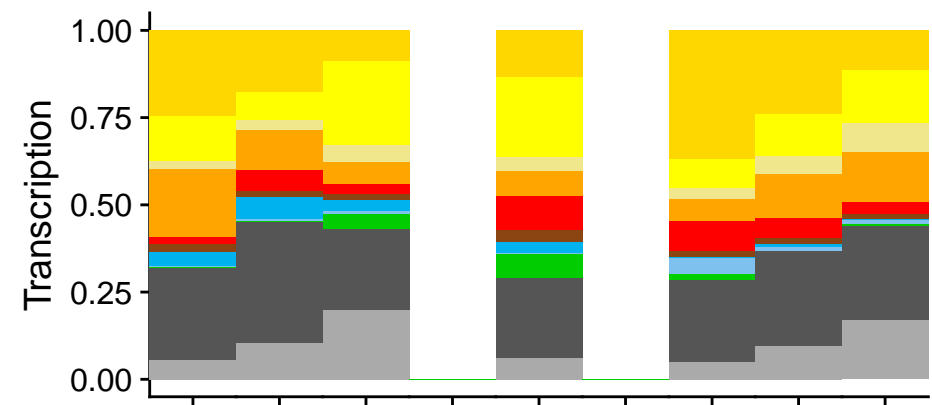
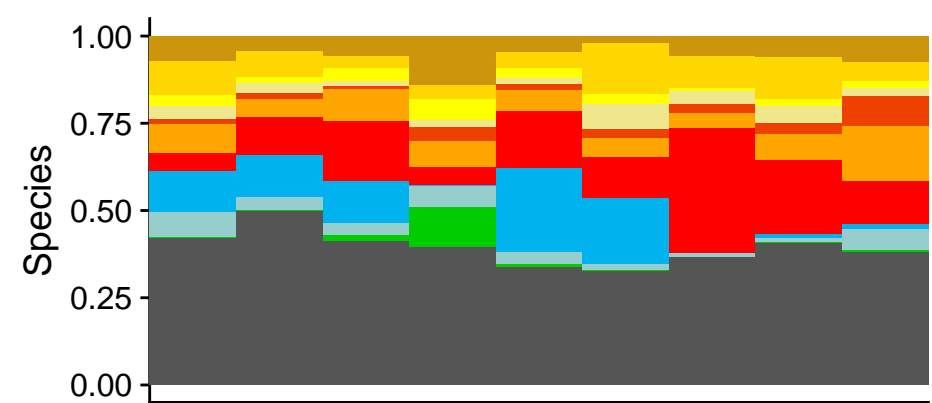
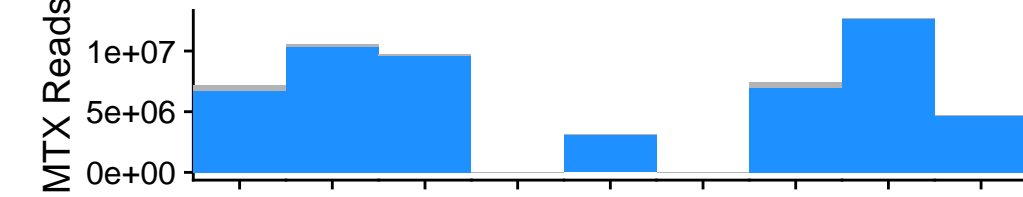
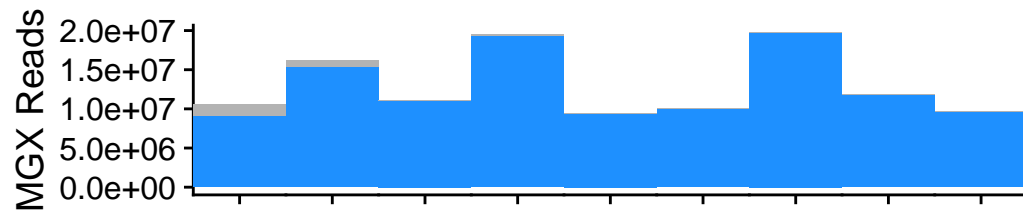
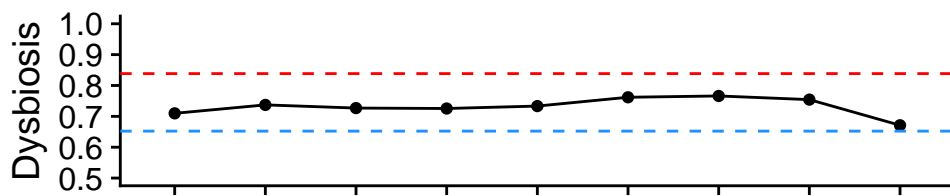
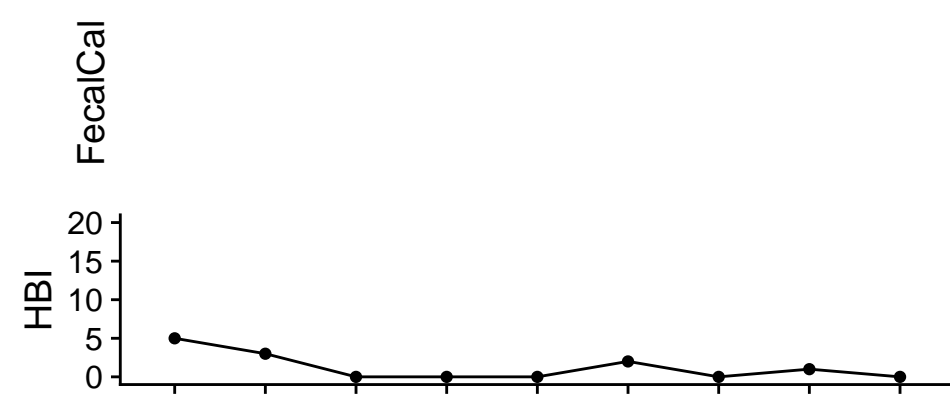
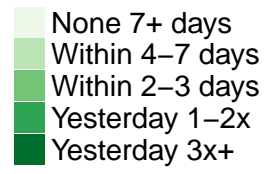
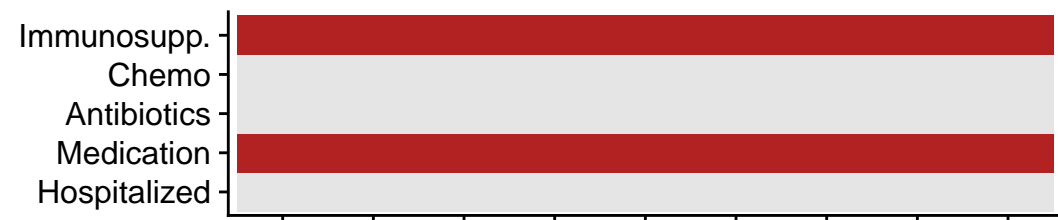
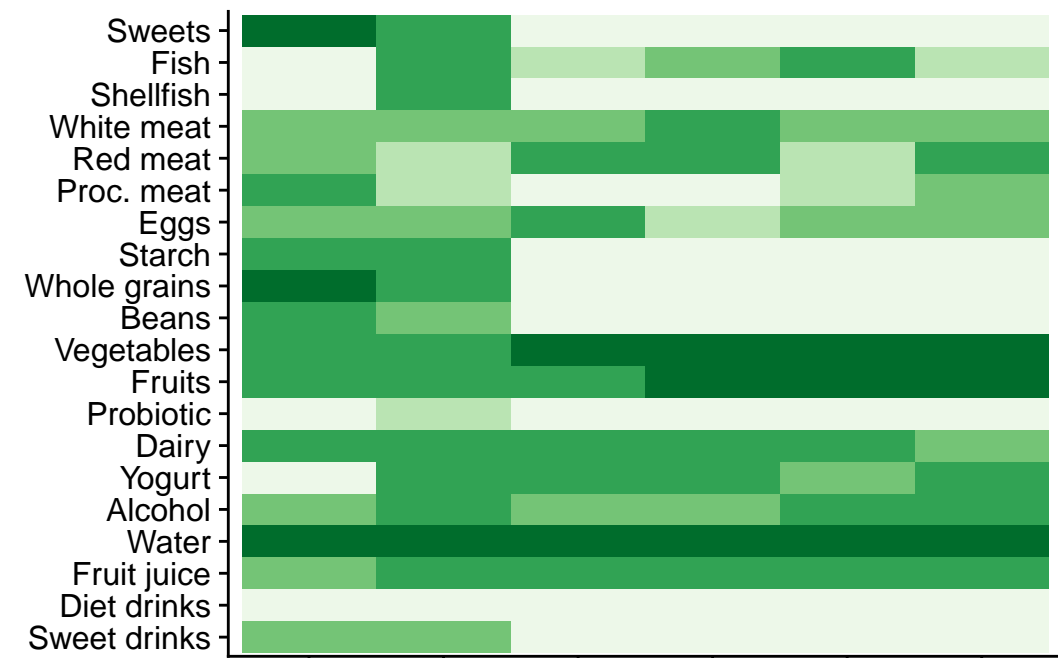
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01805: xylose isomerase [EC:5.3.1.5]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K02867: large subunit ribosomal protein L11
K03781: catalase [EC:1.11.1.6]
K15633: 2,3-bisphosphoglycerate-independ...
UNGROUPED



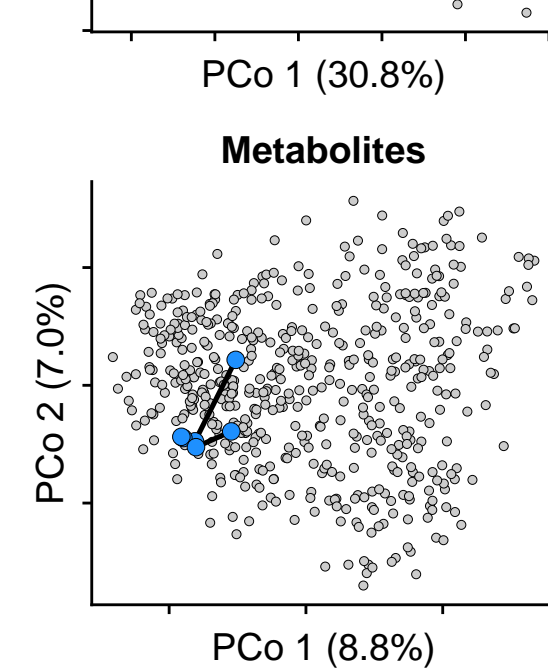
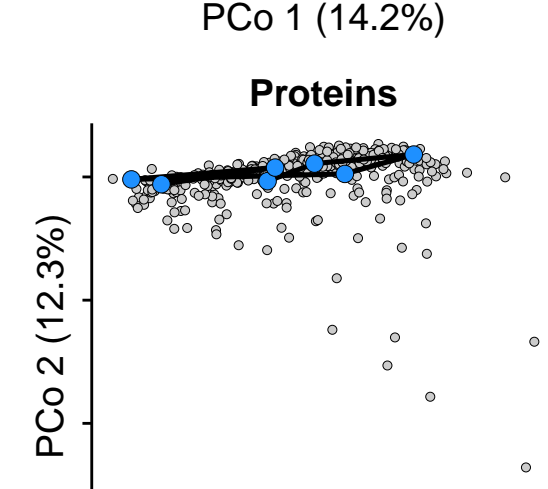
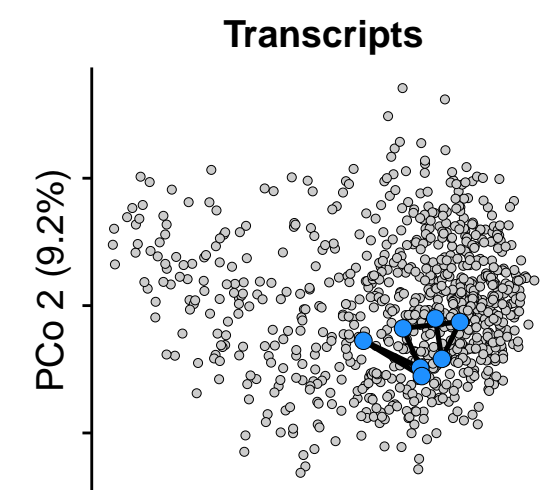
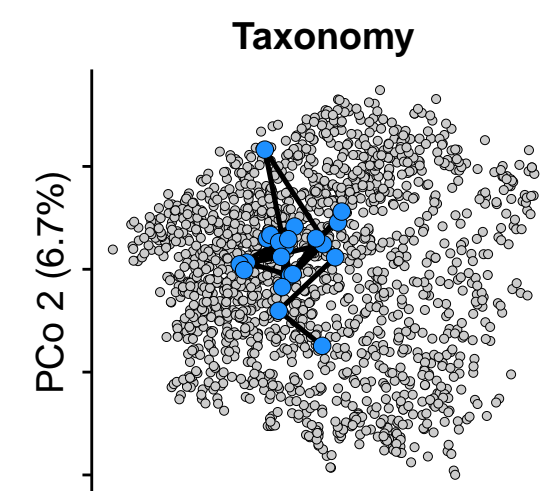
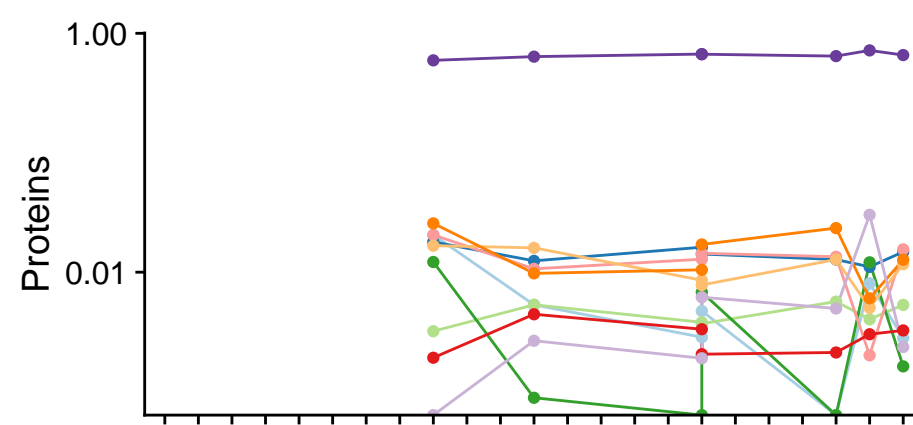
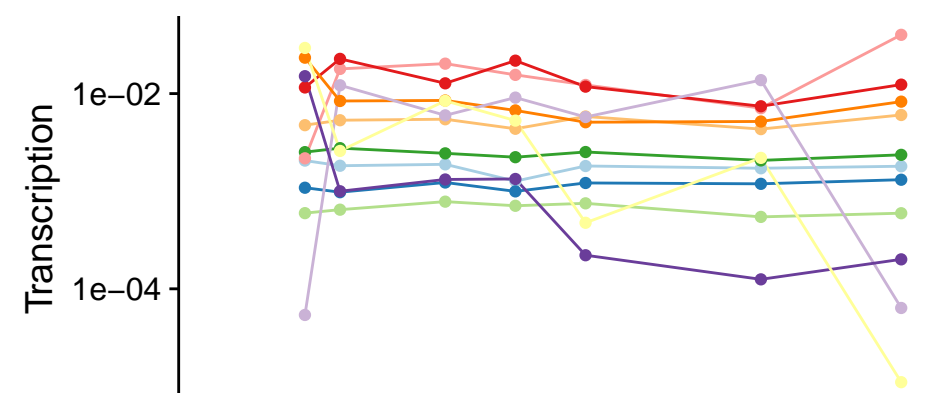
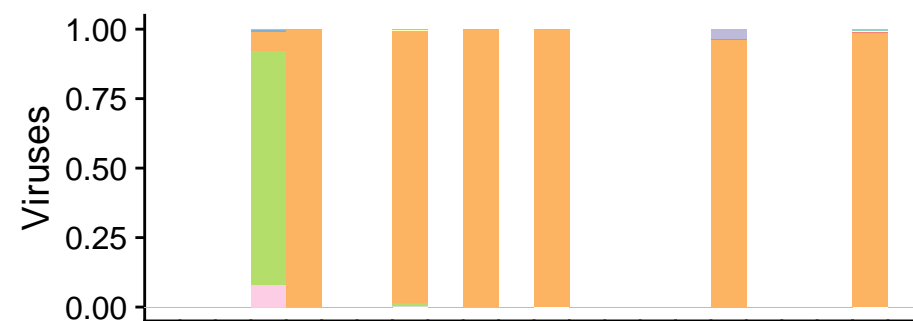
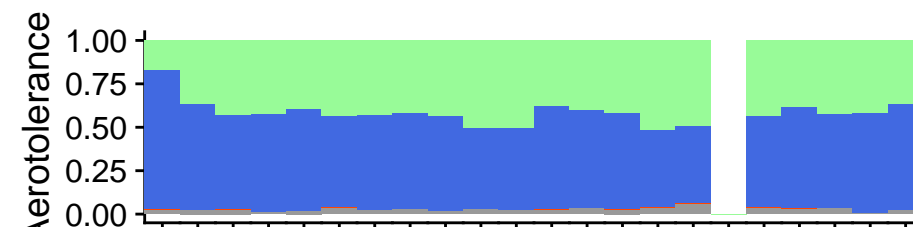
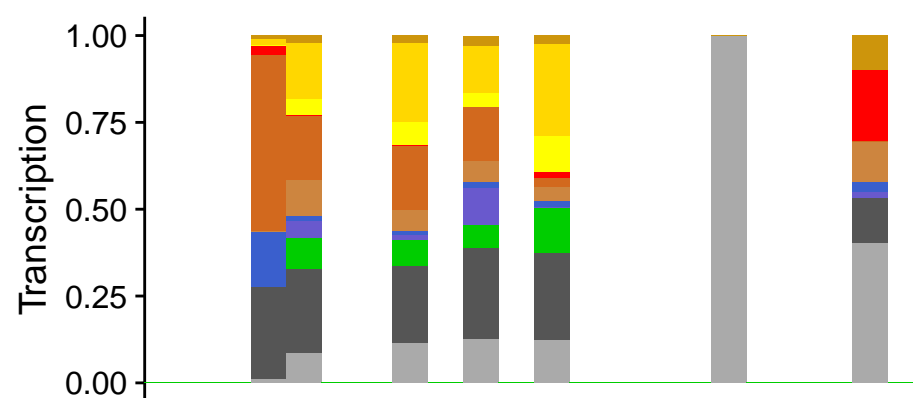
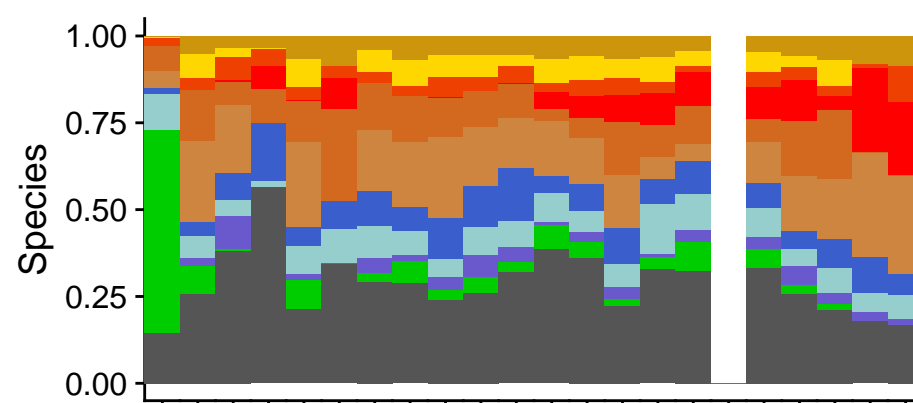
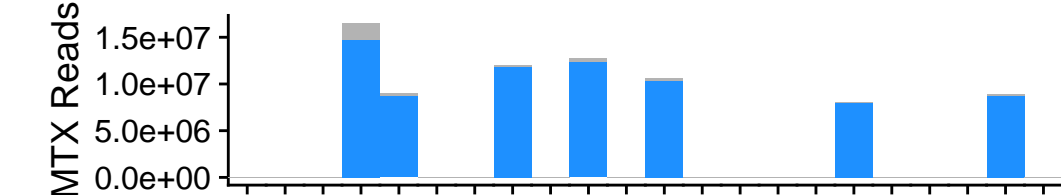
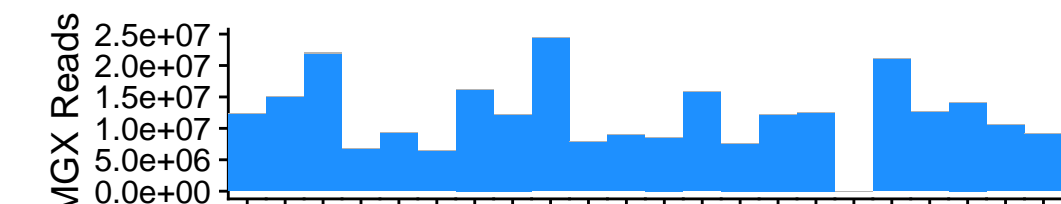
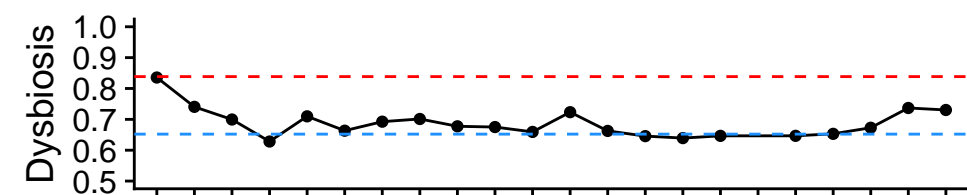
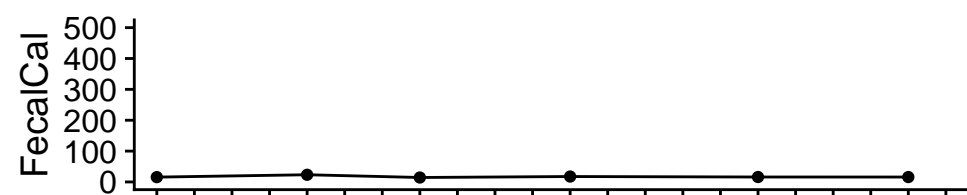
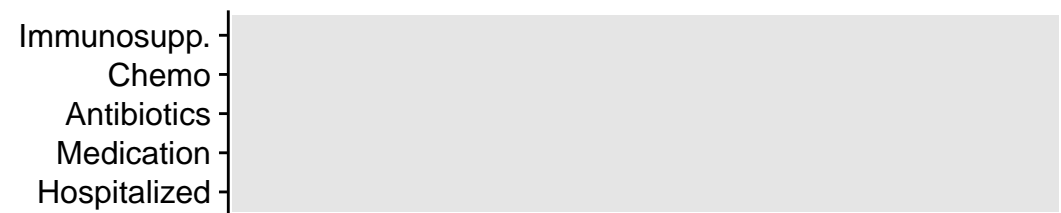
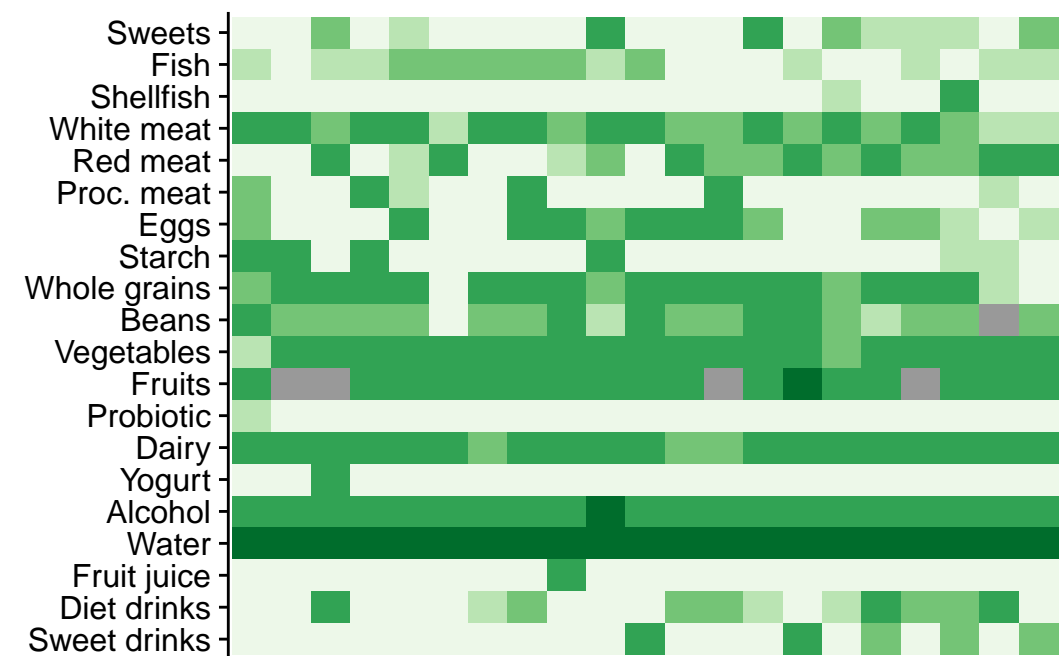
C3017: 45 Male Other Cedars–Sinai | CD L3



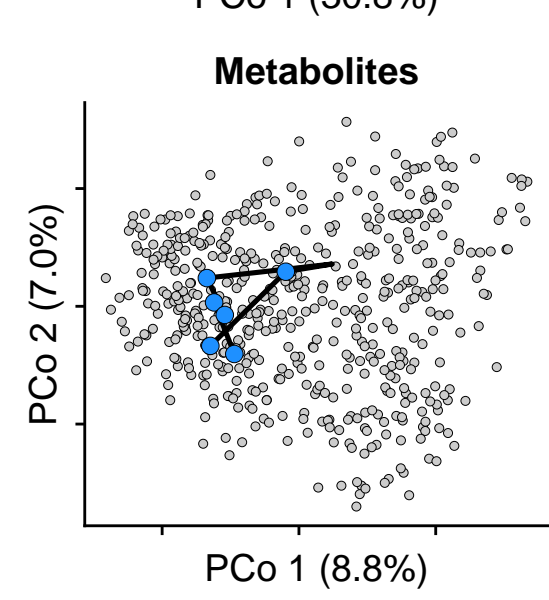
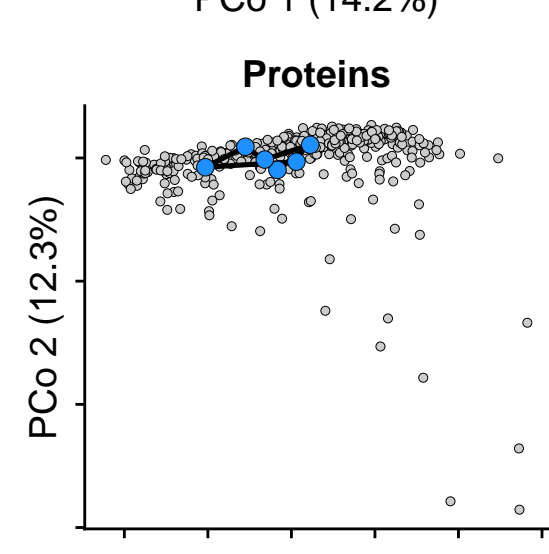
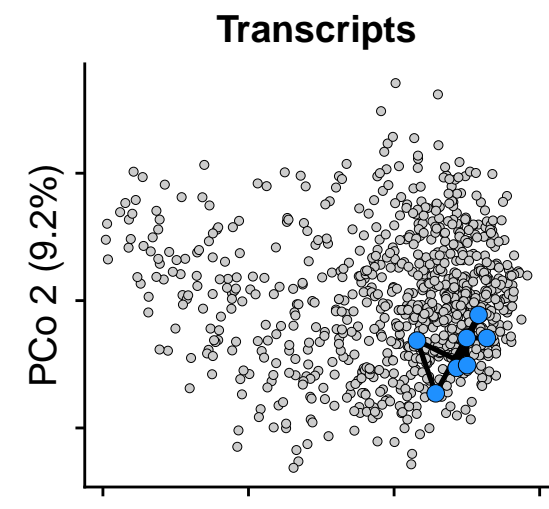
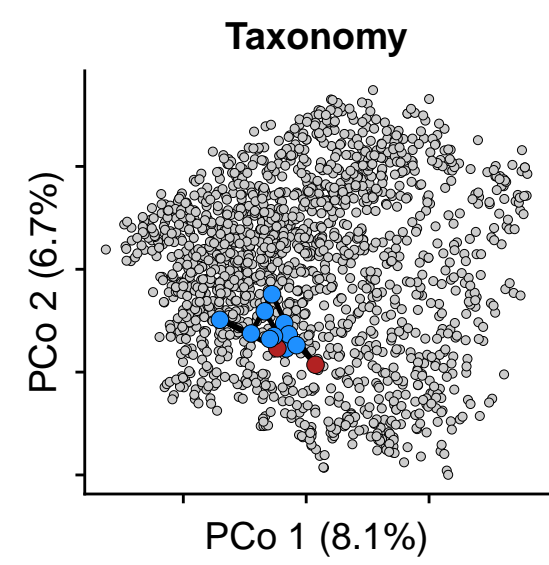
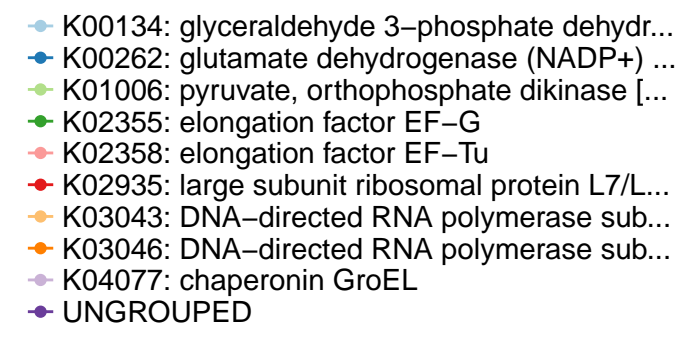
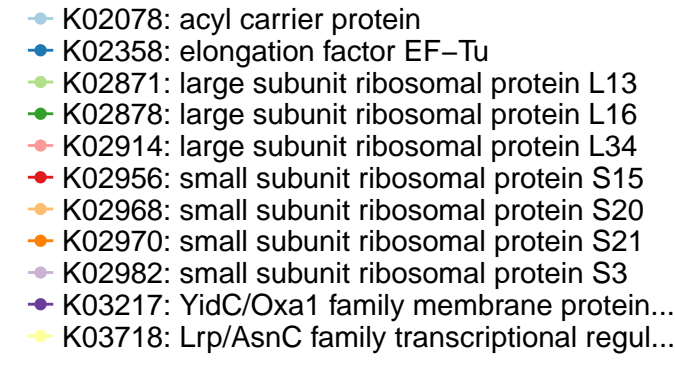
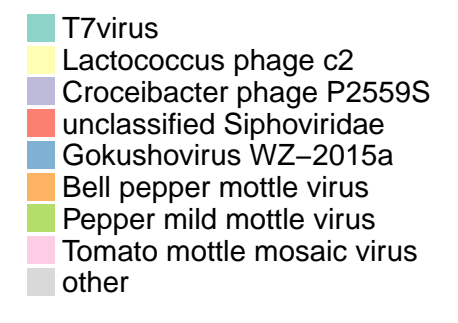
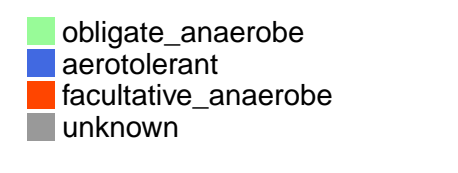
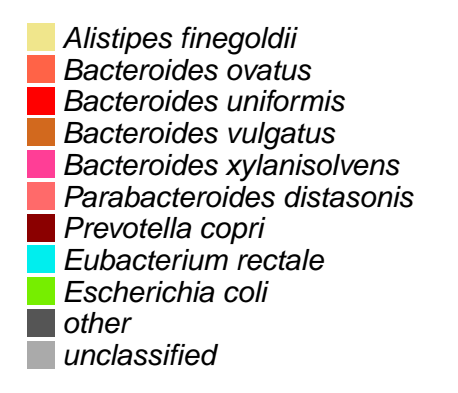
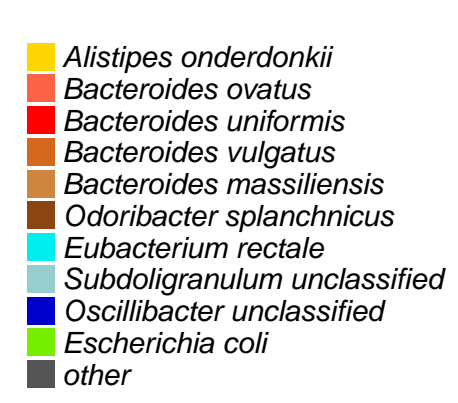
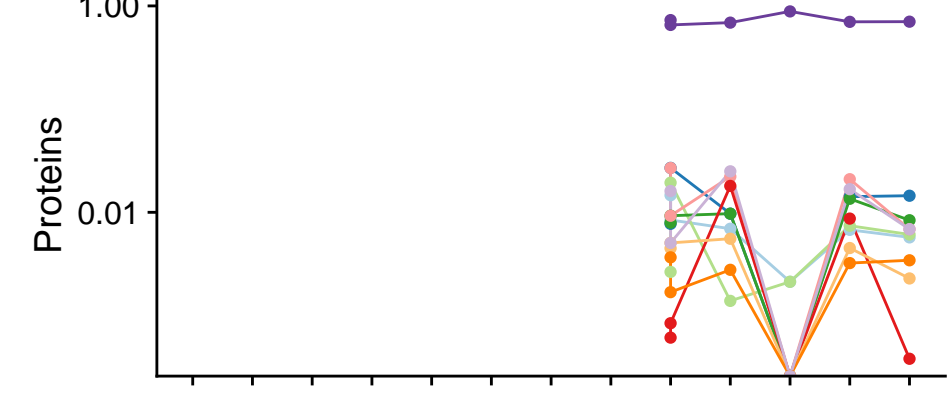
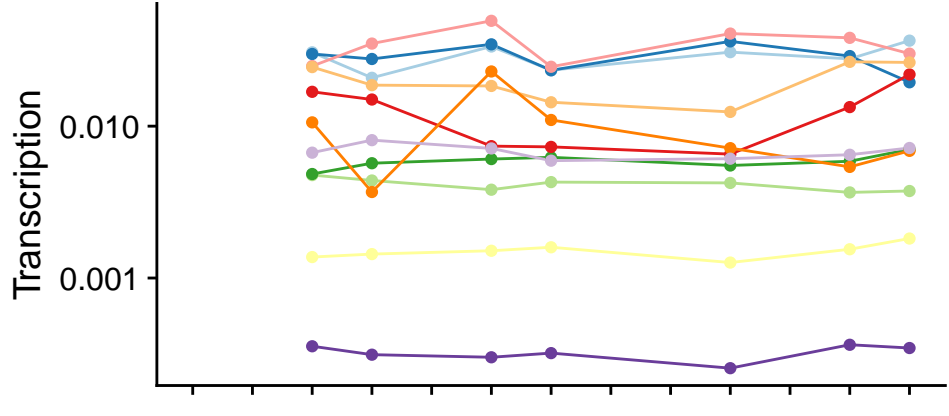
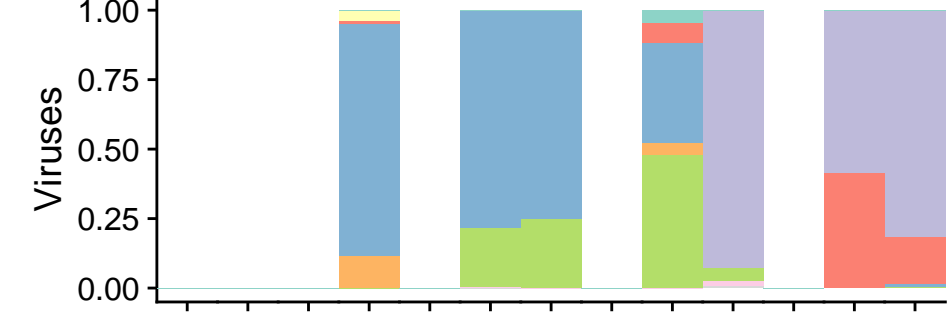
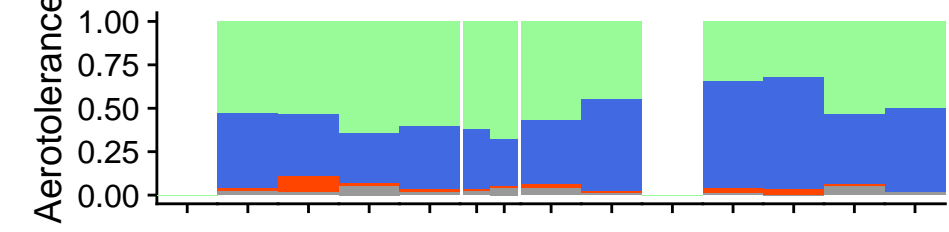
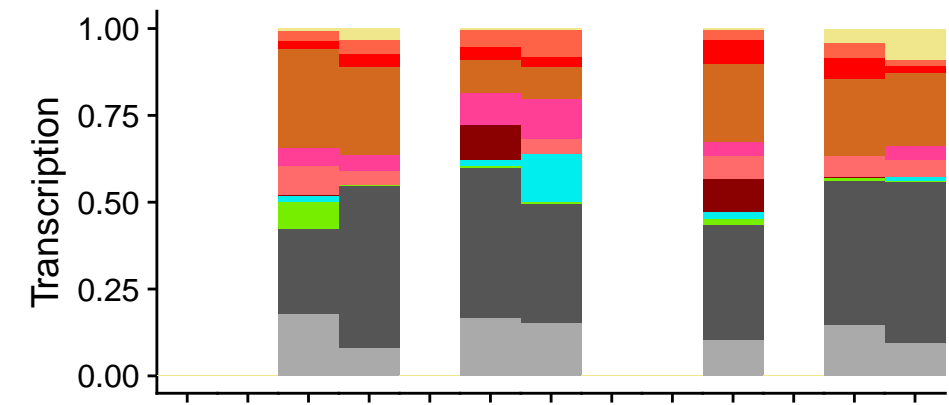
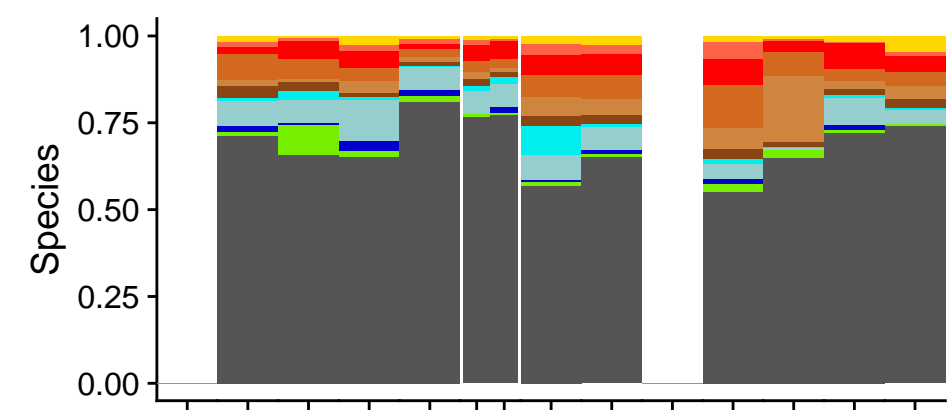
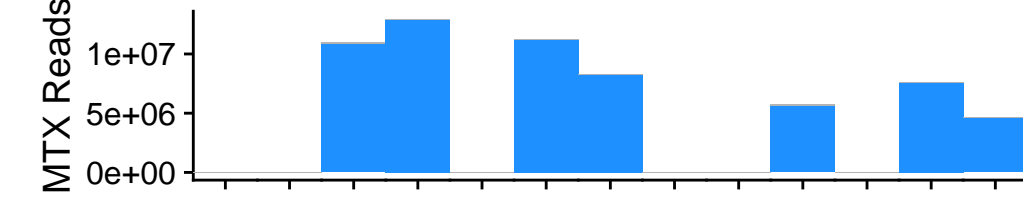
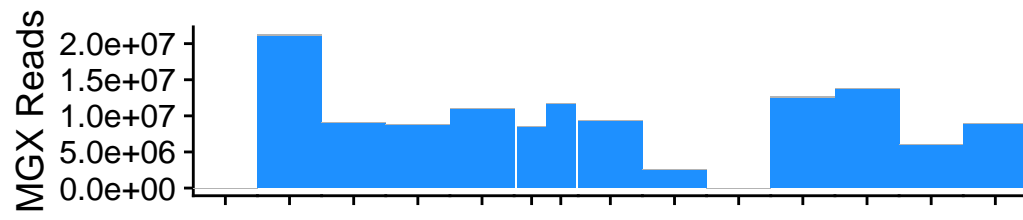
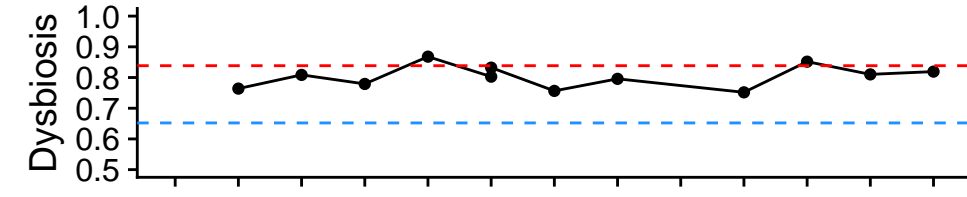
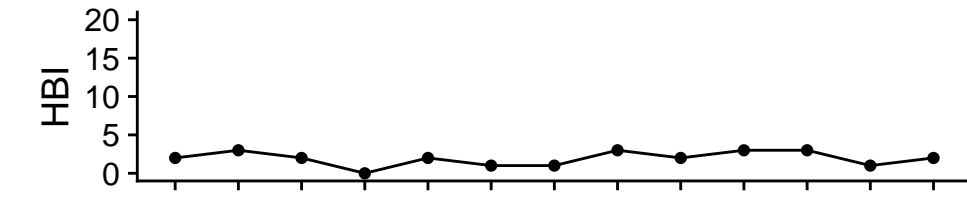
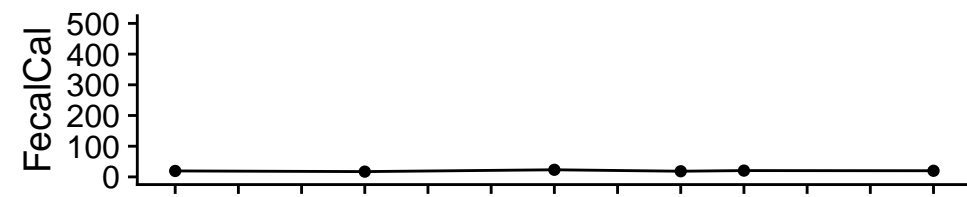
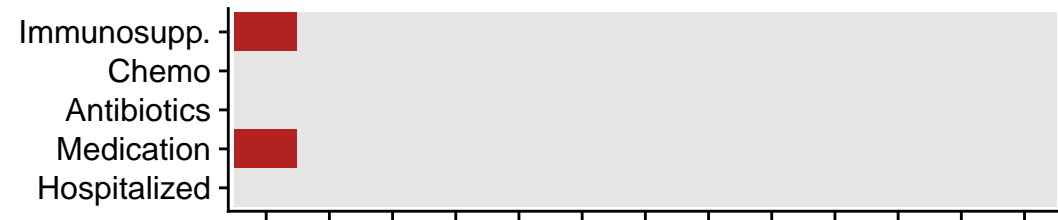
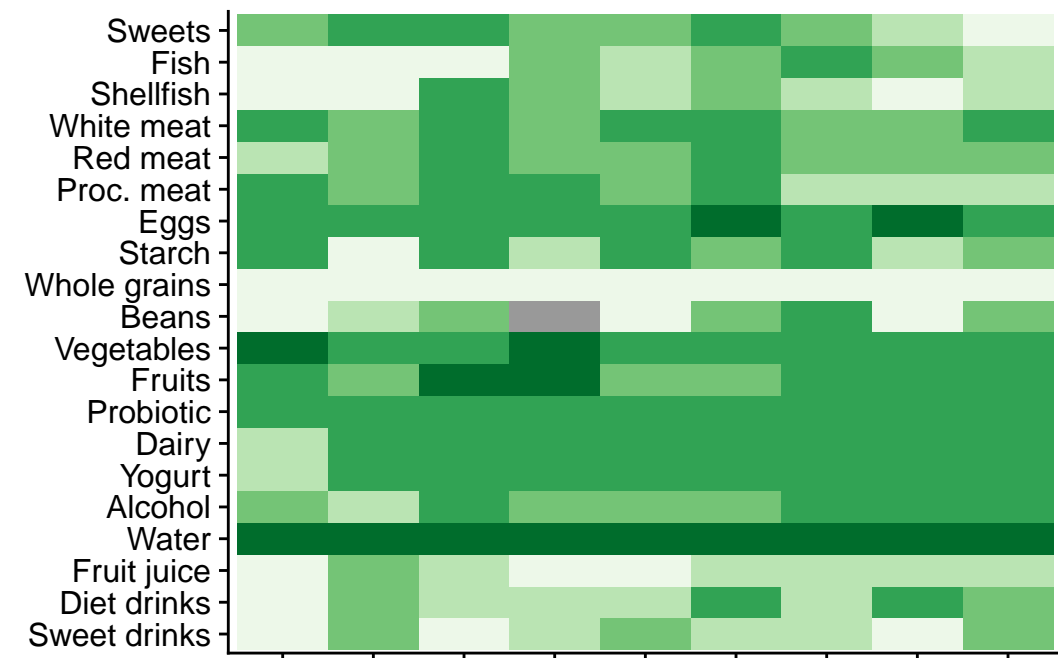
C3021: 38 Female White Cedars–Sinai | CD L2



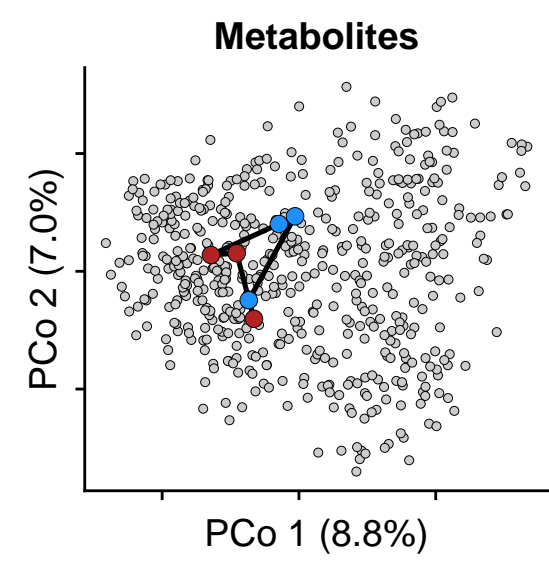
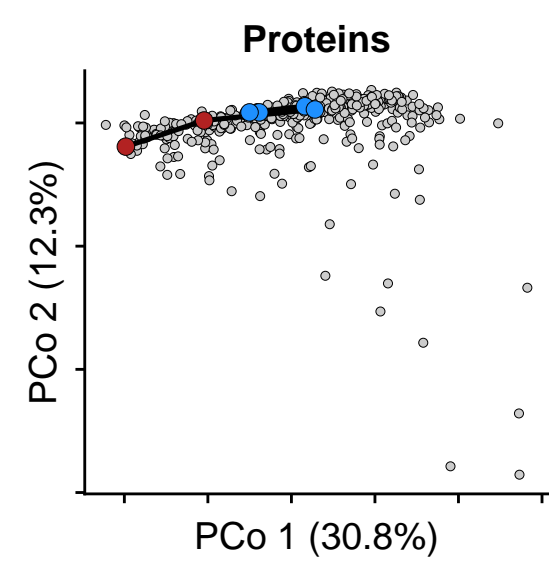
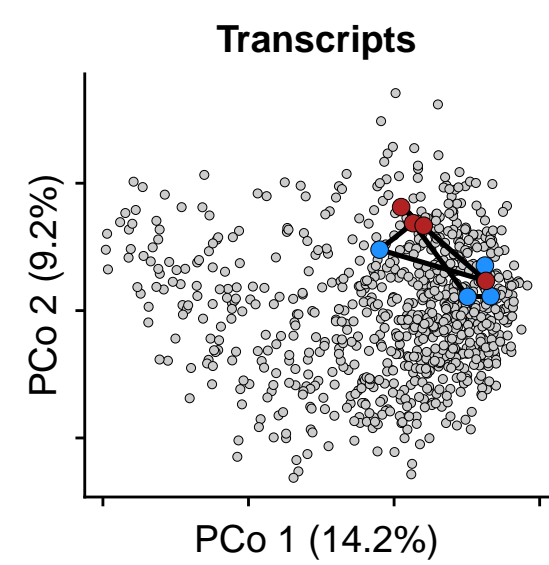
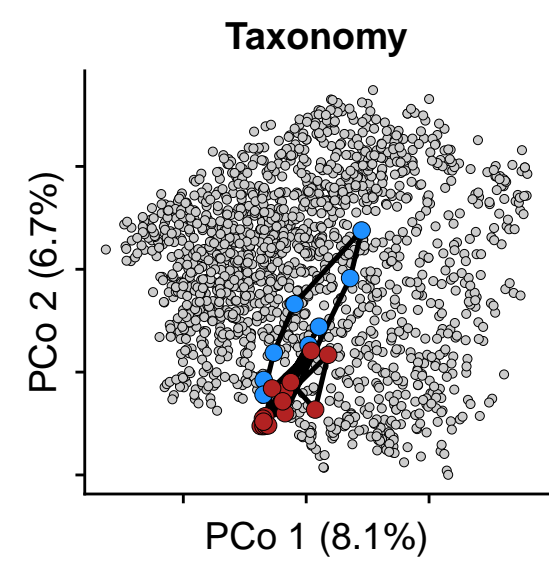
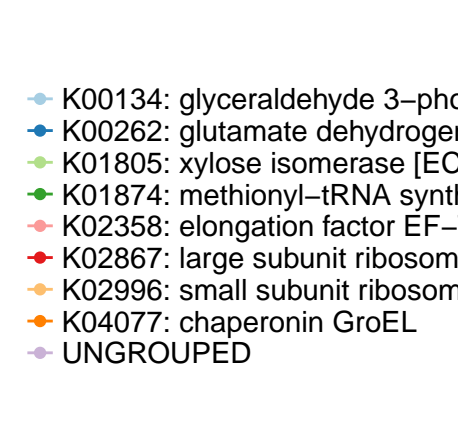
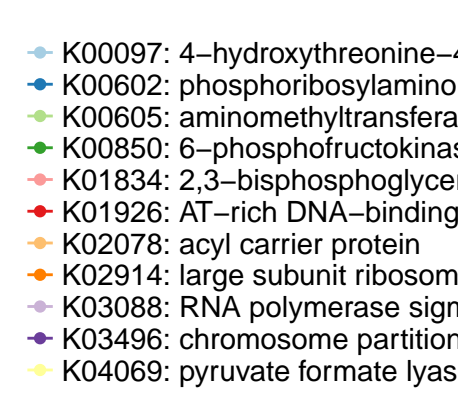
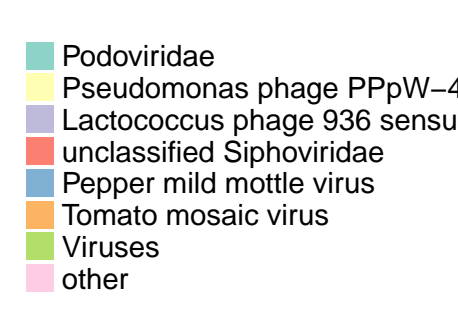
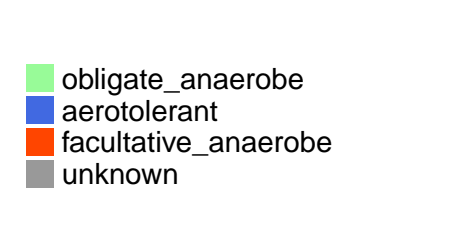
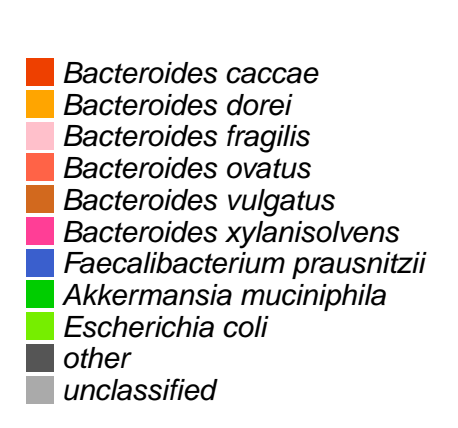
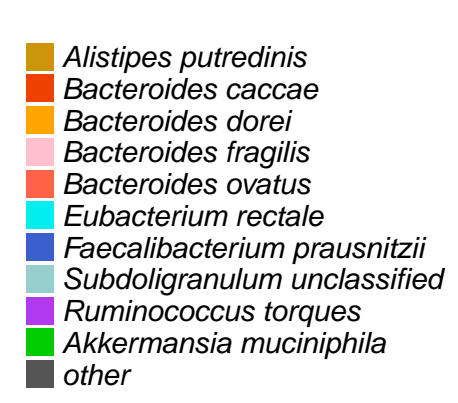
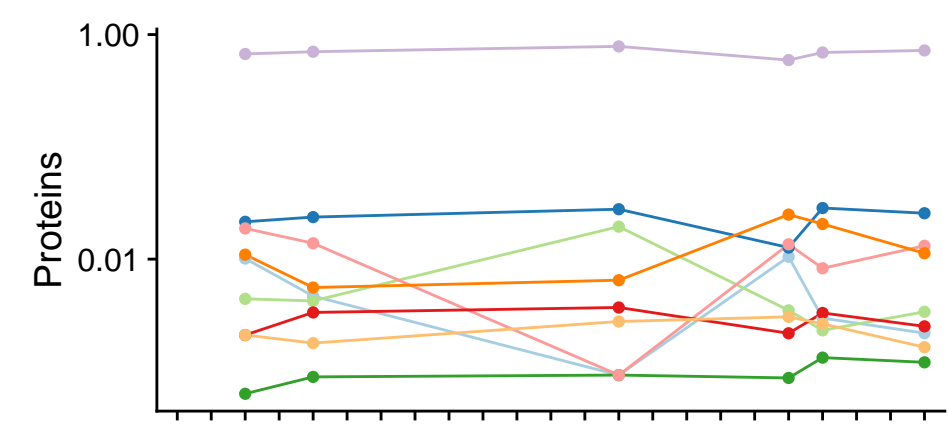
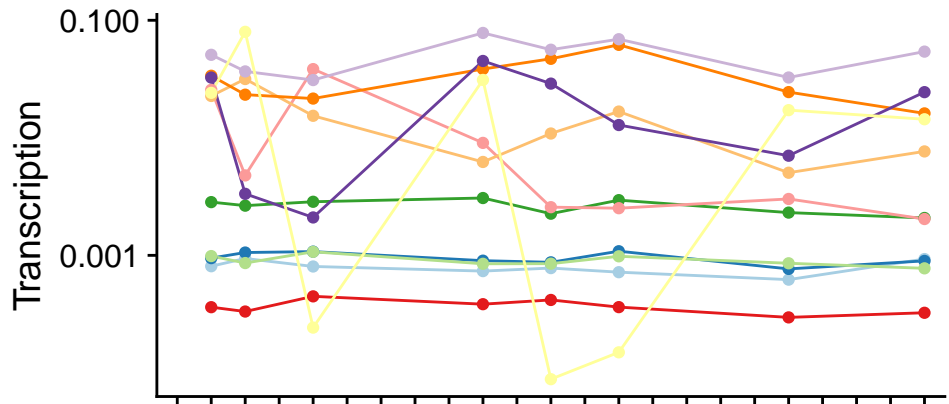
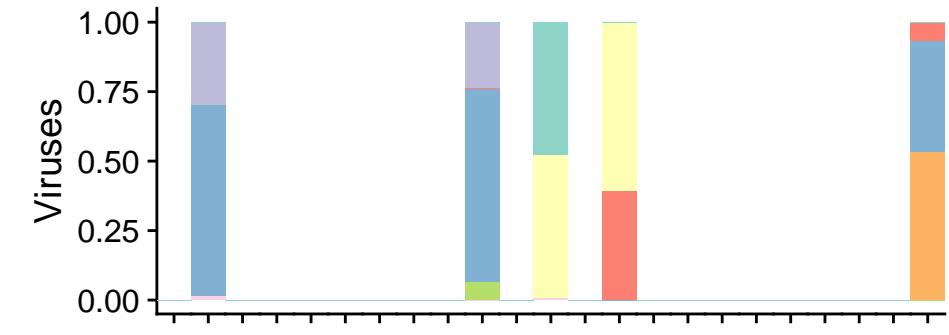
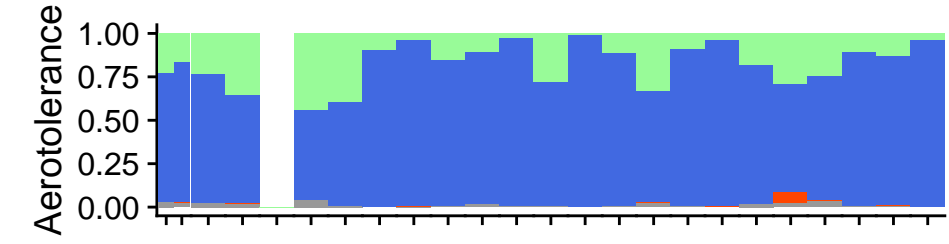
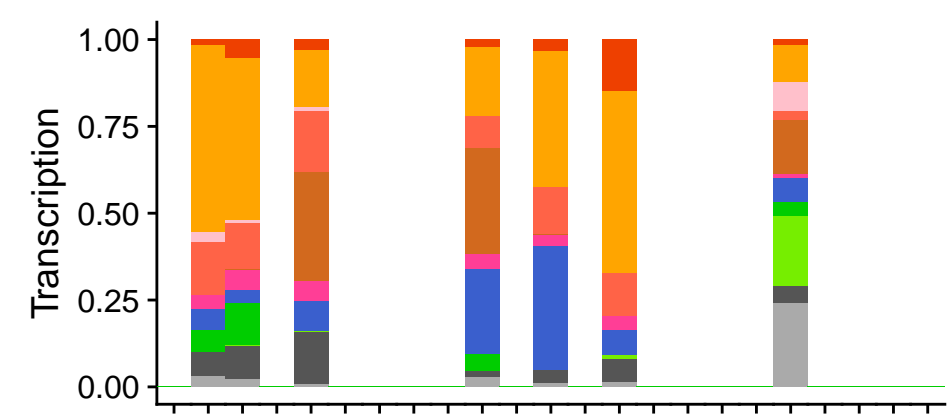
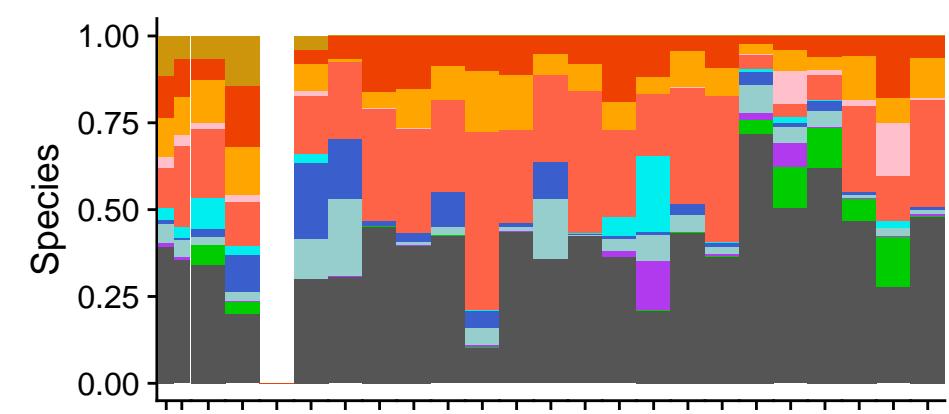
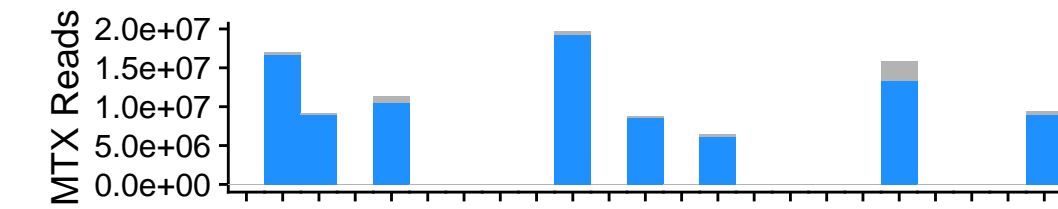
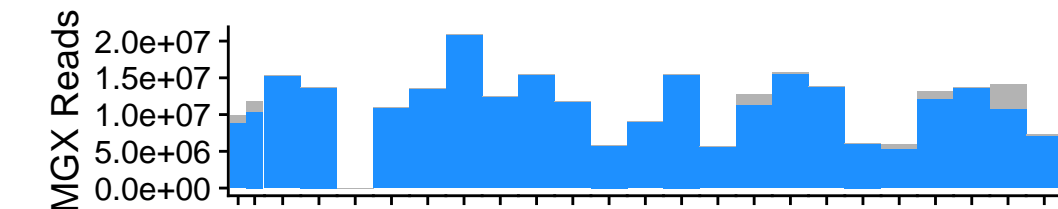
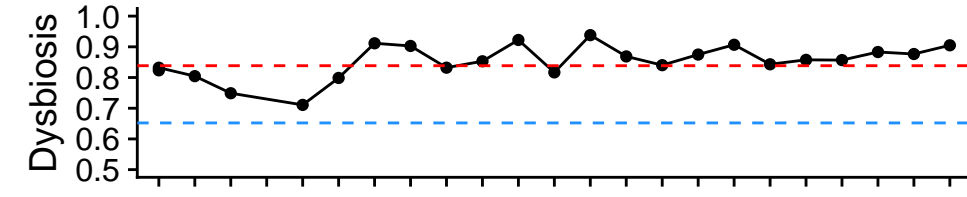
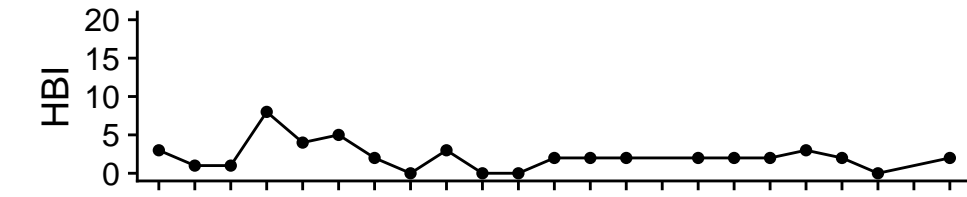
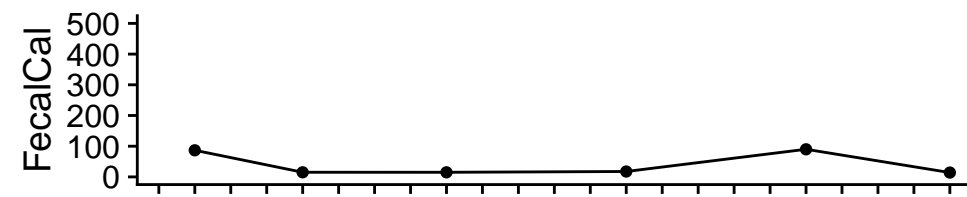
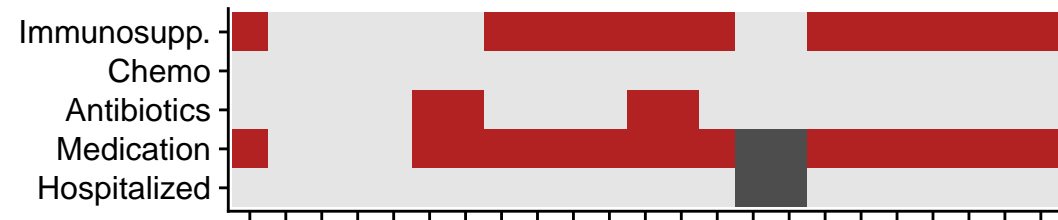
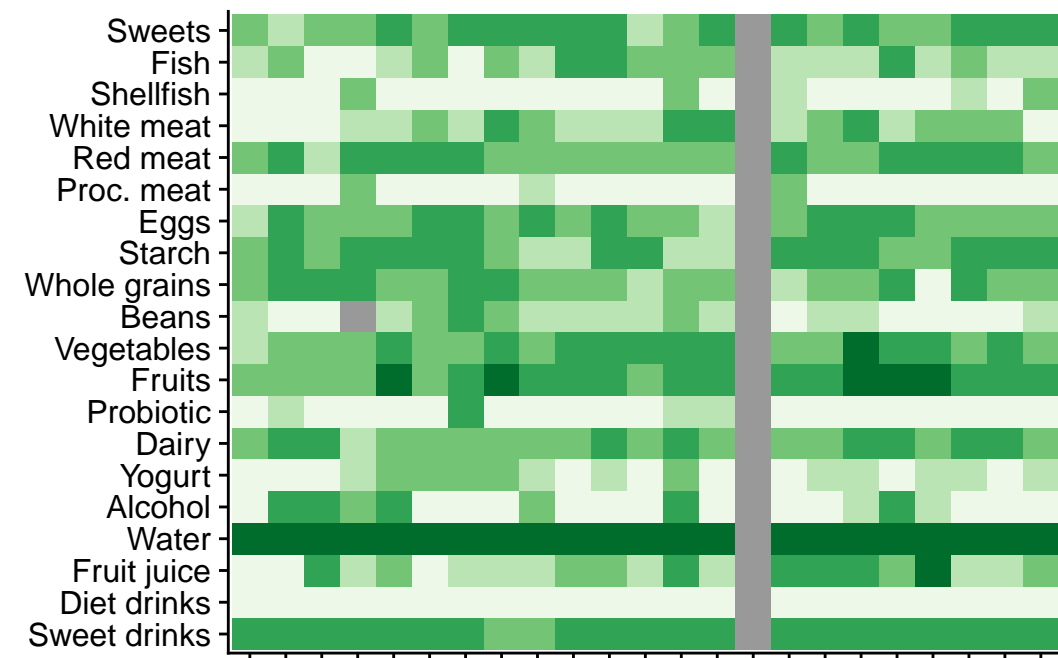
C3022: 69 Male White Cedars–Sinai | nonIBD



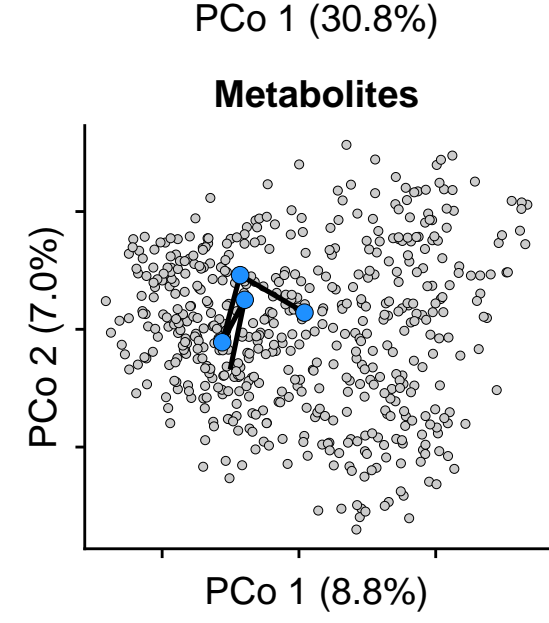
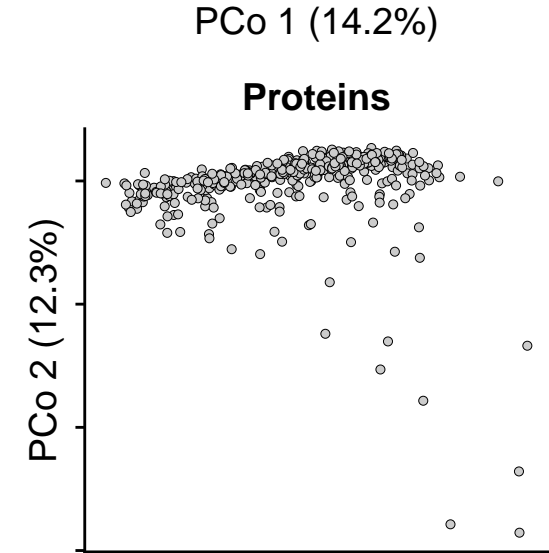
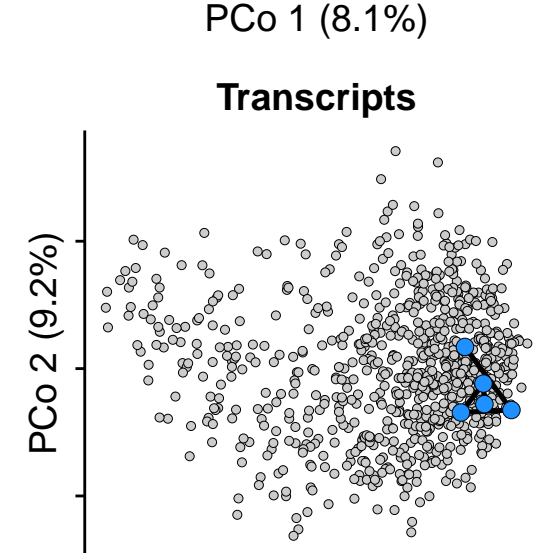
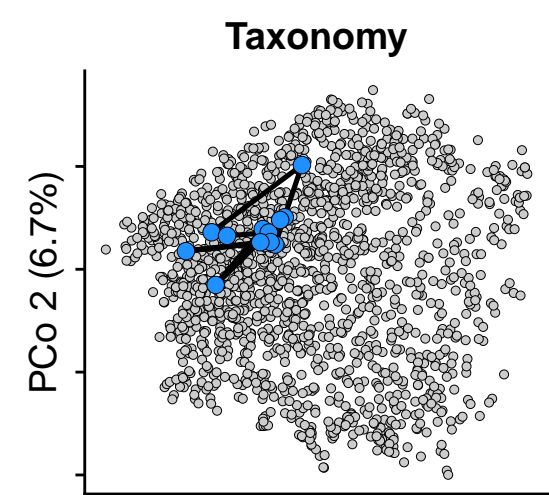
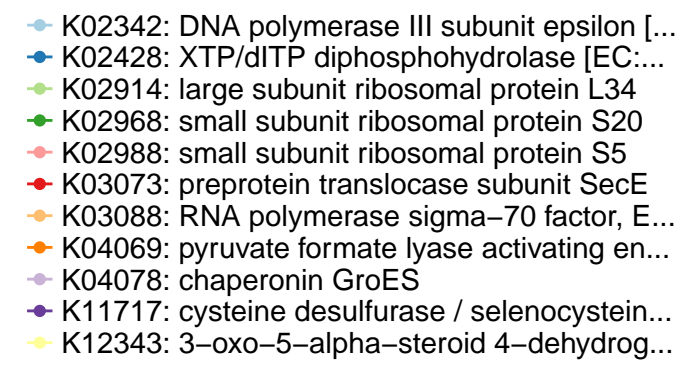
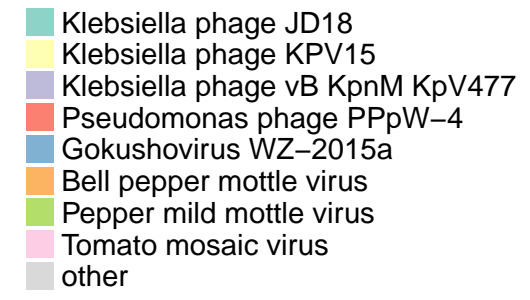
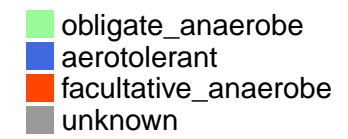
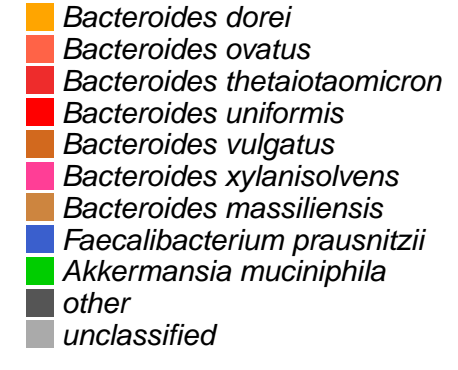
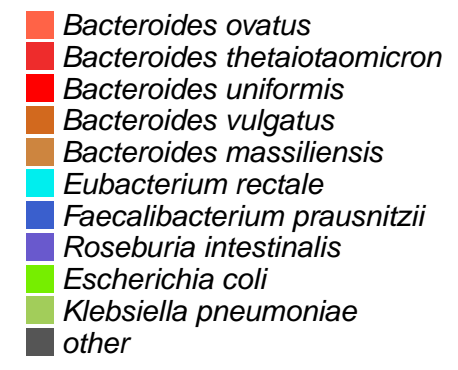
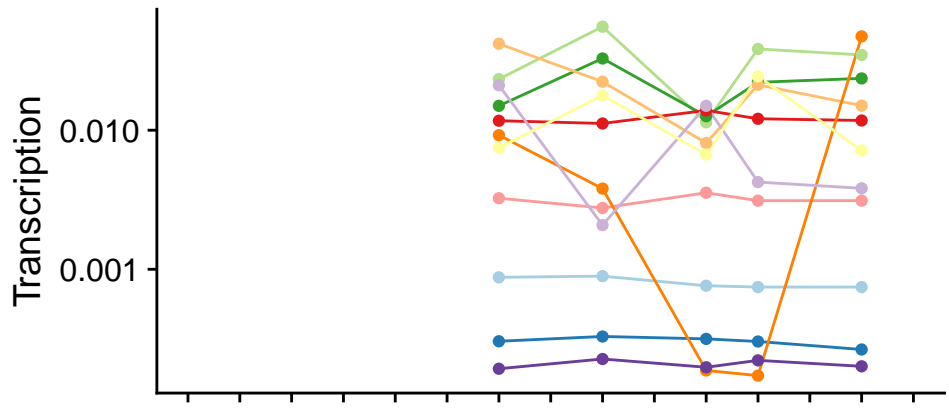
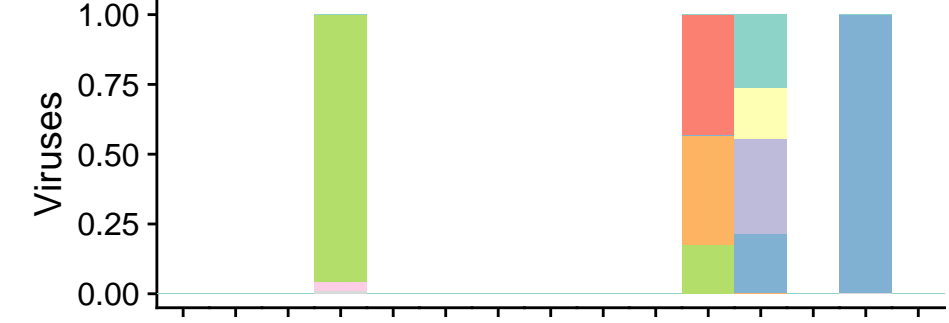
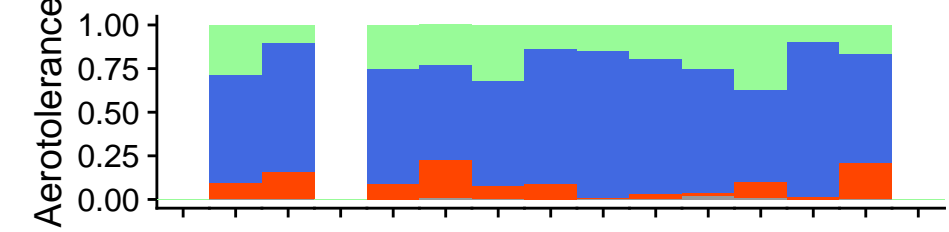
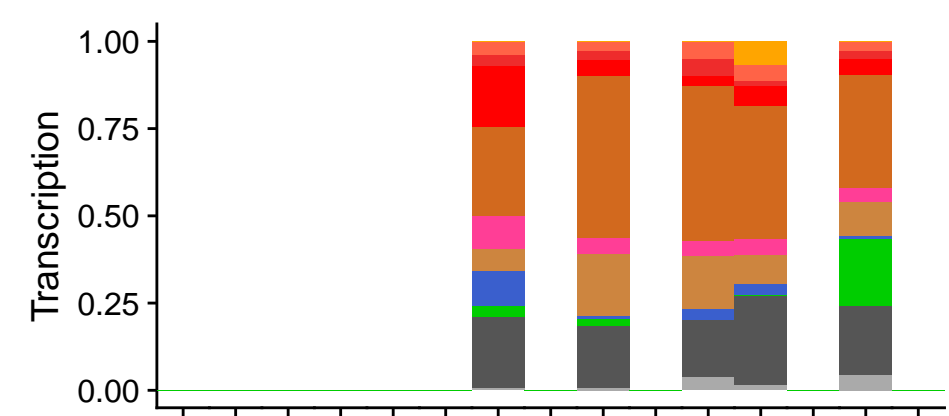
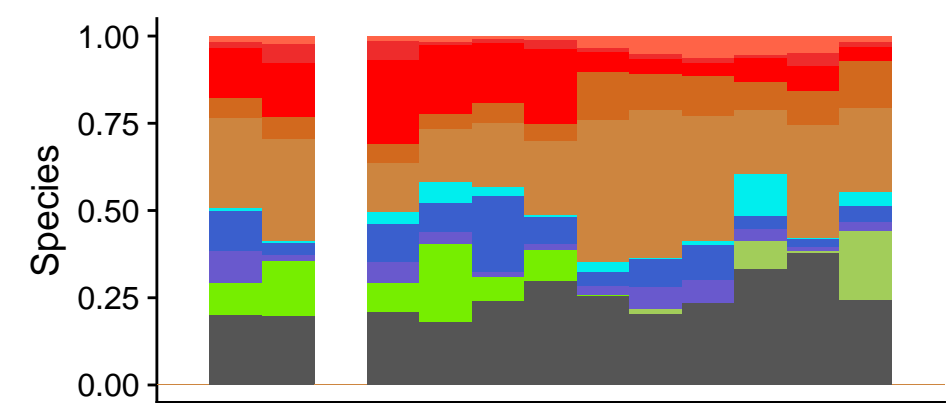
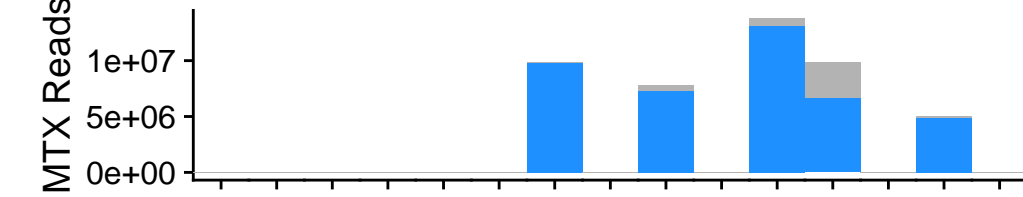
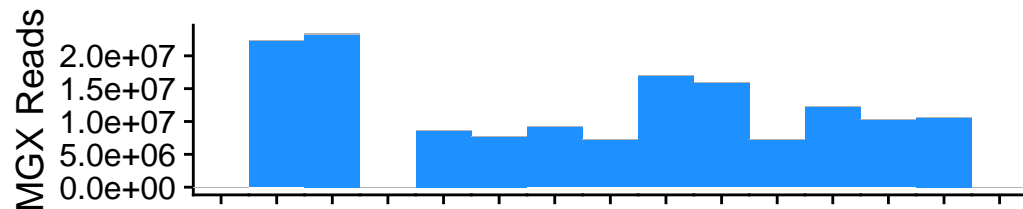
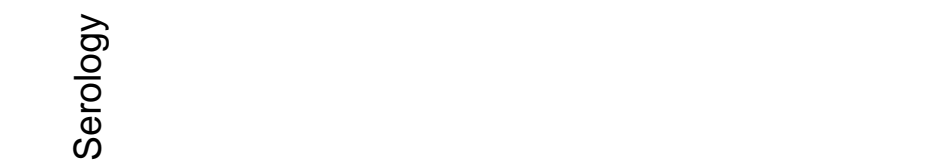
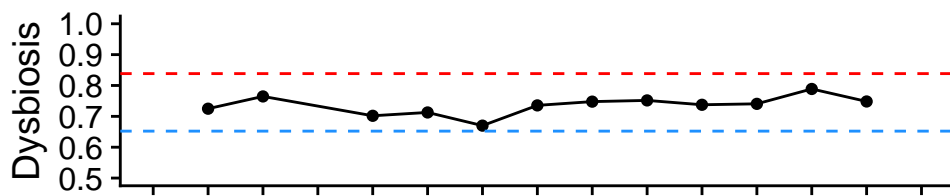
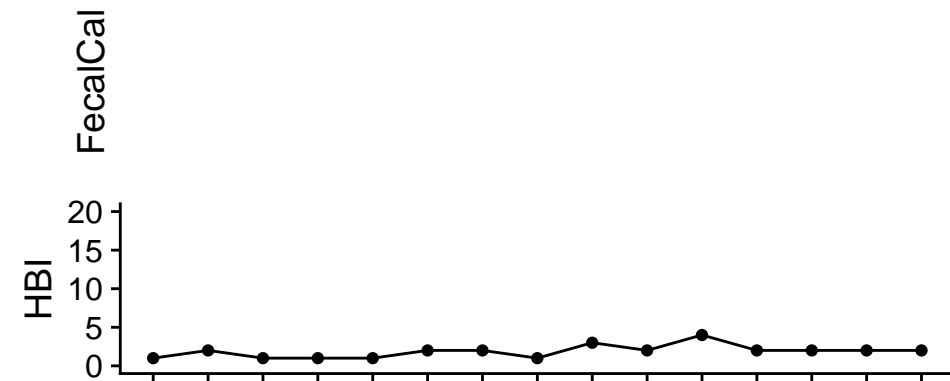
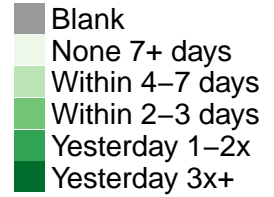
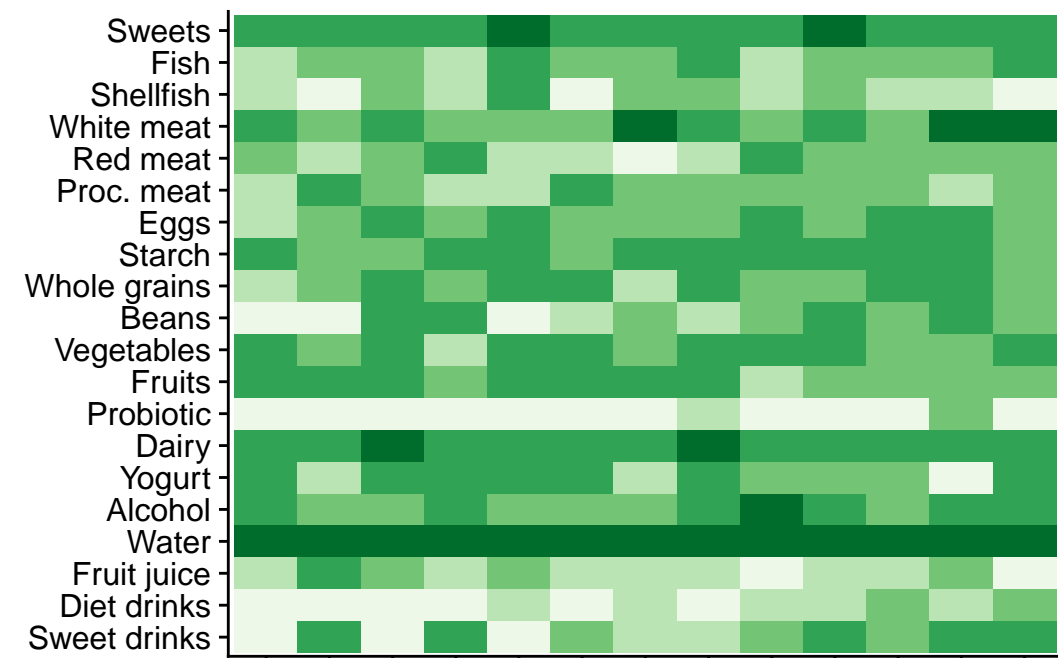
C3023: 60 Male White Cedars–Sinai | CD L3



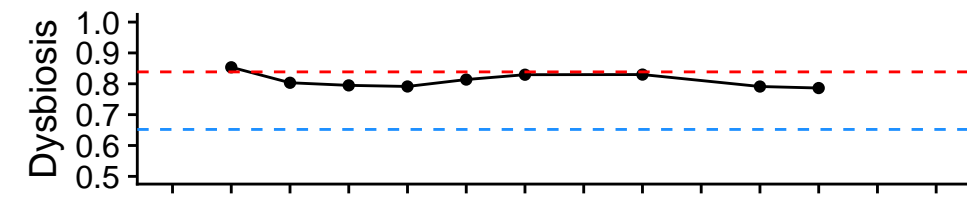
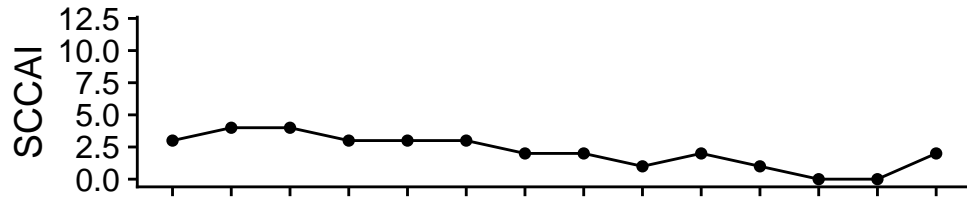
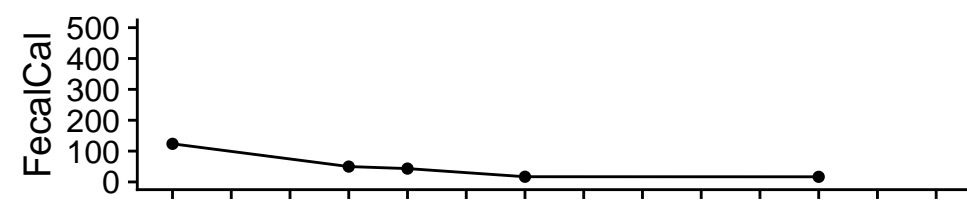
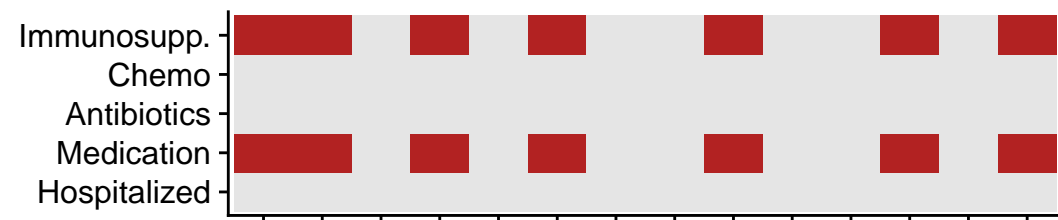
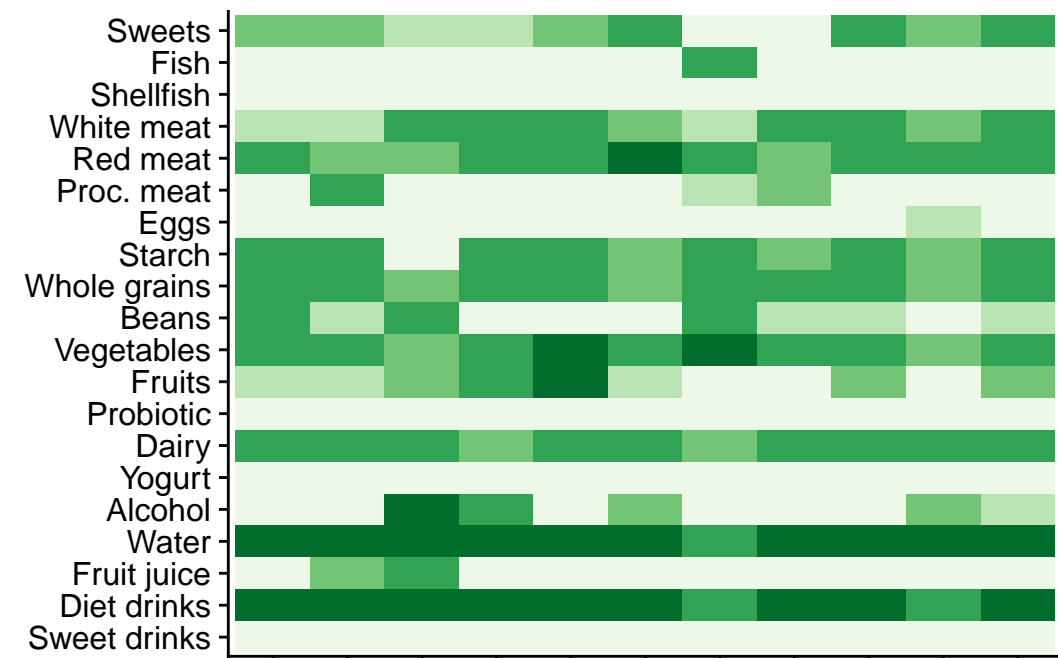
C3027: 36 Female White Cedars–Sinai | CD



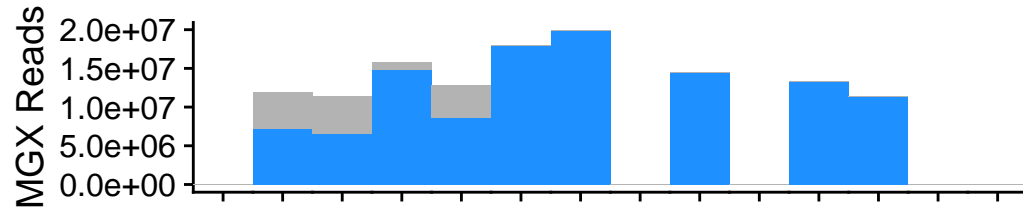
C3028: 33 Male White Cedars-Sinai | CD



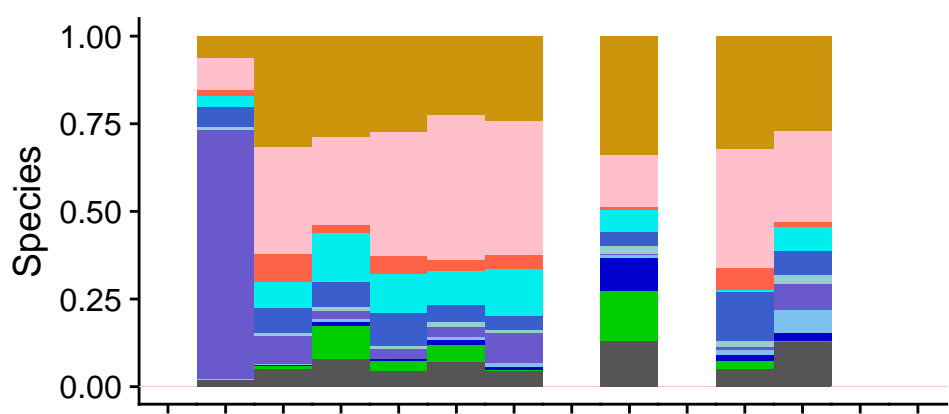
C3029: 32 Male White Cedars–Sinai | UC



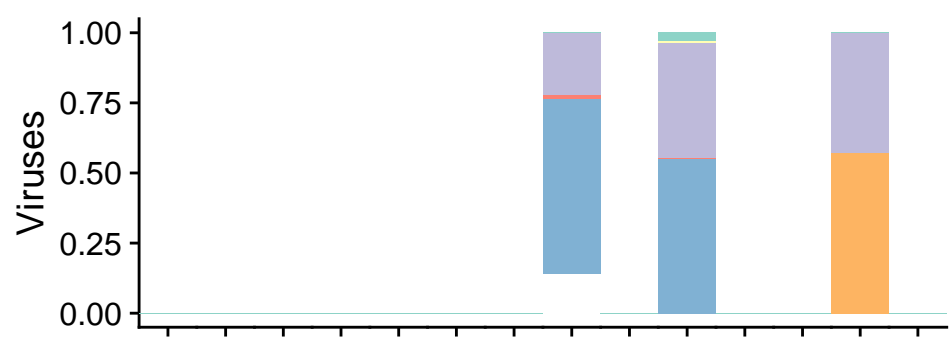
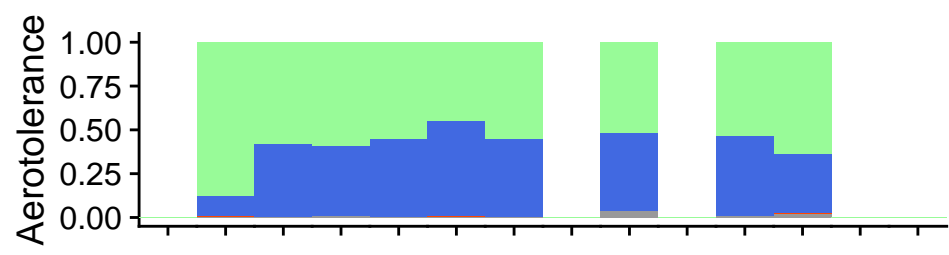
Serology



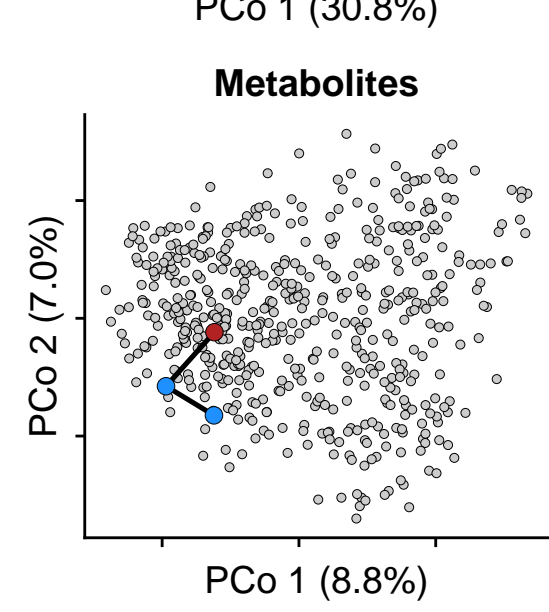
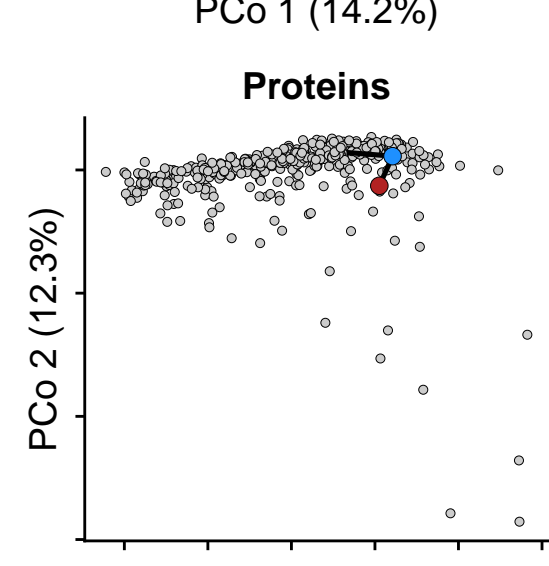
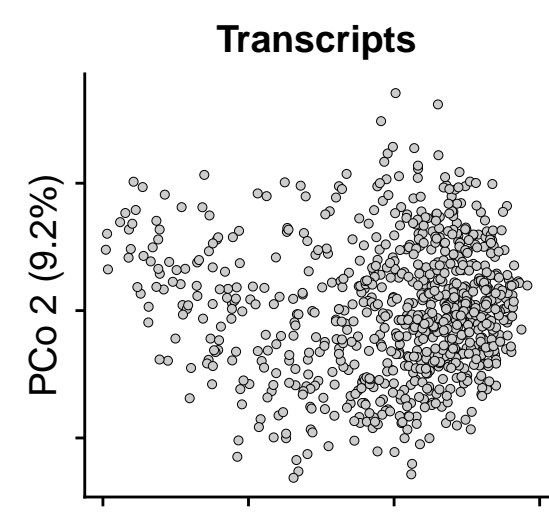
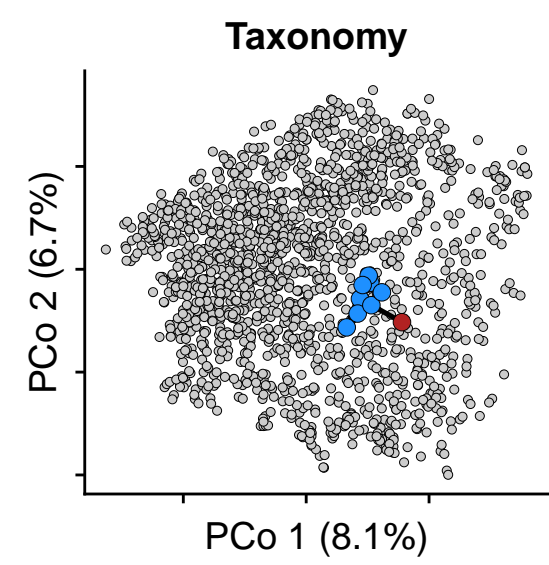
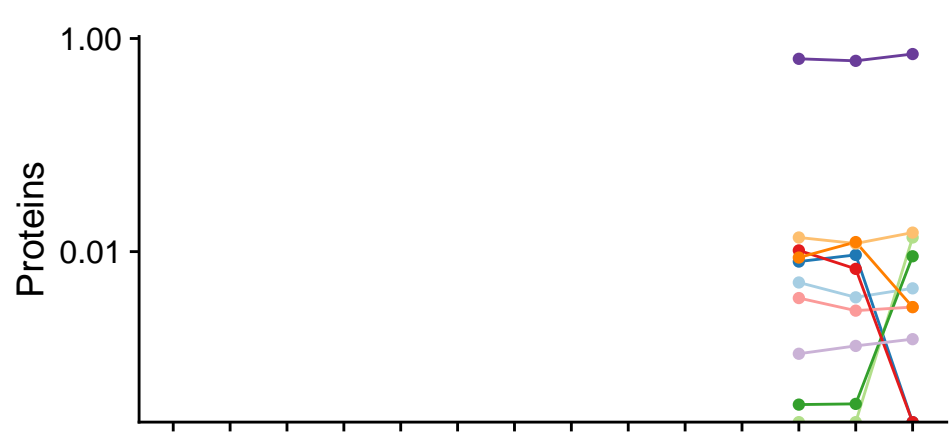
MTX Reads



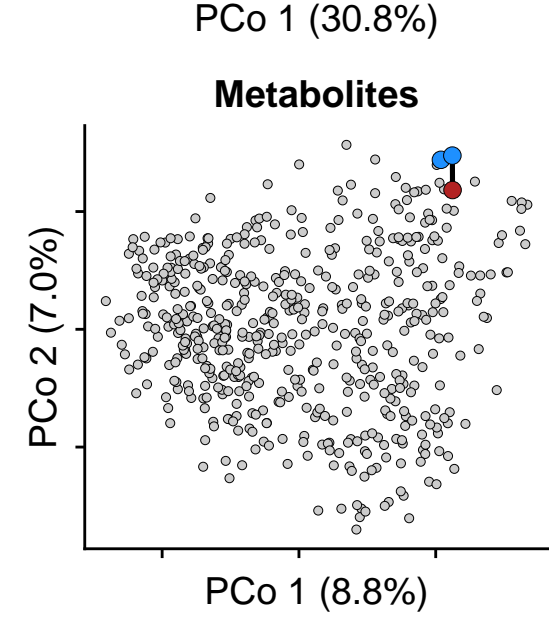
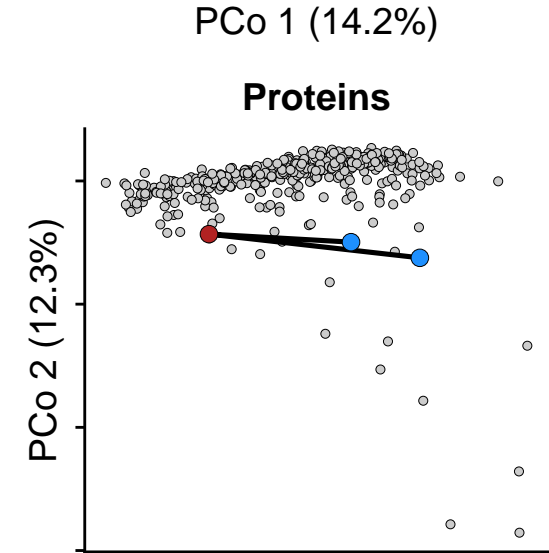
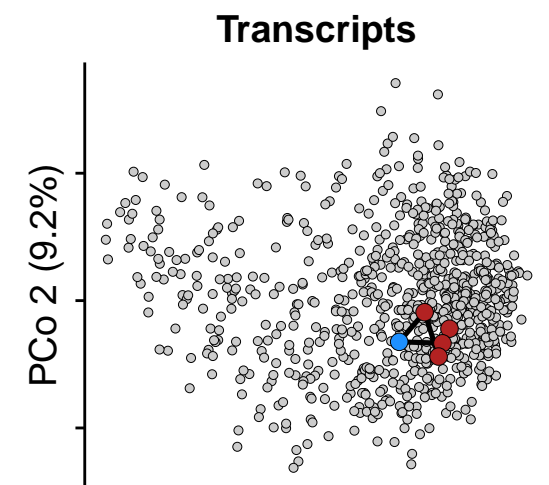
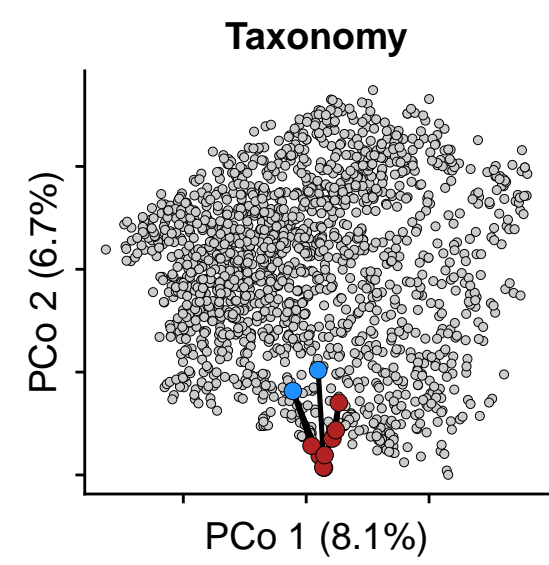
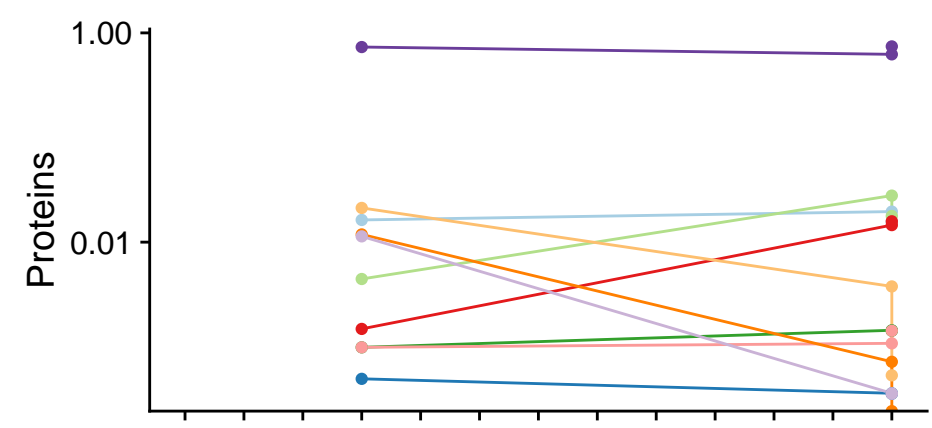
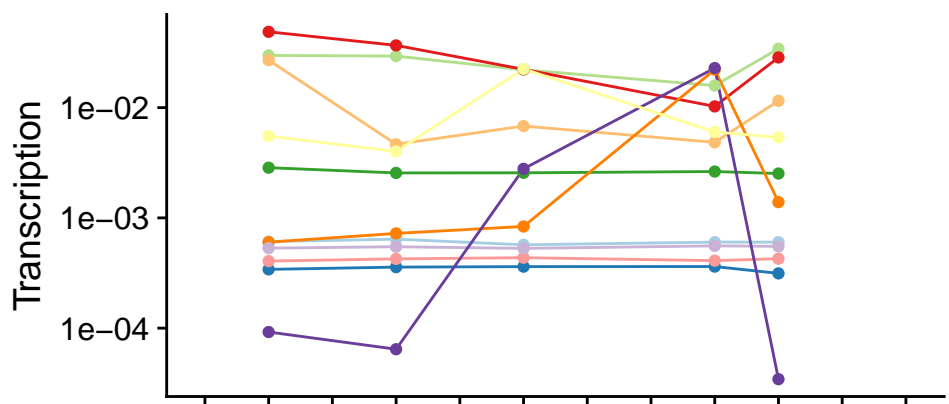
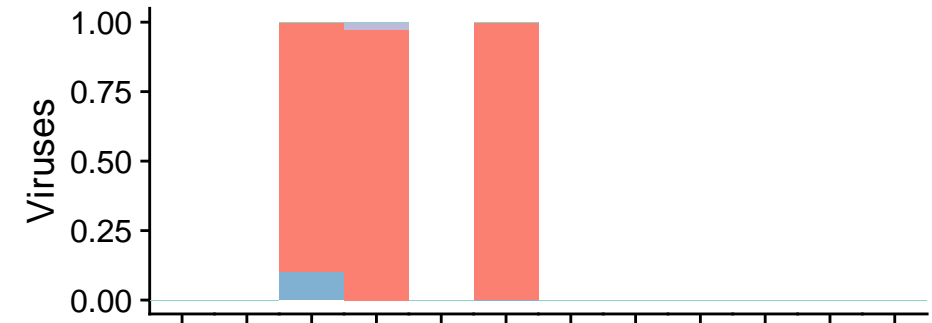
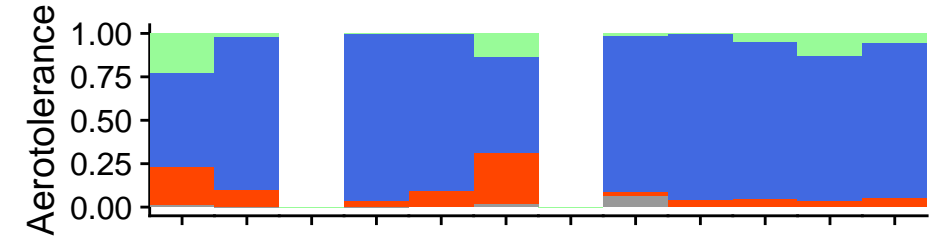
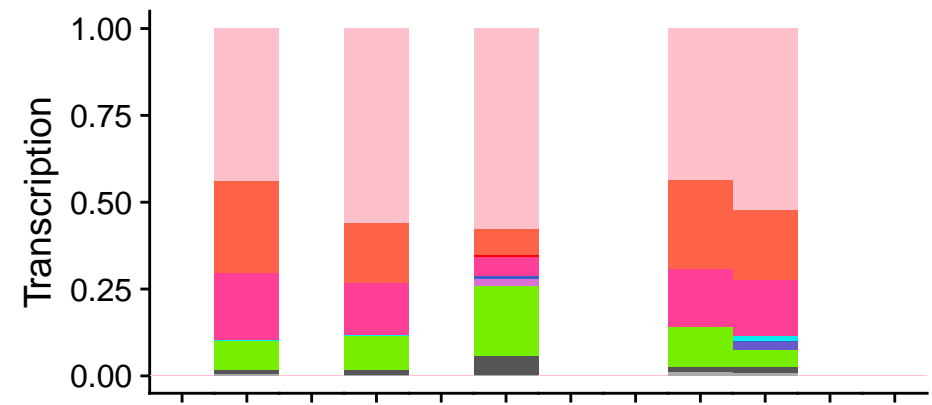
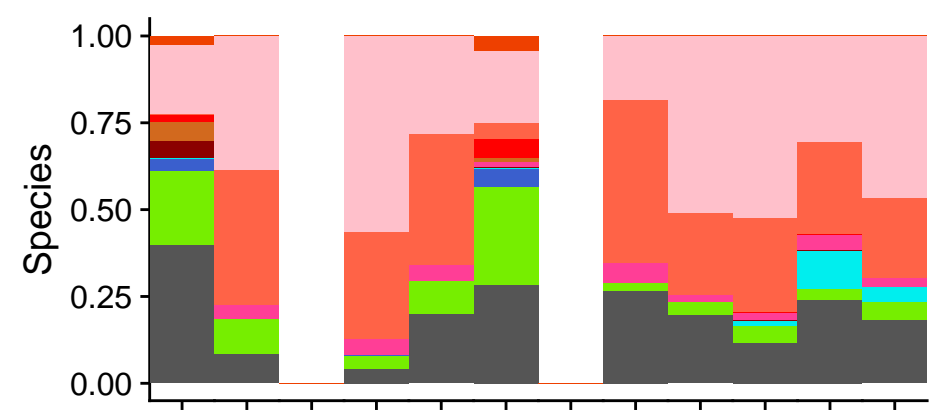
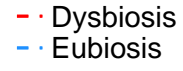
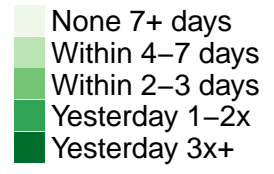
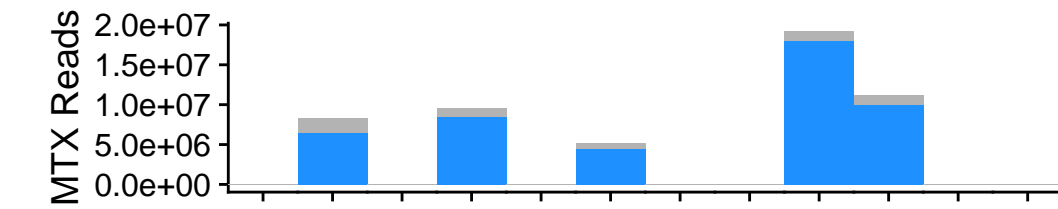
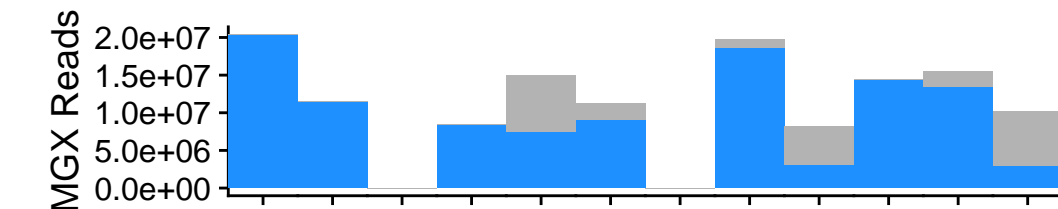
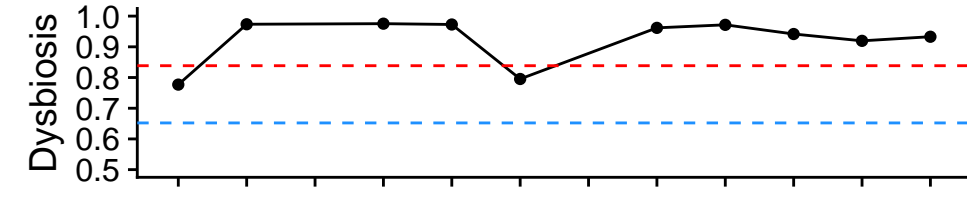
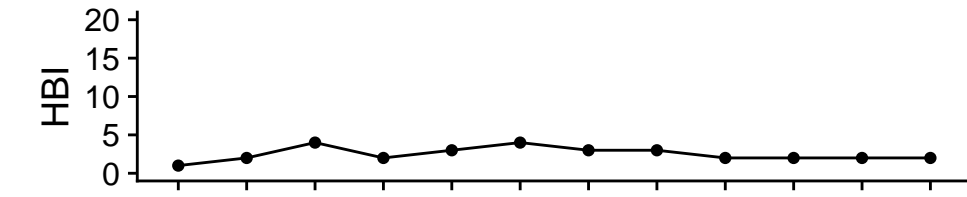
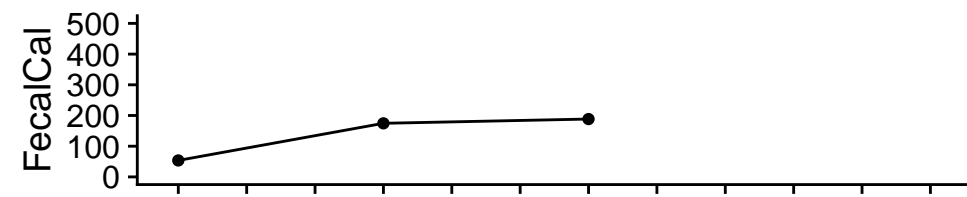
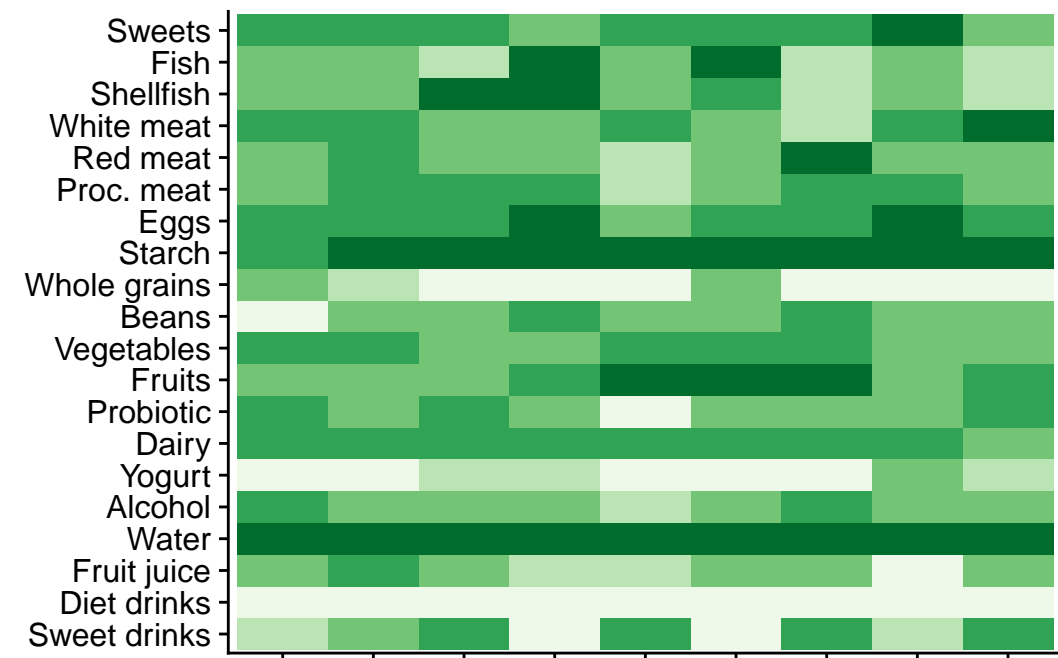
Transcription



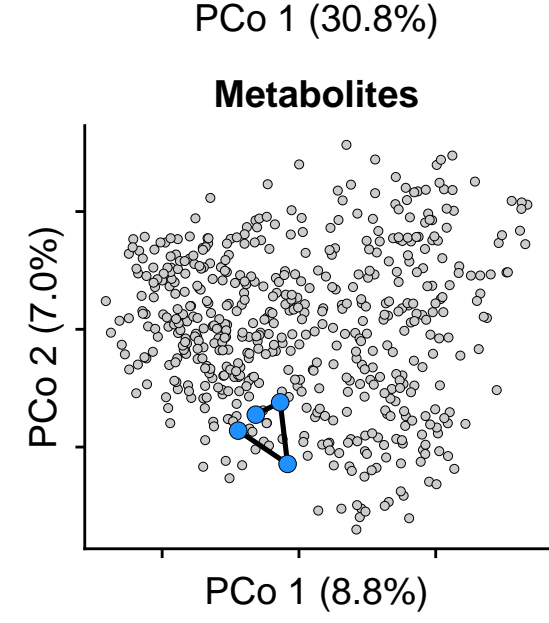
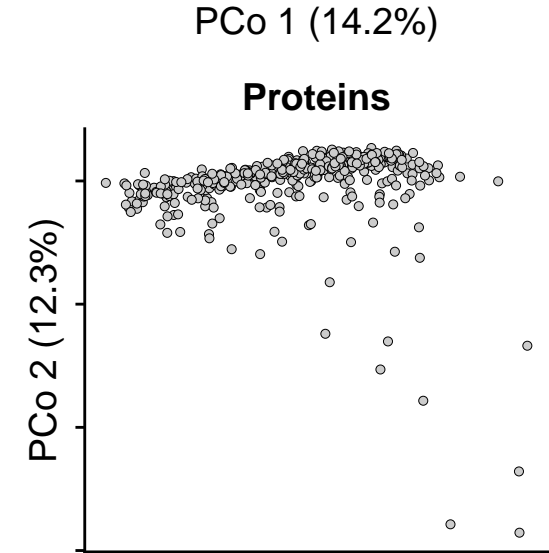
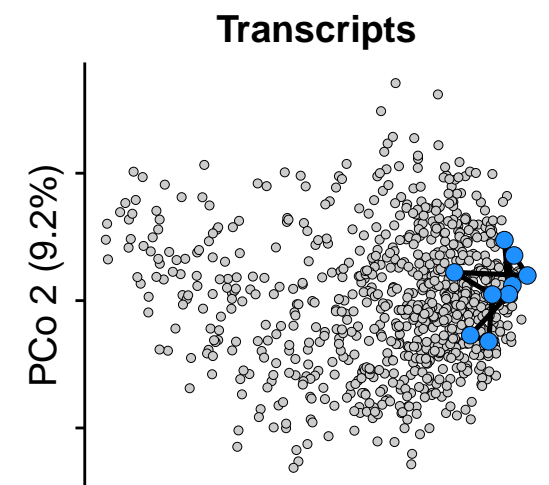
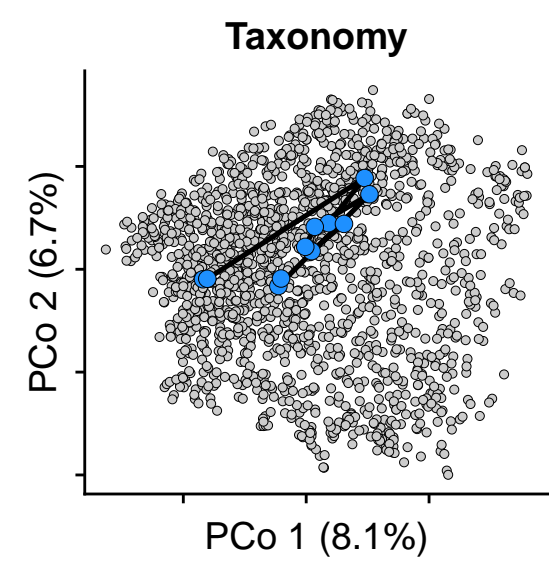
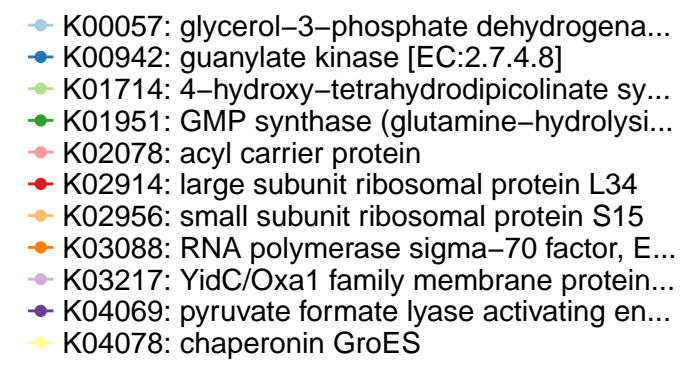
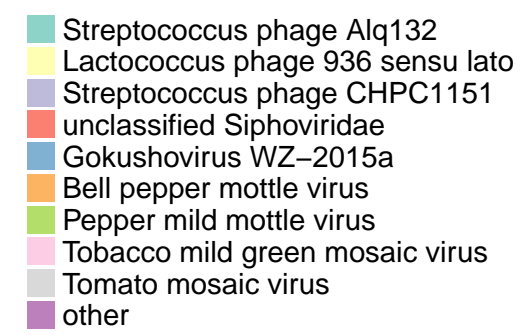
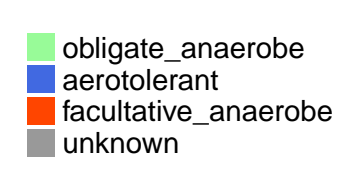
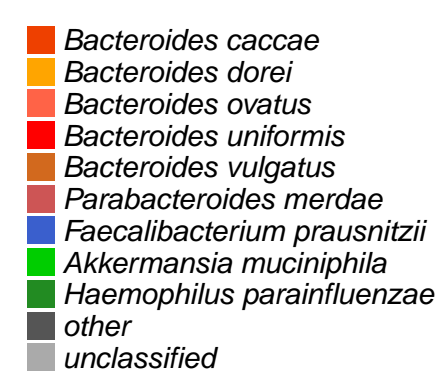
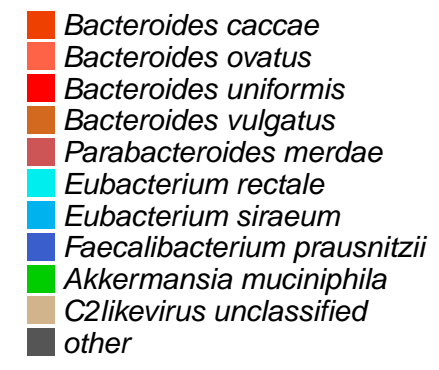
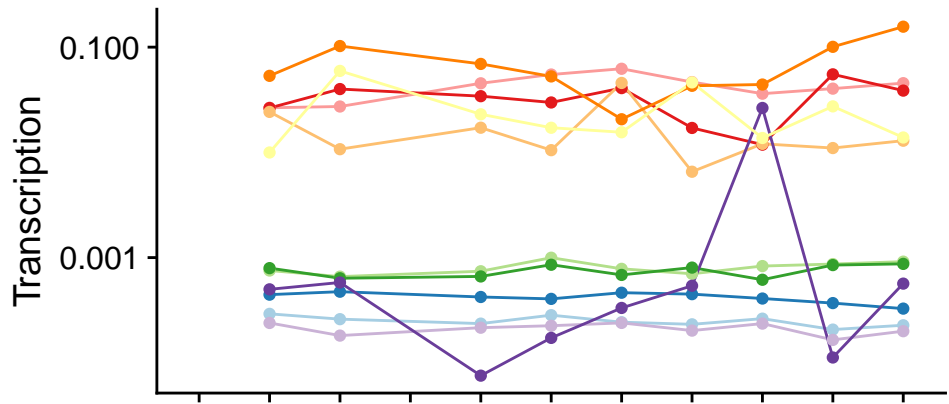
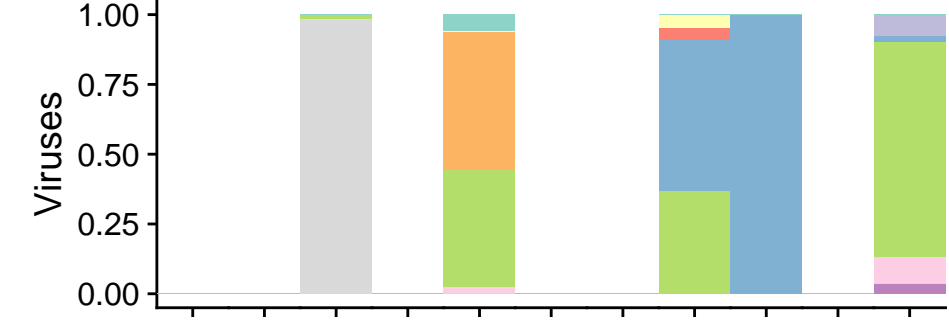
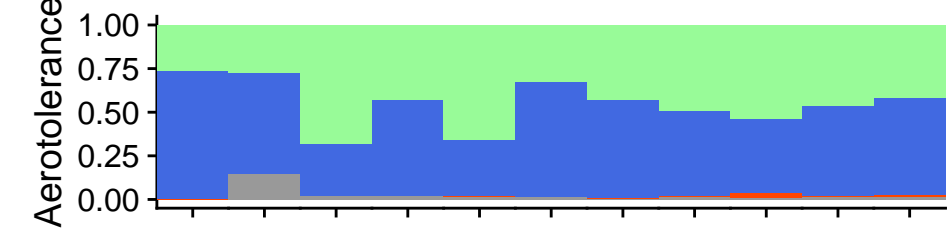
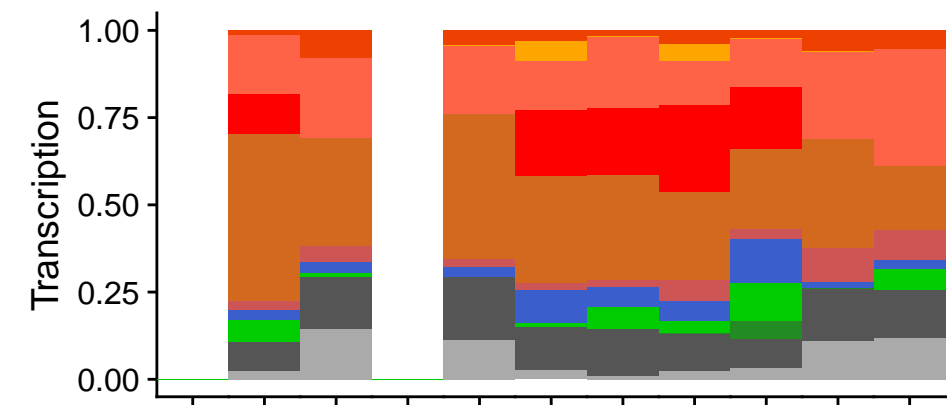
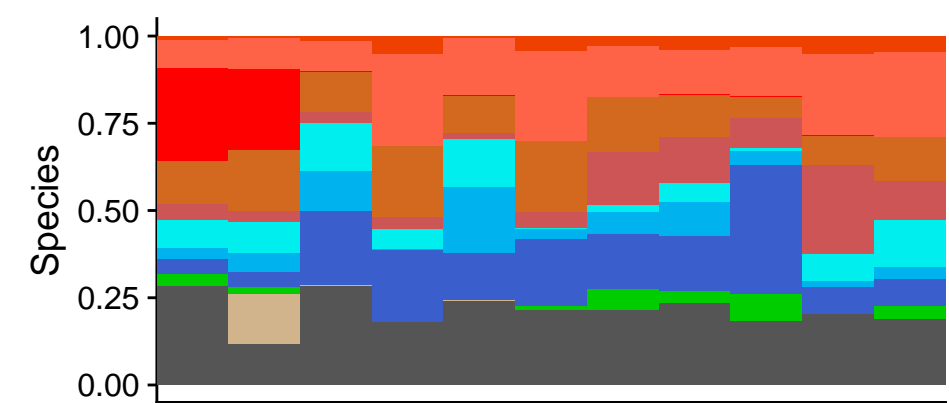
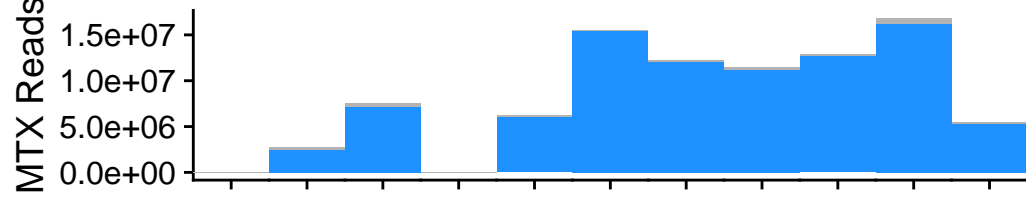
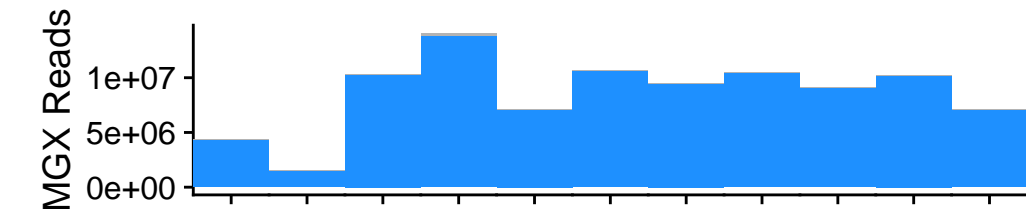
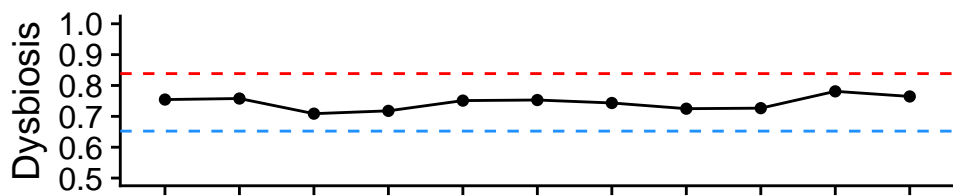
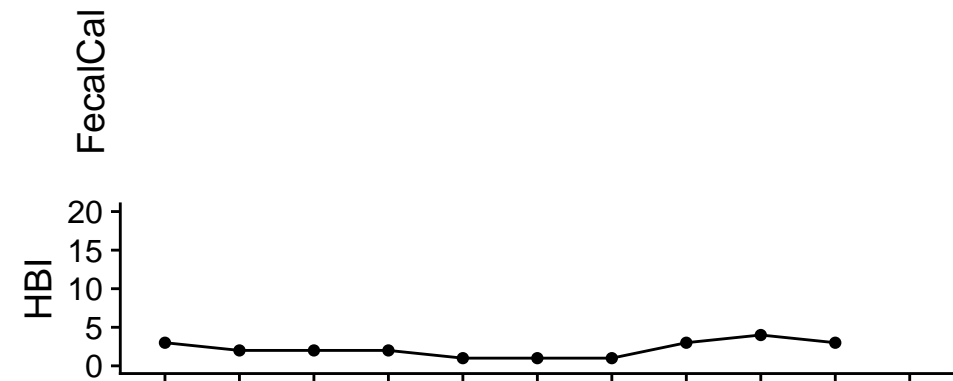
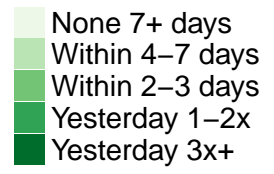
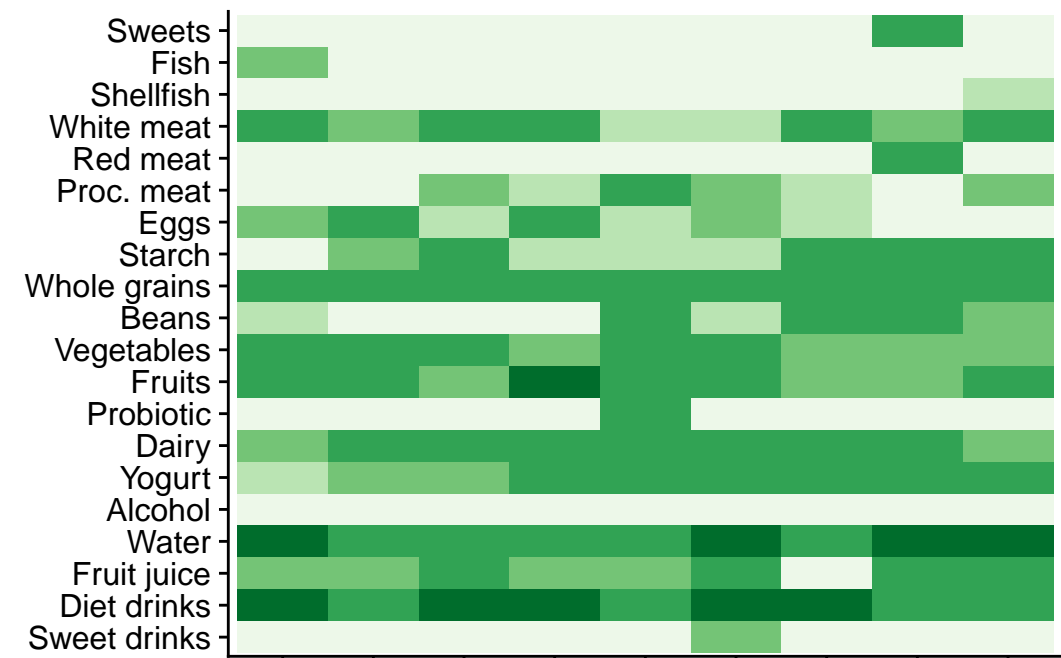
Transcription



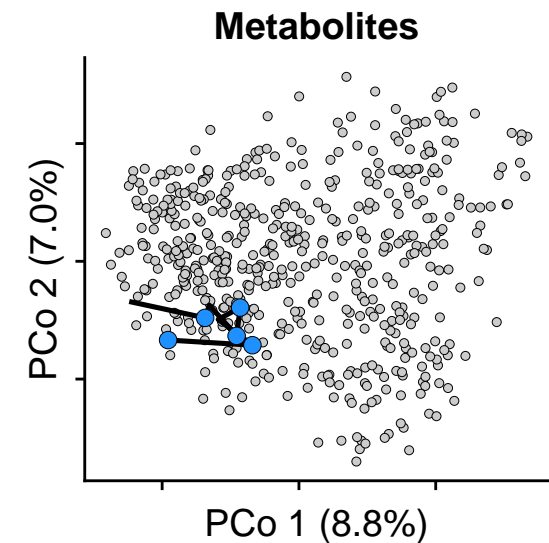
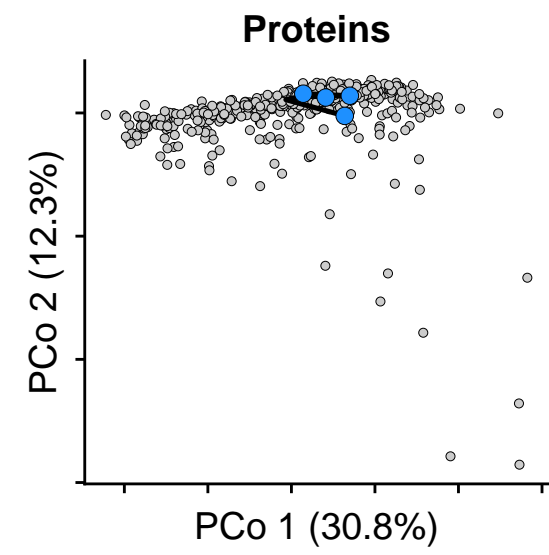
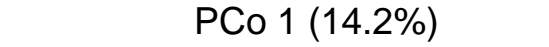
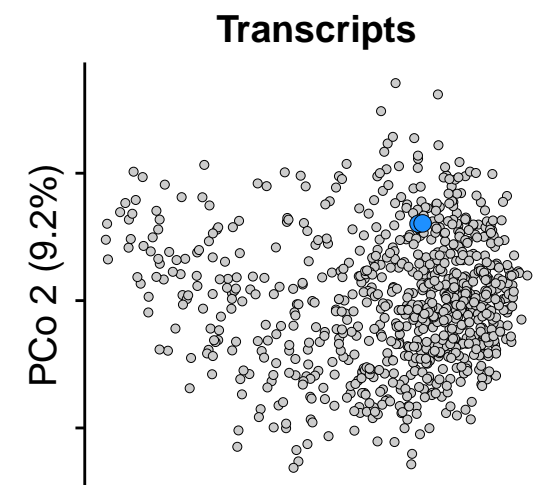
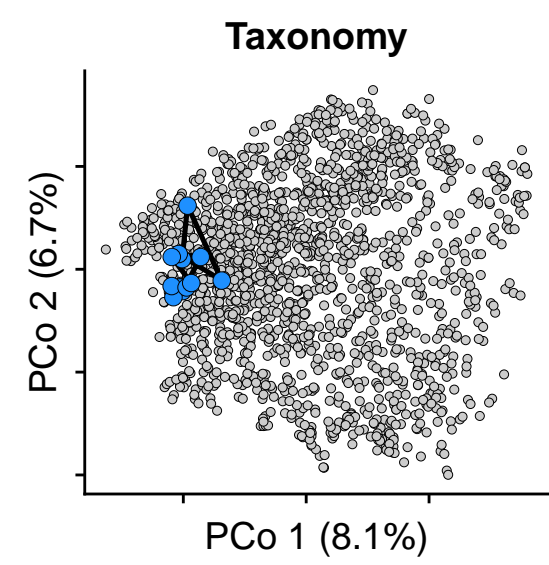
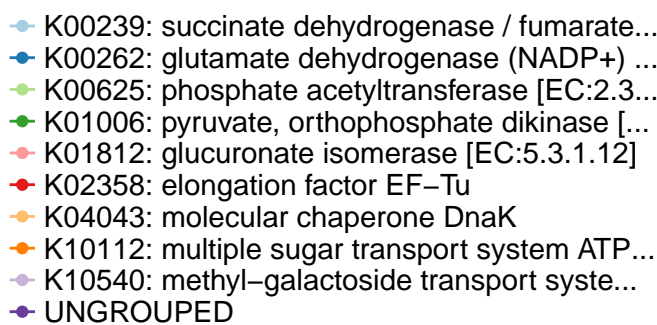
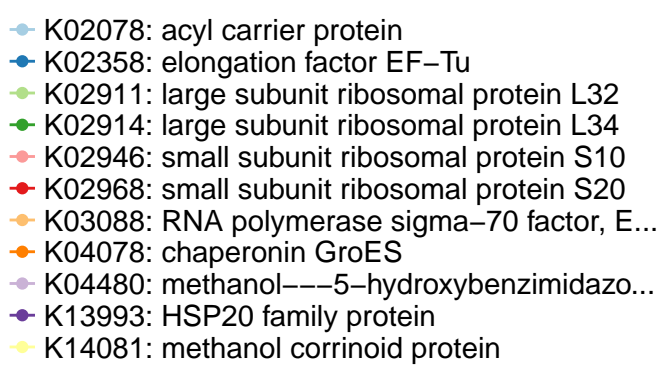
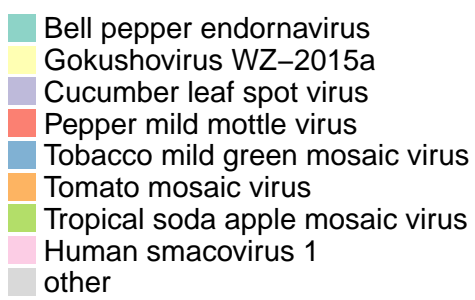
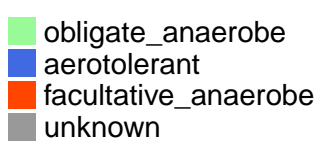
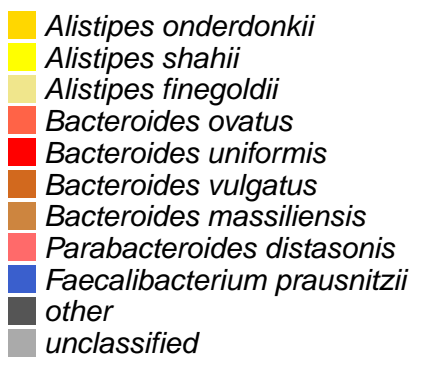
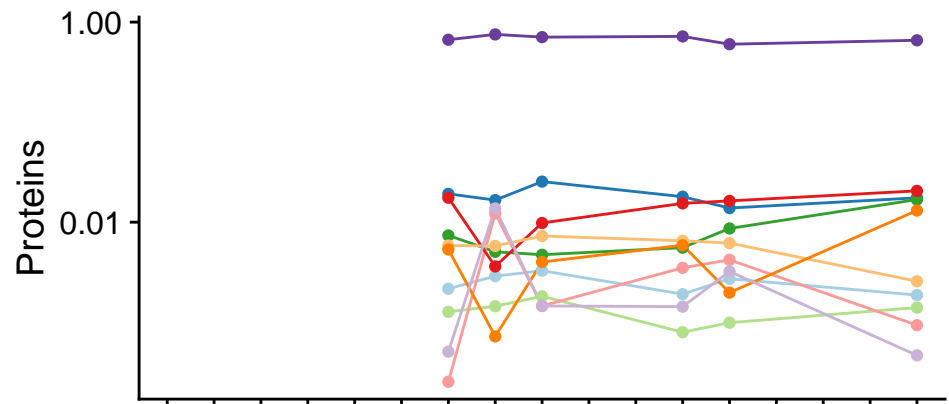
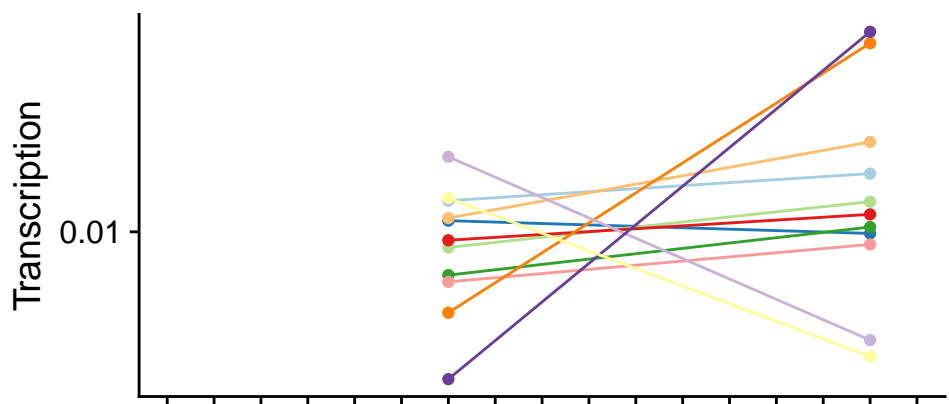
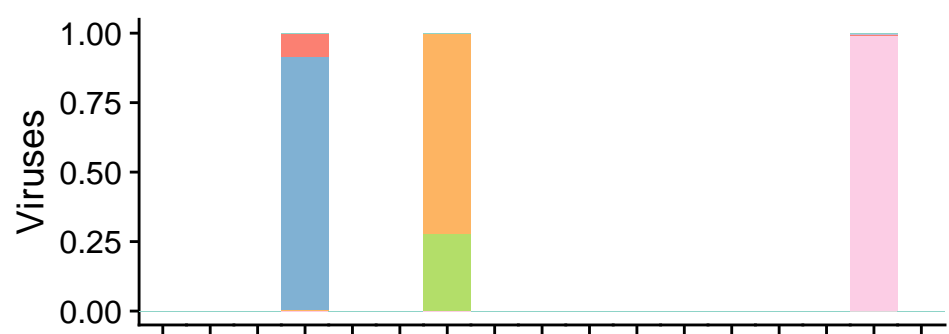
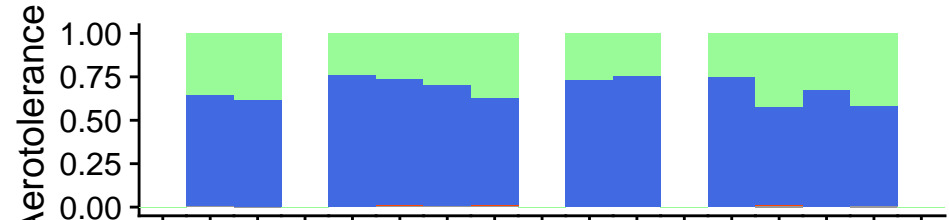
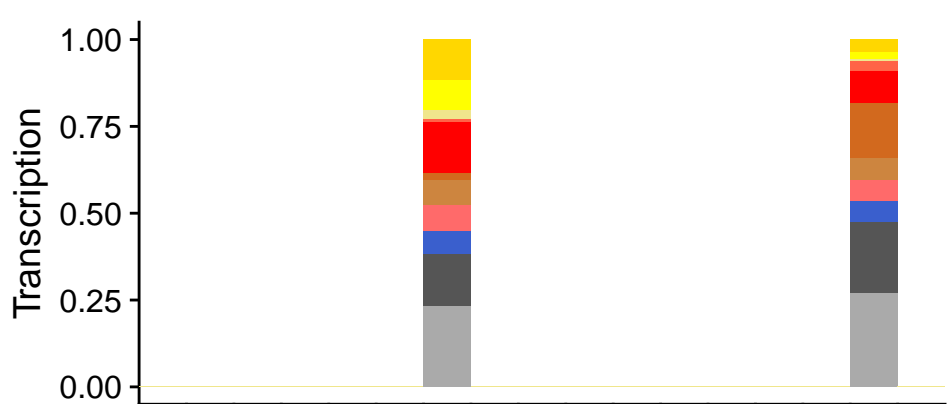
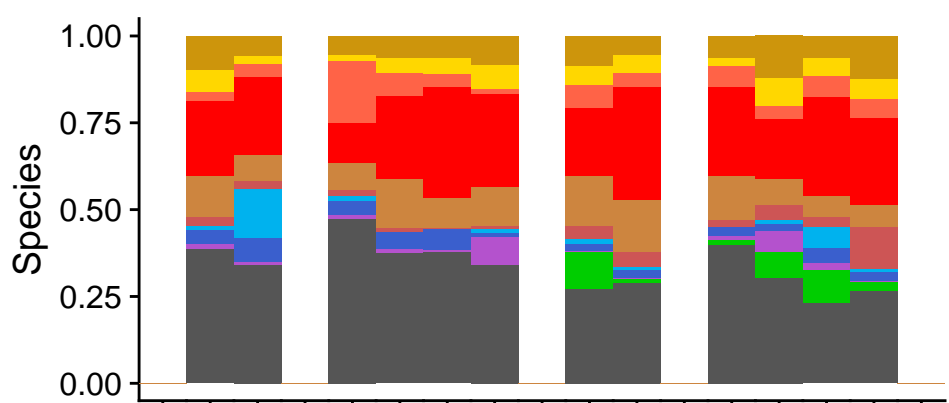
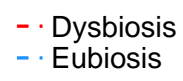
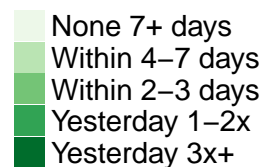
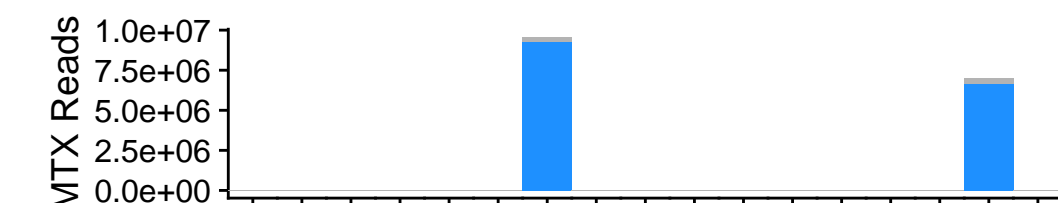
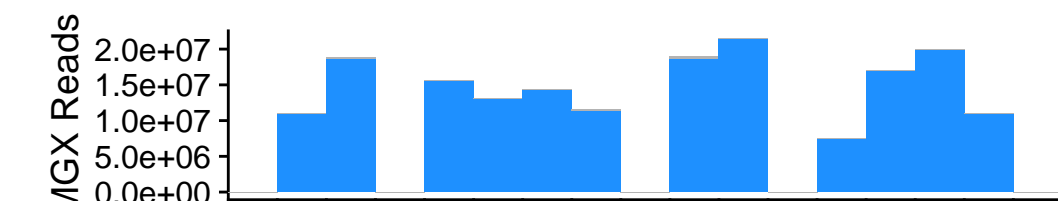
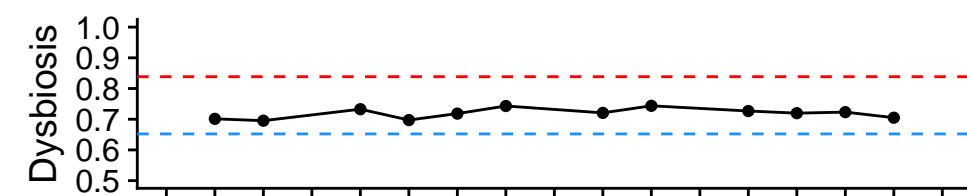
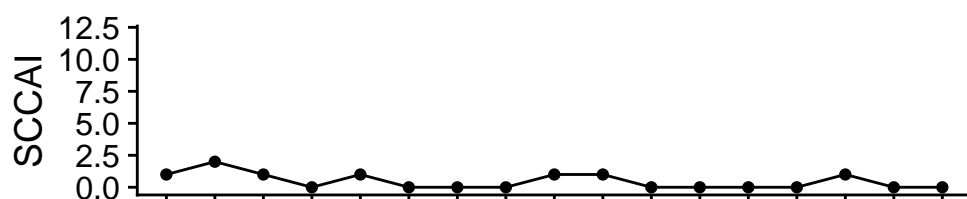
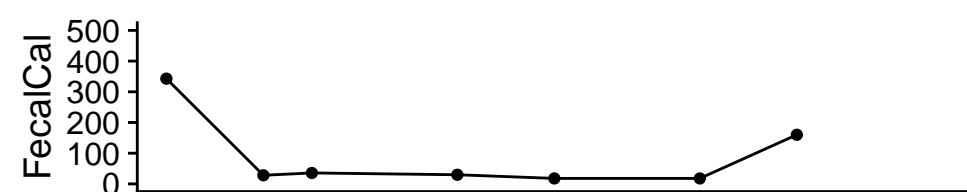
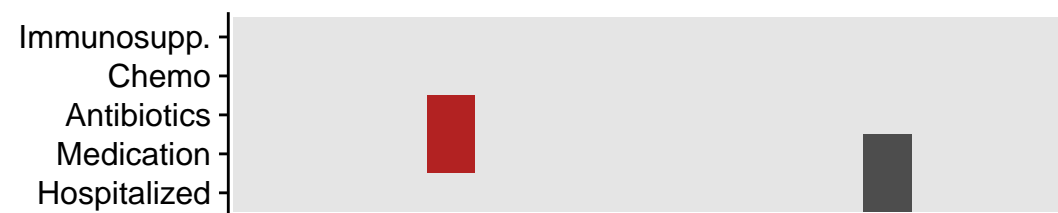
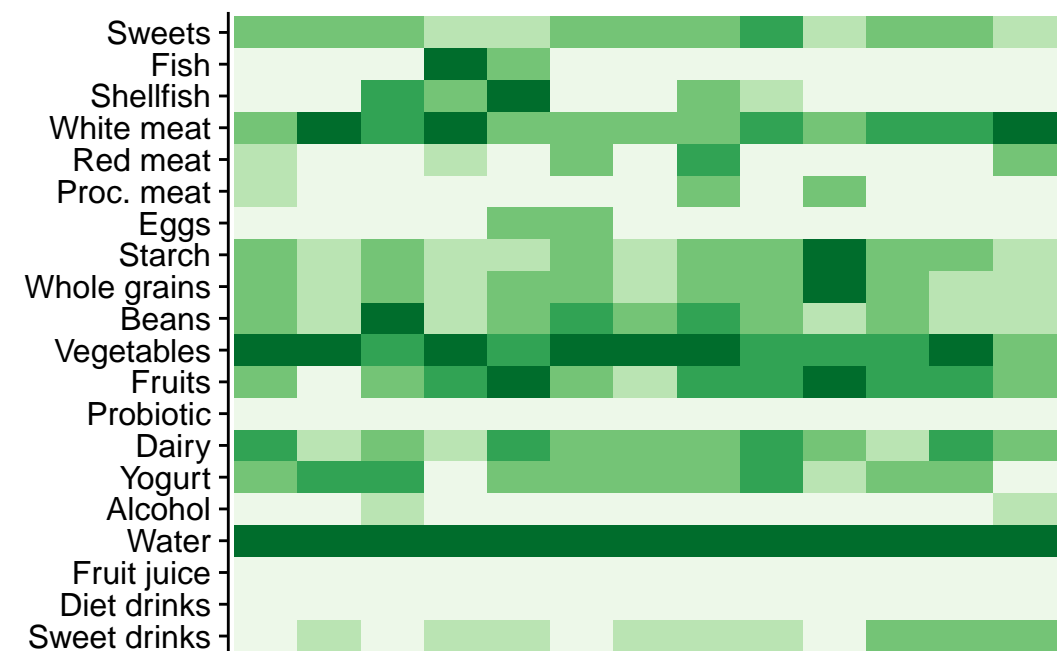
C3030: 44 Male White Cedars–Sinai | CD L2



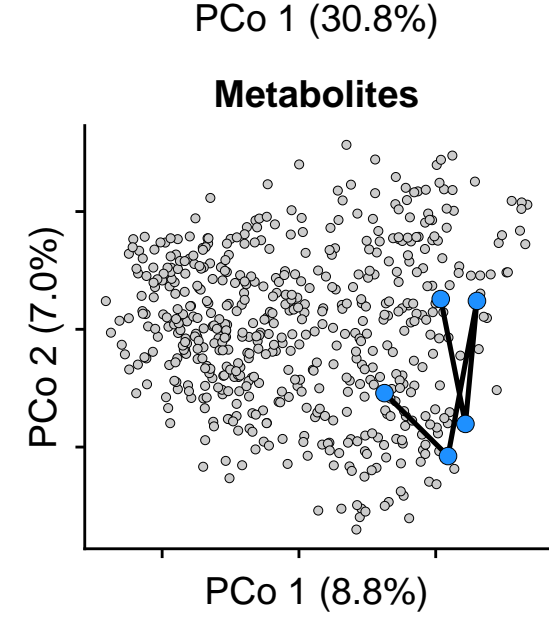
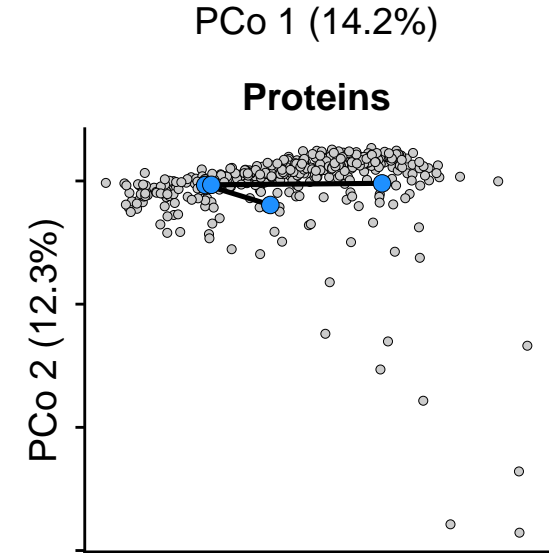
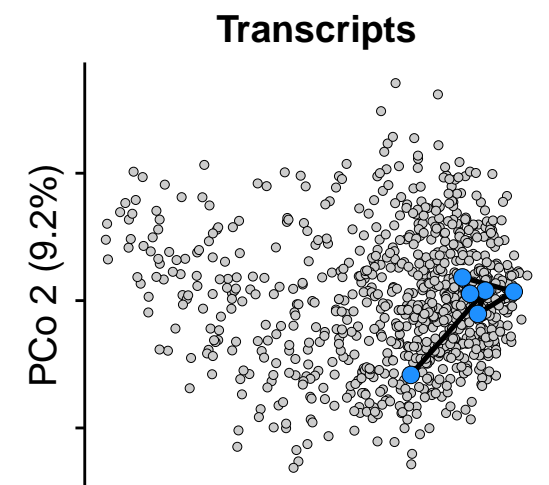
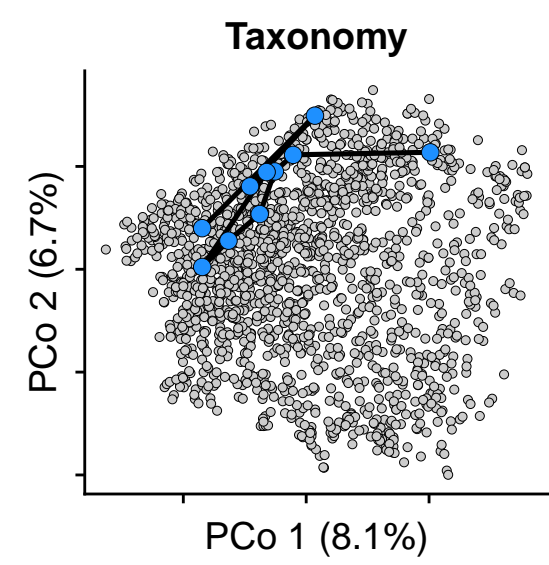
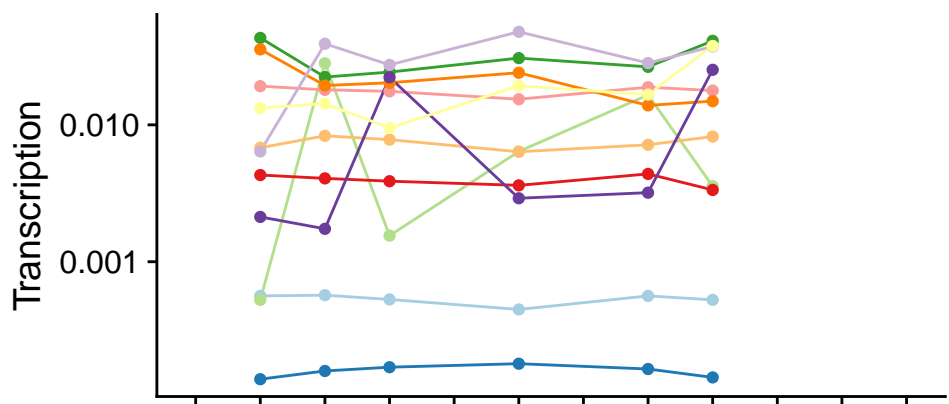
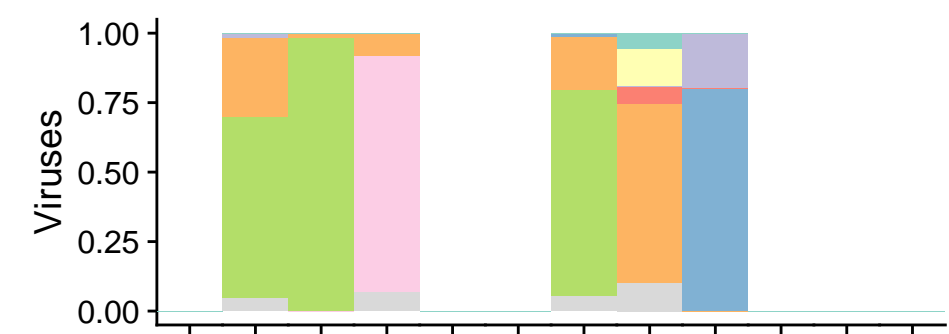
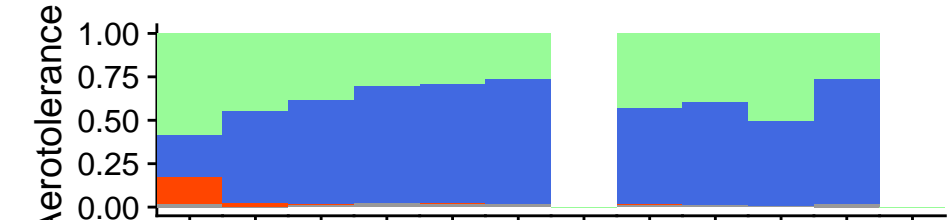
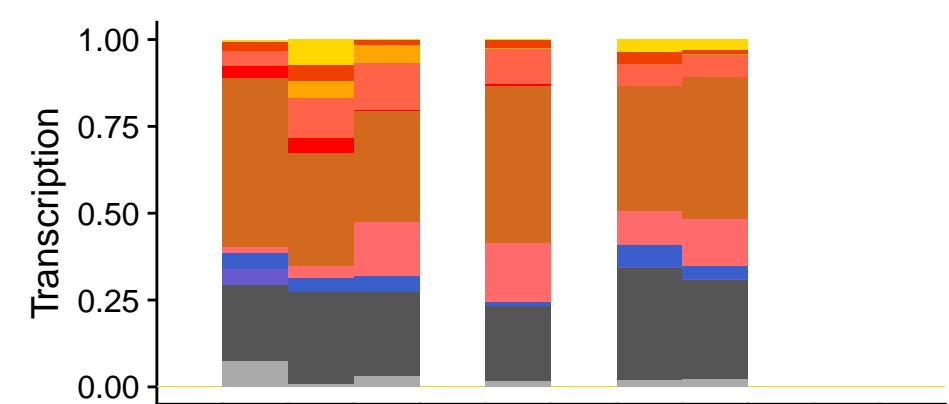
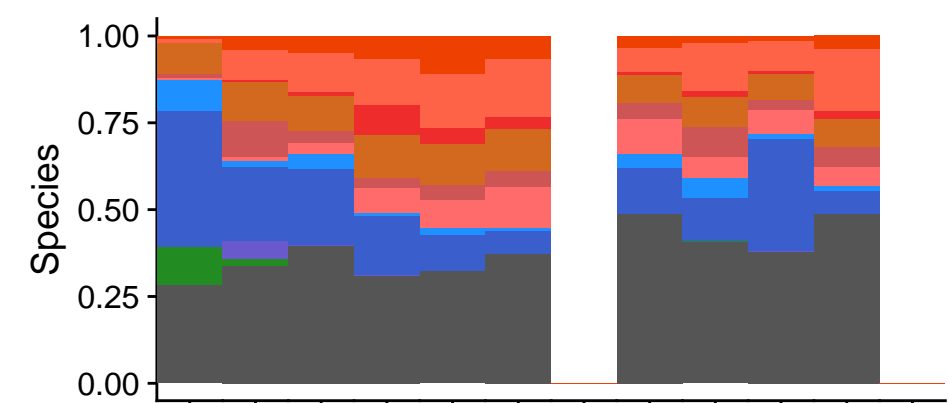
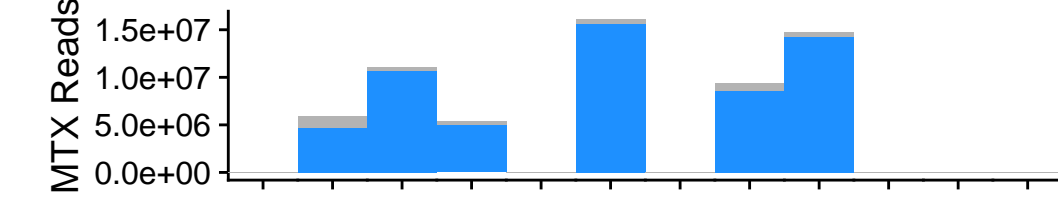
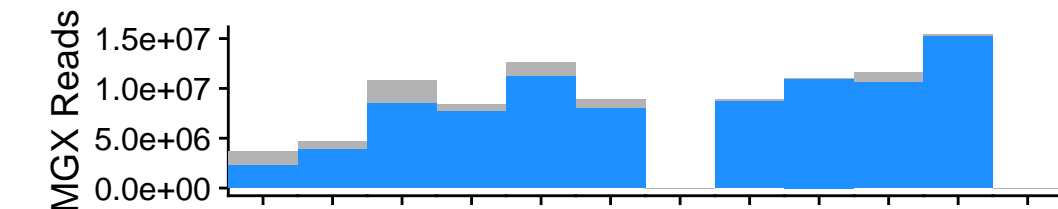
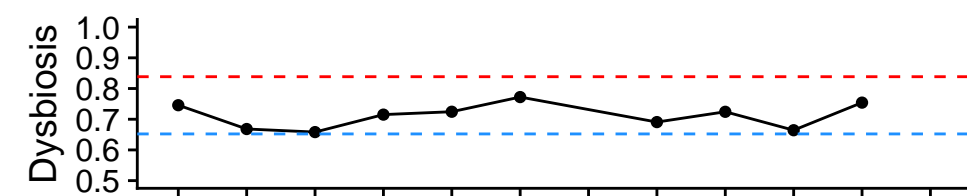
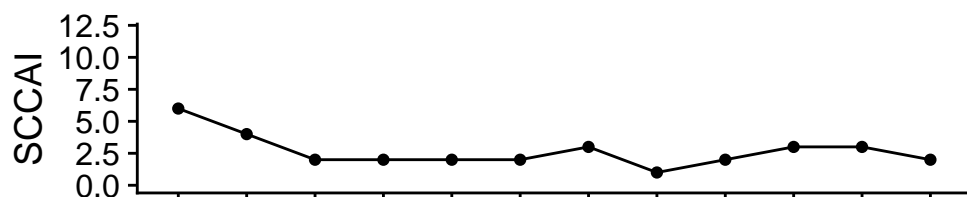
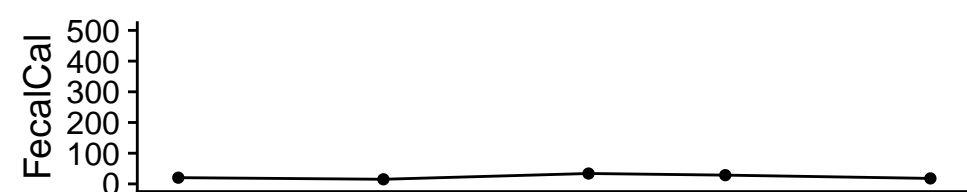
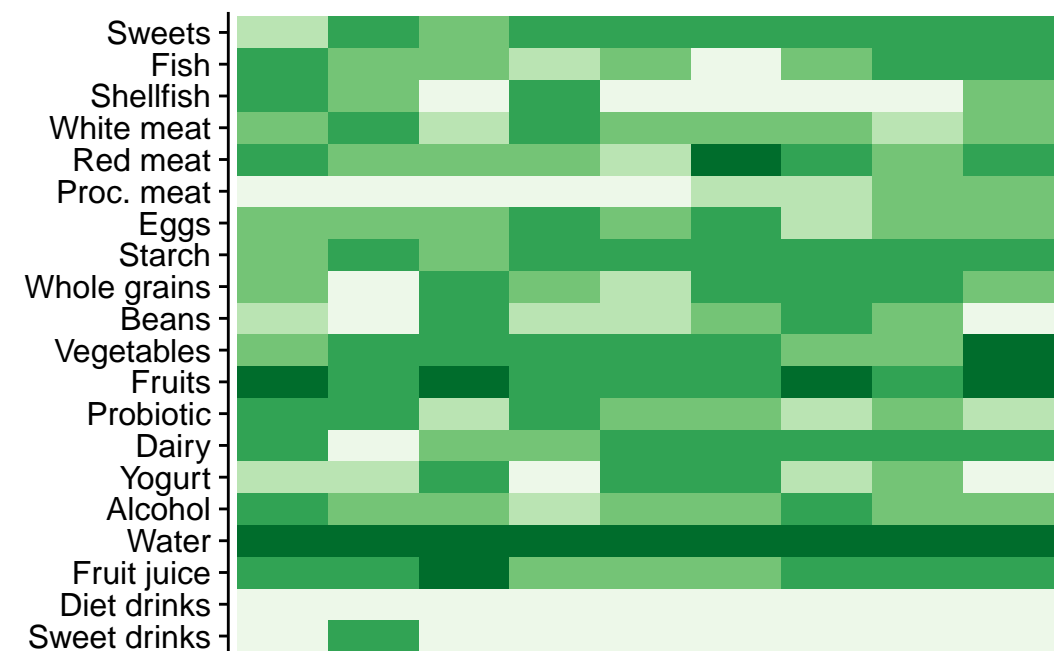
C3031: NA Female White Cedars–Sinai | CD



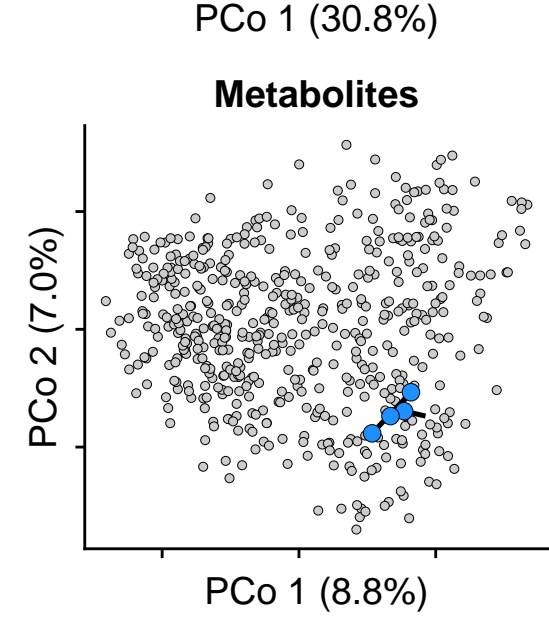
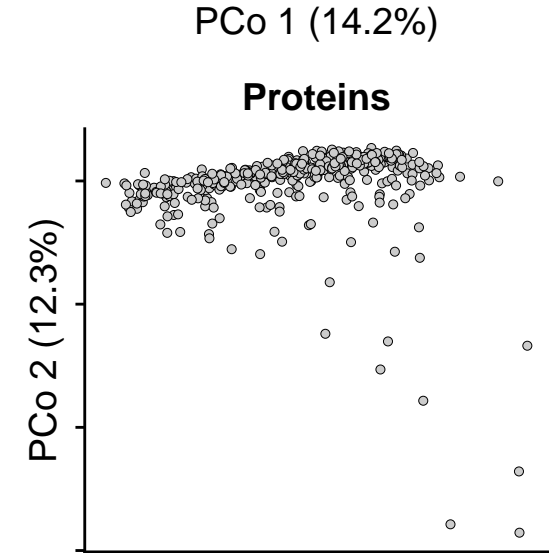
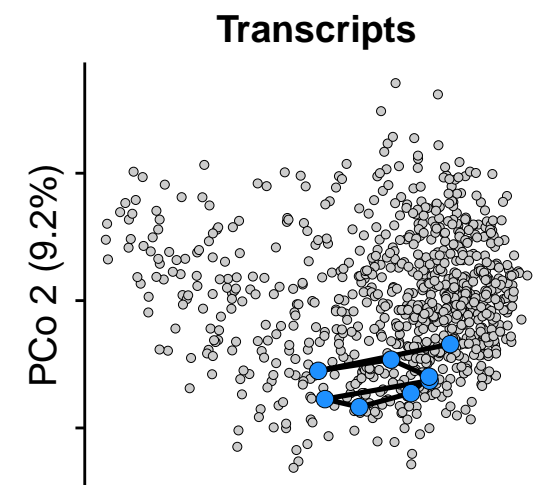
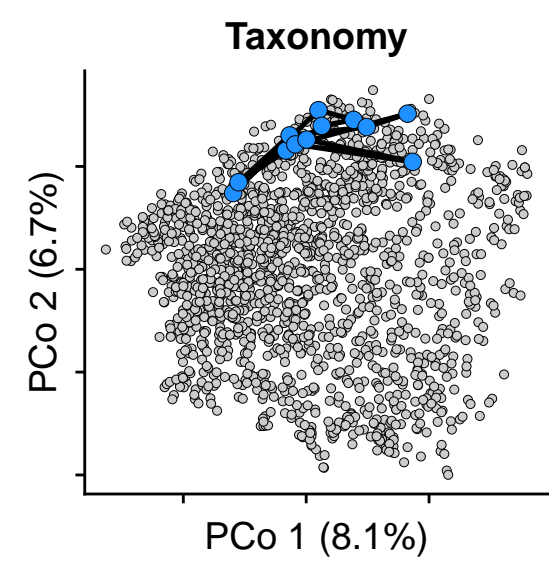
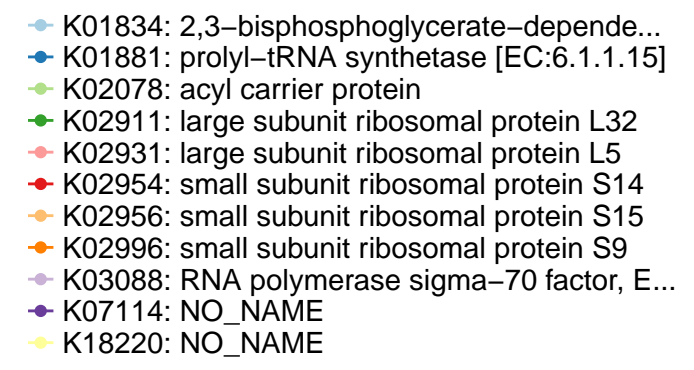
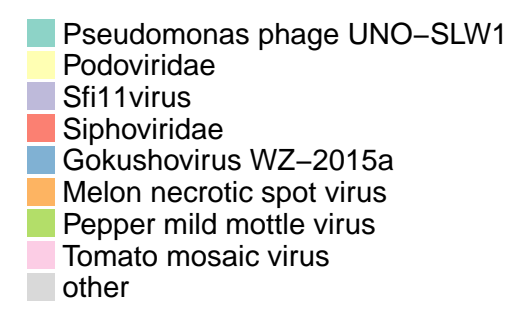
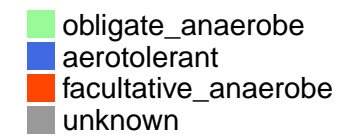
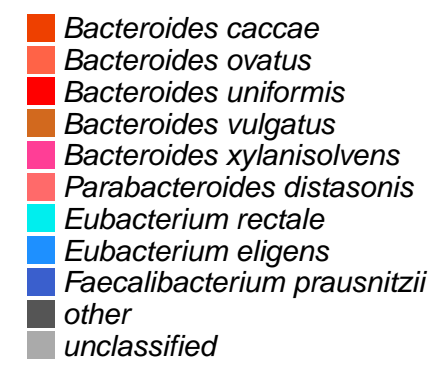
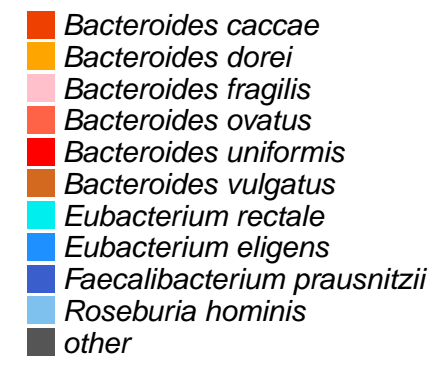
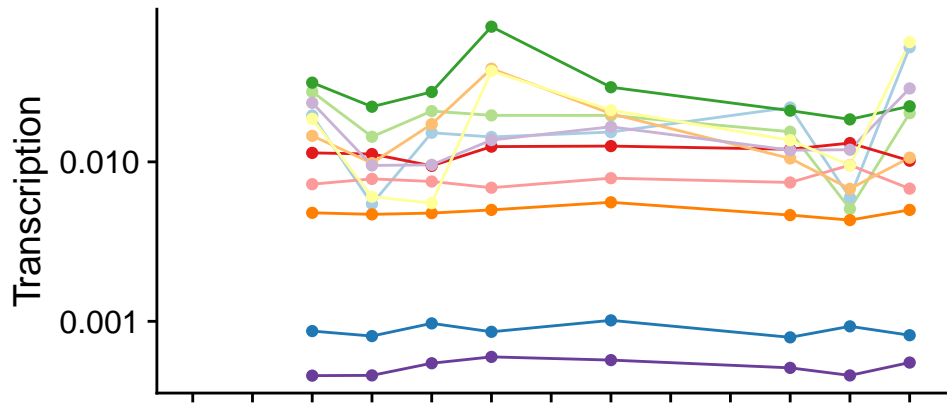
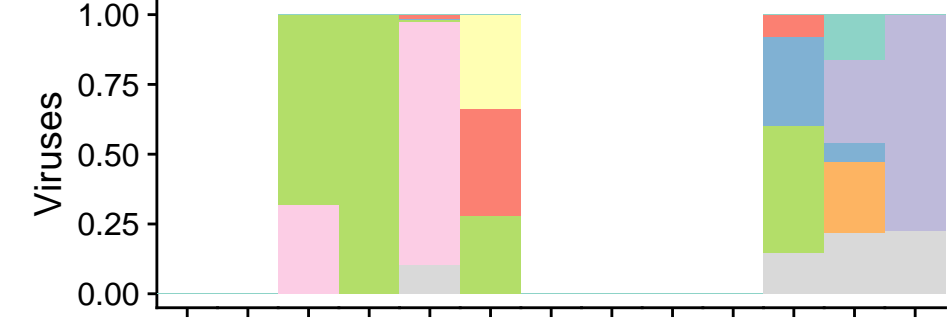
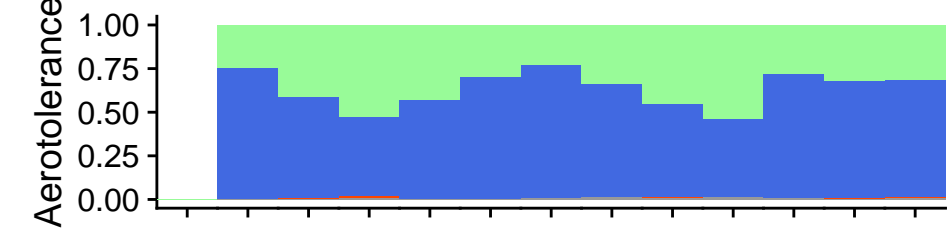
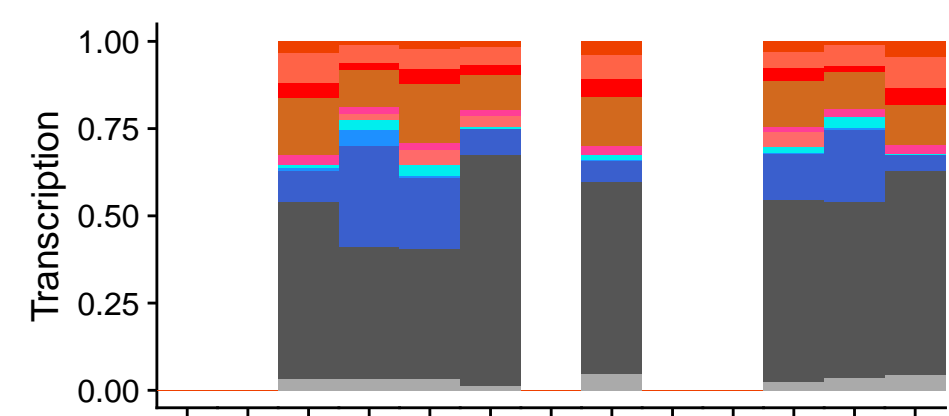
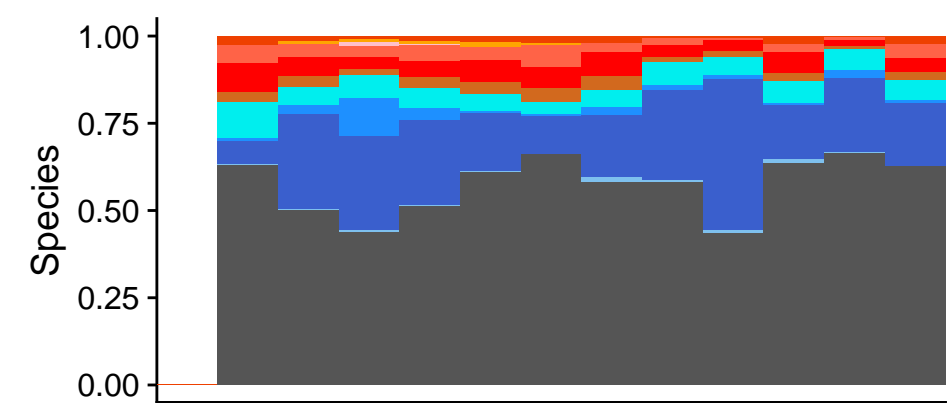
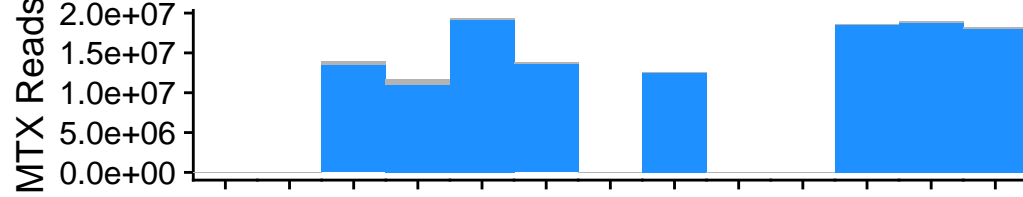
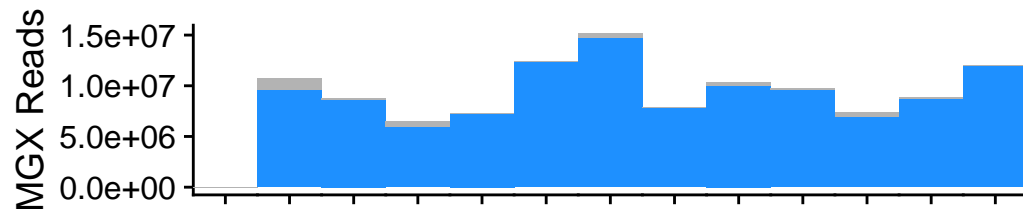
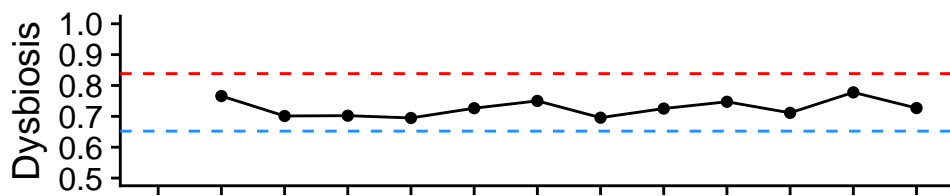
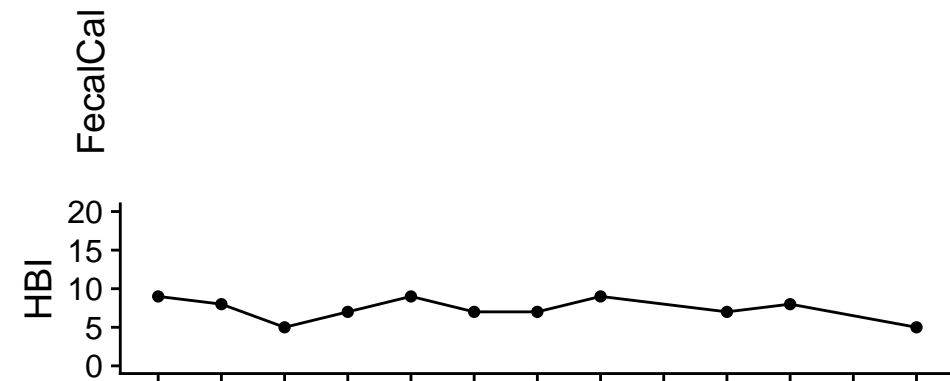
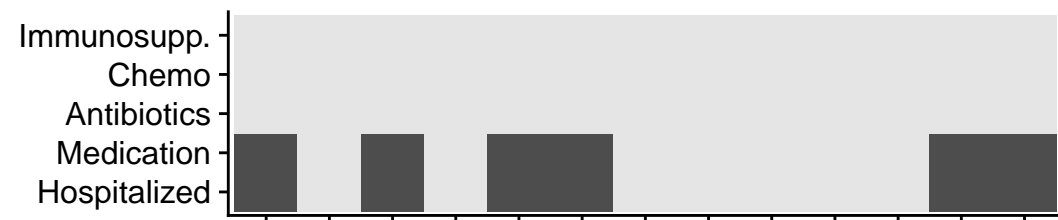
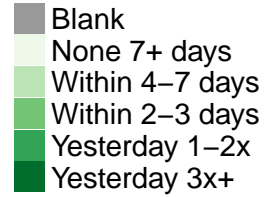
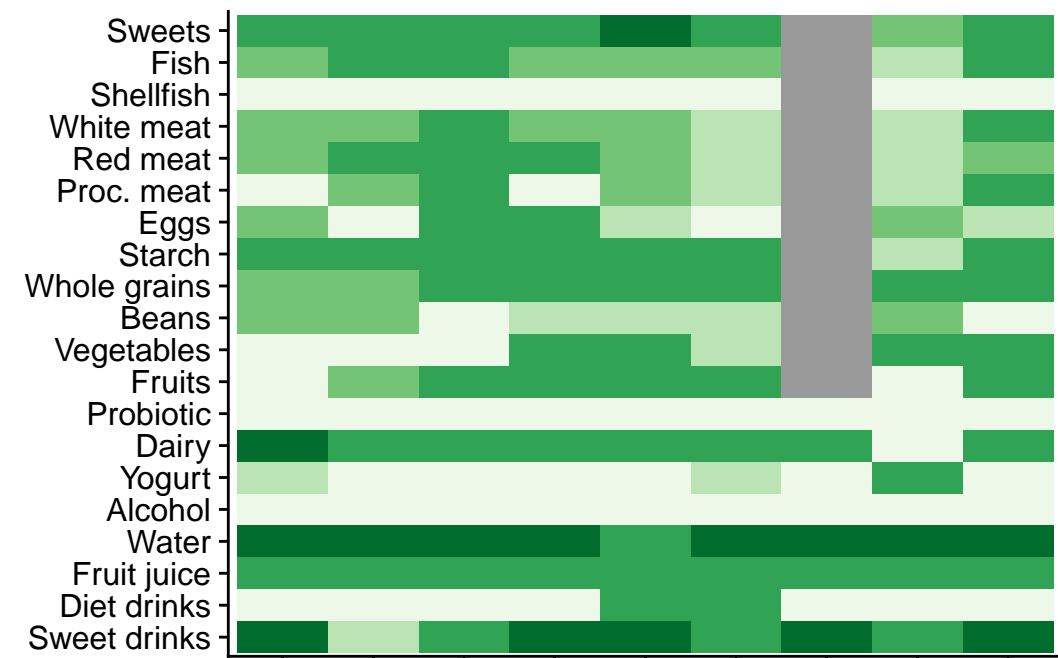
C3032: 42 Female White Cedars–Sinai | UC



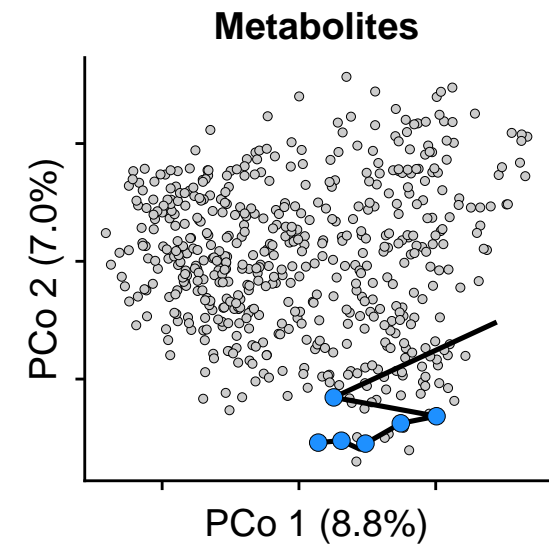
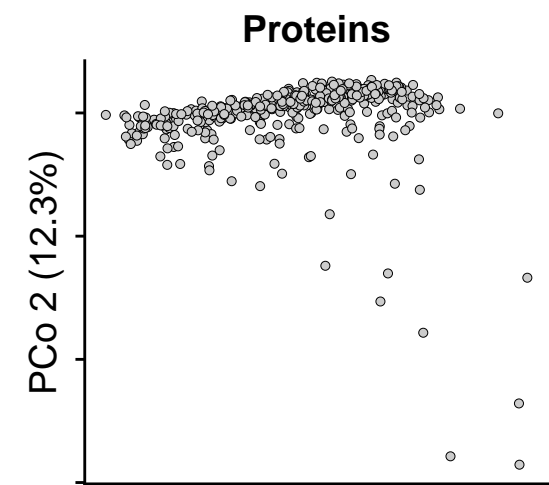
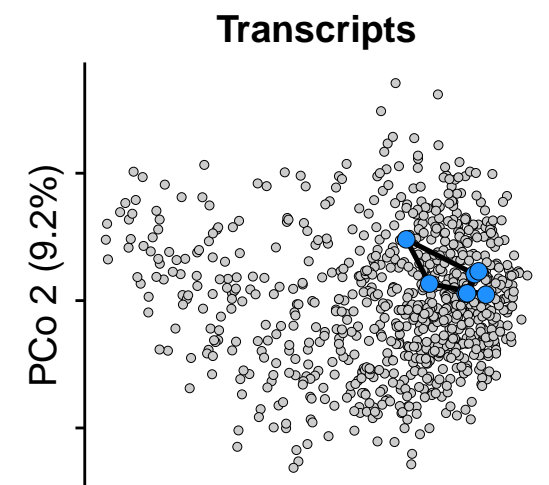
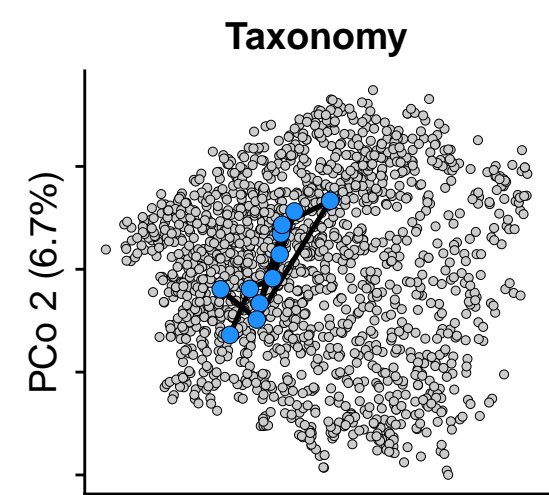
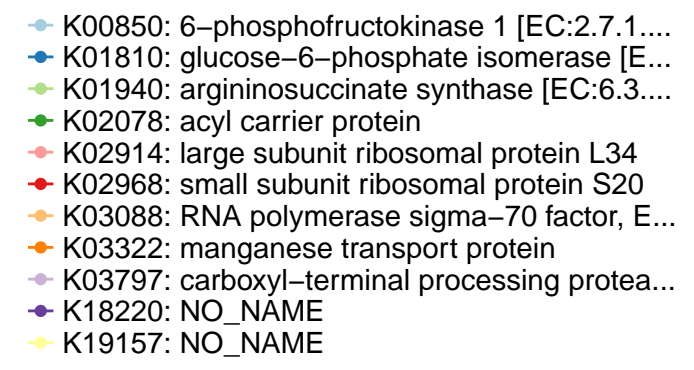
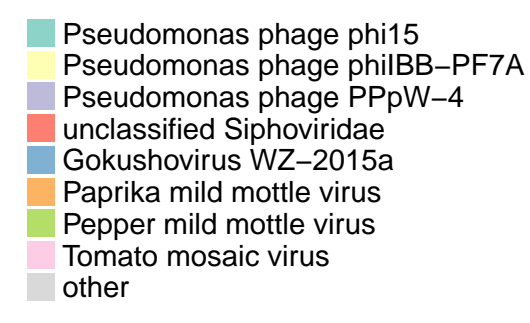
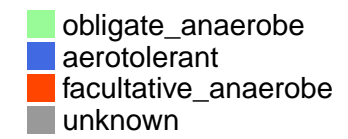
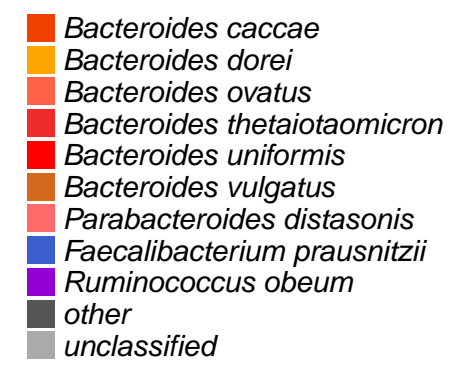
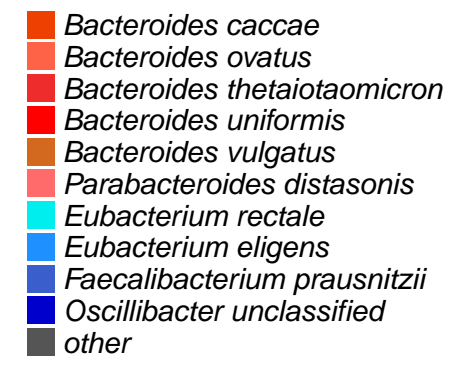
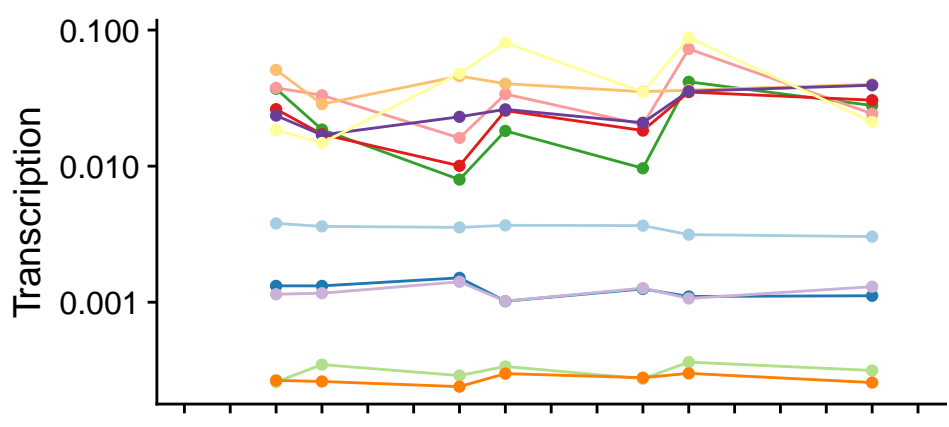
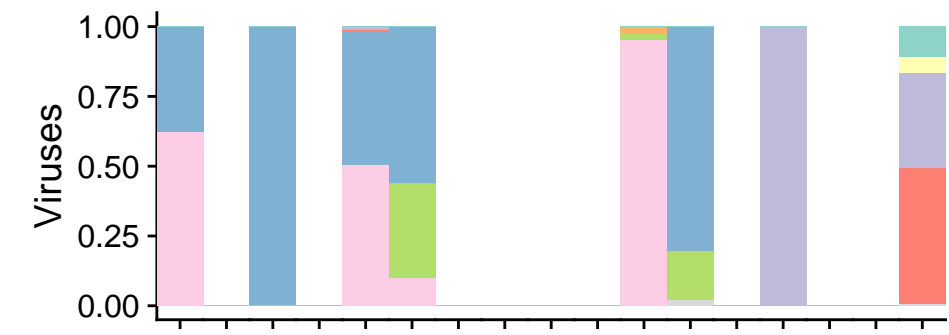
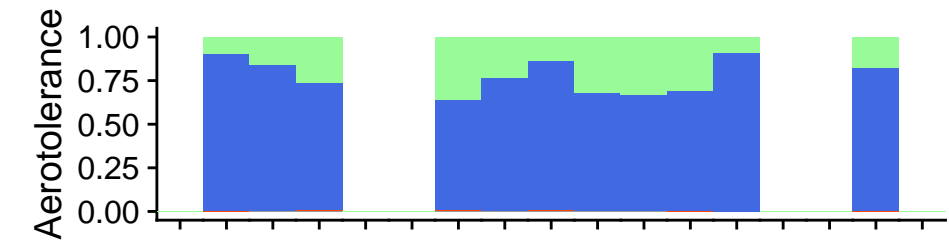
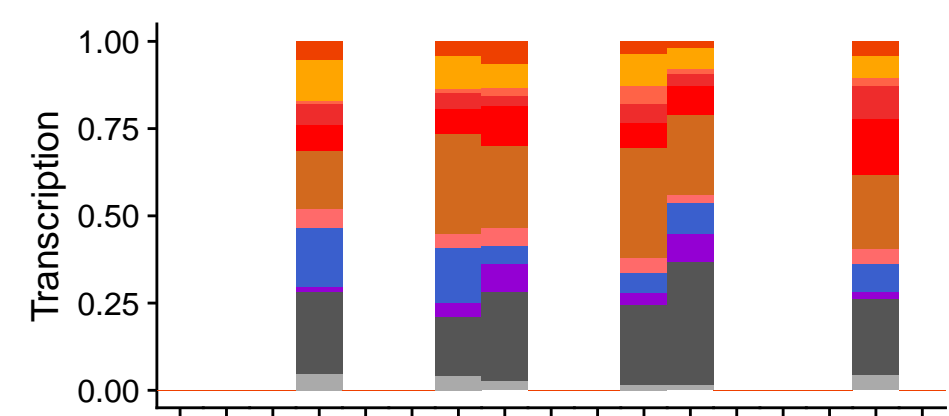
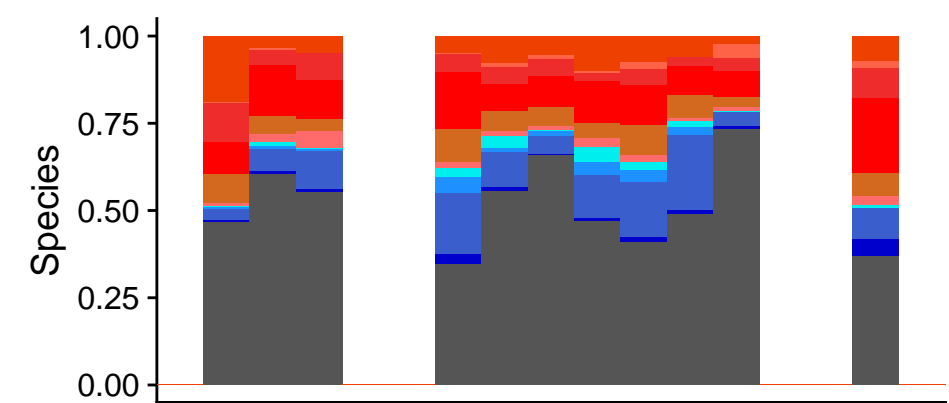
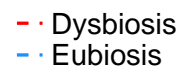
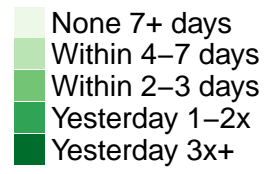
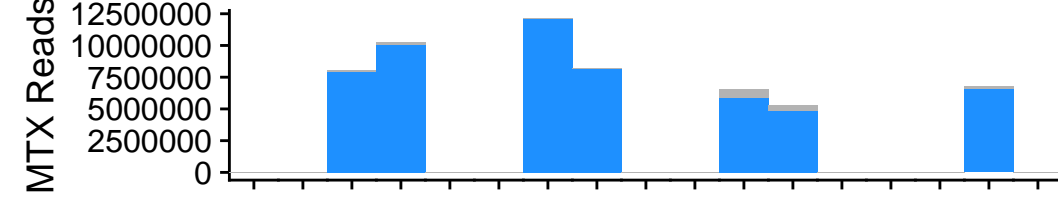
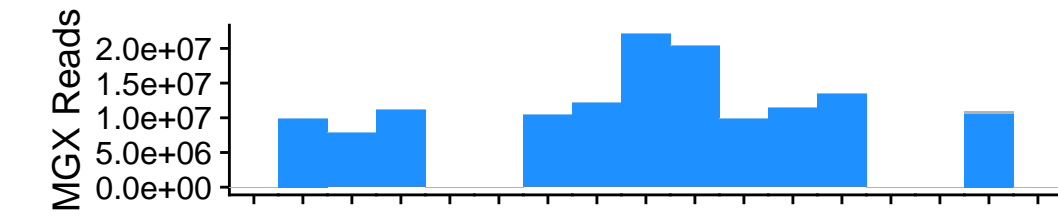
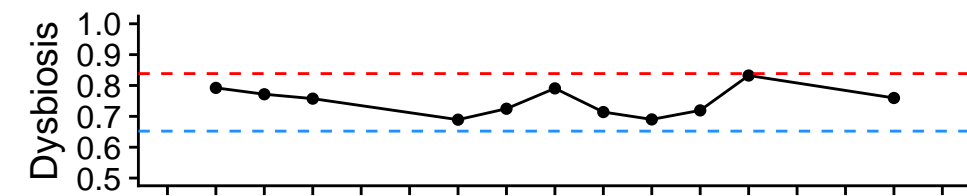
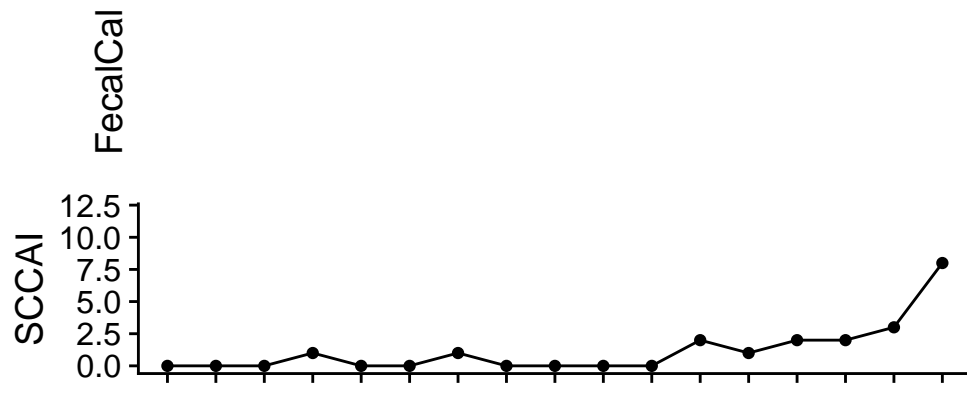
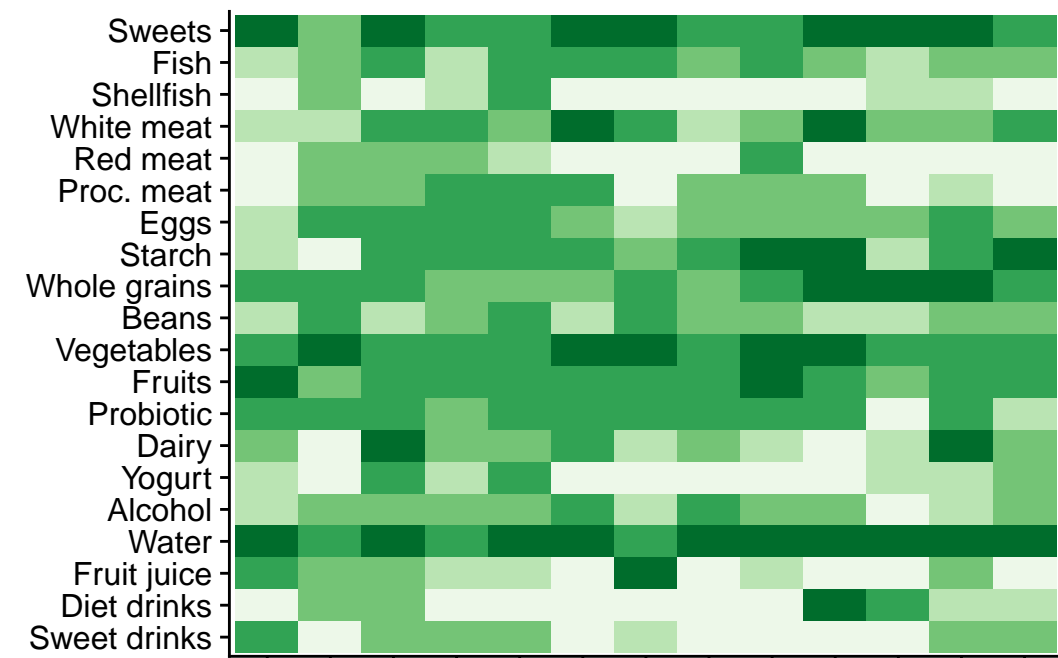
C3034: 36 Female White Cedars–Sinai | UC



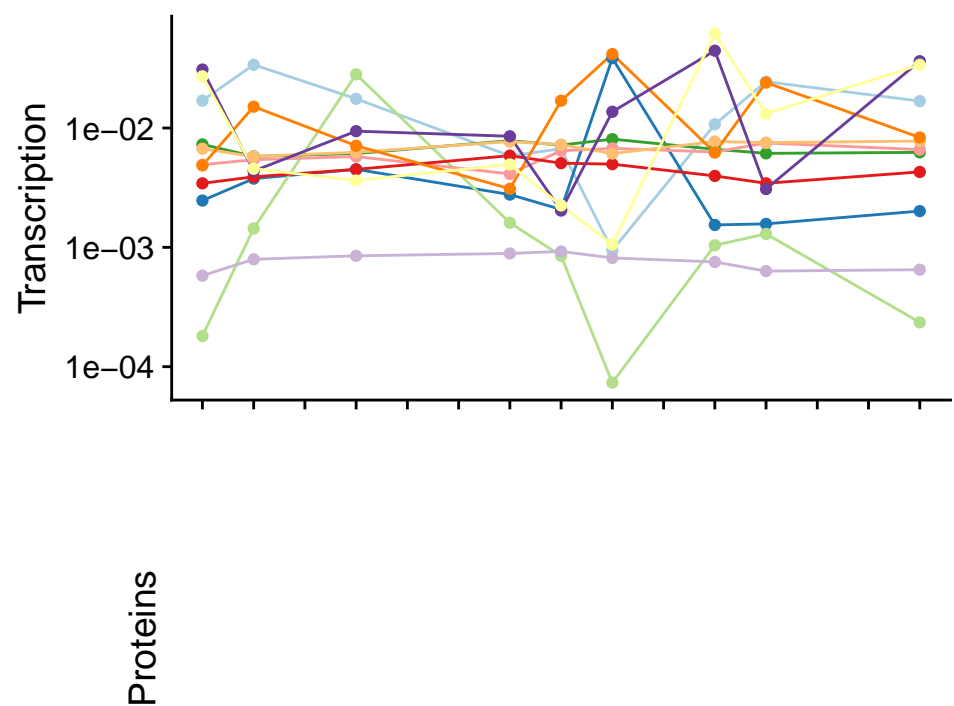
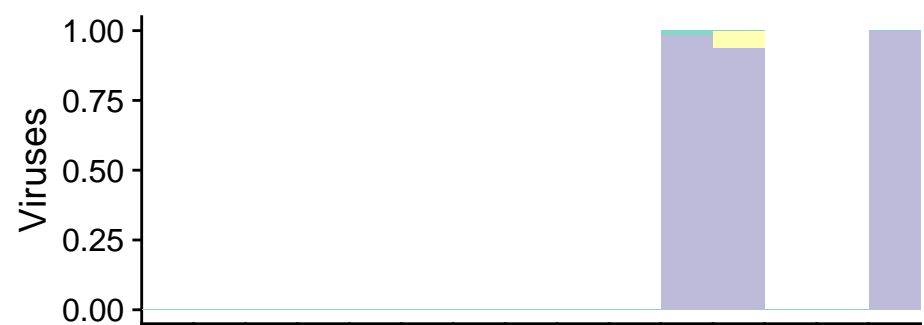
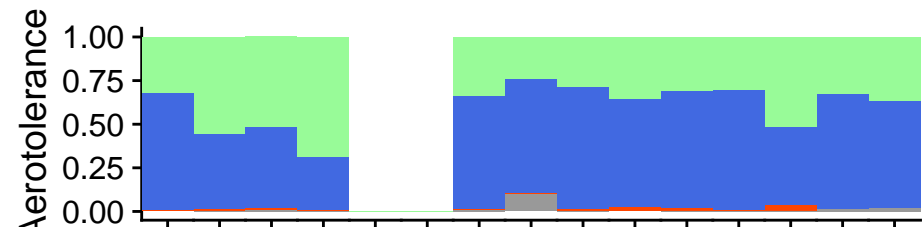
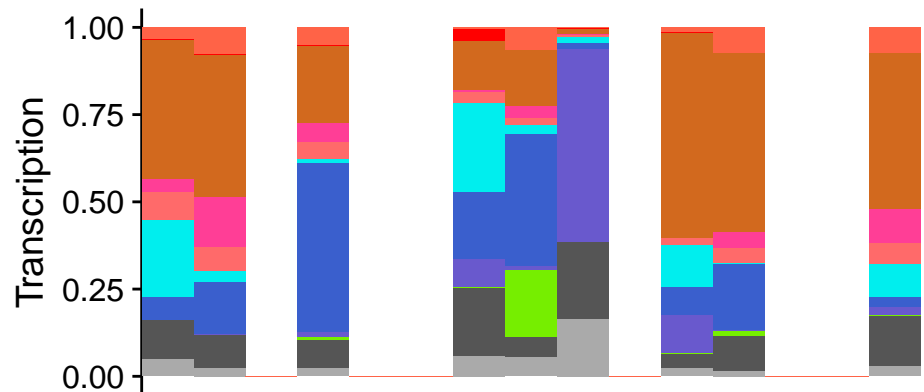
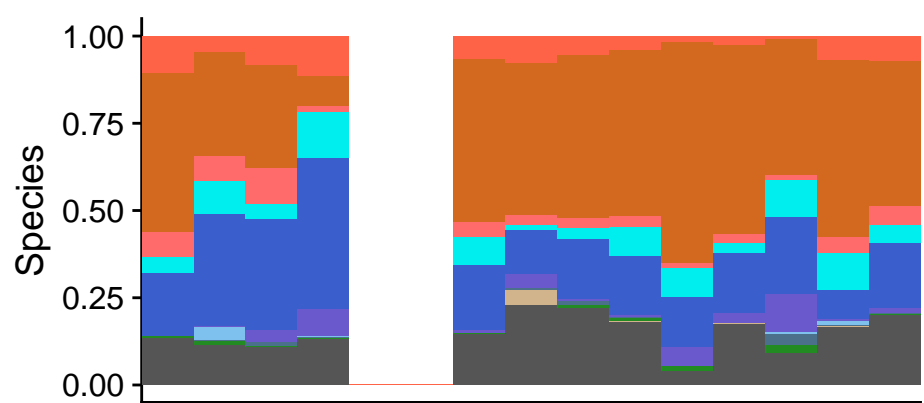
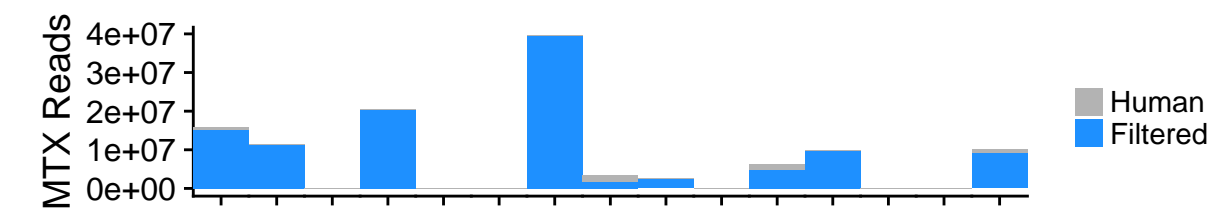
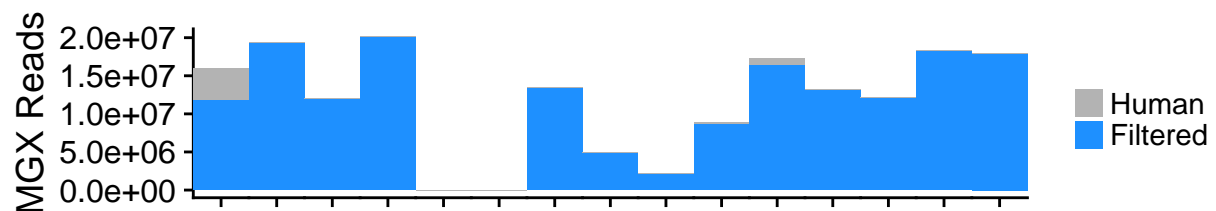
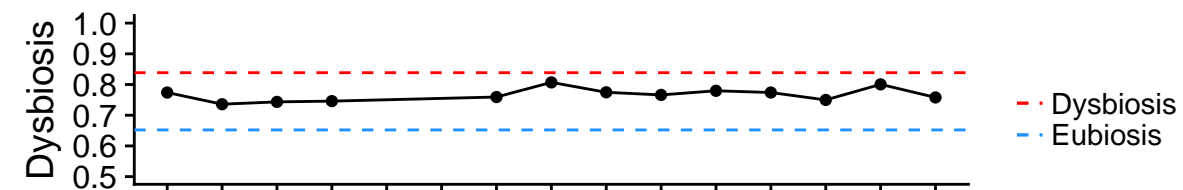
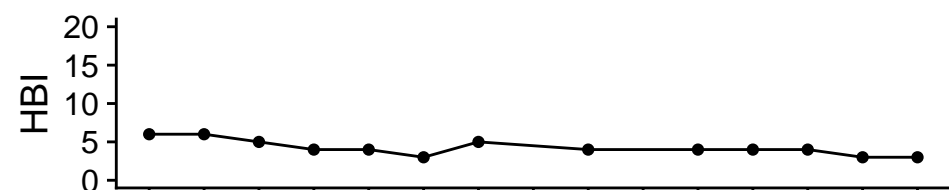
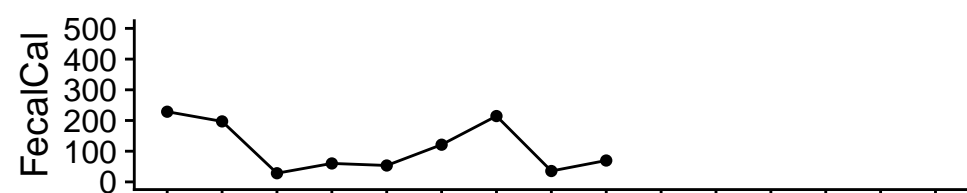
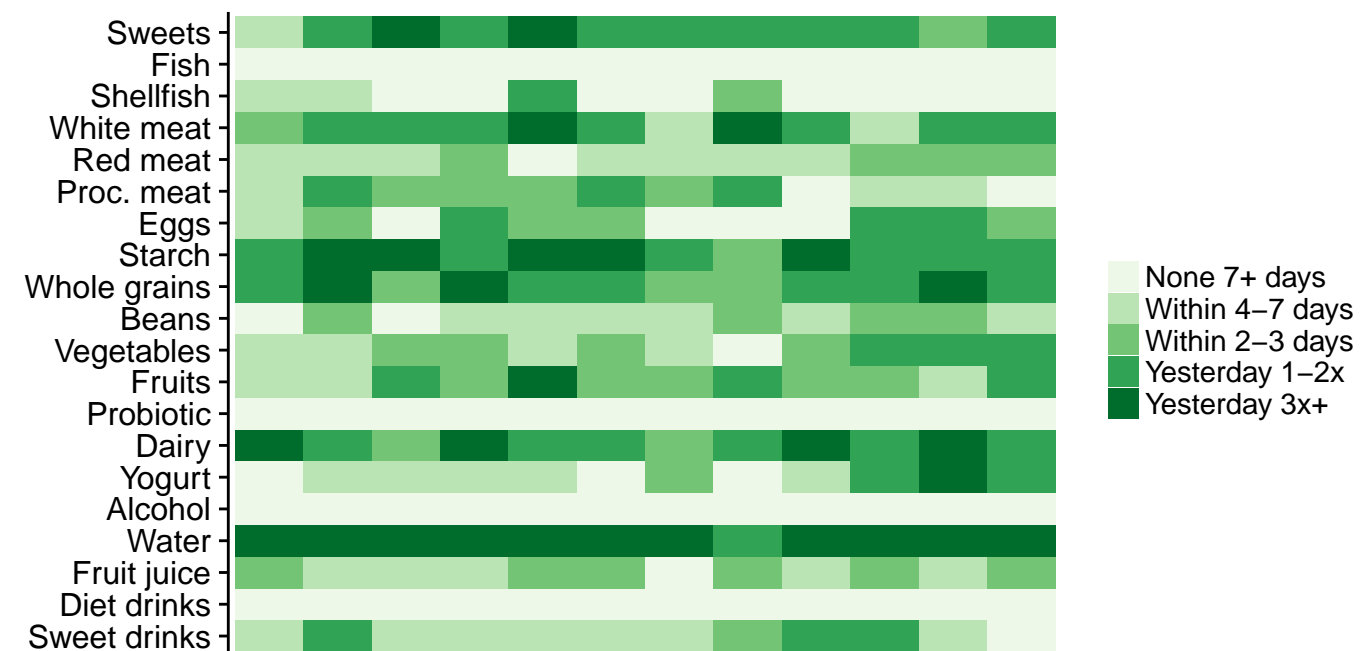
C3035: 62 Male White Cedars–Sinai | CD L3



C3037: 46 Female White Cedars–Sinai | UC



E5001: 8 Female More than one race Emory | CD L3+L4



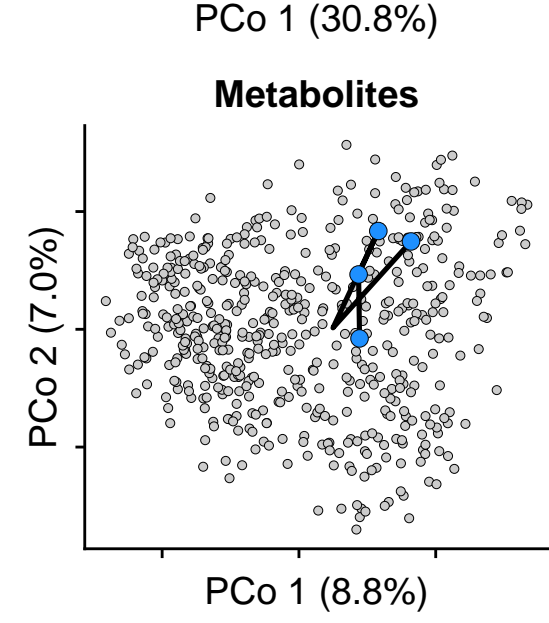
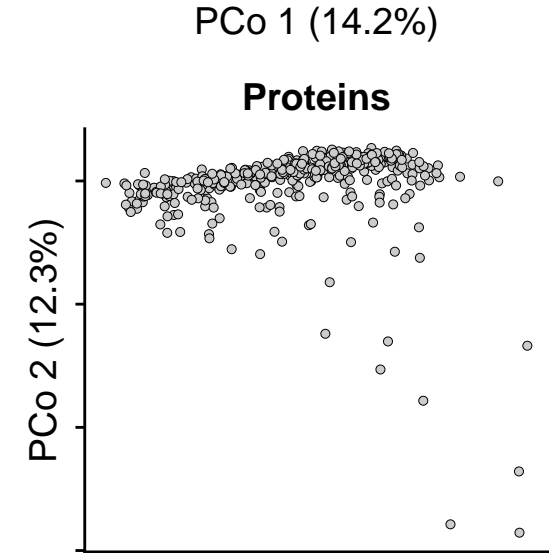
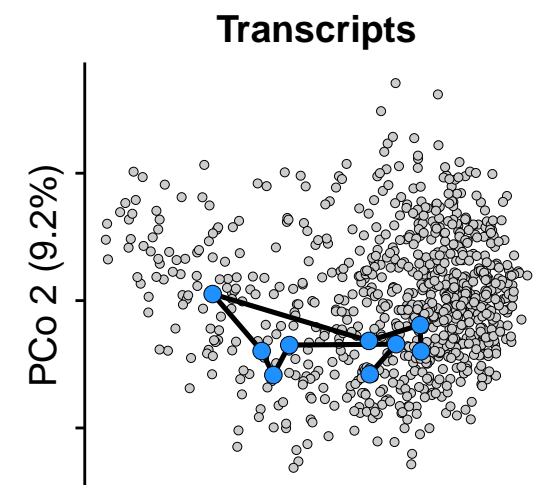
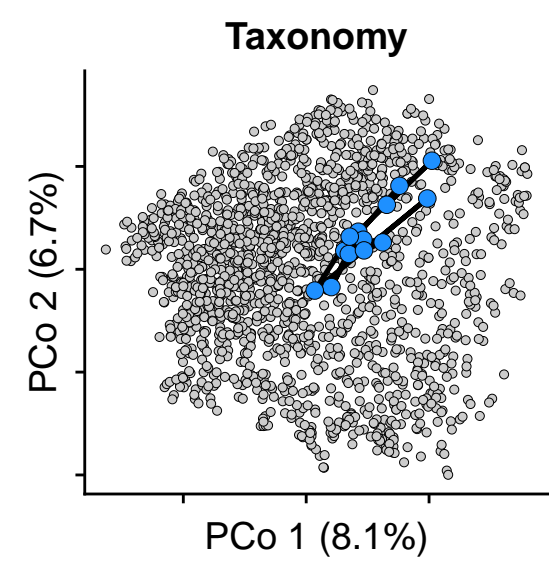
- Bacteroides ovatus*
- Bacteroides vulgatus*
- Parabacteroides distasonis*
- Eubacterium rectale*
- Faecalibacterium prausnitzii*
- Roseburia intestinalis*
- Roseburia hominis*
- Roseburia inulinivorans*
- Haemophilus parainfluenzae*
- C2likevirus unclassified*
- other

- Bacteroides ovatus*
- Bacteroides uniformis*
- Bacteroides vulgatus*
- Bacteroides xylanisolvans*
- Parabacteroides distasonis*
- Eubacterium rectale*
- Faecalibacterium prausnitzii*
- Roseburia intestinalis*
- Escherichia coli*
- other
- unclassified

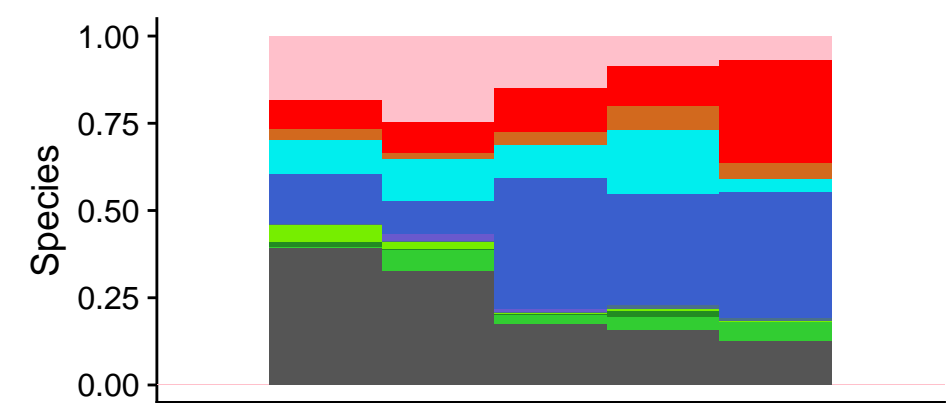
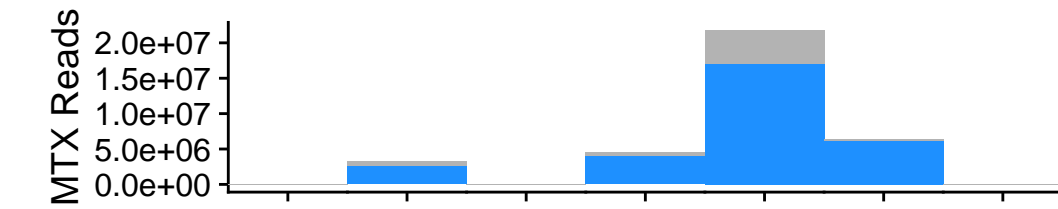
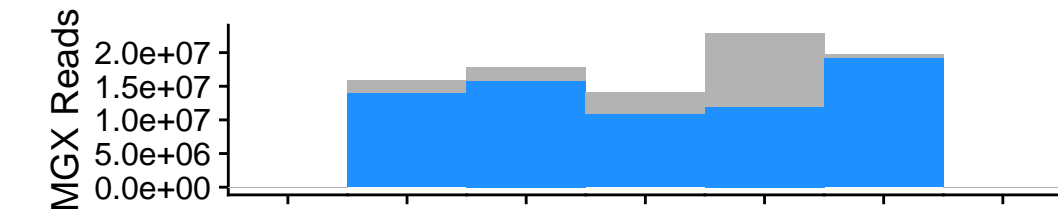
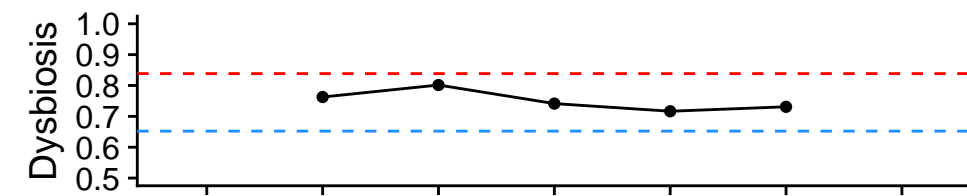
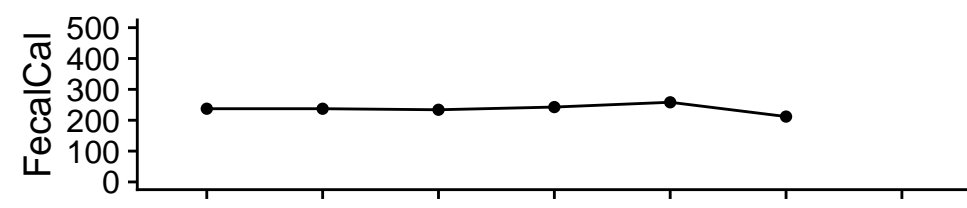
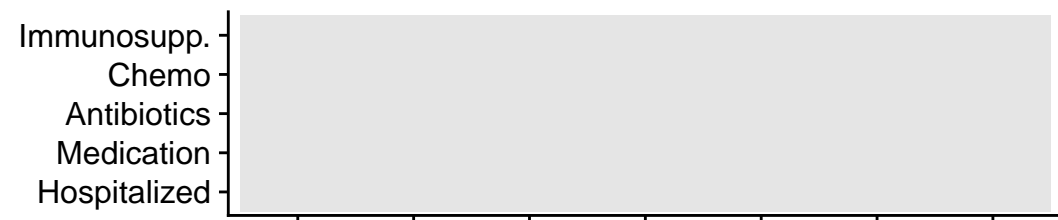
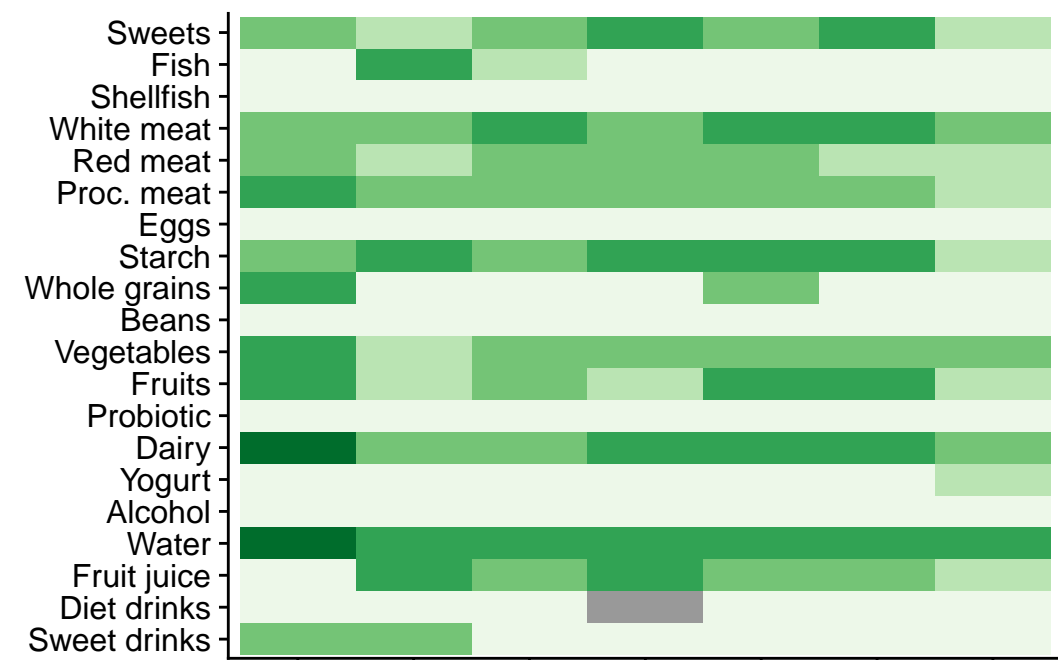
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown

- T7virus
- unclassified Siphoviridae
- Pepper mild mottle virus

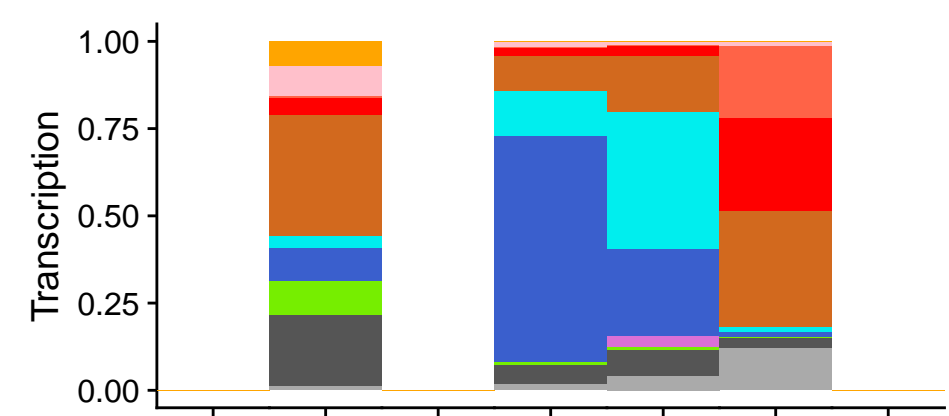
- K02078: acyl carrier protein
- K02110: F-type H⁺-transporting ATPase subunit
- K02745: PTS system, N-acetylgalactosamin...
- K02874: large subunit ribosomal protein L14
- K02904: large subunit ribosomal protein L29
- K02948: small subunit ribosomal protein S11
- K02965: small subunit ribosomal protein S19
- K03088: RNA polymerase sigma-70 factor, E...
- K03544: ATP-dependent Clp protease ATP...
- K04078: chaperonin GroES
- K13993: HSP20 family protein



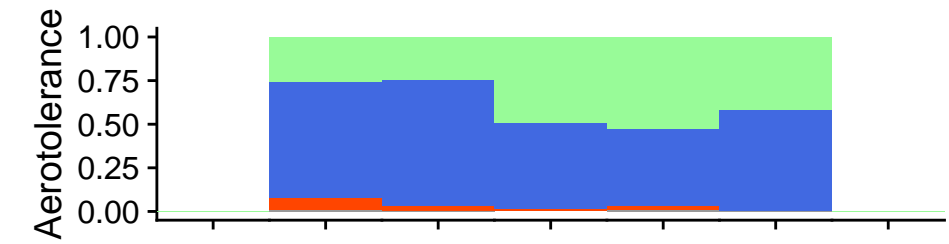
E5002: 15 Female Black or African American Emory | nonIBD



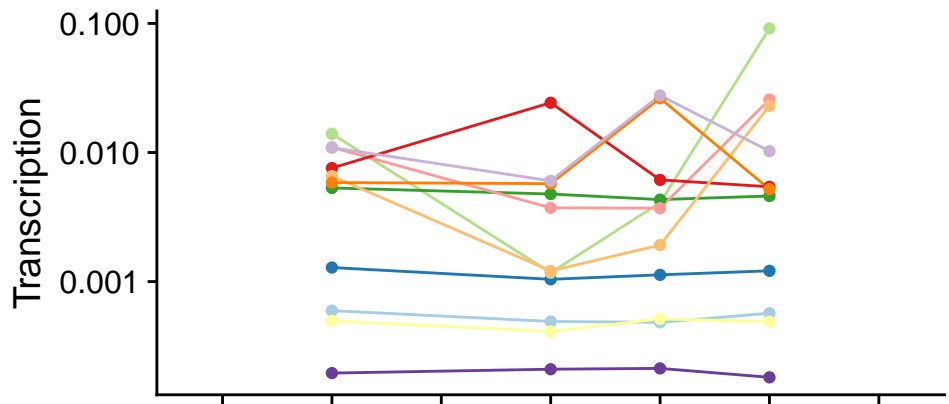
- Bacteroides fragilis*
- Bacteroides uniformis*
- Bacteroides vulgatus*
- Eubacterium rectale*
- Faecalibacterium prausnitzii*
- Roseburia intestinalis*
- Roseburia inulinivorans*
- Escherichia coli*
- Haemophilus parainfluenzae*
- Sutterella wadsworthensis*
- other



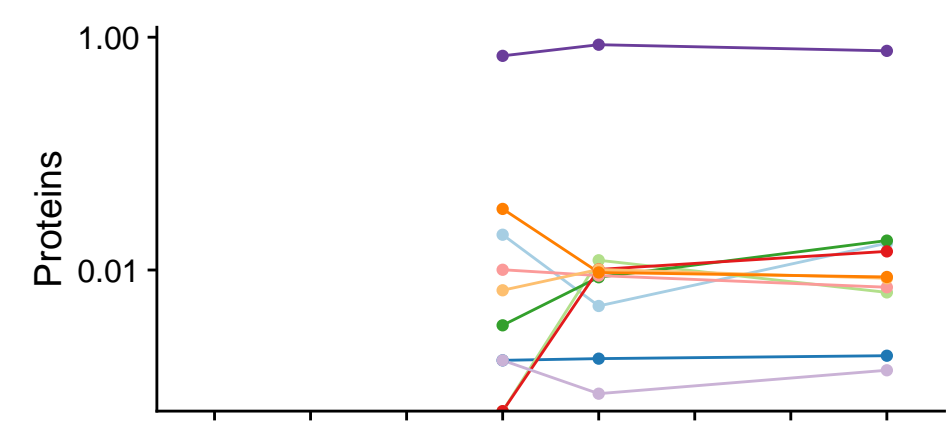
- Bacteroides dorei*
- Bacteroides fragilis*
- Bacteroides ovatus*
- Bacteroides uniformis*
- Bacteroides vulgatus*
- Eubacterium rectale*
- Faecalibacterium prausnitzii*
- Lachnospiraceae bacterium 5 1 63FAA*
- Escherichia coli*
- other
- unclassified



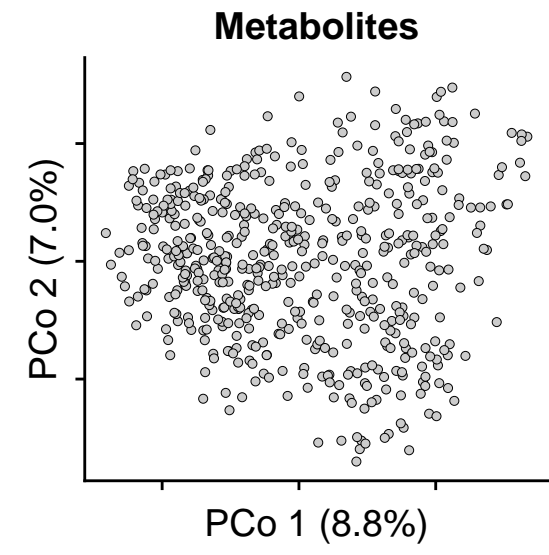
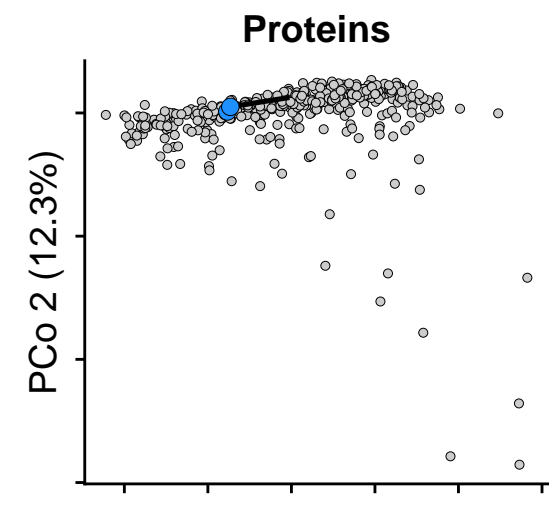
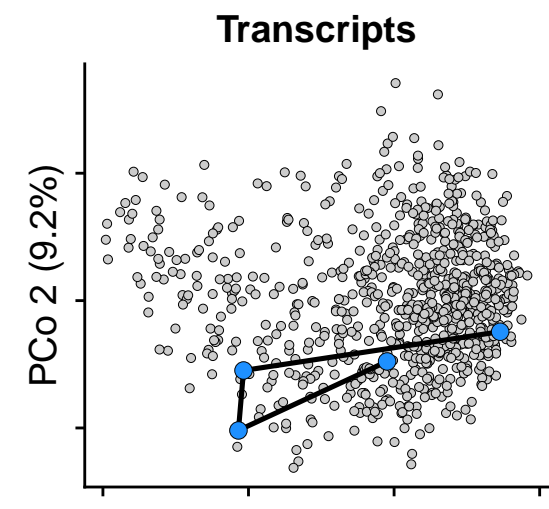
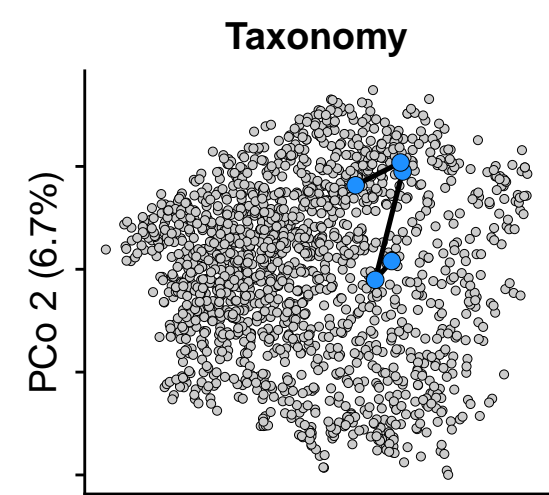
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown



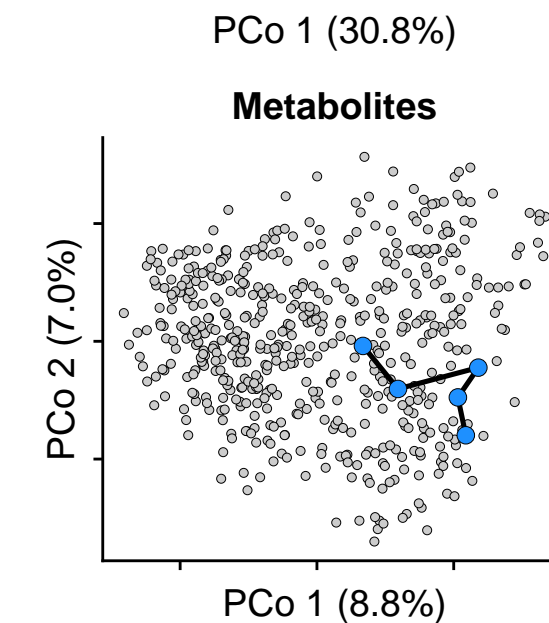
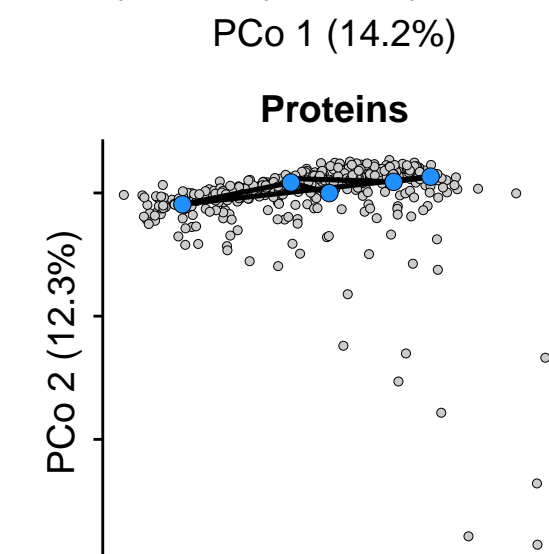
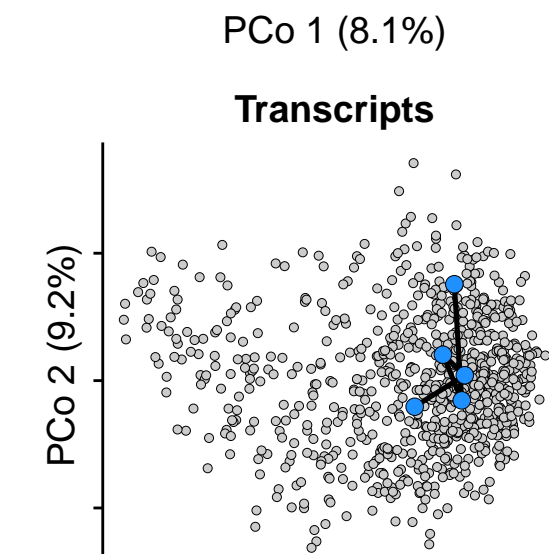
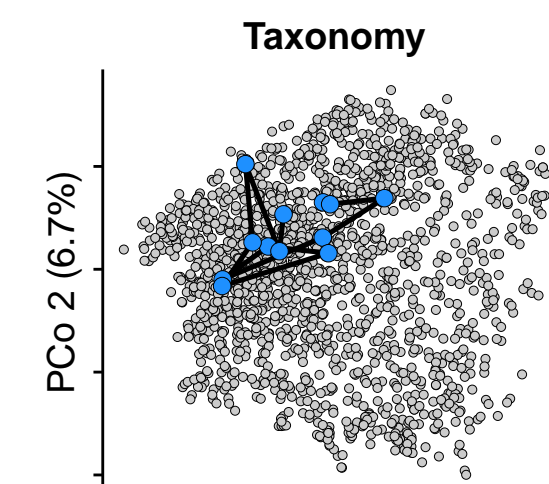
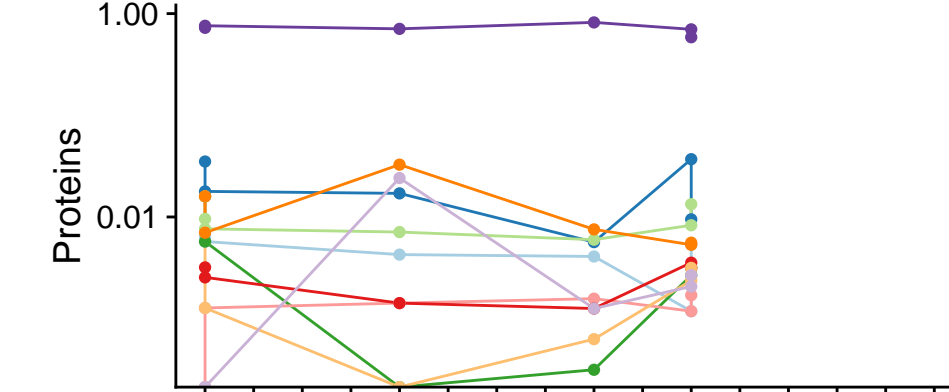
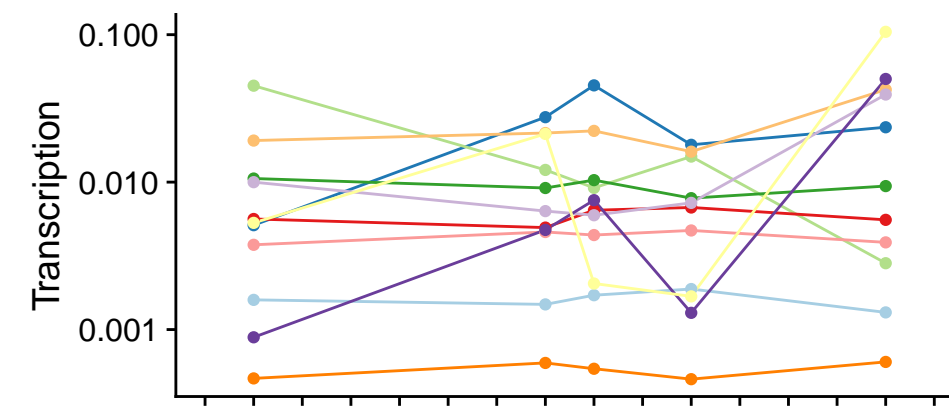
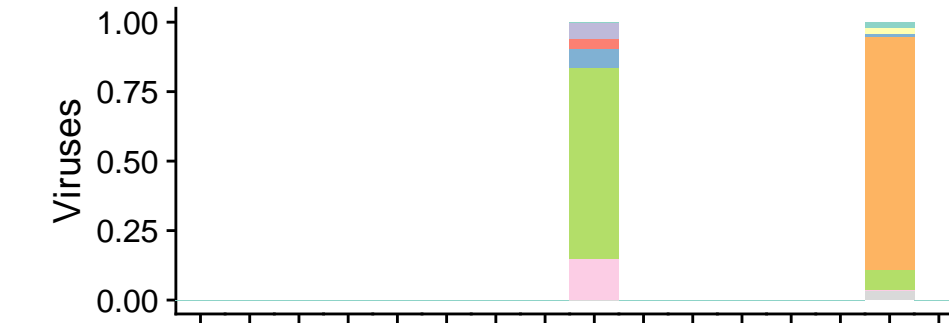
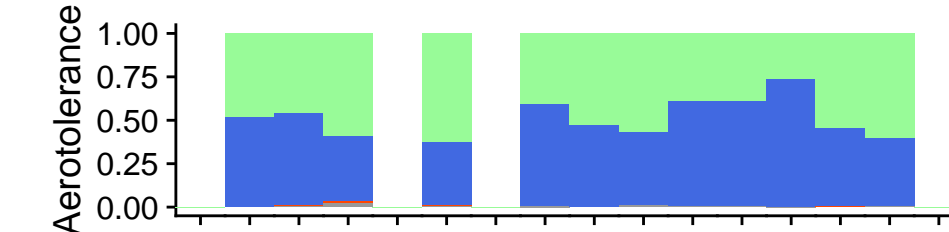
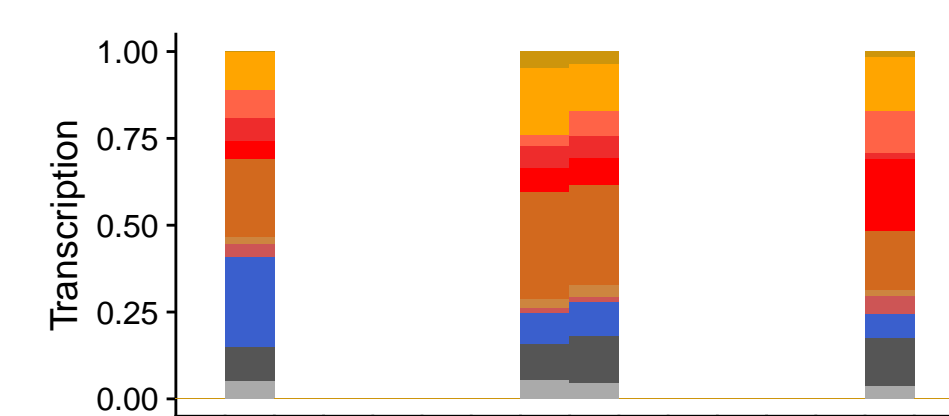
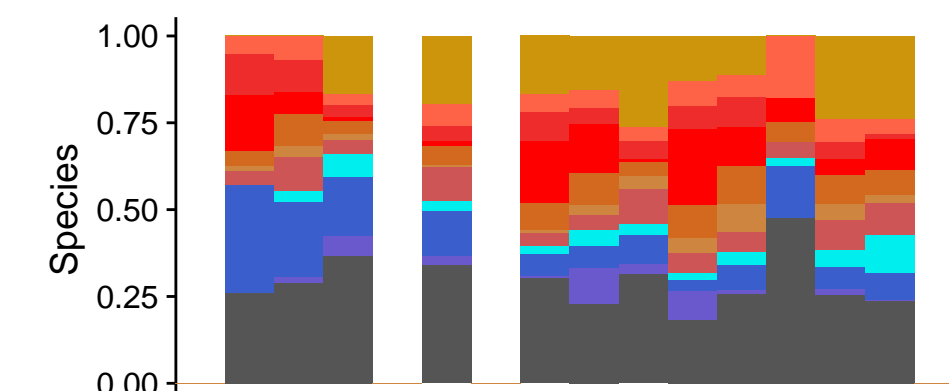
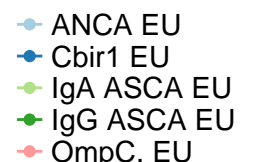
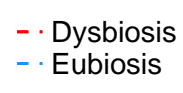
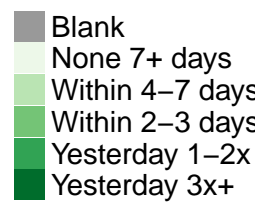
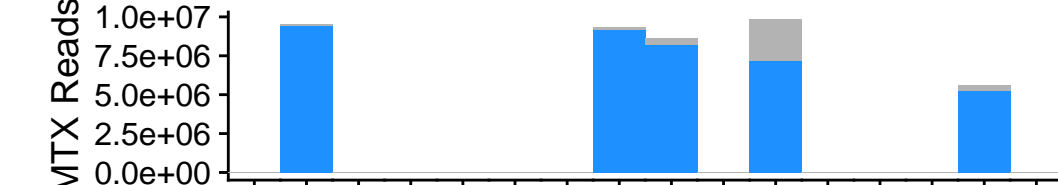
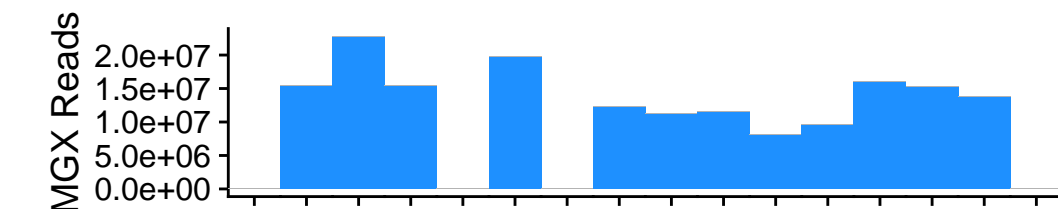
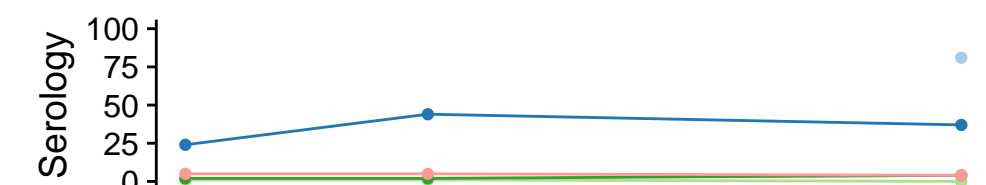
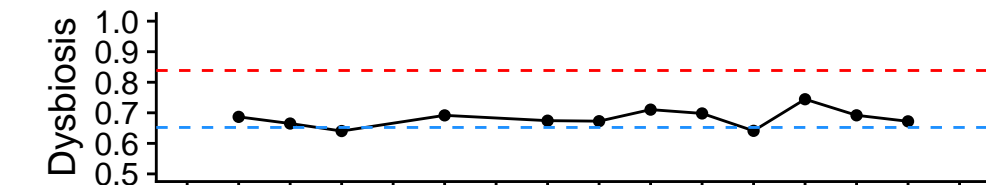
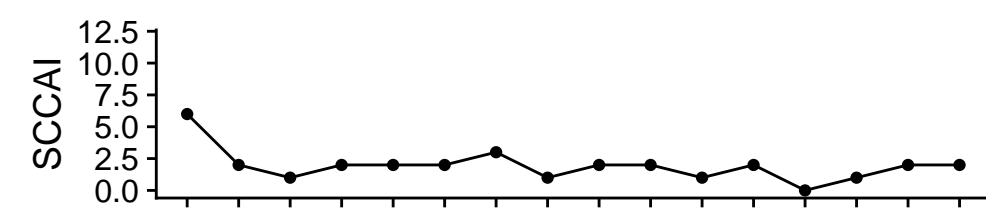
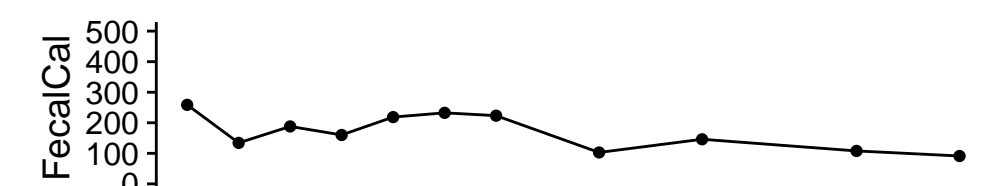
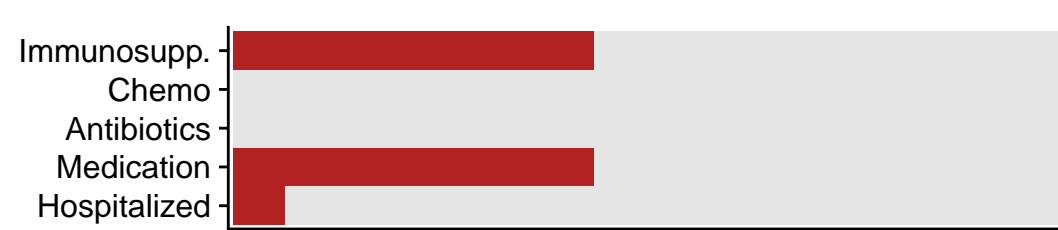
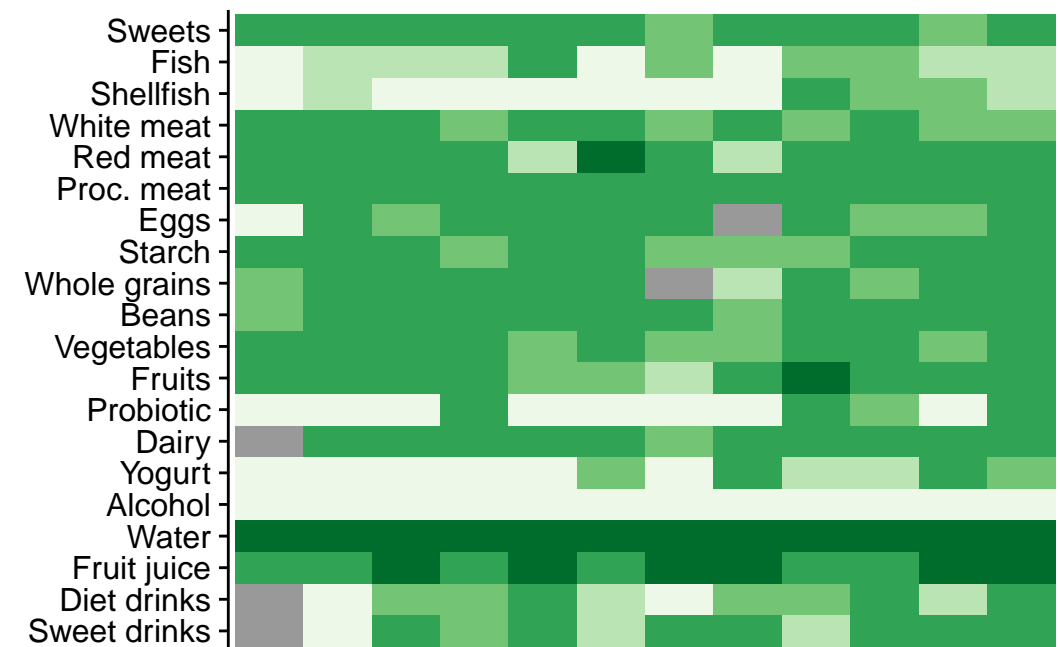
- K00973: glucose-1-phosphate thymidyltra...
- K01876: aspartyl-tRNA synthetase [EC:6.1.1...
- K02078: acyl carrier protein
- K02959: small subunit ribosomal protein S16
- K02968: small subunit ribosomal protein S20
- K03040: DNA-directed RNA polymerase sub...
- K03088: RNA polymerase sigma-70 factor, E...
- K04077: chaperonin GroEL
- K04078: chaperonin GroES
- K06153: undecaprenyl-diphosphatase [EC:3....
- K09761: ribosomal RNA small subunit methyl...



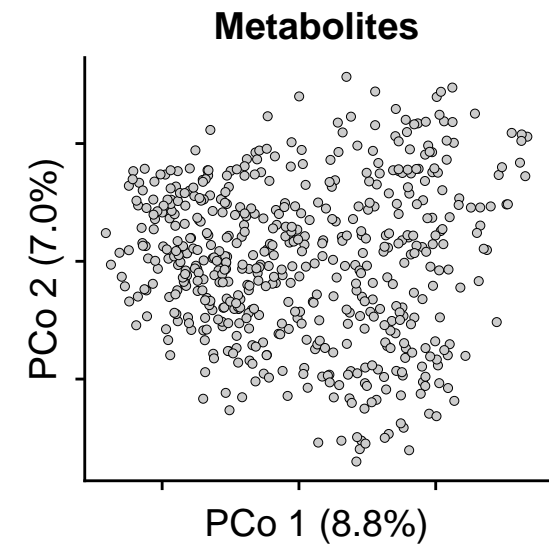
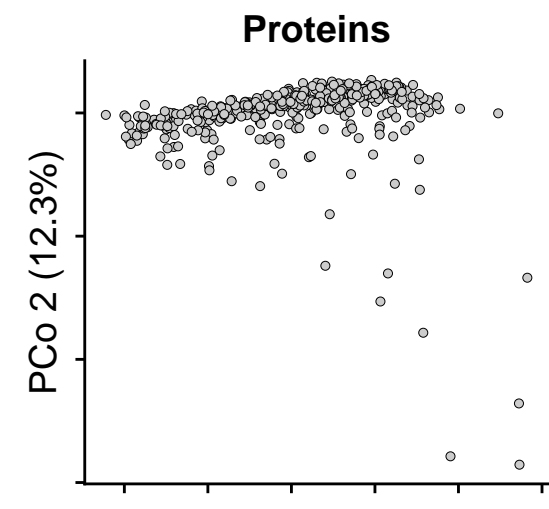
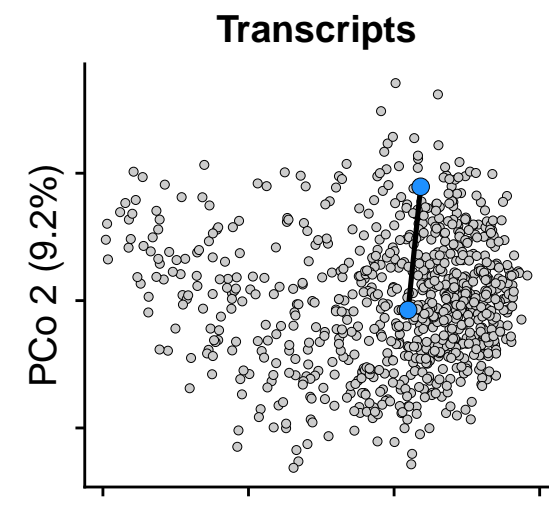
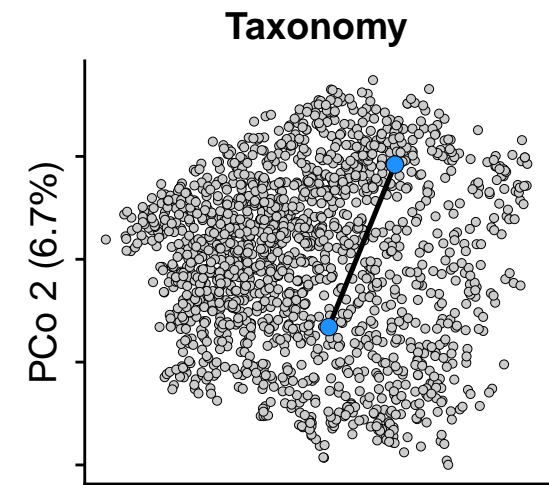
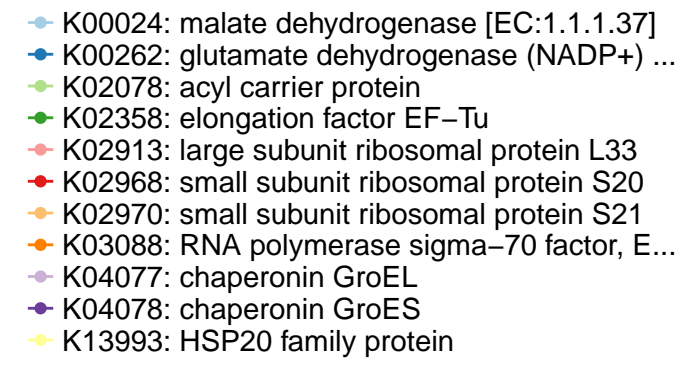
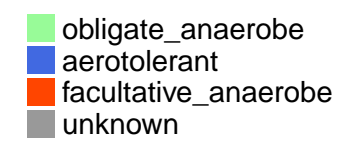
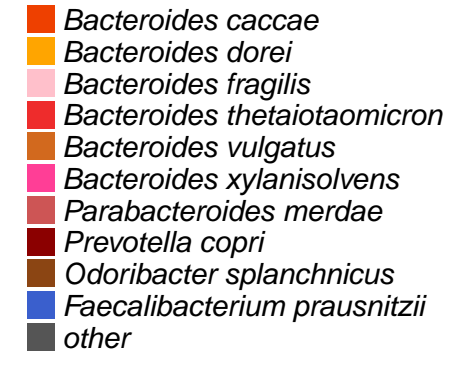
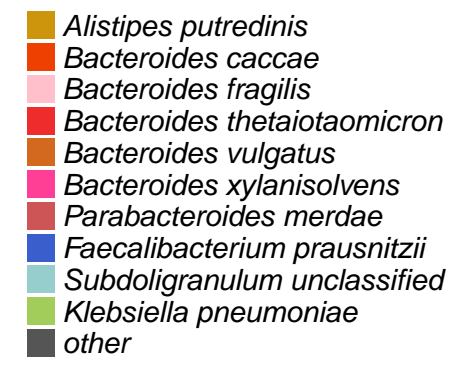
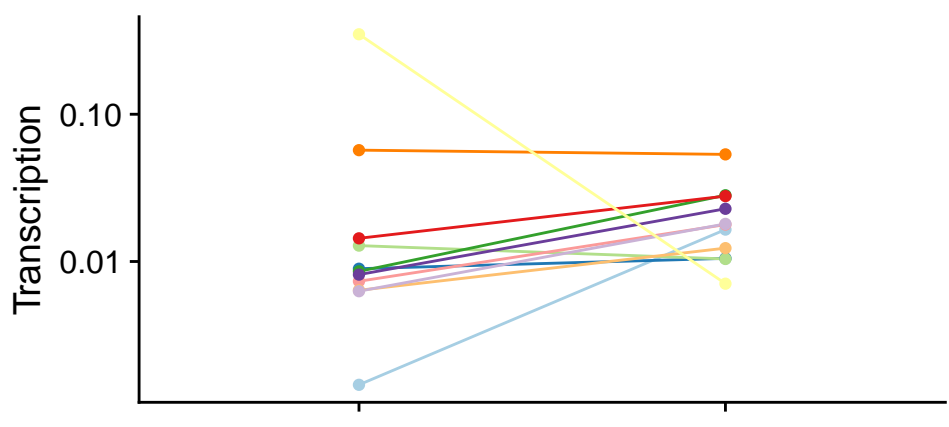
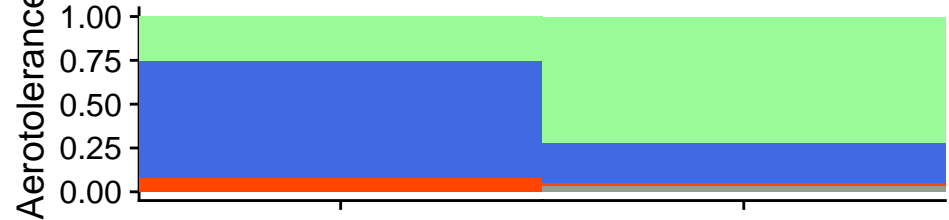
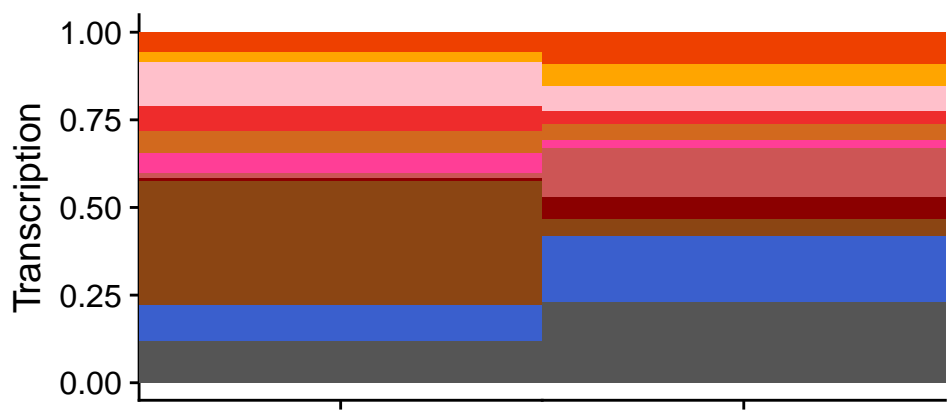
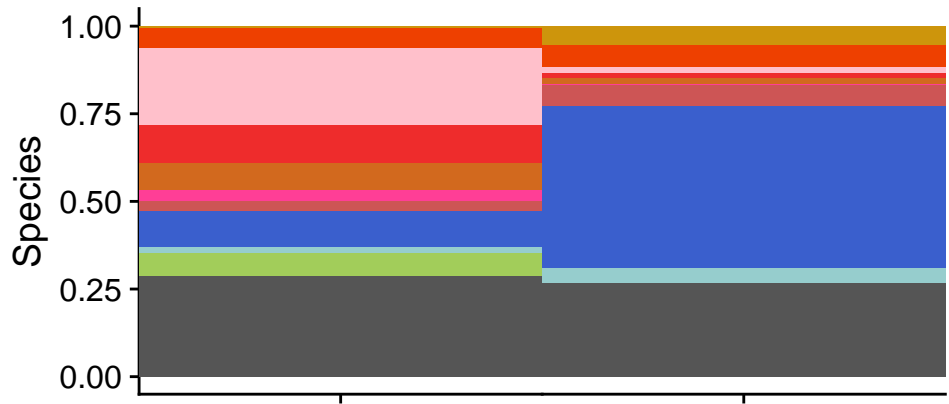
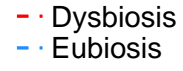
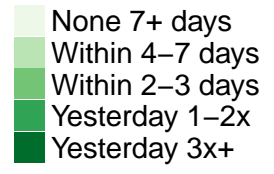
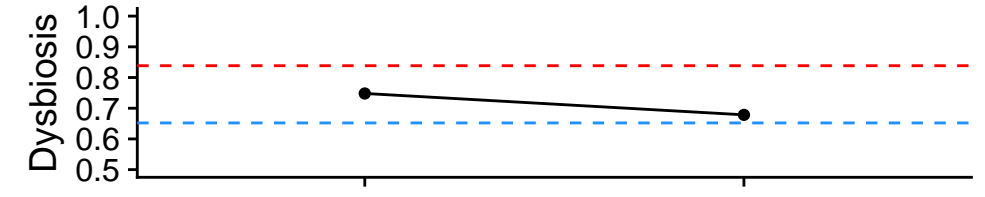
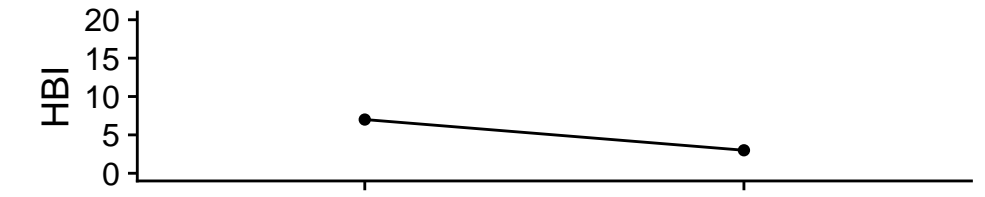
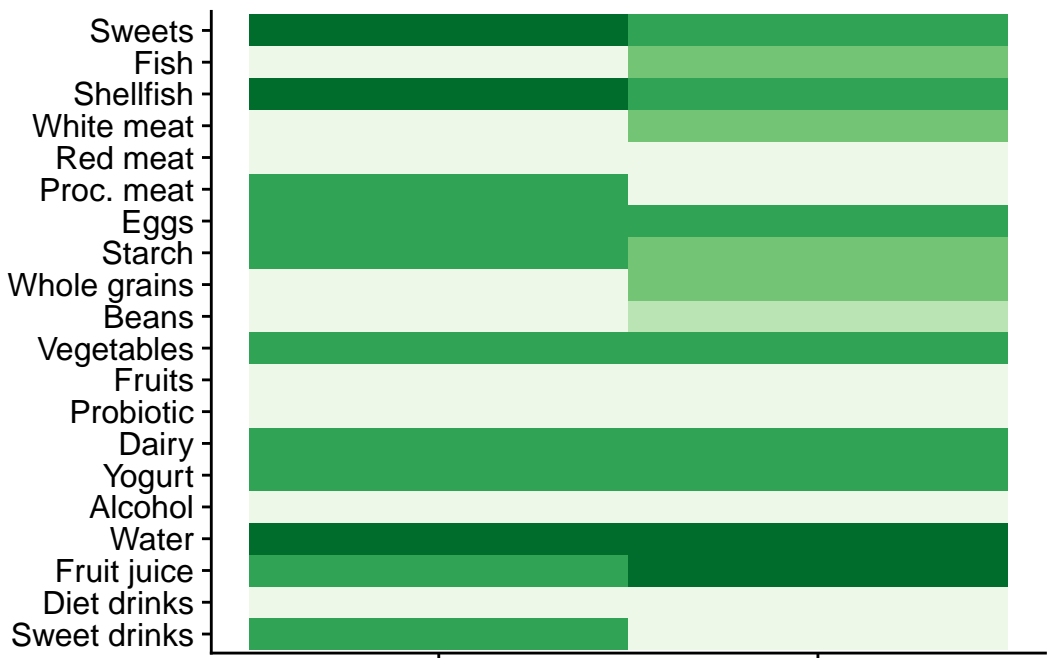
- K00262: glutamate dehydrogenase (NADP+) ...
- K00789: S-adenosylmethionine synthetase [...
- K00831: phosphoserine aminotransferase [E...
- K01610: phosphoenolpyruvate carboxykinase...
- K01803: triphosphate isomerase (TIM) [E...
- K01805: xylose isomerase [EC:5.3.1.5]
- K01812: glucuronate isomerase [EC:5.3.1.12]
- K10117: raffinose/stachyose/melibiose transp...
- K15580: oligopeptide transport substr...
- UNGROUPED



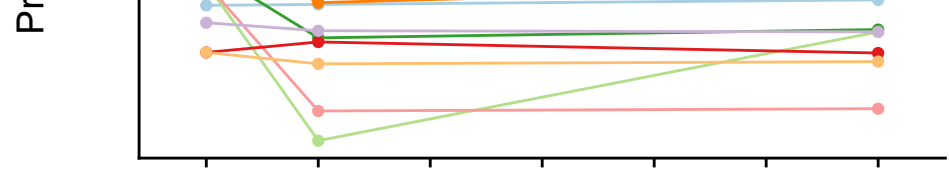
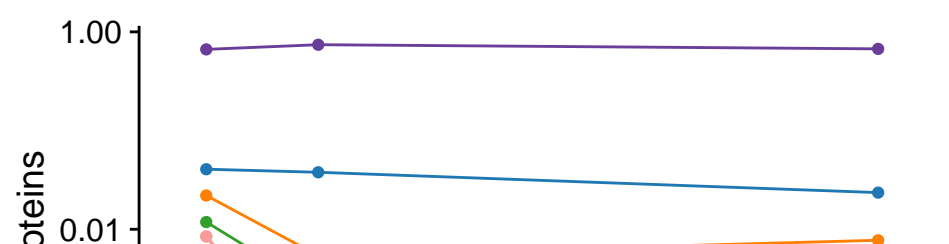
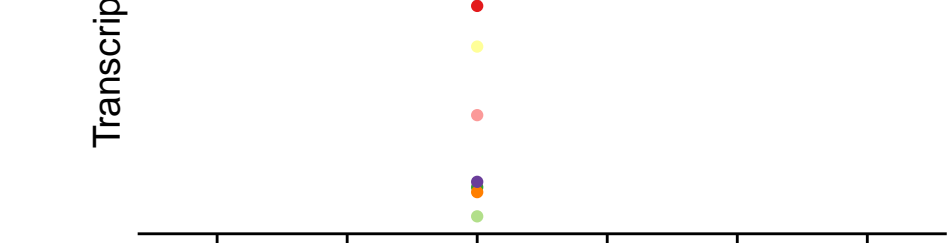
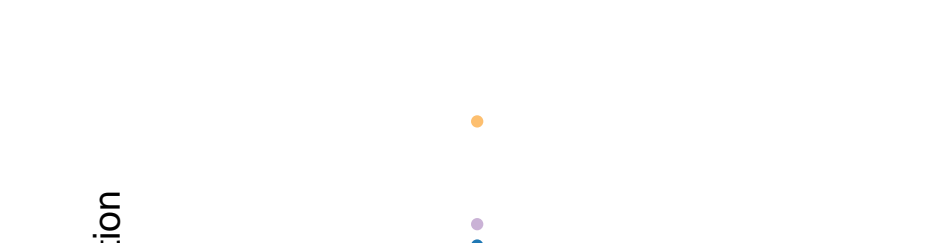
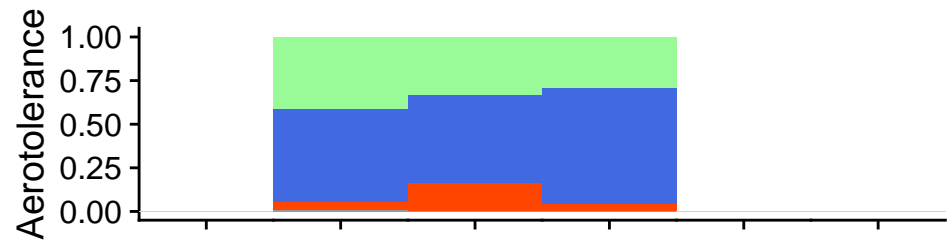
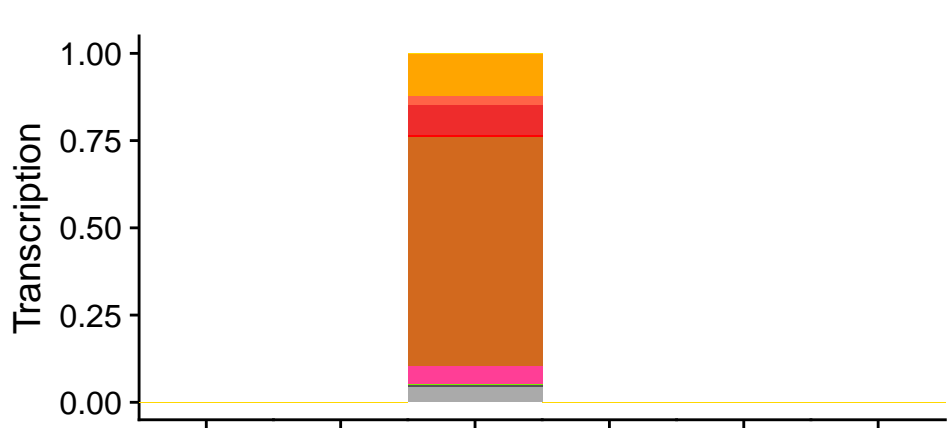
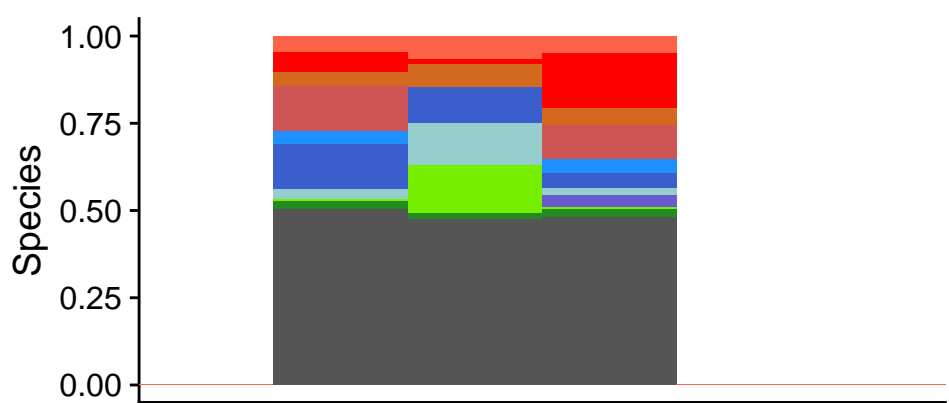
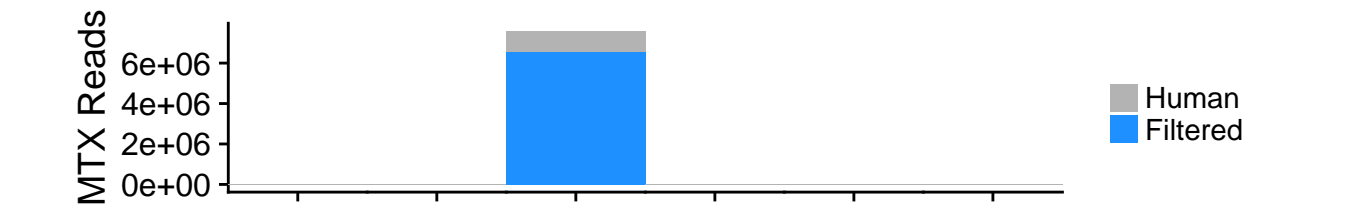
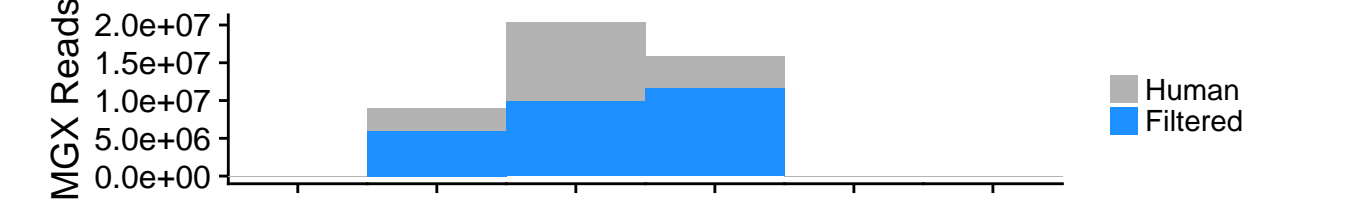
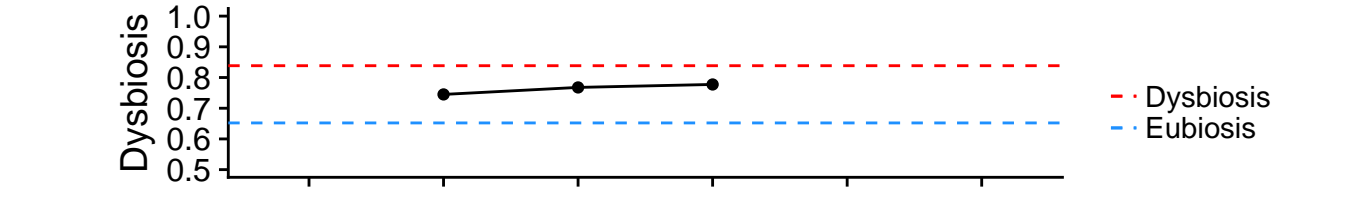
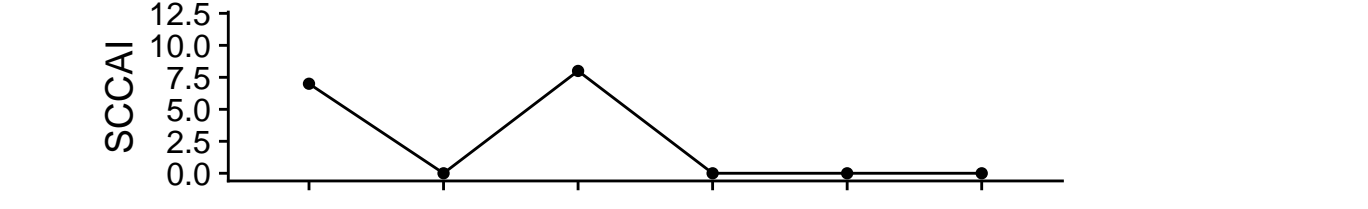
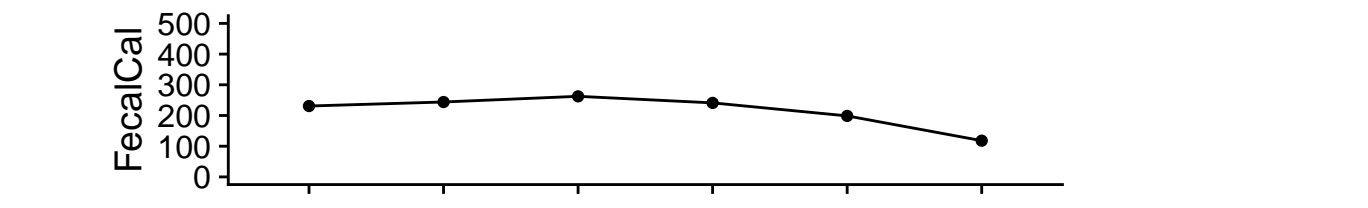
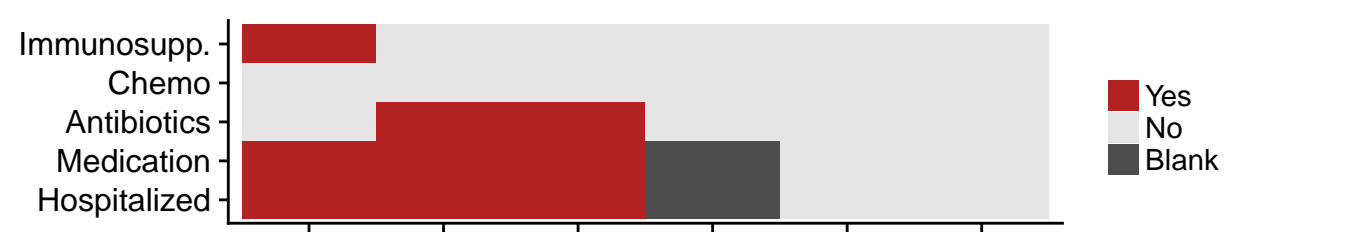
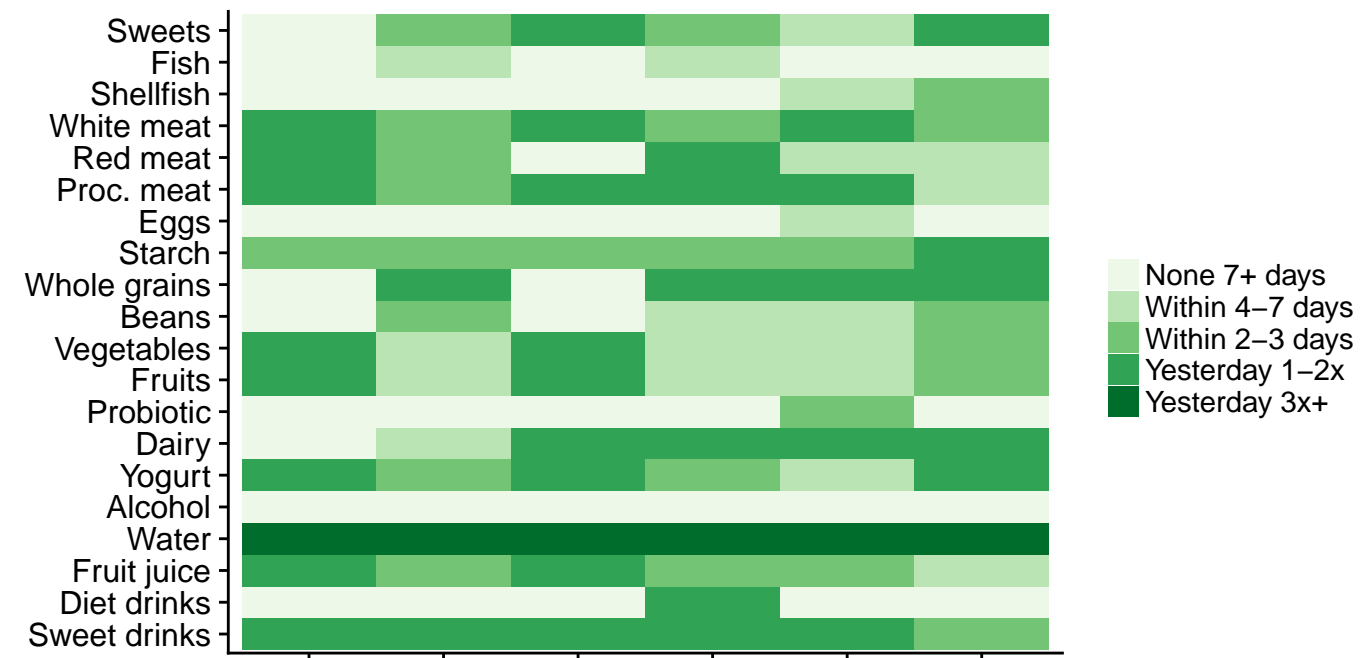
E5004: 7 Female Black or African American Emory | UC



E5006: NA Male Black or African American Emory | CD



E5008: 13 Male Black or African American Emory | UC



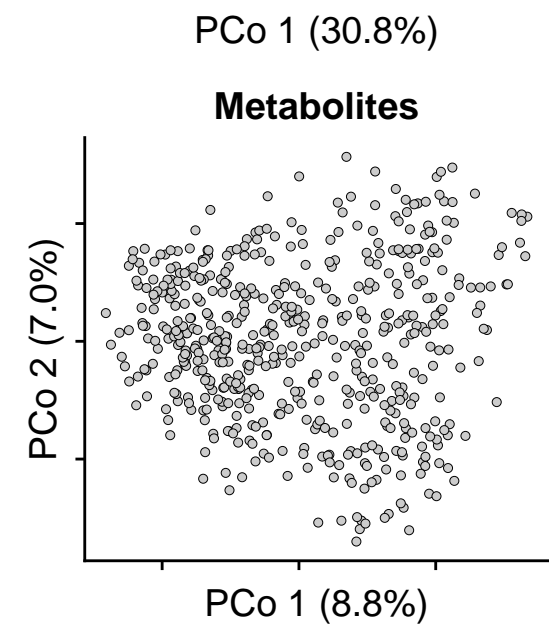
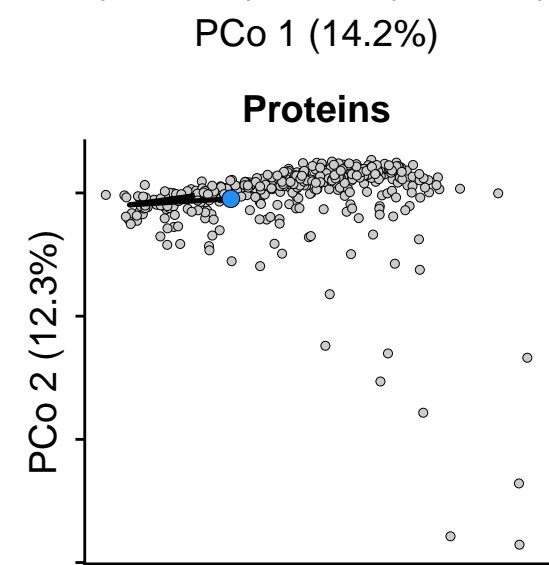
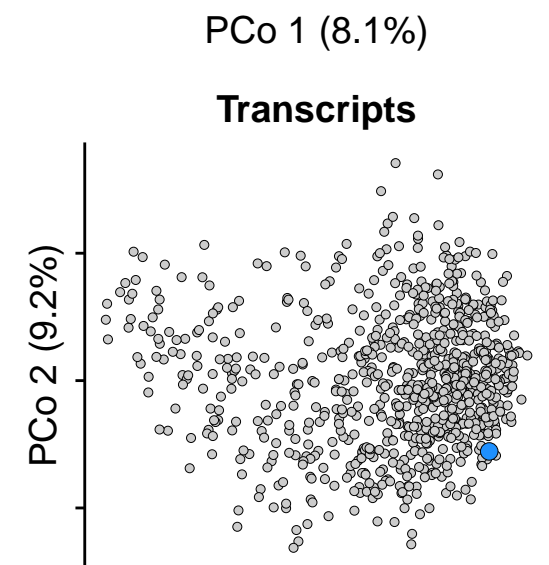
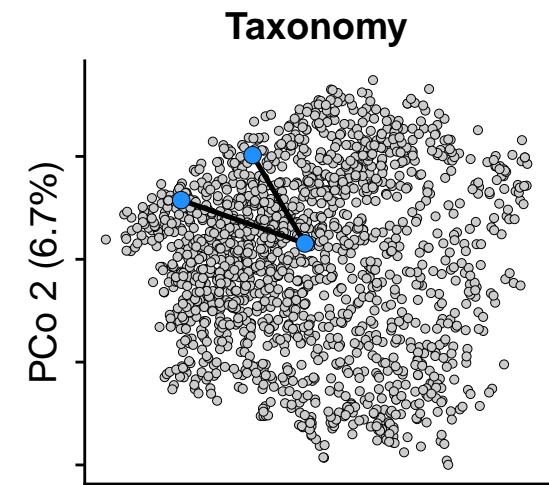
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides merdae
- Eubacterium eligens
- Faecalibacterium prausnitzii
- Subdoligranulum unclassified
- Roseburia intestinalis
- Escherichia coli
- Haemophilus parainfluenzae
- other

- Alistipes onderdonkii
- Bacteroides dorei
- Bacteroides ovatus
- Bacteroides thetaiotaomicron
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides xylanisolvens
- Faecalibacterium prausnitzii
- Escherichia coli
- other
- unclassified

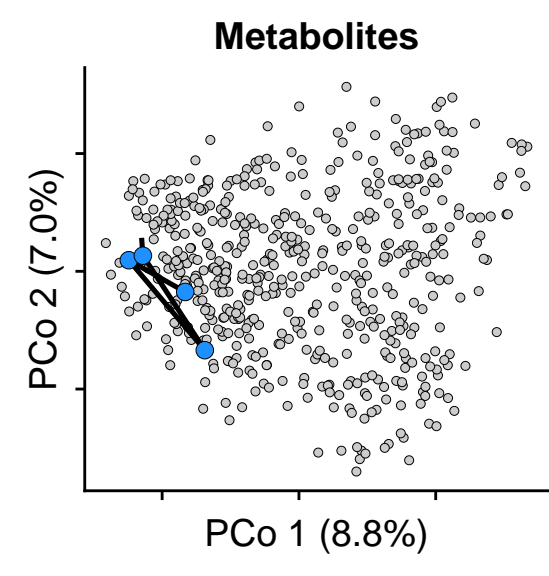
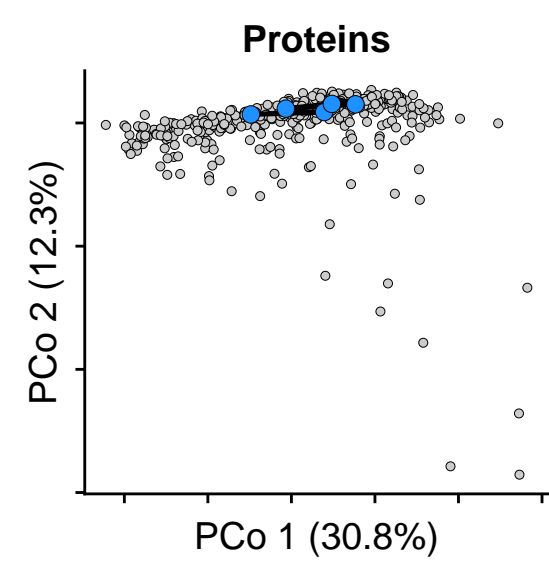
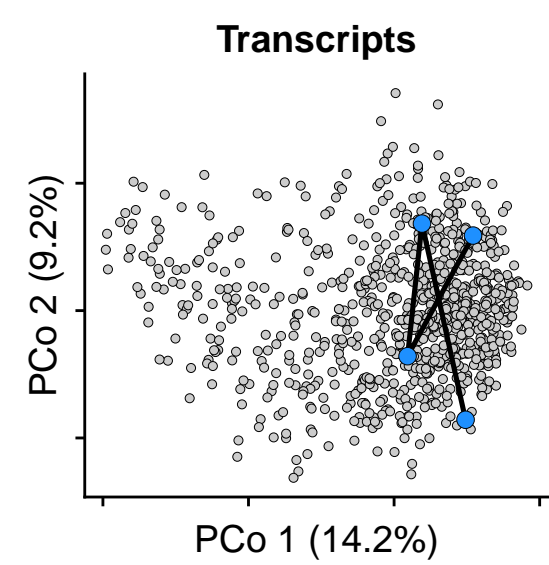
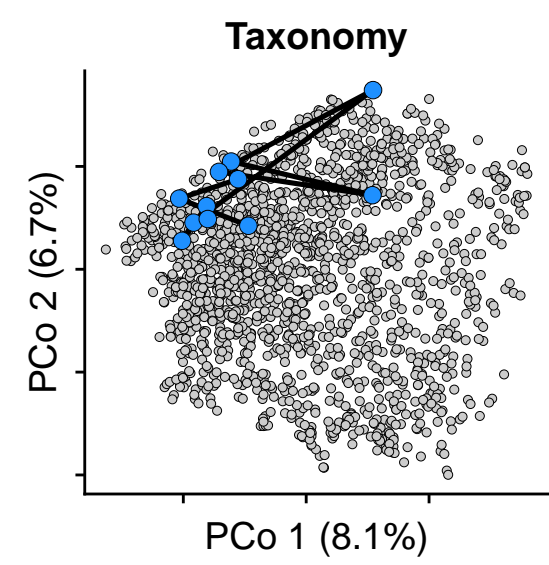
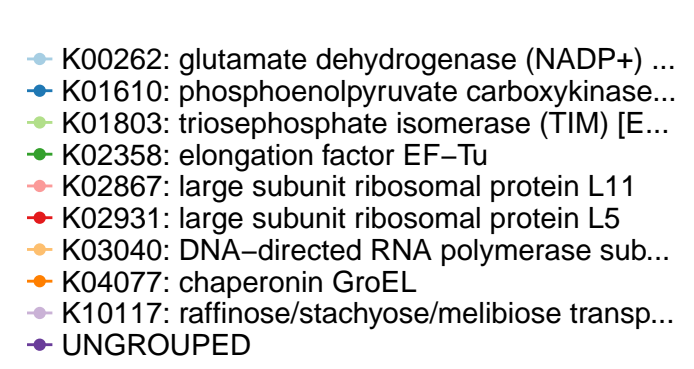
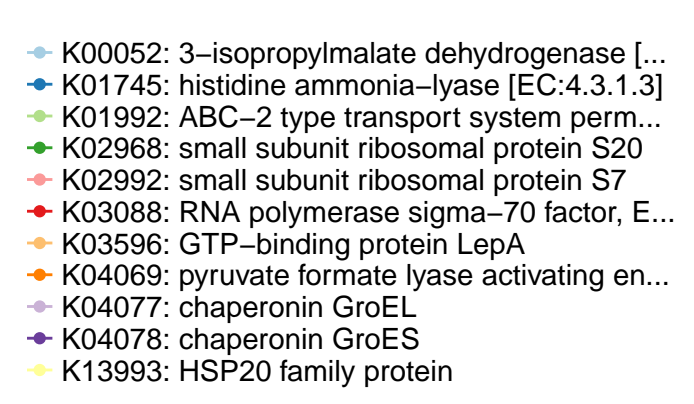
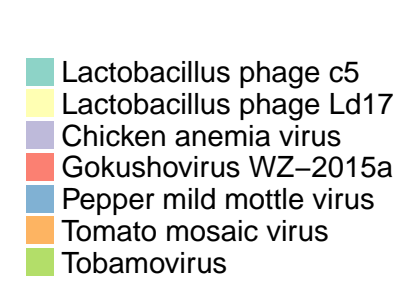
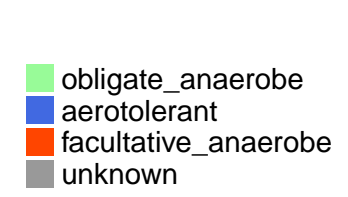
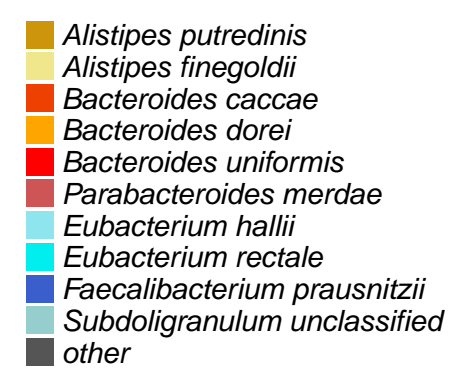
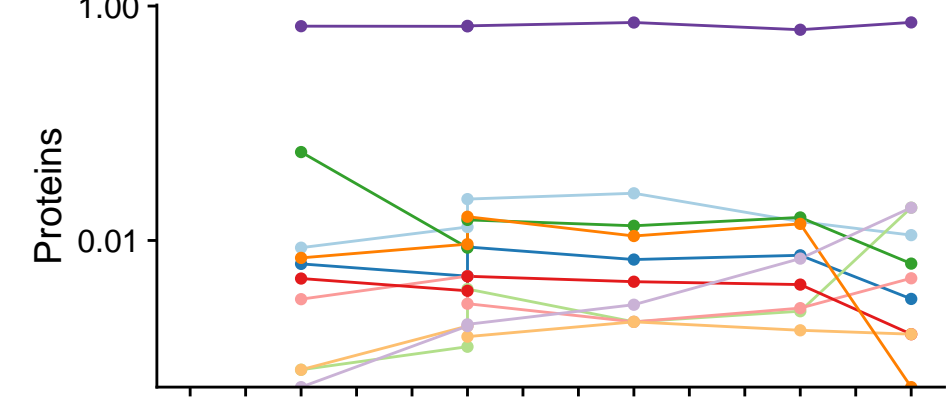
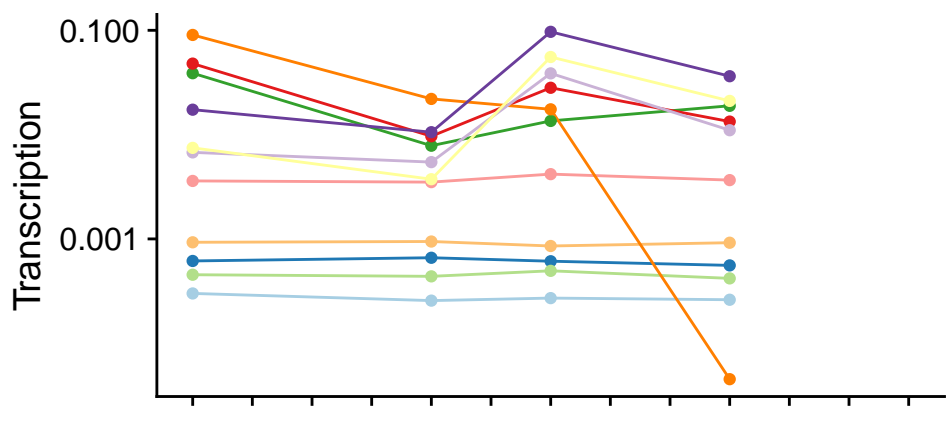
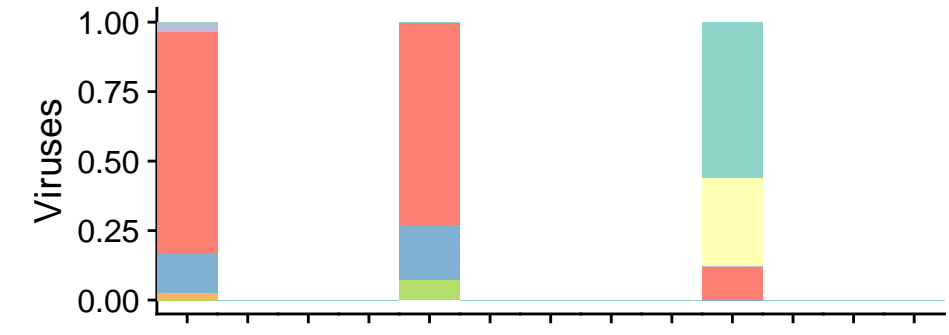
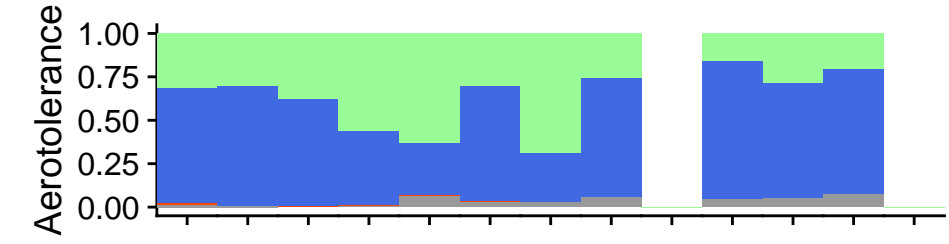
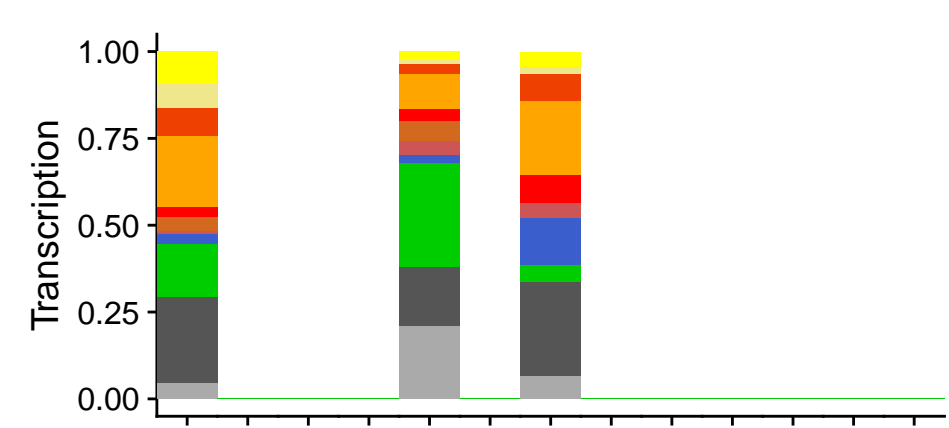
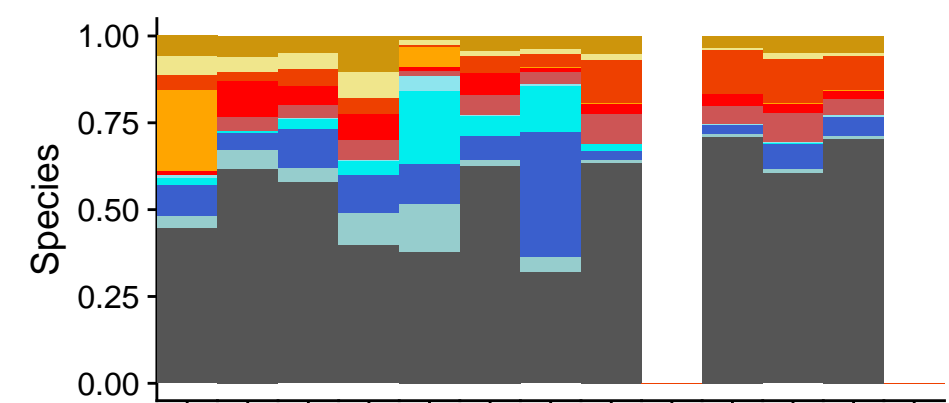
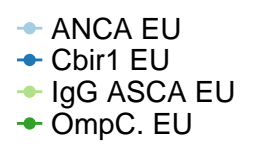
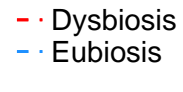
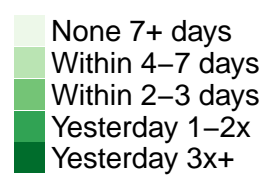
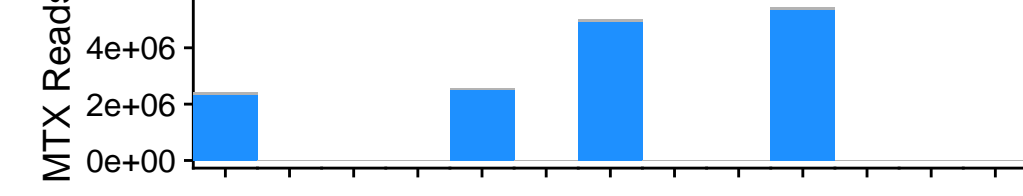
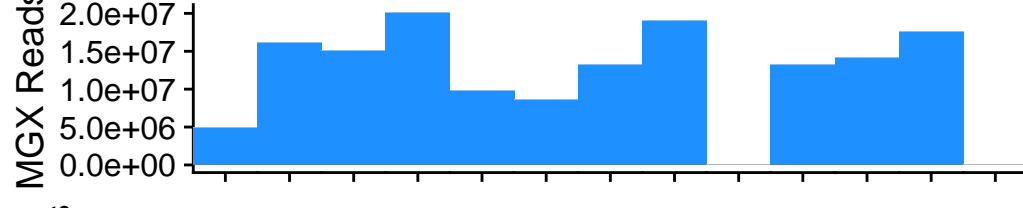
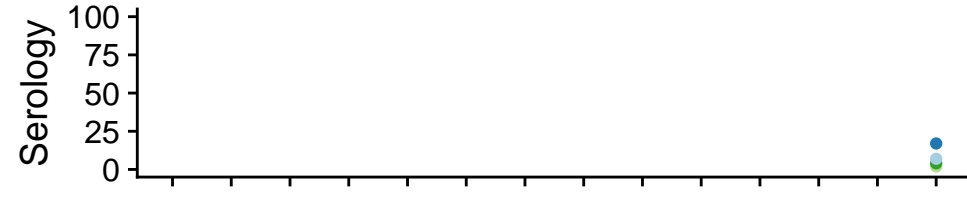
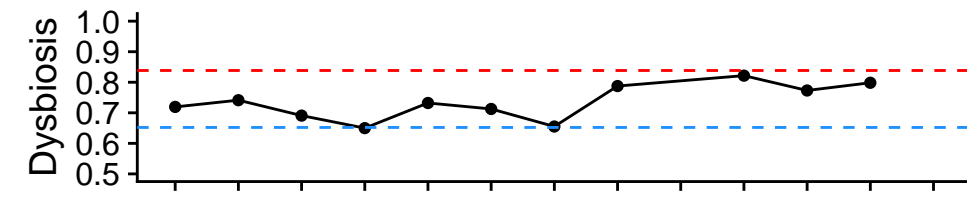
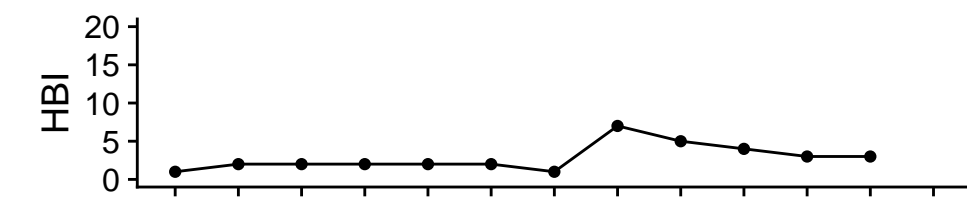
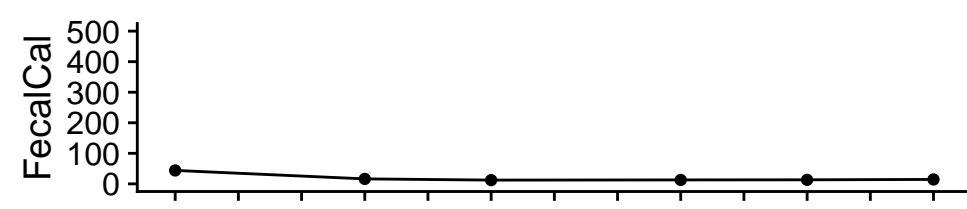
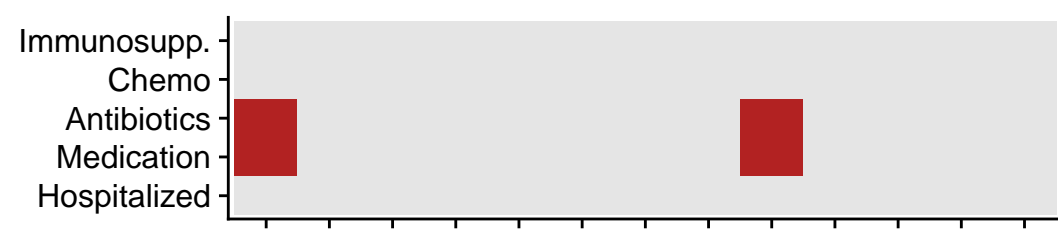
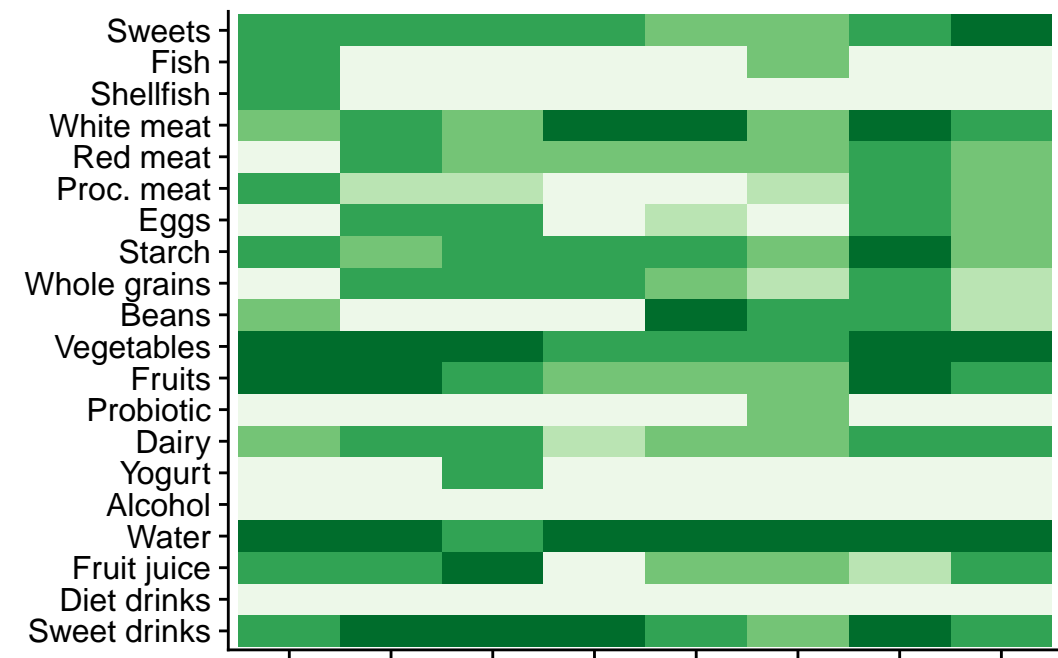
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown

- K02078: acyl carrier protein
- K02358: elongation factor EF-Tu
- K02886: large subunit ribosomal protein L2
- K02890: large subunit ribosomal protein L22
- K02919: large subunit ribosomal protein L36
- K02935: large subunit ribosomal protein L7/L...
- K02968: small subunit ribosomal protein S20
- K02970: small subunit ribosomal protein S21
- K02982: small subunit ribosomal protein S3
- K02992: small subunit ribosomal protein S7
- K04078: chaperonin GroES

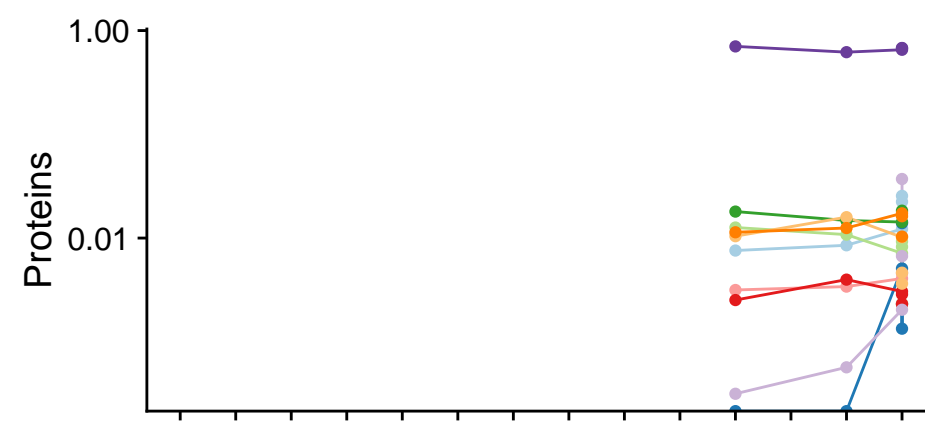
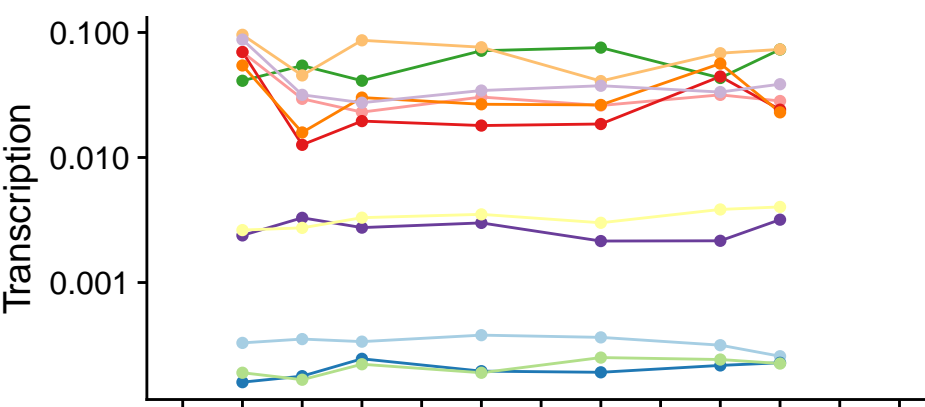
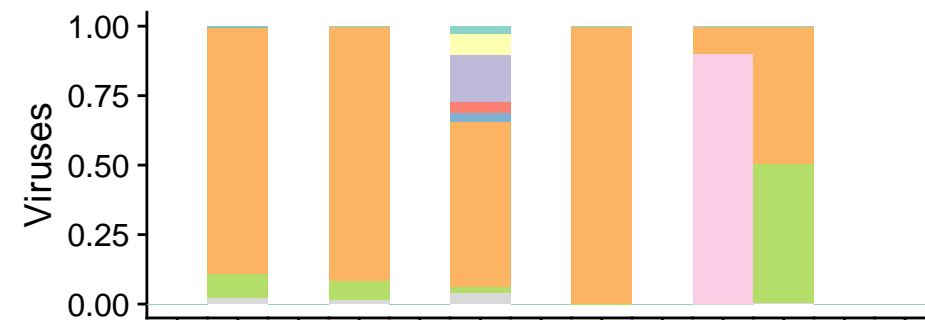
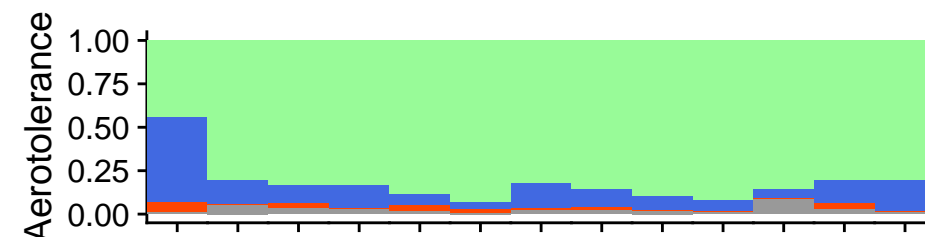
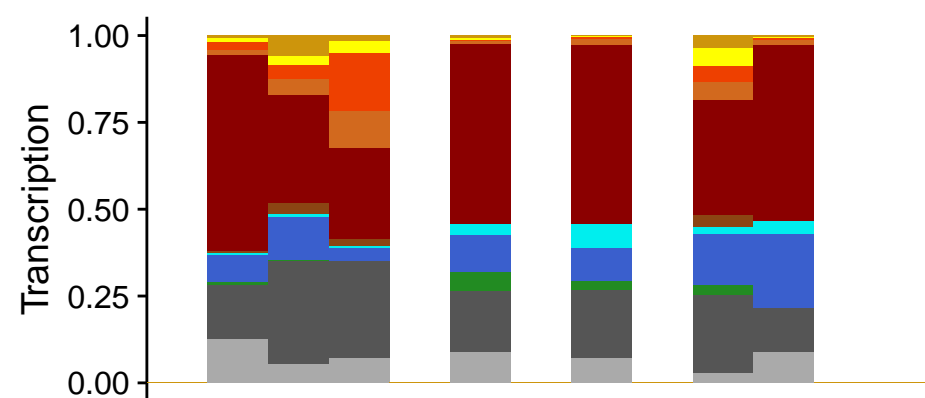
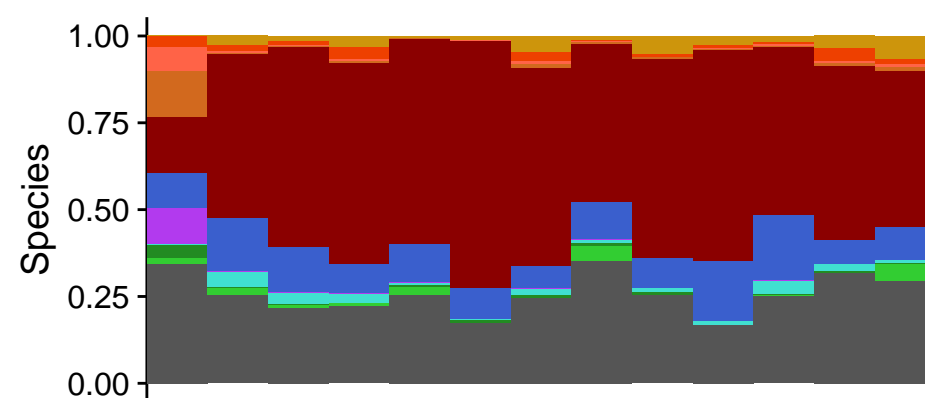
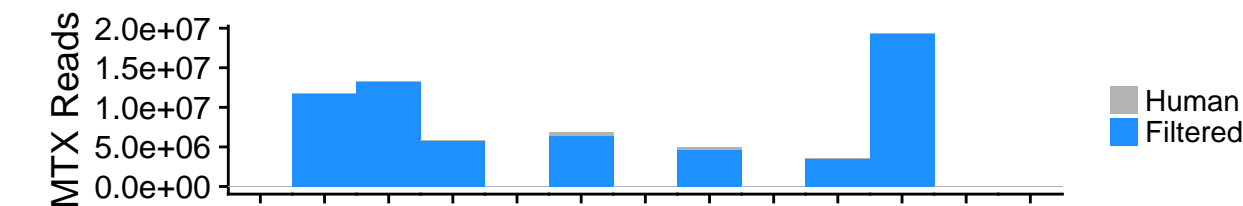
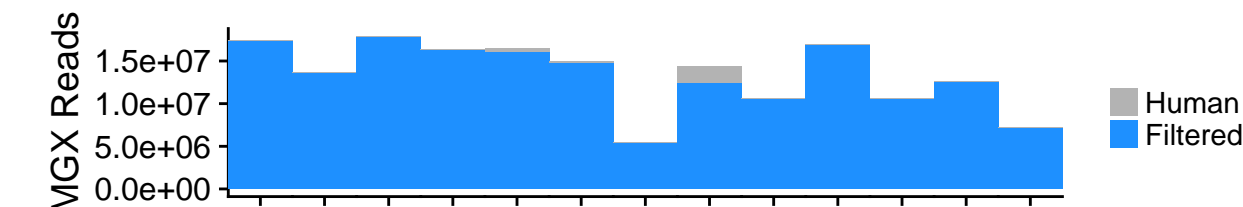
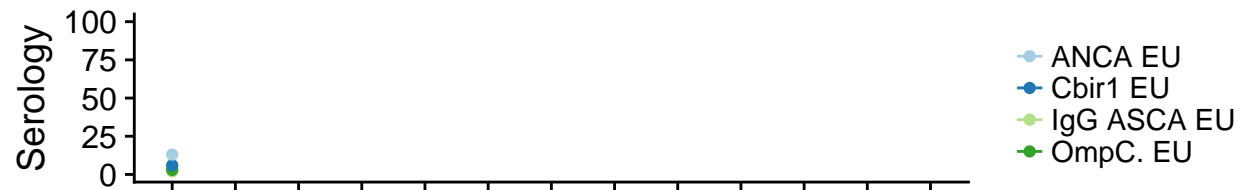
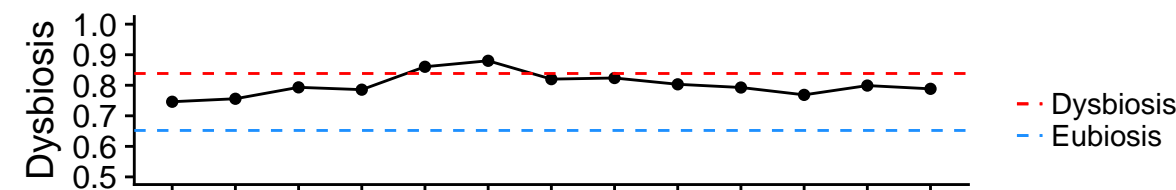
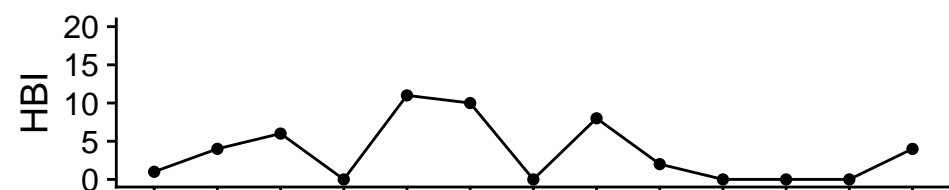
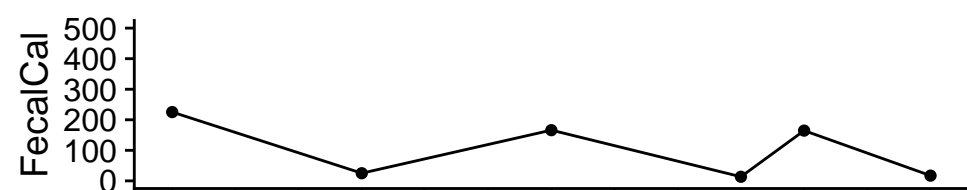
- K00134: glyceraldehyde 3-phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K01689: enolase [EC:4.2.1.11]
- K02867: large subunit ribosomal protein L11
- K02879: large subunit ribosomal protein L17
- K02982: small subunit ribosomal protein S3
- K03695: ATP-dependent Clp protease ATP-...
- K04043: molecular chaperone DnaK
- K07175: PhoH-like ATPase
- UNGROUPED



E5009: 17 Female White Emory | CD L1



E5013: 15 Female More than one race Emory | CD L1



- Alistipes putredinis*
- Bacteroides caccae*
- Bacteroides ovatus*
- Bacteroides vulgatus*
- Prevotella copri*
- Faecalibacterium prausnitzii*
- Ruminococcus torques*
- Phascolarctobacterium succinatutens*
- Haemophilus parainfluenzae*
- Sutterella wadsworthensis*
- other

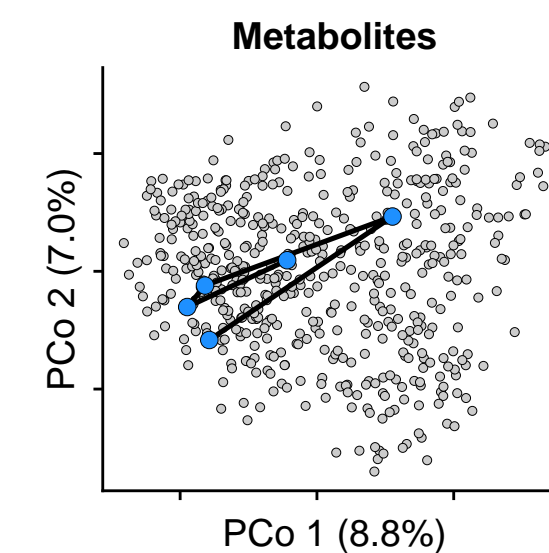
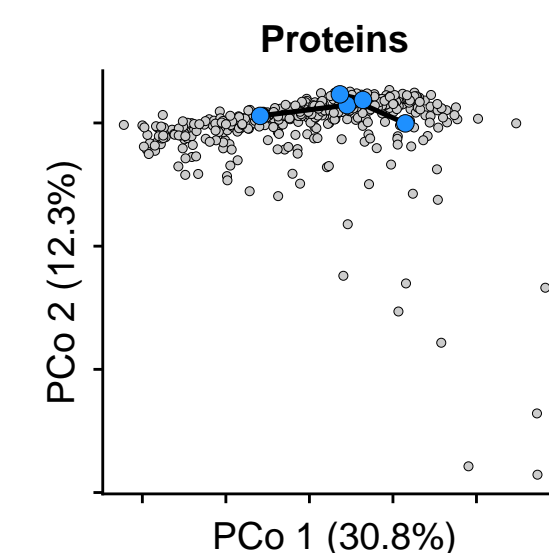
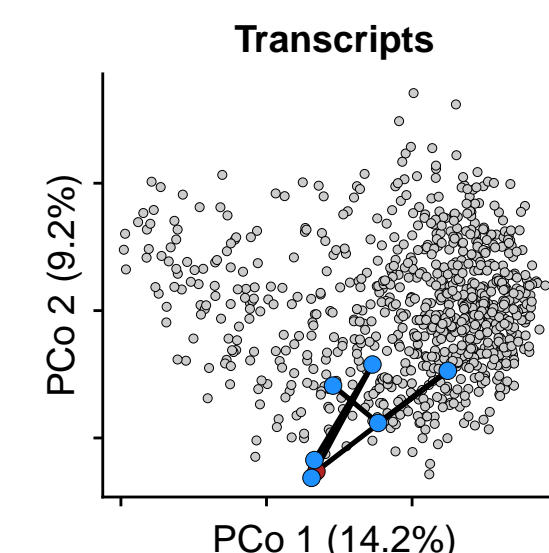
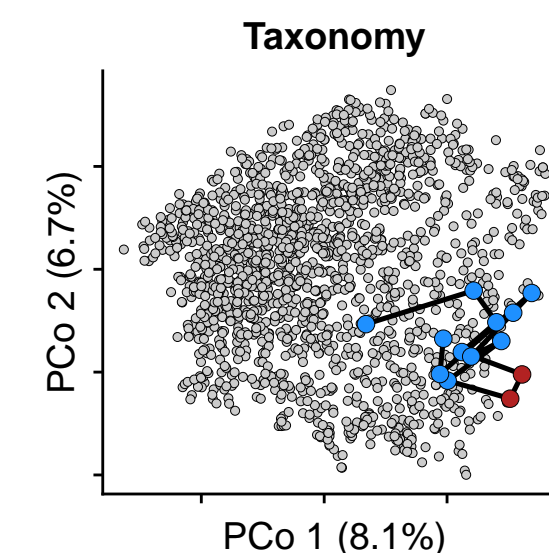
- Alistipes putredinis*
- Alistipes shahii*
- Bacteroides caccae*
- Bacteroides vulgatus*
- Prevotella copri*
- Odoribacter splanchnicus*
- Eubacterium rectale*
- Faecalibacterium prausnitzii*
- Haemophilus parainfluenzae*
- other
- unclassified

- obligate_anaerobe
- aerotolerant
- facultative_anaerobe
- unknown

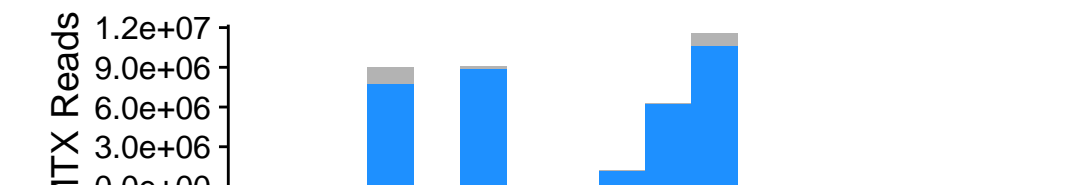
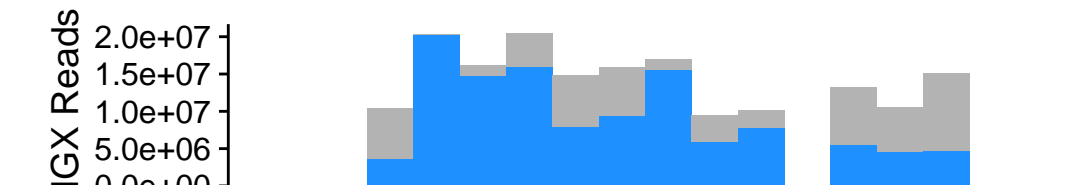
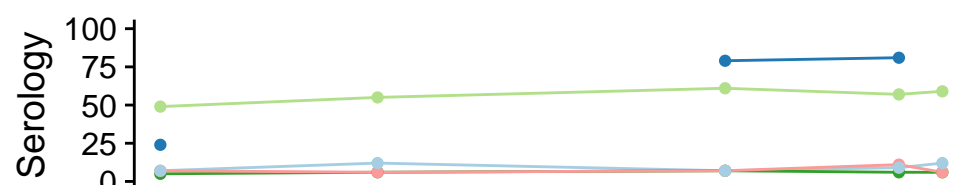
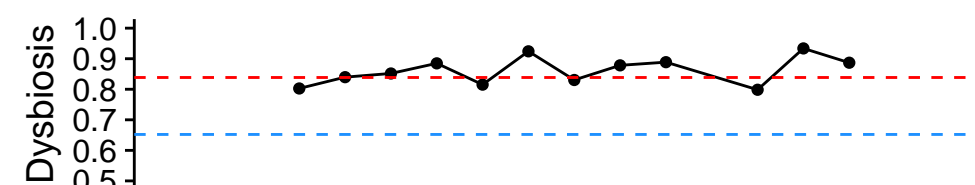
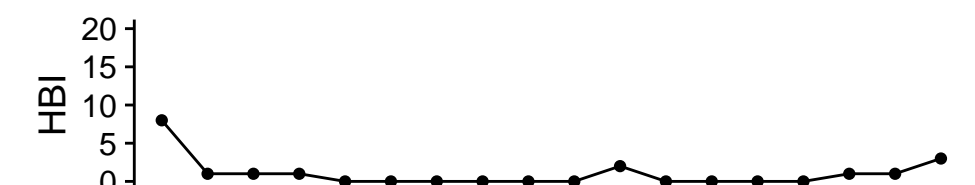
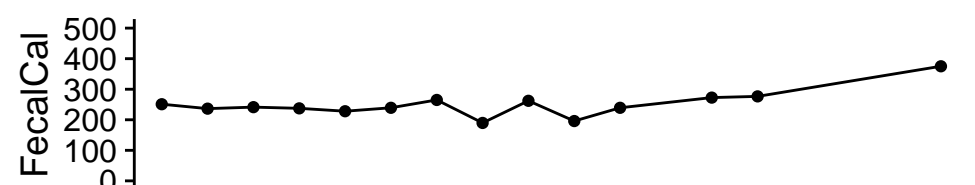
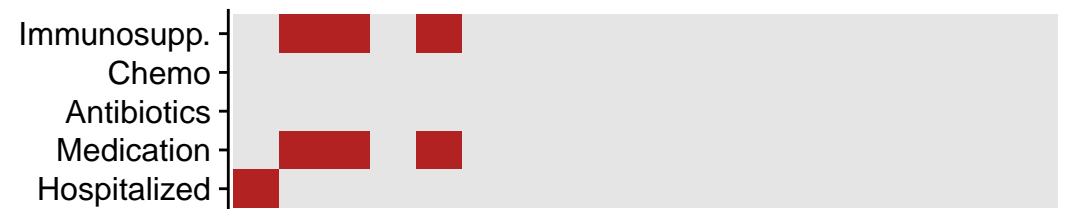
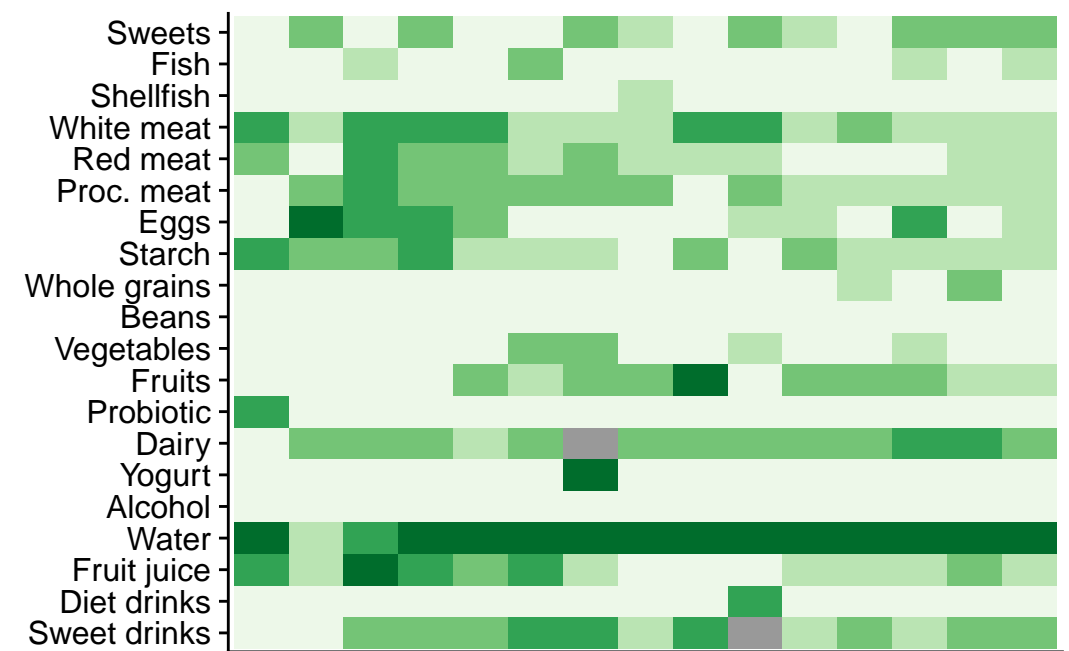
- Pseudomonas phage UNO-SLW1*
- Pseudomonas phage PPpW-4*
- Sk1virus*
- unclassified Siphoviridae
- Gokushovirus WZ-2015a*
- Pepper mild mottle virus*
- Tomato mottle mosaic virus*
- other

- K00939: adenylate kinase [EC:2.7.4.3]
- K01885: glutamyl-tRNA synthetase [EC:6.1.1.10]
- K01886: glutamyl-tRNA synthetase [EC:6.1.1.10]
- K02358: elongation factor EF-Tu
- K02886: large subunit ribosomal protein L2
- K02892: large subunit ribosomal protein L23
- K02914: large subunit ribosomal protein L34
- K02950: small subunit ribosomal protein S12
- K02965: small subunit ribosomal protein S19
- K02982: small subunit ribosomal protein S3
- K02992: small subunit ribosomal protein S7

- K00262: glutamate dehydrogenase (NADP+) dependent
- K01805: xylose isomerase [EC:5.3.1.5]
- K02355: elongation factor EF-G
- K02358: elongation factor EF-Tu
- K02931: large subunit ribosomal protein L5
- K03046: DNA-directed RNA polymerase subunit beta
- K03737: pyruvate-ferredoxin/flavodoxin oxidoreductase
- K04043: molecular chaperone DnaK
- K10117: raffinose/stachyose/melibiose transport
- UNGROUPED



H4001: 14 Male White Cincinnati | CD L3+L4



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

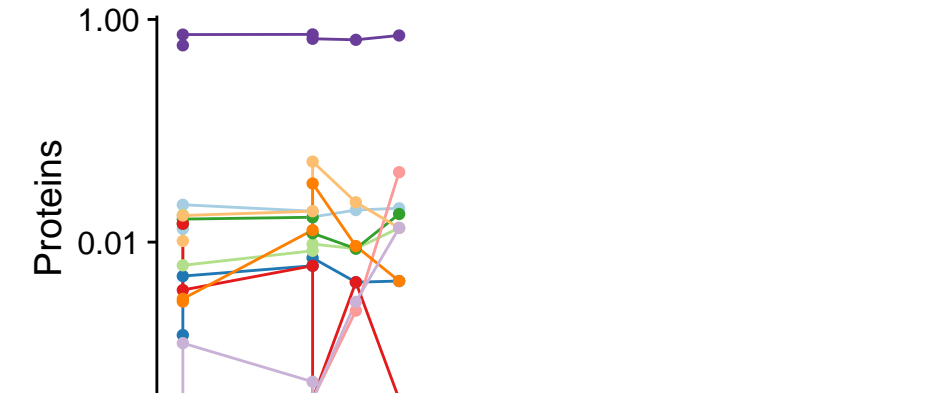
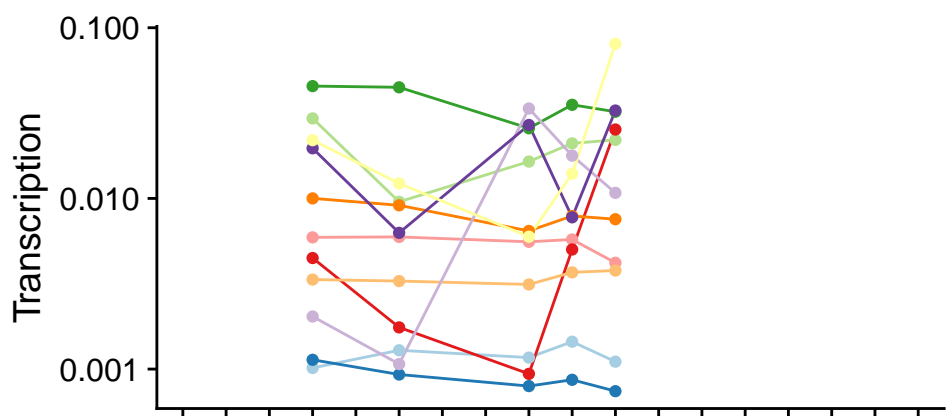
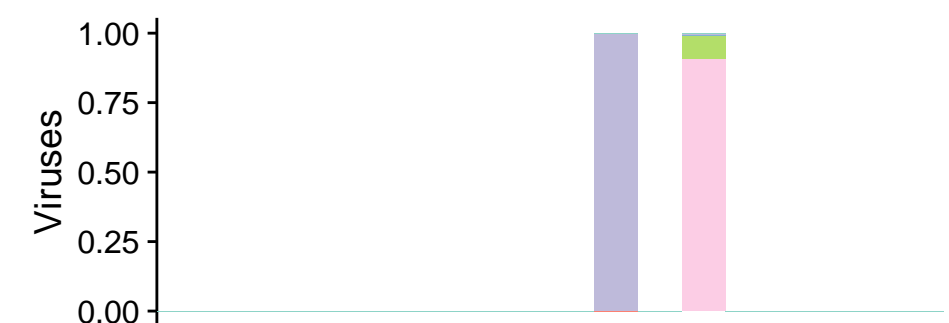
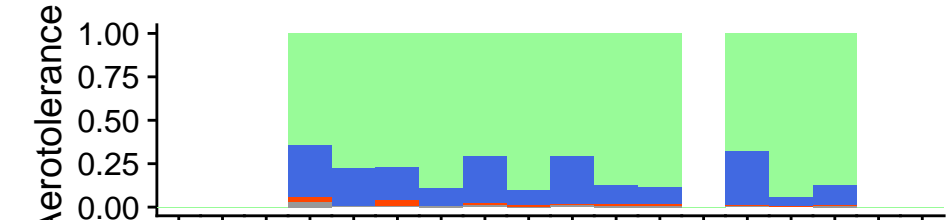
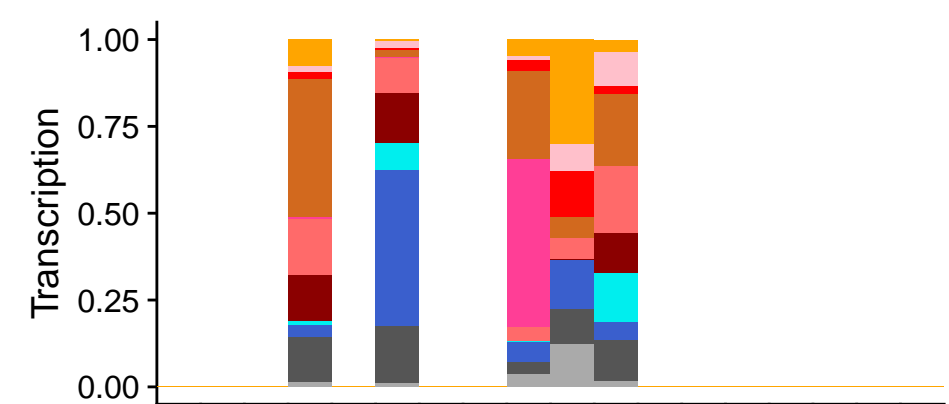
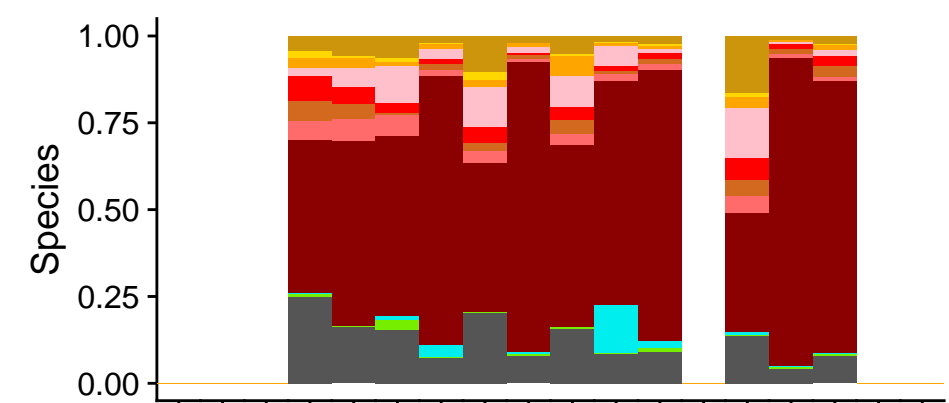
Yes
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Alistipes onderdonkii
Bacteroides dorei
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Prevotella copri
Eubacterium rectale
Escherichia coli
other

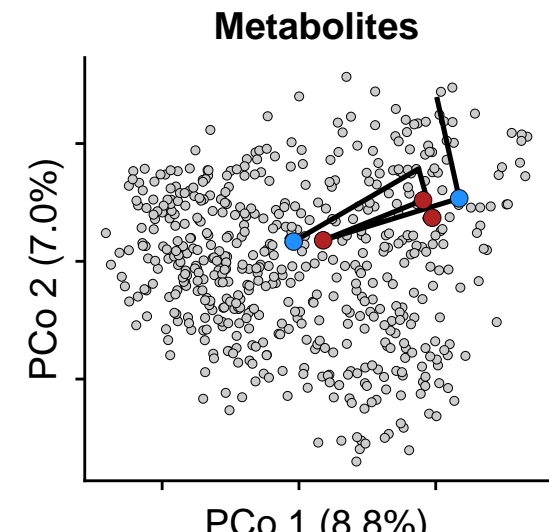
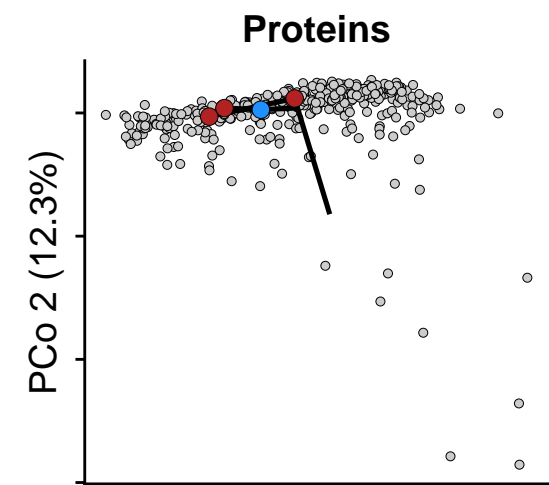
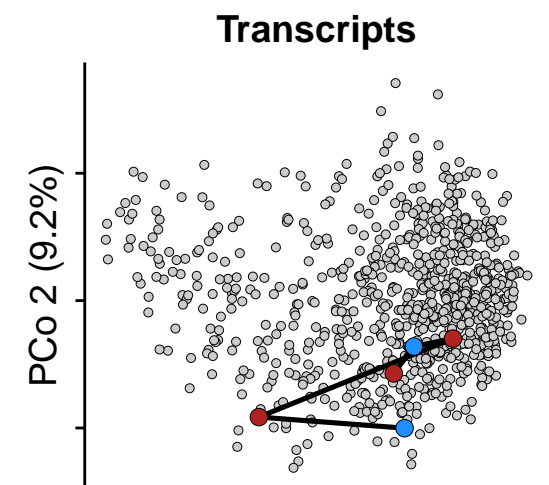
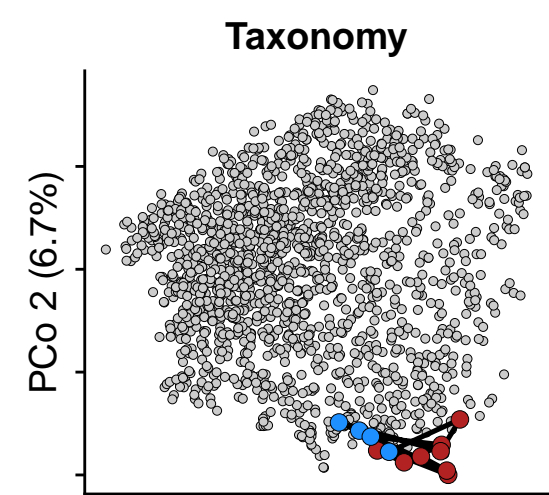
Bacteroides dorei
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Parabacteroides distasonis
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

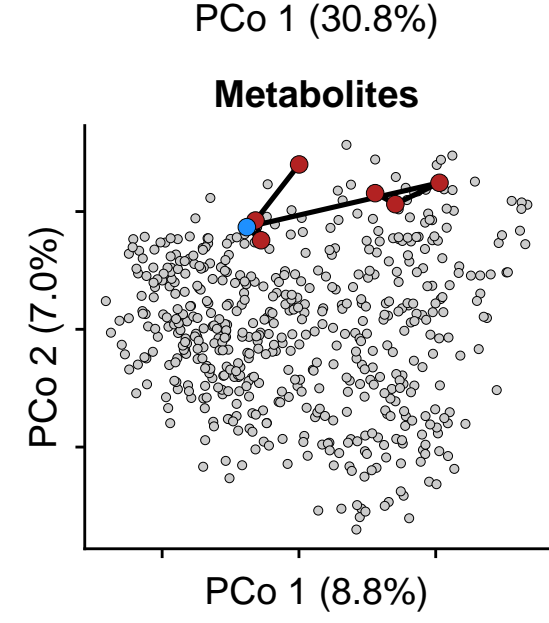
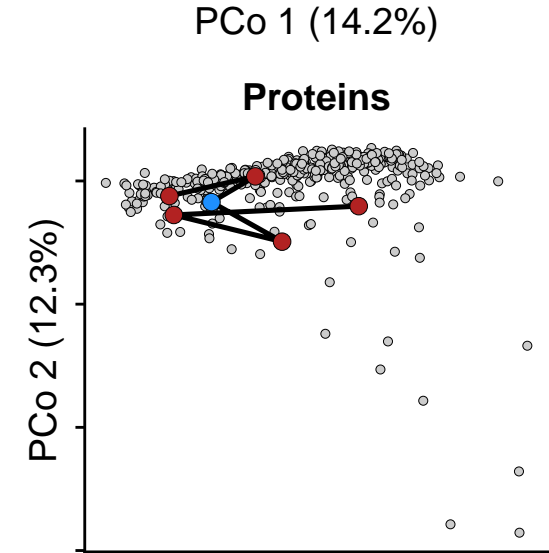
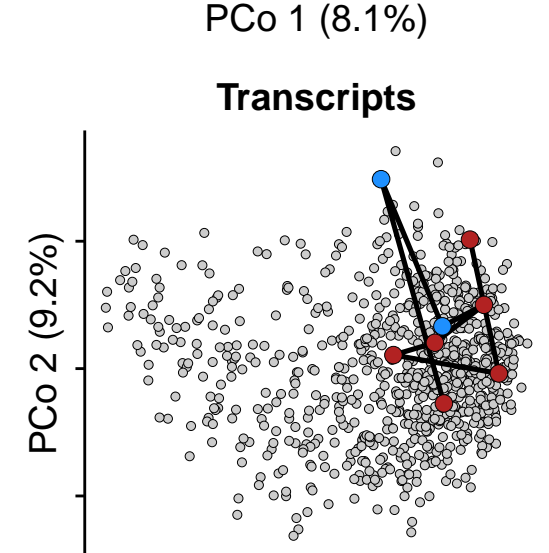
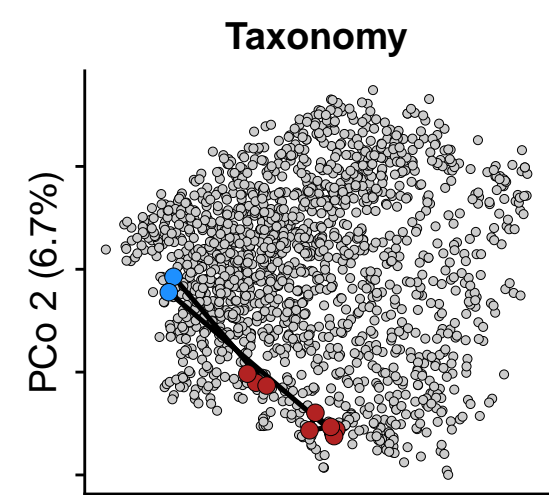
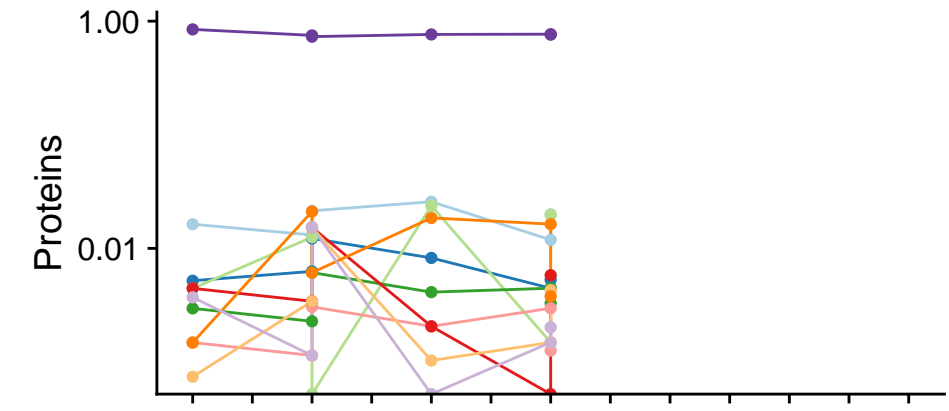
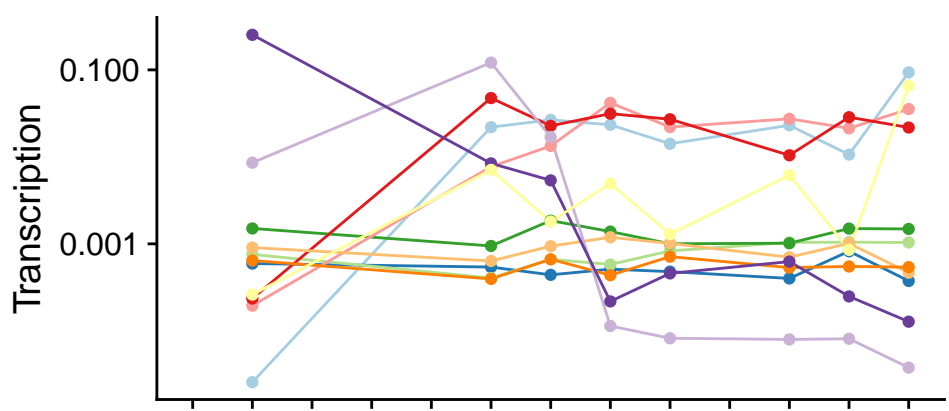
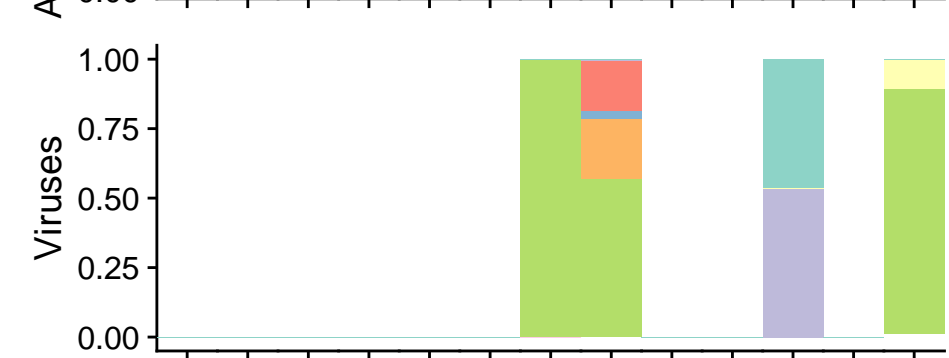
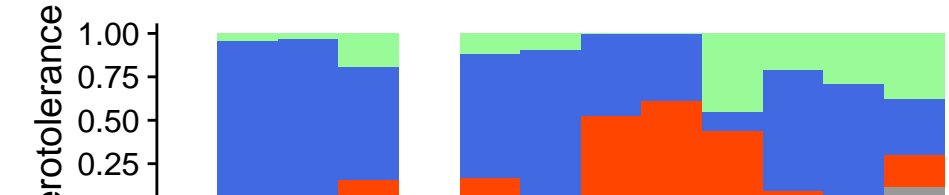
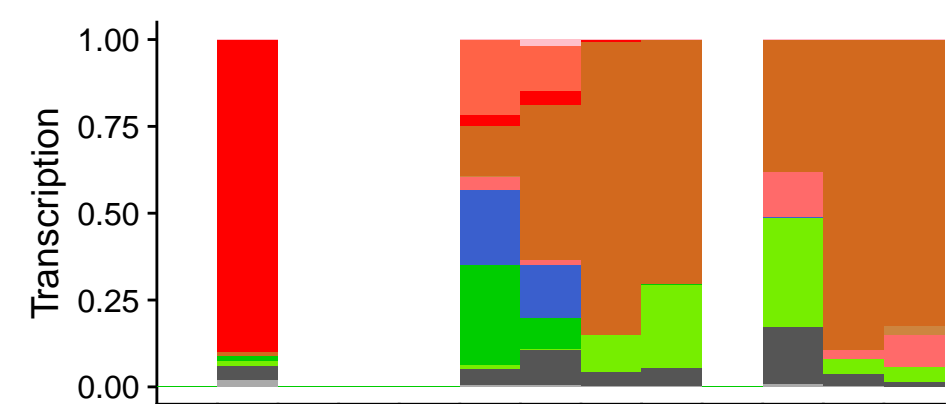
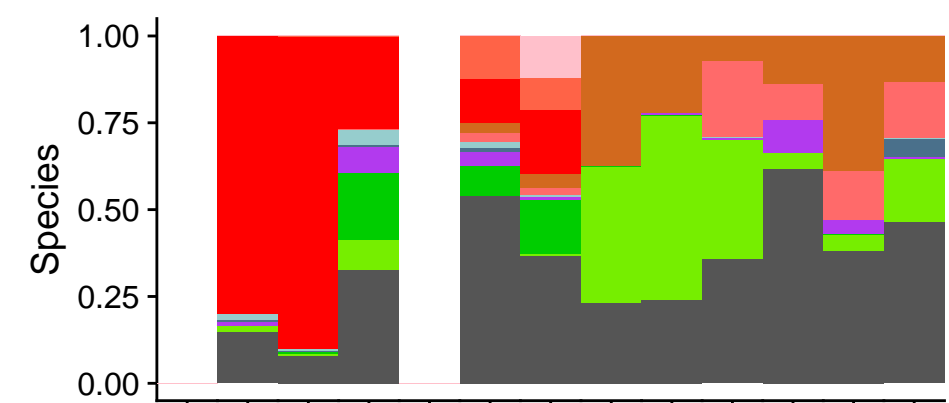
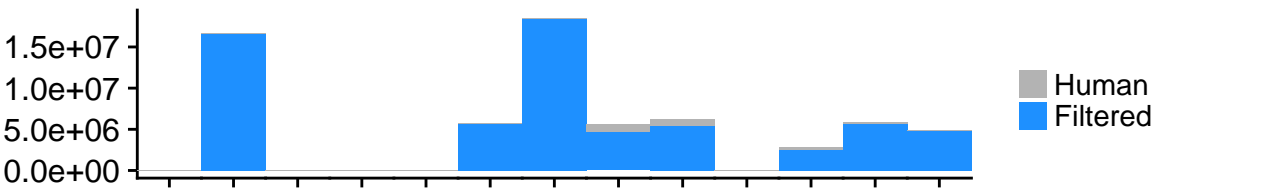
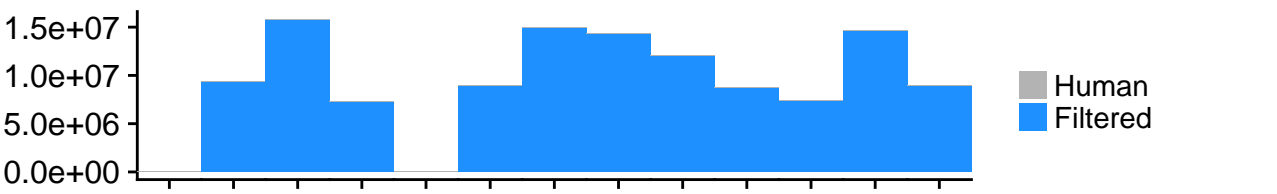
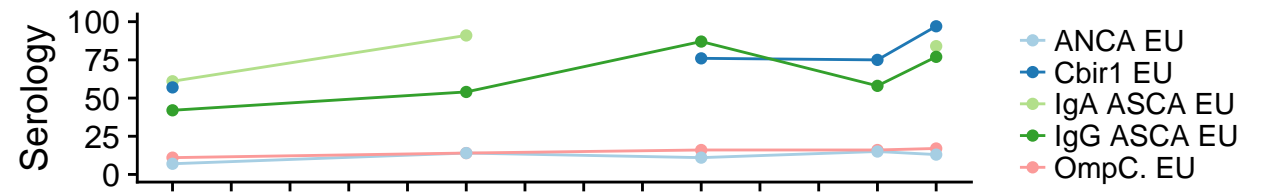
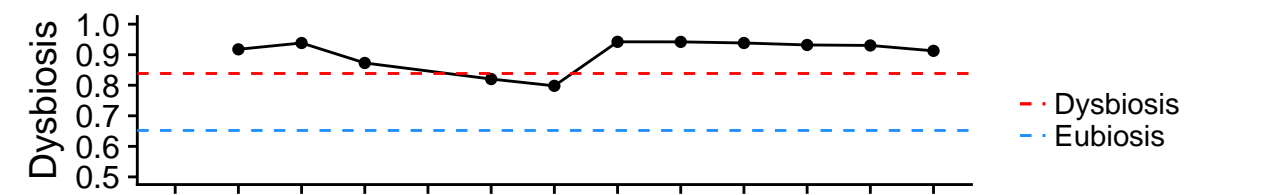
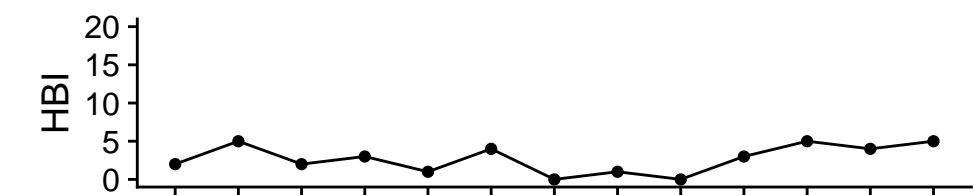
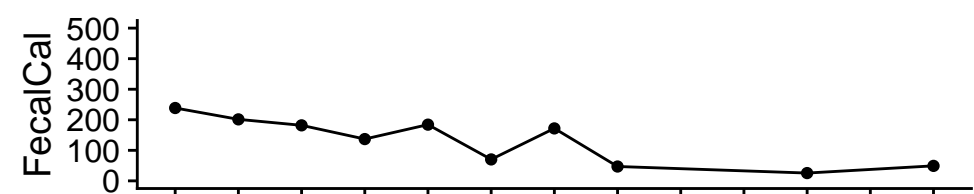
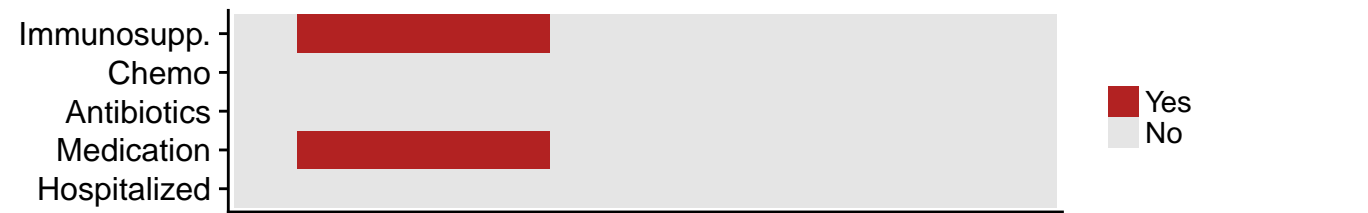
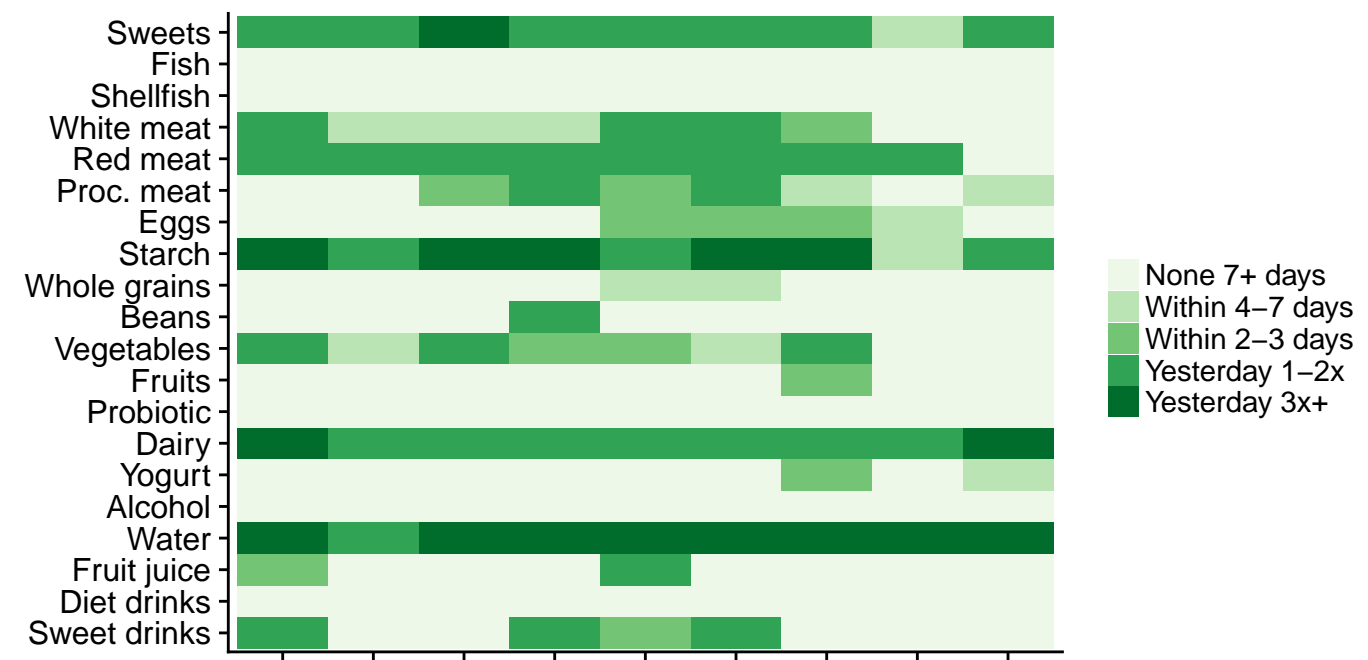
T7virus
Pseudomonas phage PPpW-4
unclassified Siphoviridae
Chicken anemia virus
Porcine parvovirus 5
Porcine parvovirus 7
Bell pepper mottle virus
Pepper mild mottle virus

K01572: oxaloacetate decarboxylase, beta su...
K01881: prolyl-tRNA synthetase [EC:6.1.1.15]
K02078: acyl carrier protein
K02358: elongation factor EF-Tu
K02884: large subunit ribosomal protein L19
K02914: large subunit ribosomal protein L34
K02916: large subunit ribosomal protein L35
K02946: small subunit ribosomal protein S10
K03088: RNA polymerase sigma-70 factor, E...
K04078: chaperonin GroES
K13993: HSP20 family protein

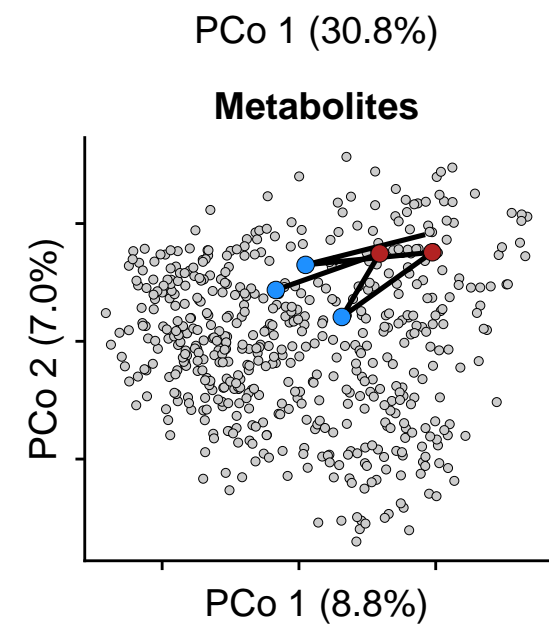
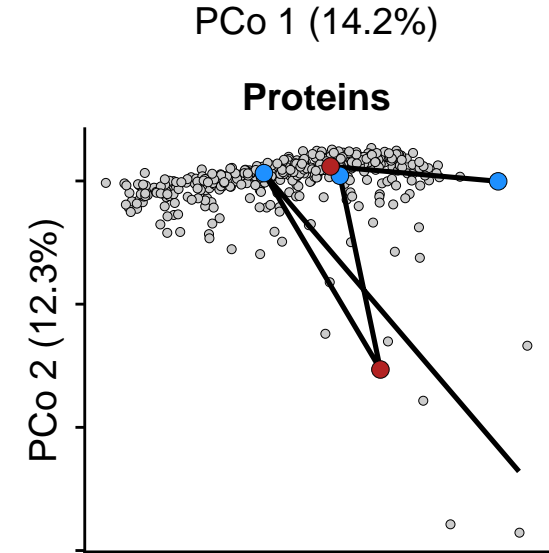
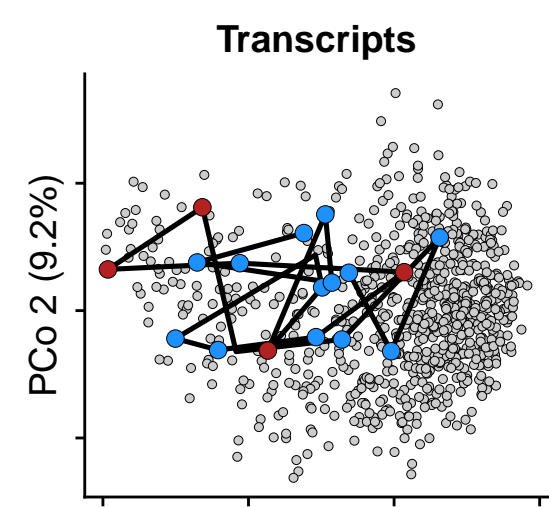
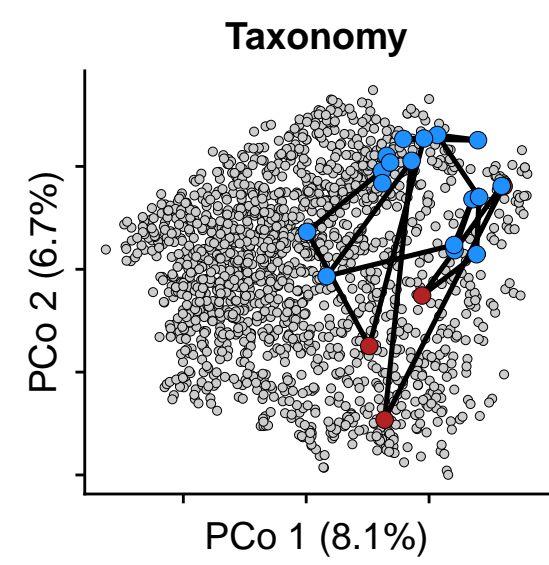
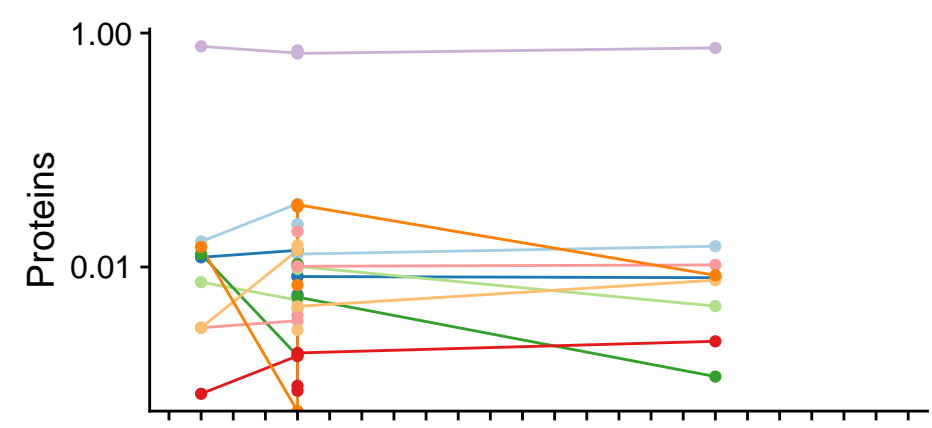
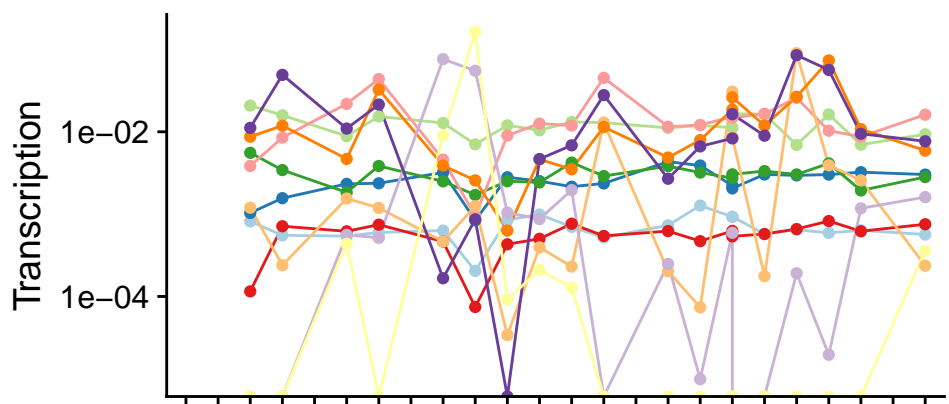
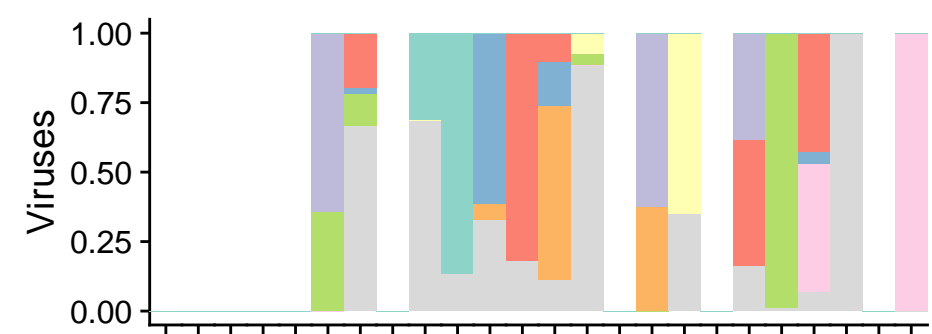
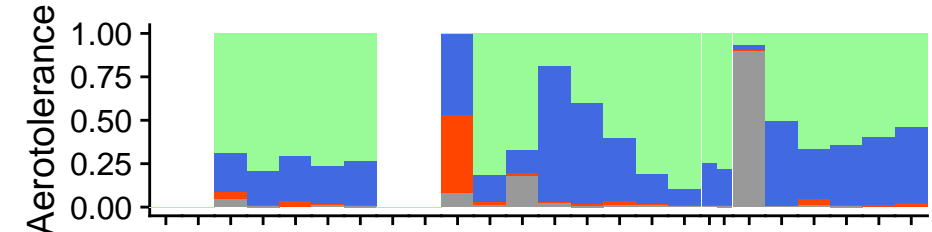
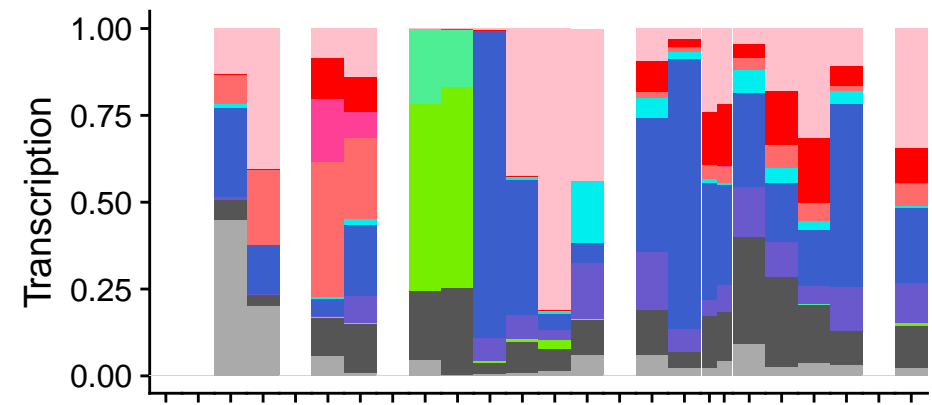
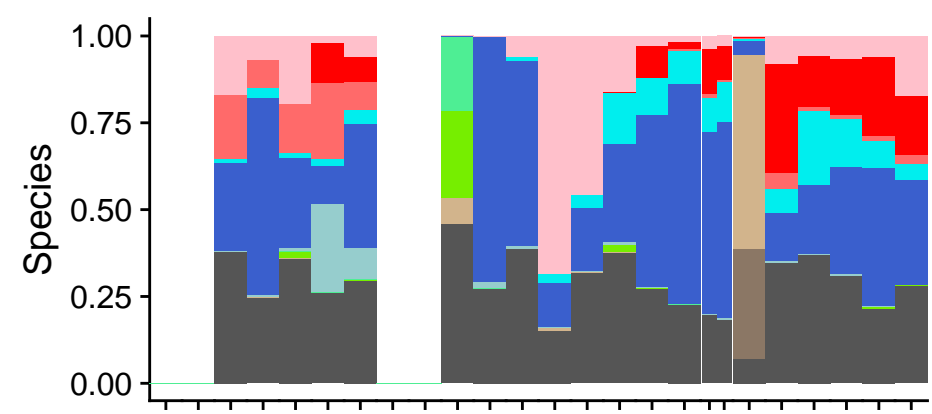
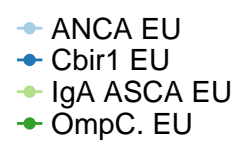
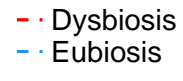
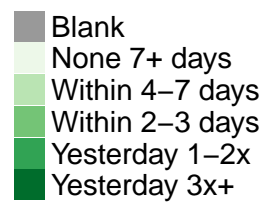
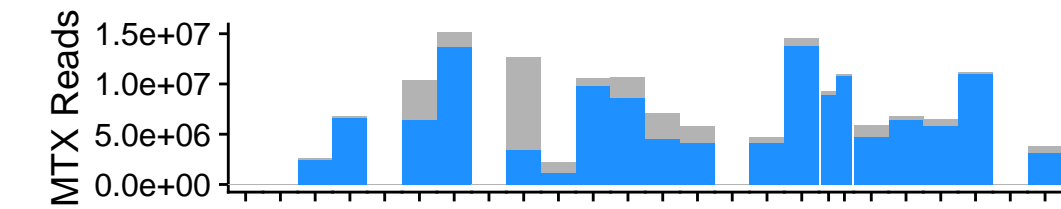
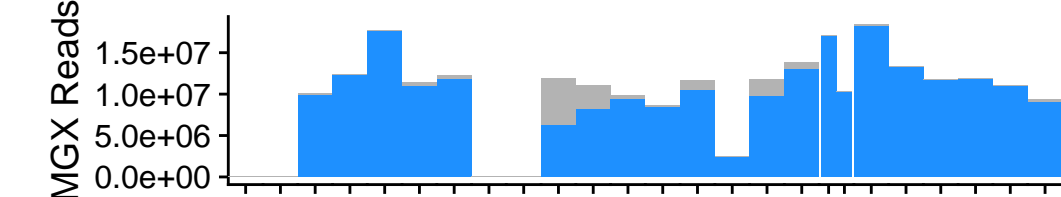
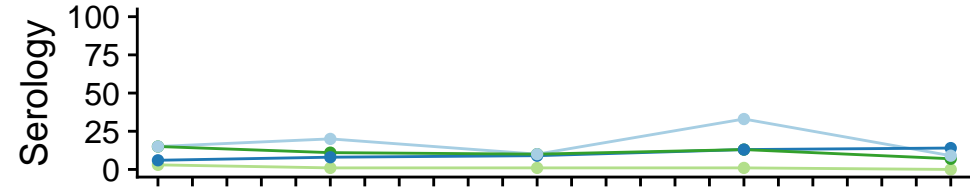
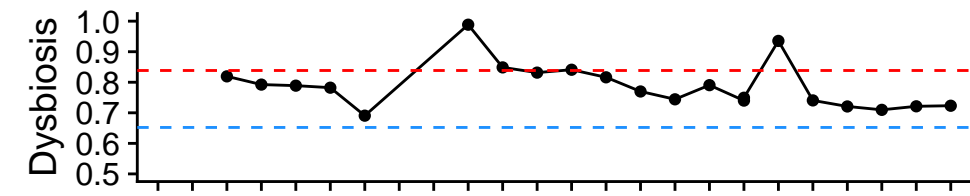
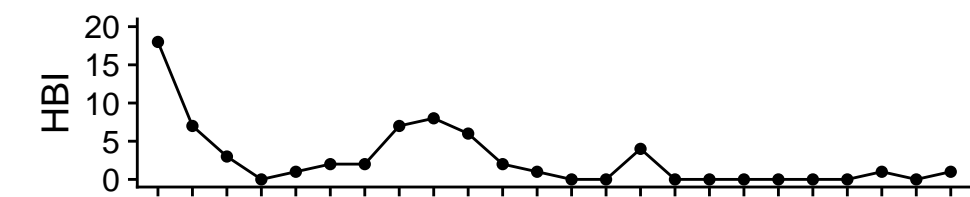
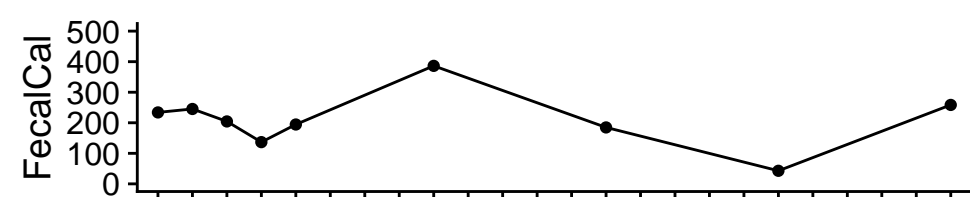
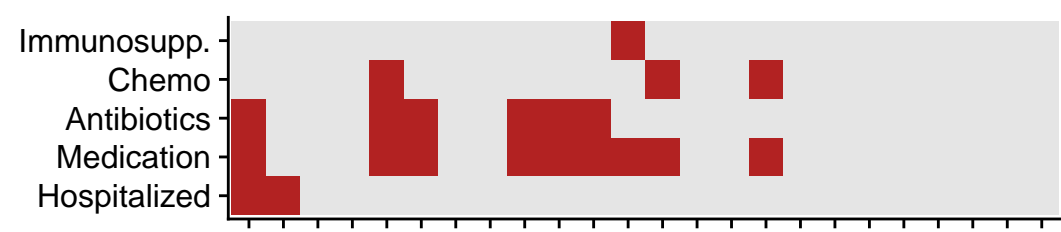
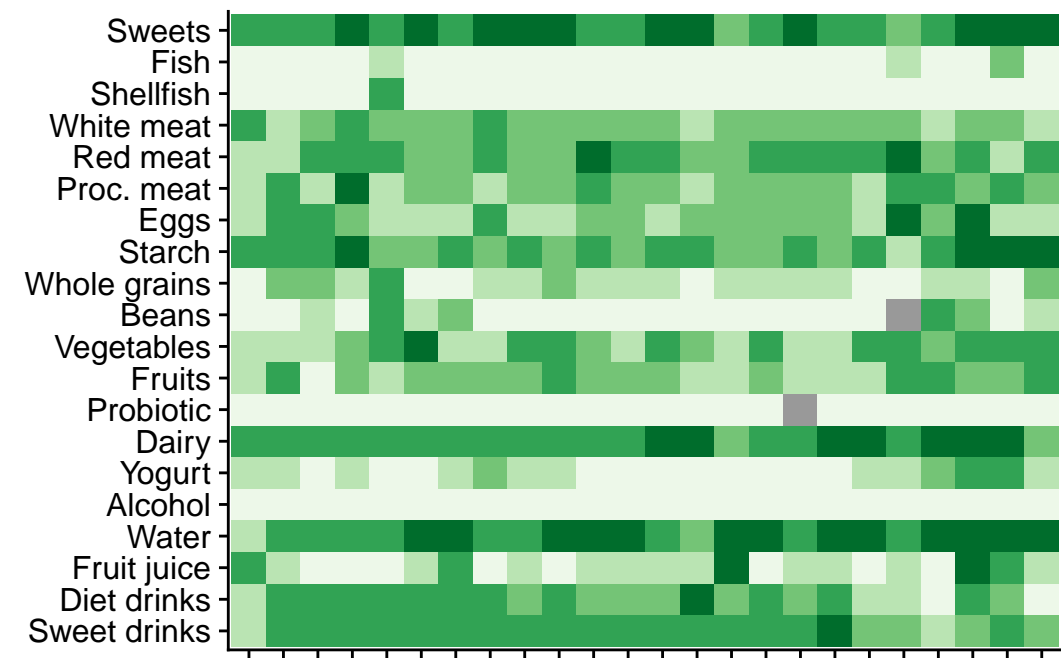
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01803: triosephosphate isomerase (TIM) [E...
K01805: xylose isomerase [EC:5.3.1.5]
K03332: fructan beta-fructosidase [EC:3.2.1....
K04043: molecular chaperone DnaK
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
K10546: putative multiple sugar transport sys...
UNGROUPED



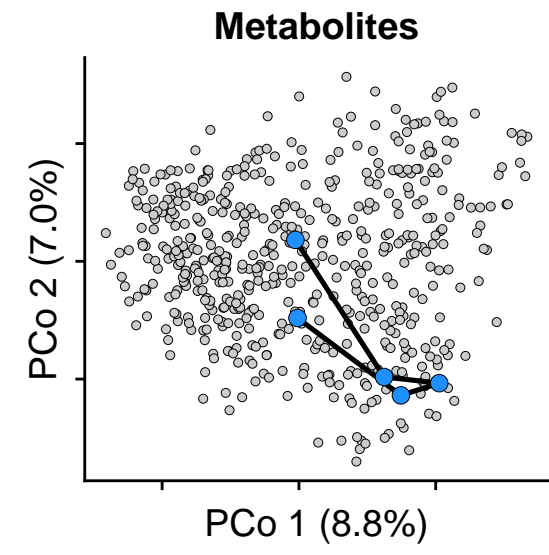
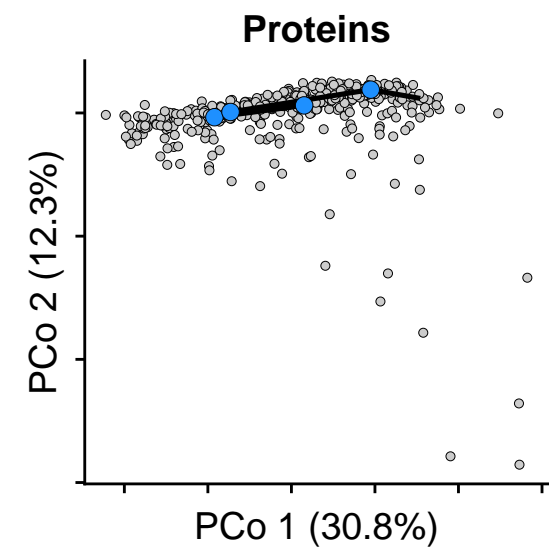
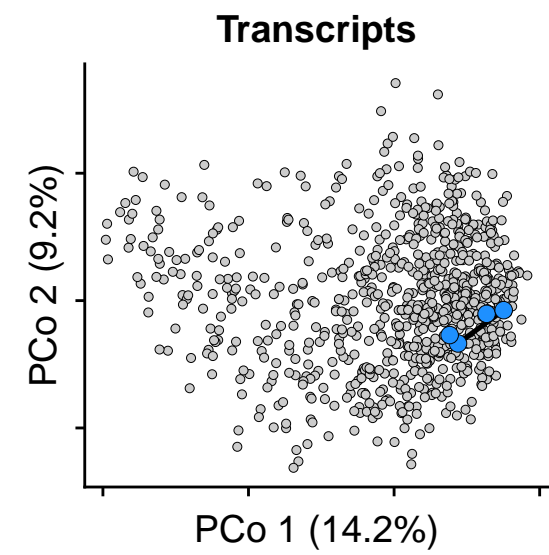
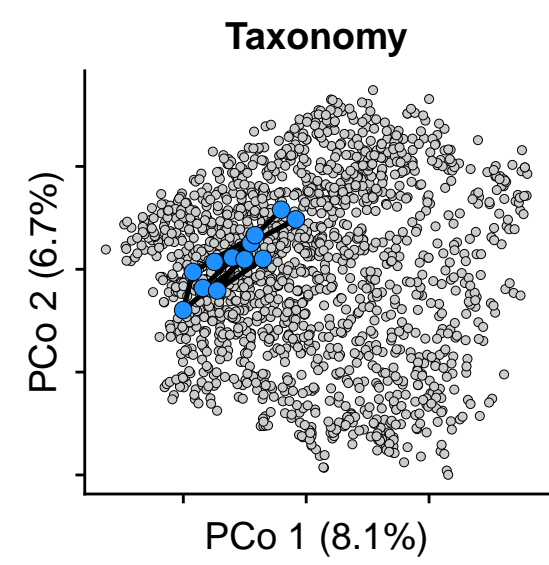
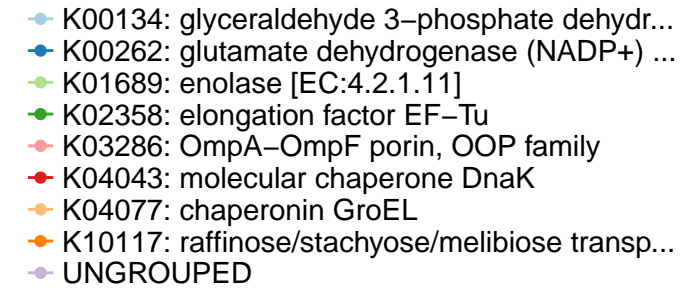
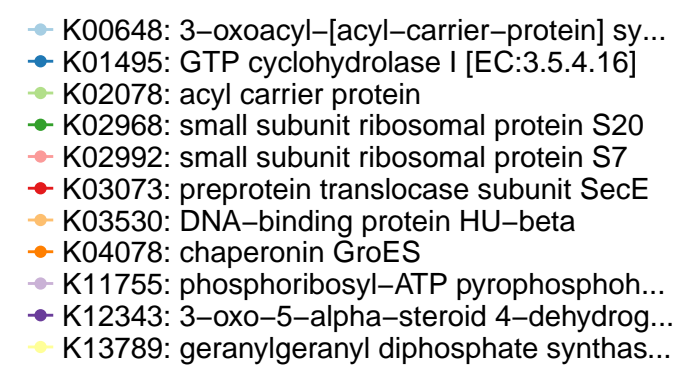
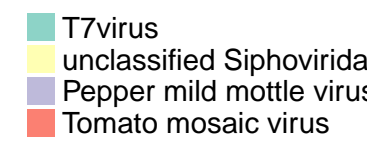
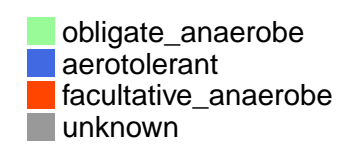
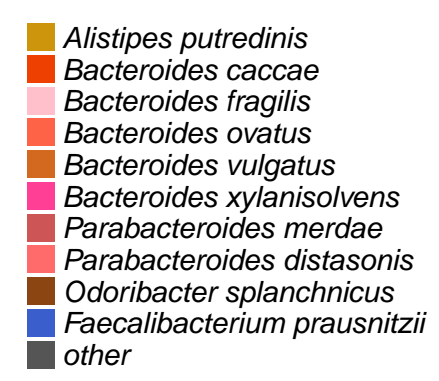
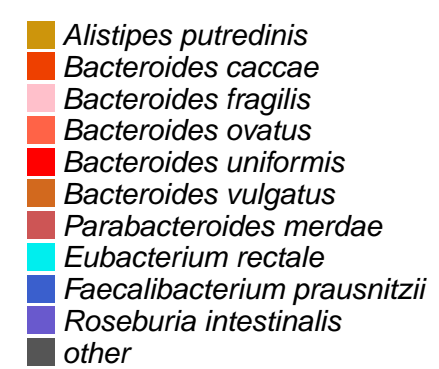
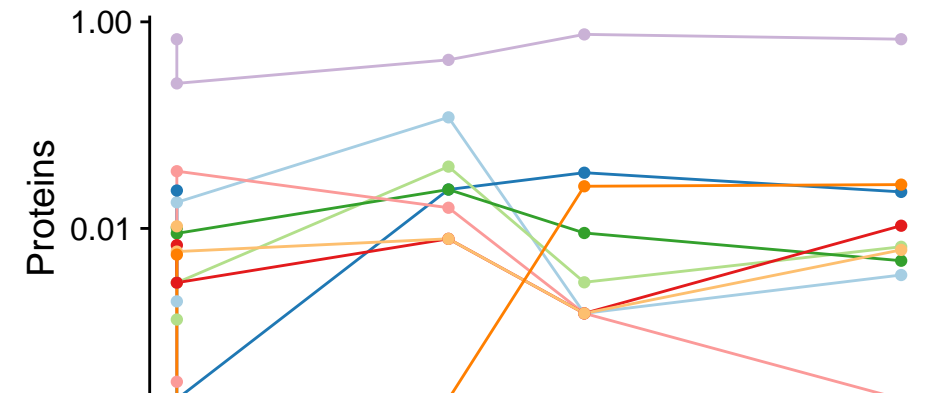
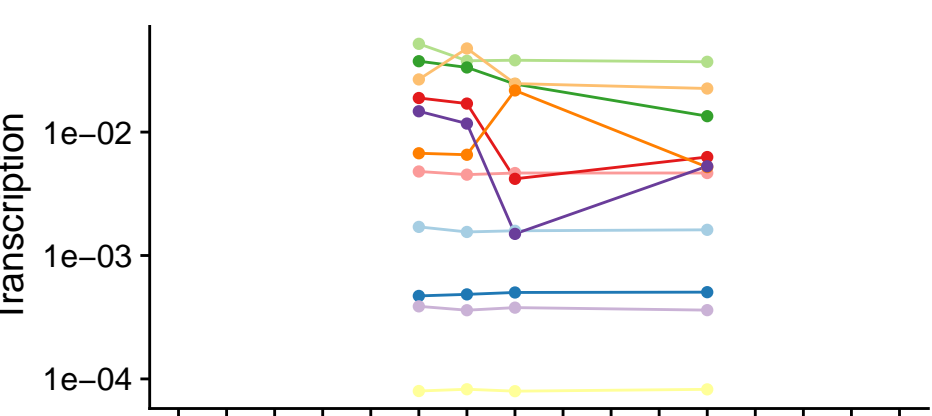
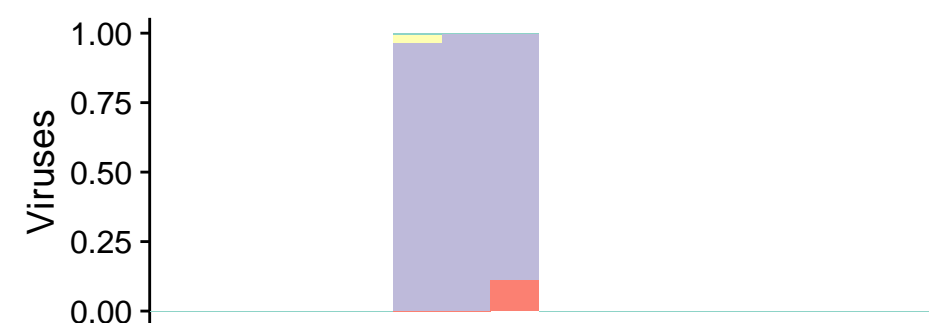
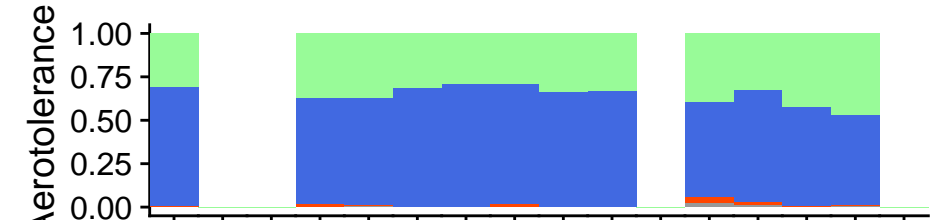
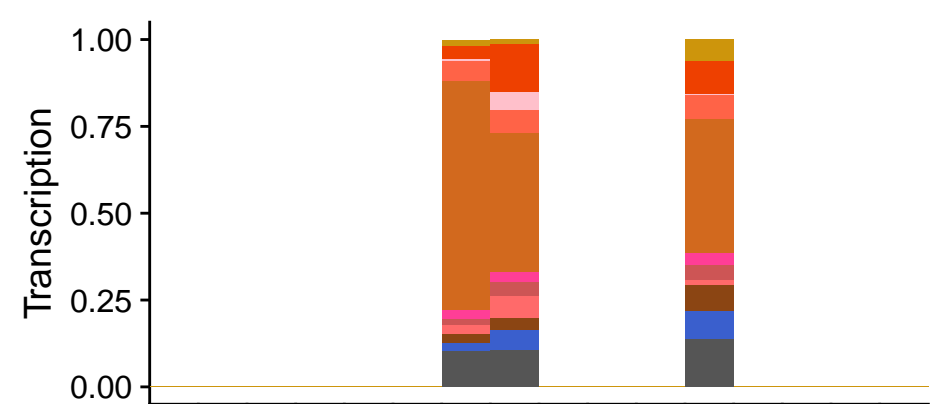
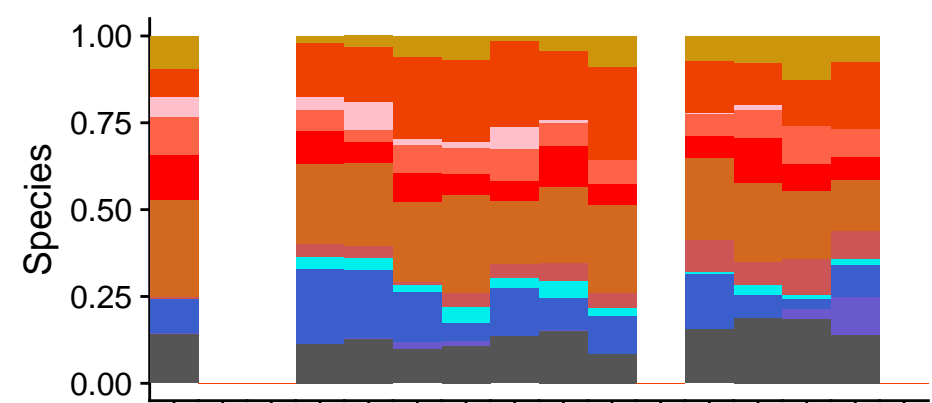
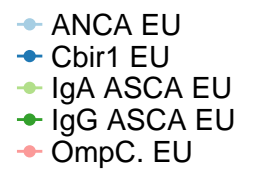
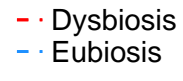
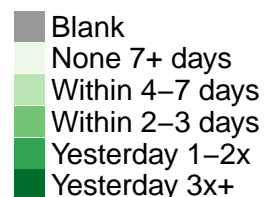
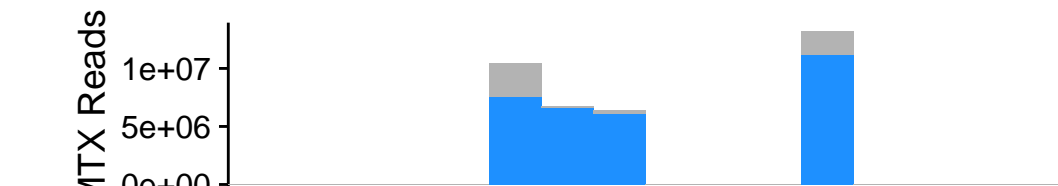
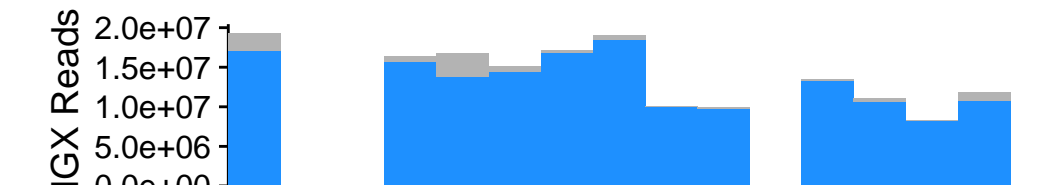
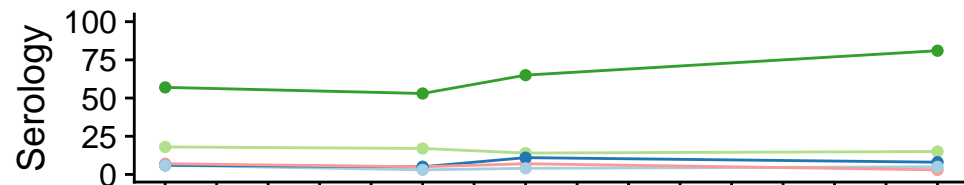
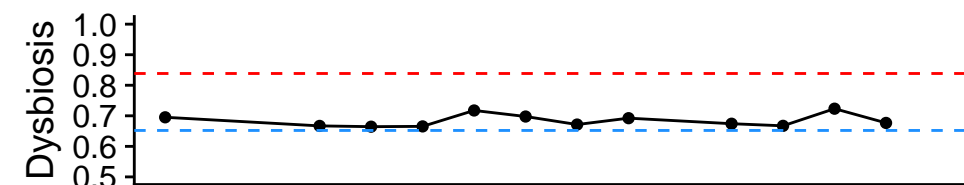
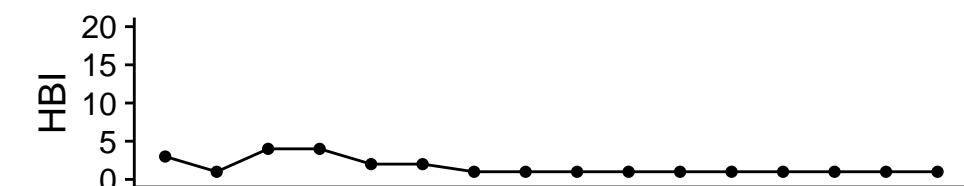
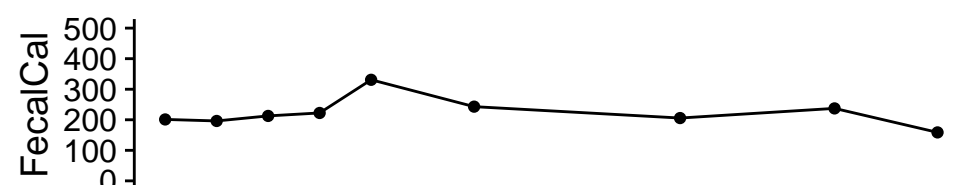
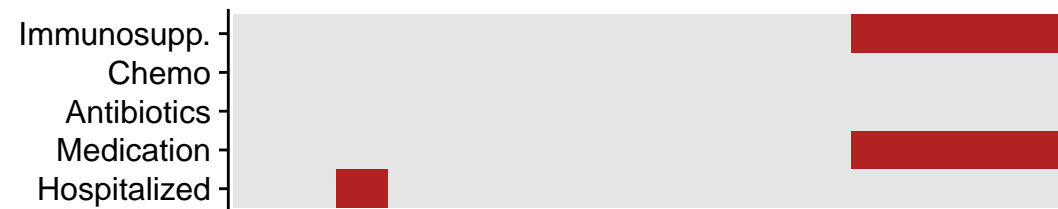
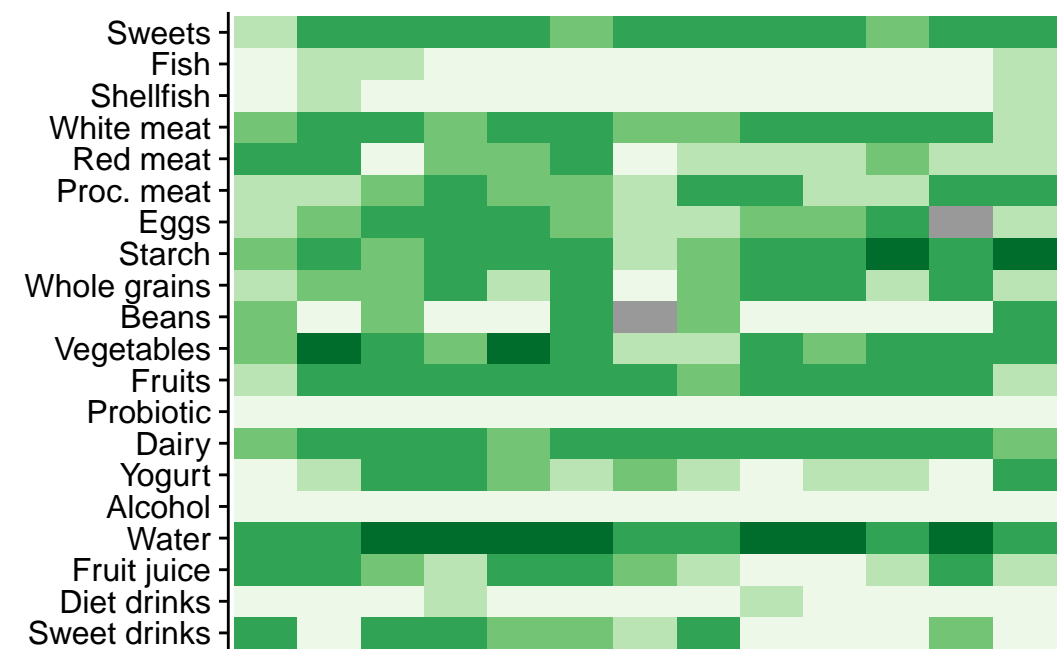
H4004: 14 Male White Cincinnati | CD L3



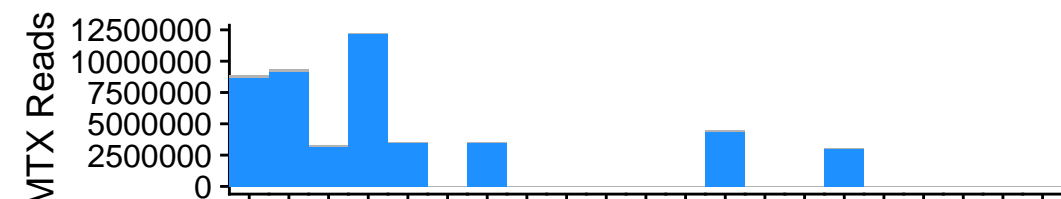
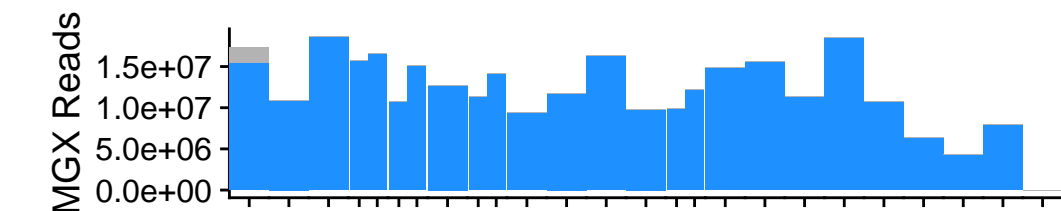
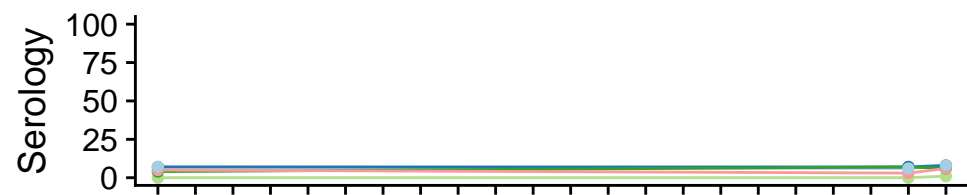
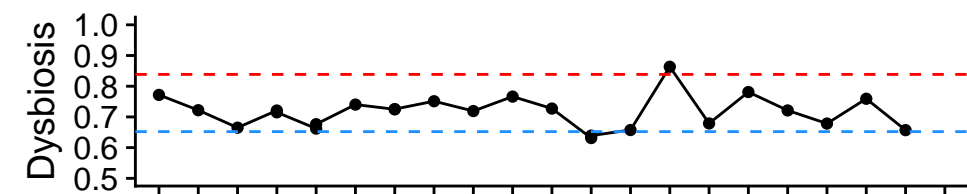
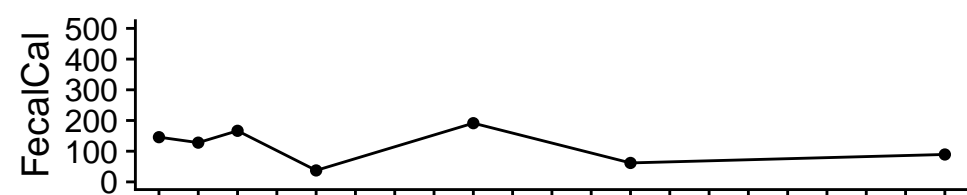
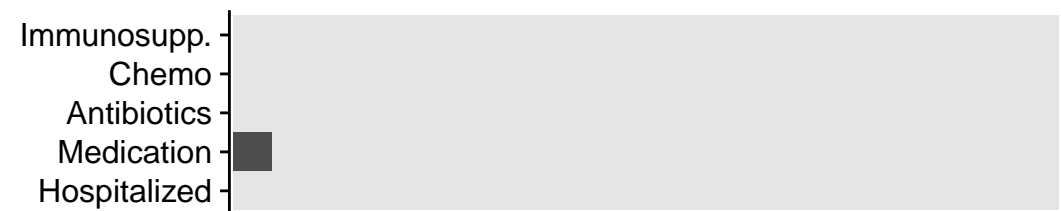
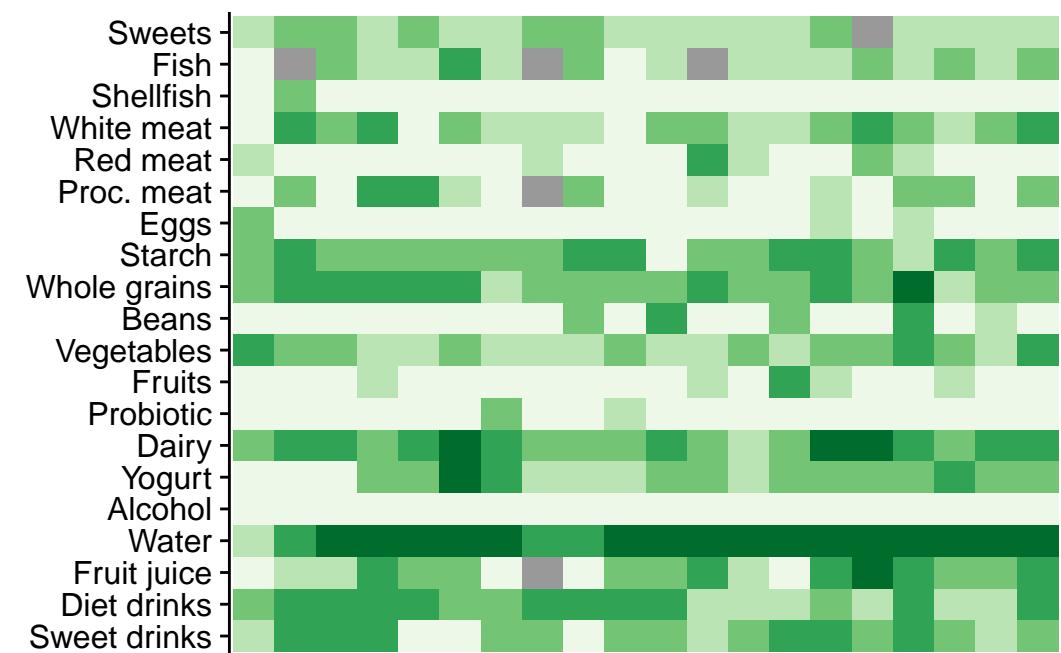
H4006: 8 Male White Cincinnati | CD L2+L4



H4007: 15 Female White Cincinnati | CD L3+L4



H4008: 13 Female White Cincinnati | nonIBD



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

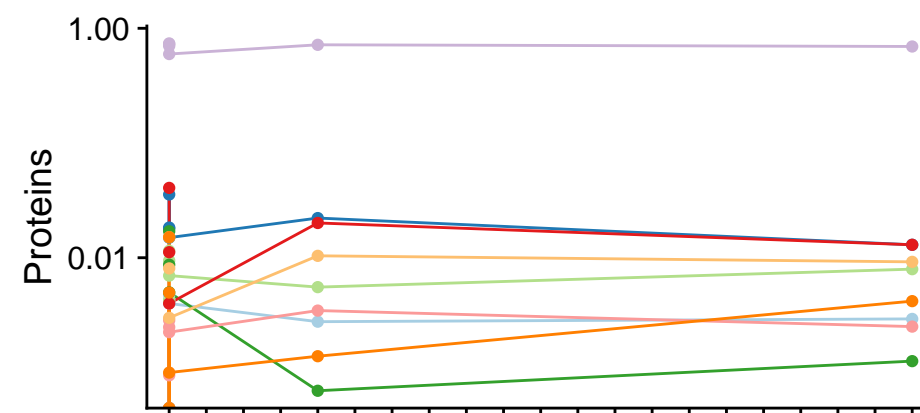
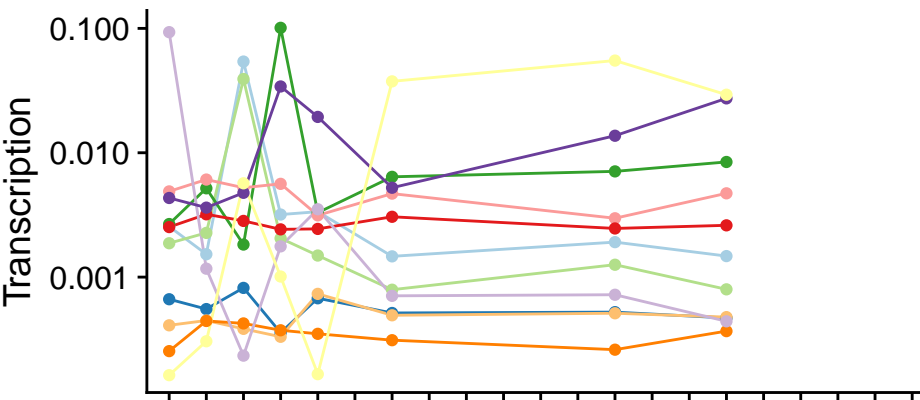
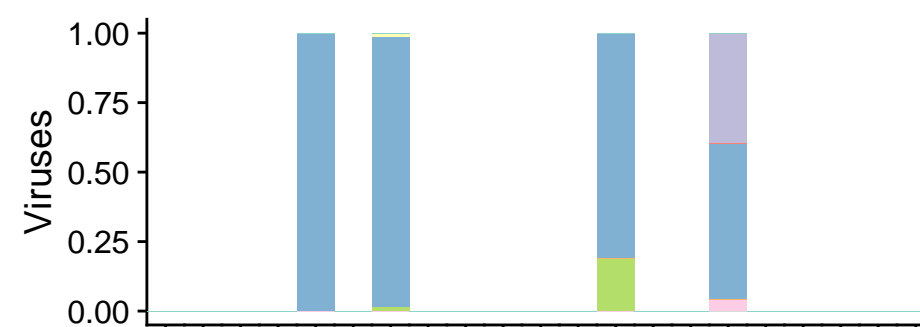
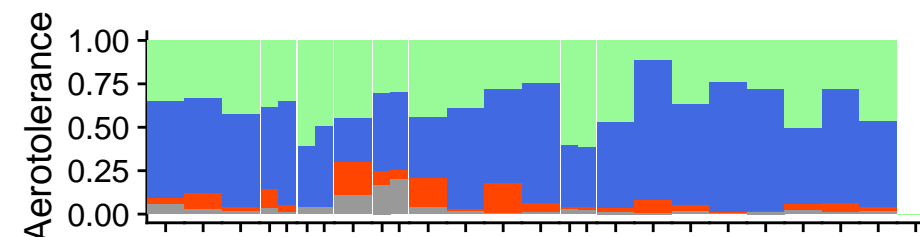
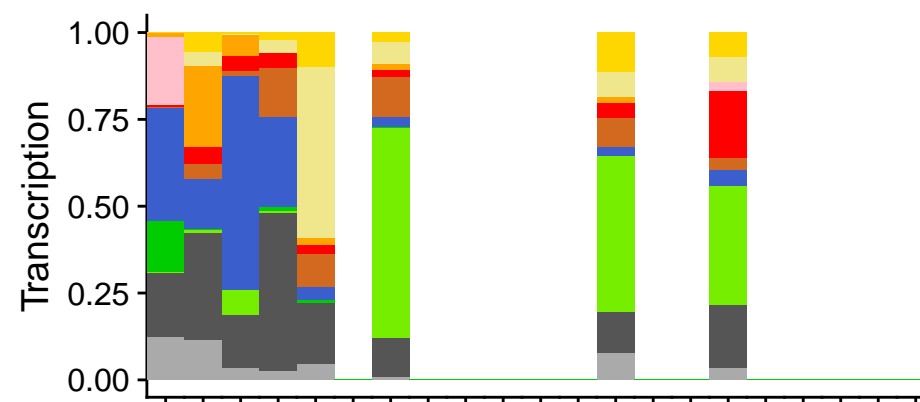
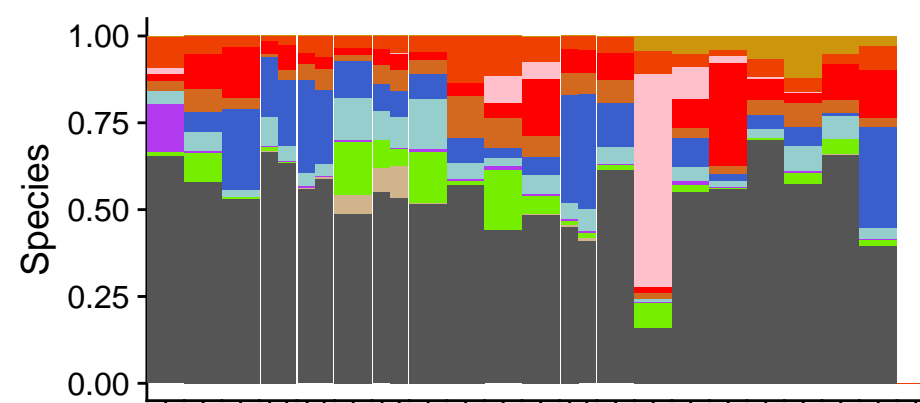
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Ruminococcus torques
Escherichia coli
C2likevirus unclassified
other

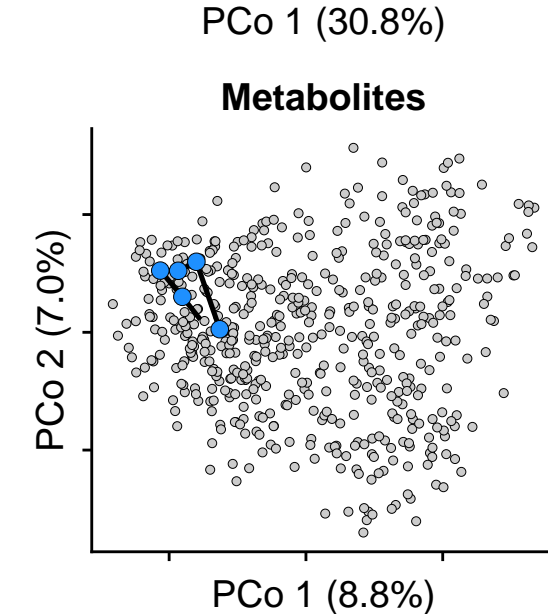
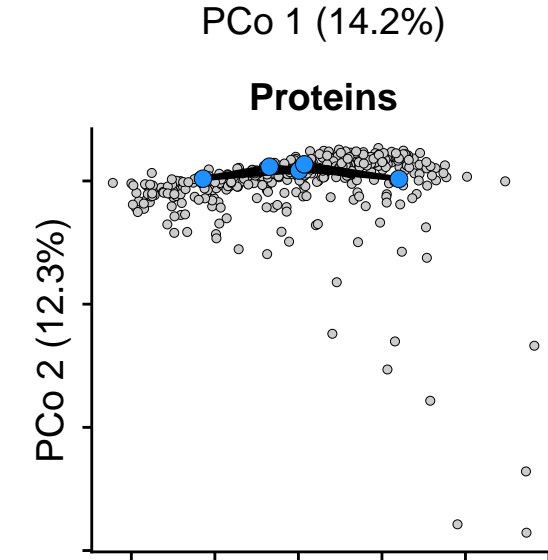
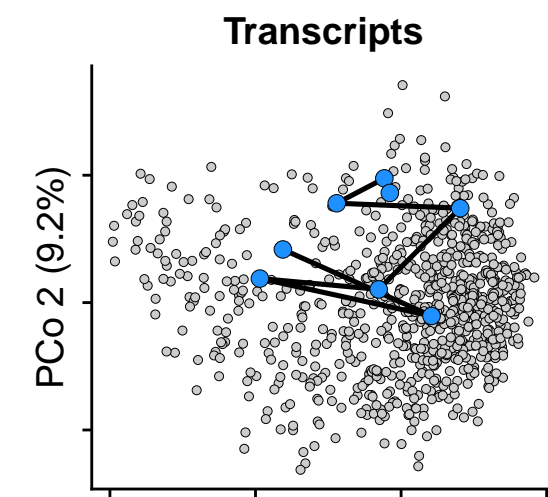
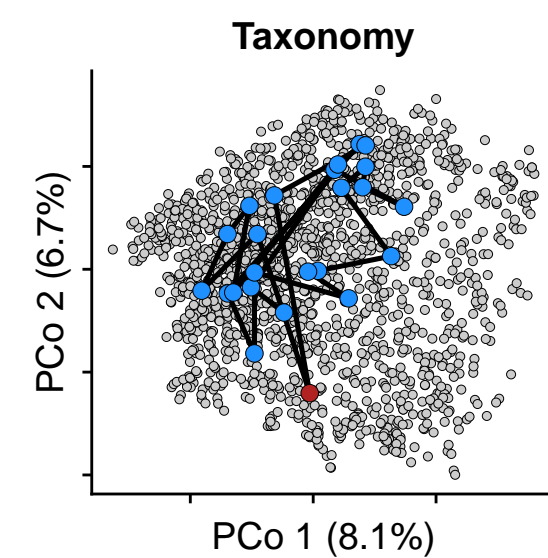
Alistipes onderdonkii
Alistipes finegoldii
Bacteroides dorei
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Faecalibacterium prausnitzii
Akkermansia muciniphila
Escherichia coli
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

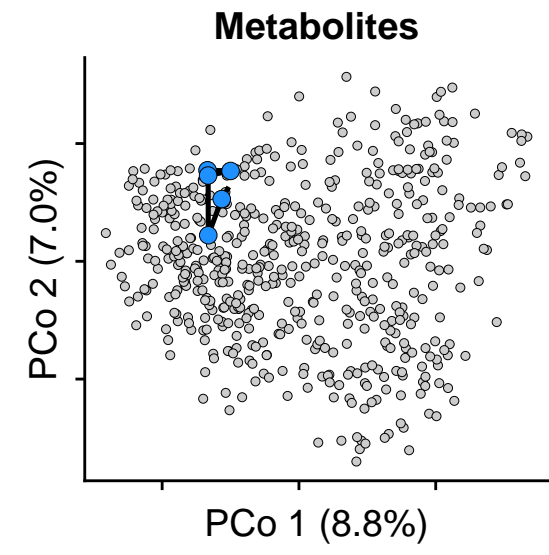
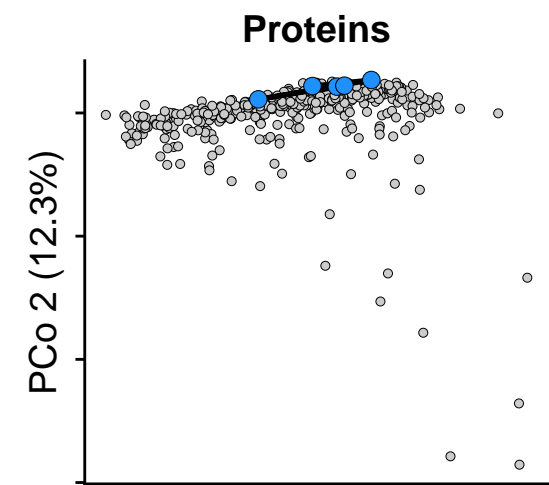
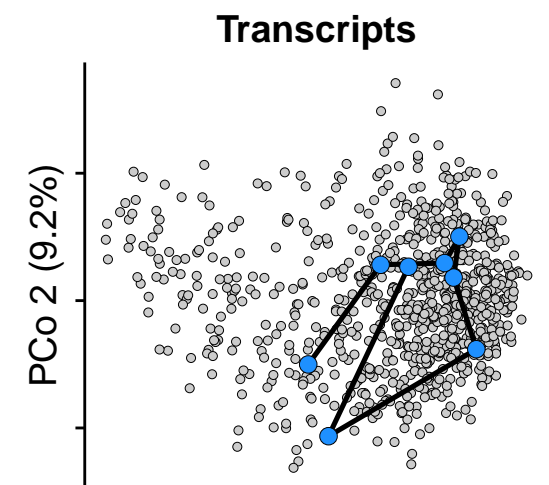
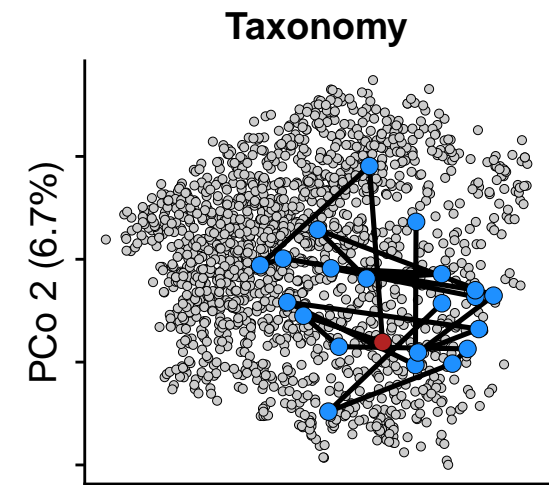
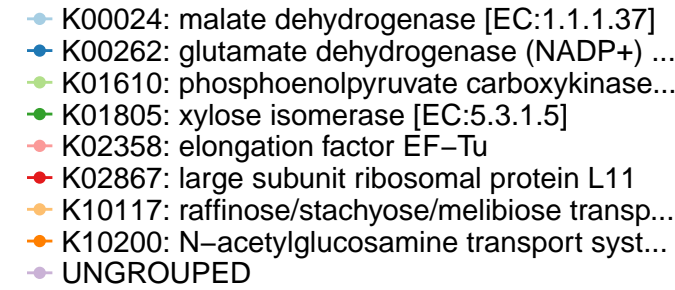
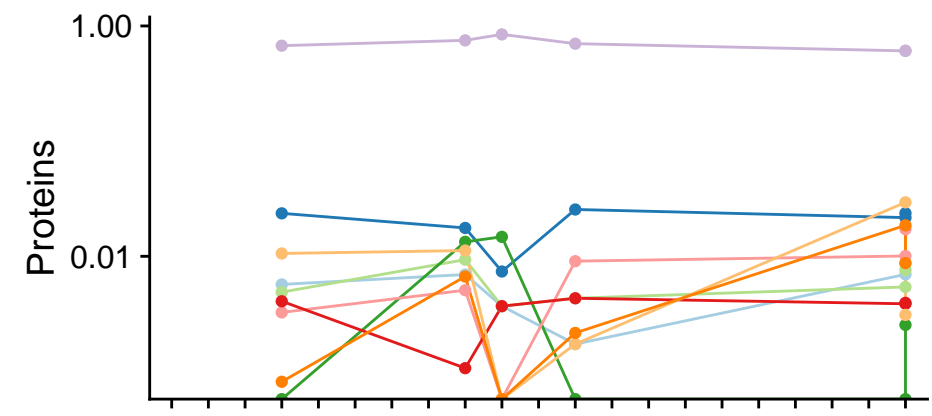
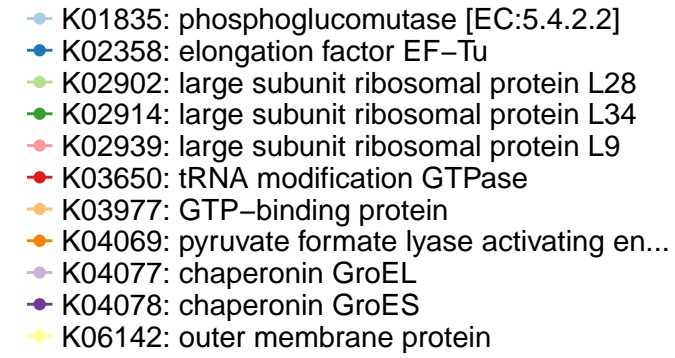
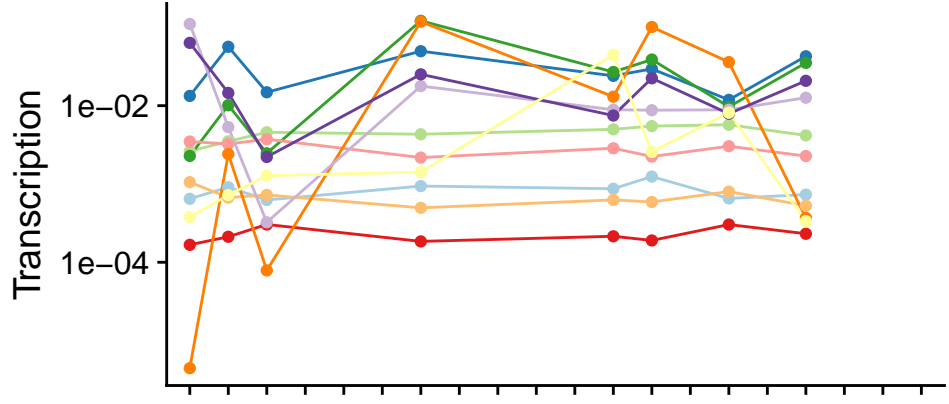
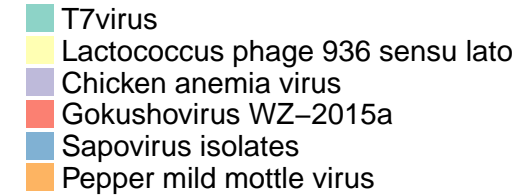
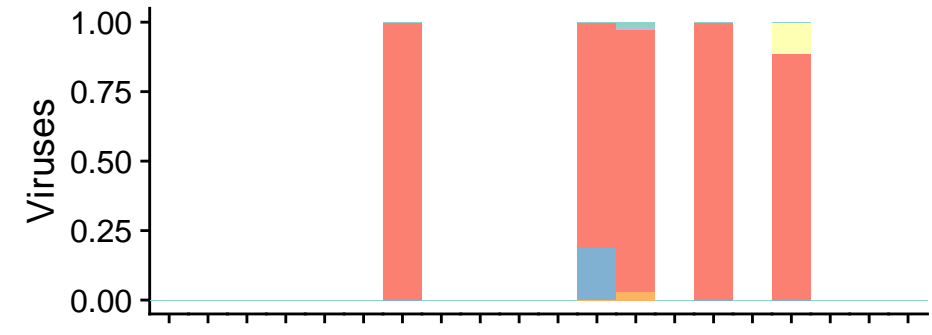
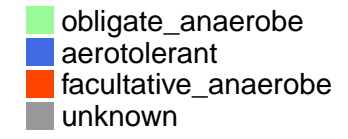
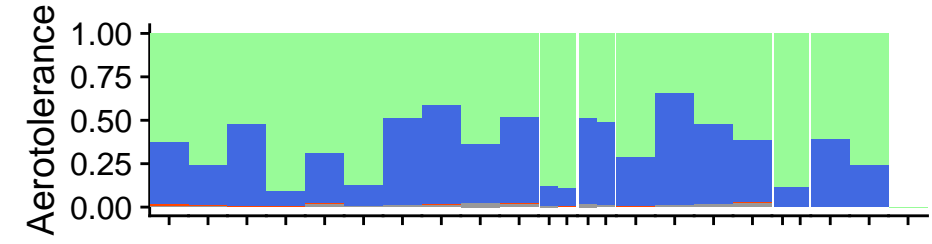
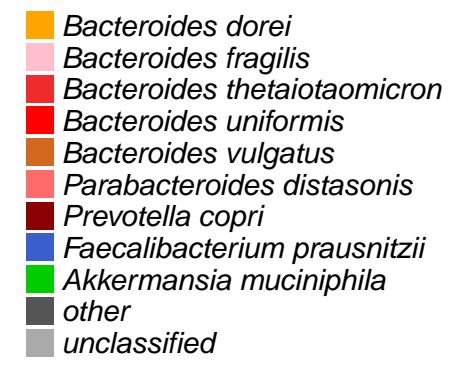
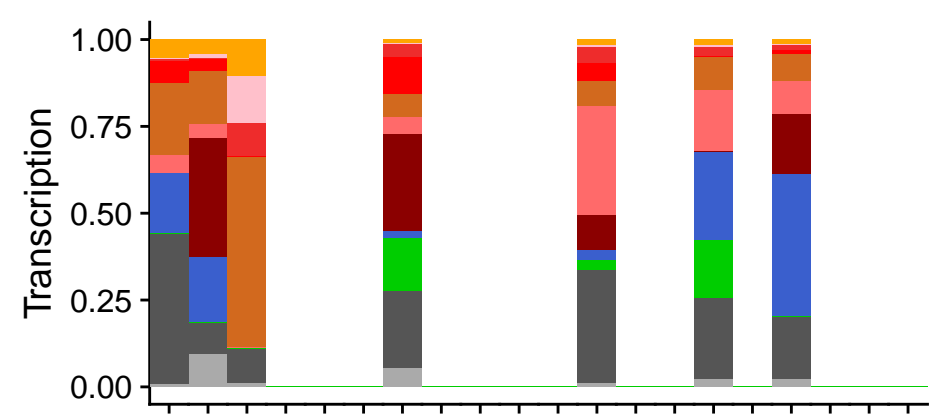
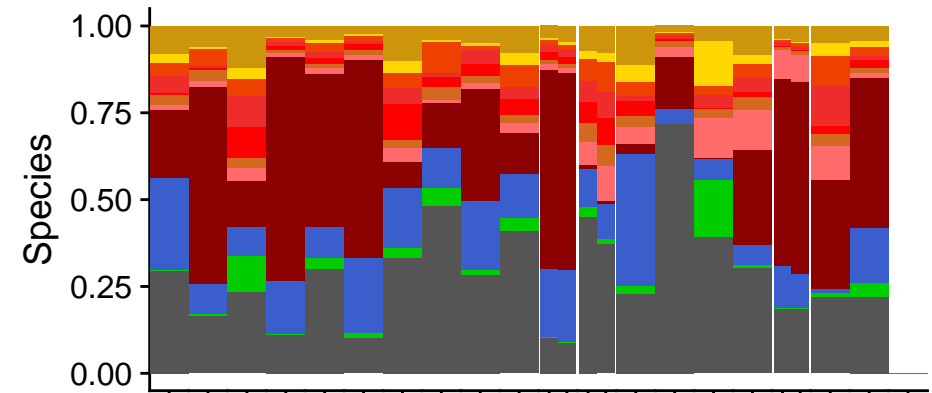
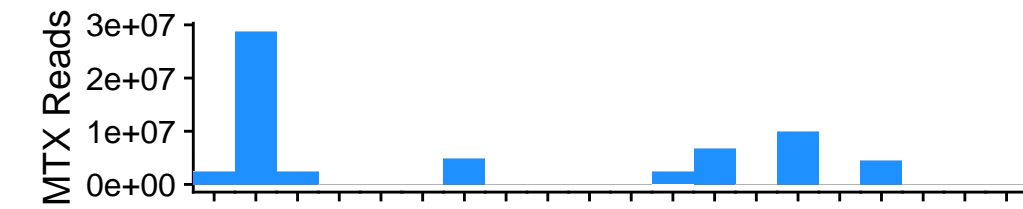
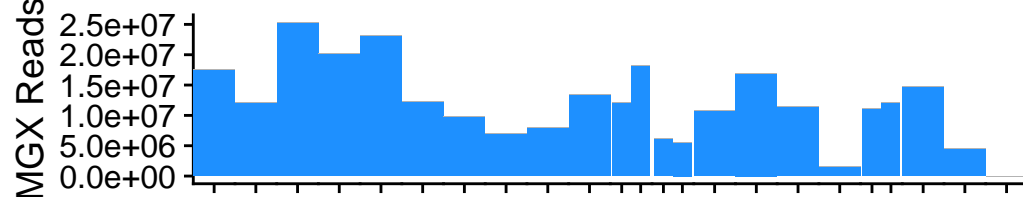
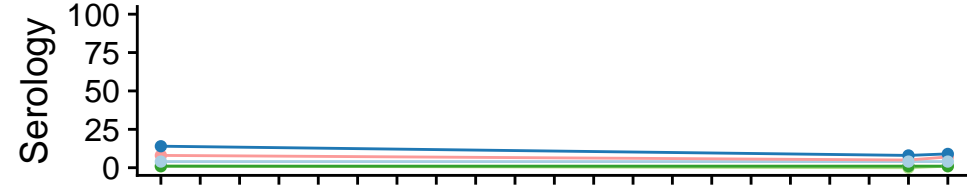
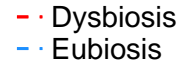
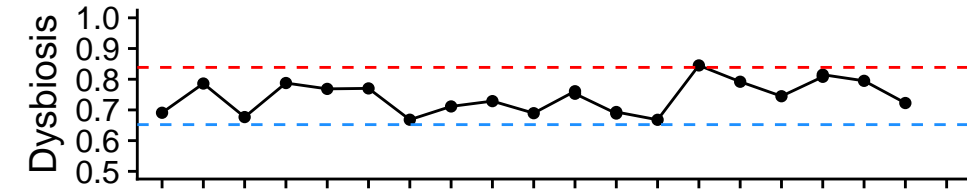
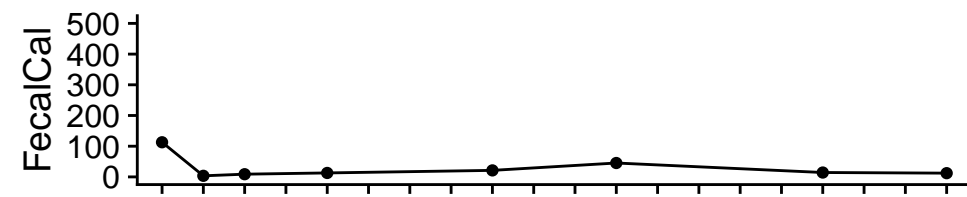
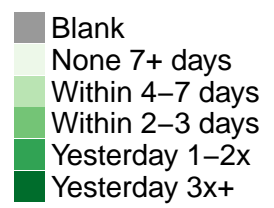
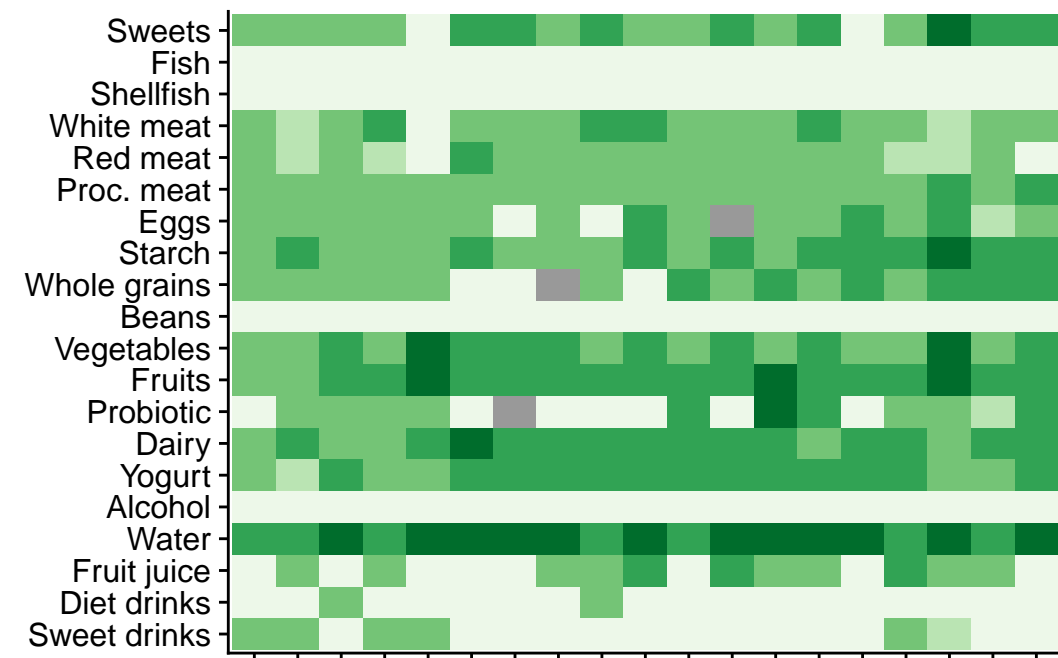
T7virus
unclassified C2likevirus
unclassified Siphoviridae
Chicken anemia virus
Gokushovirus WZ-2015a
Ungulate protoparvovirus 1
Pepper mild mottle virus
Tobamovirus
other

K00927: phosphoglycerate kinase [EC:2.7.2.3]
K01358: ATP-dependent Clp protease, prote...
K01803: triosephosphate isomerase (TIM) [E...
K02914: large subunit ribosomal protein L34
K02952: small subunit ribosomal protein S13
K02996: small subunit ribosomal protein S9
K03526: (E)-4-hydroxy-3-methylbut-2-enyl...
K03816: xanthine phosphoribosyltransferase ...
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K06078: murein lipoprotein lipoprotein

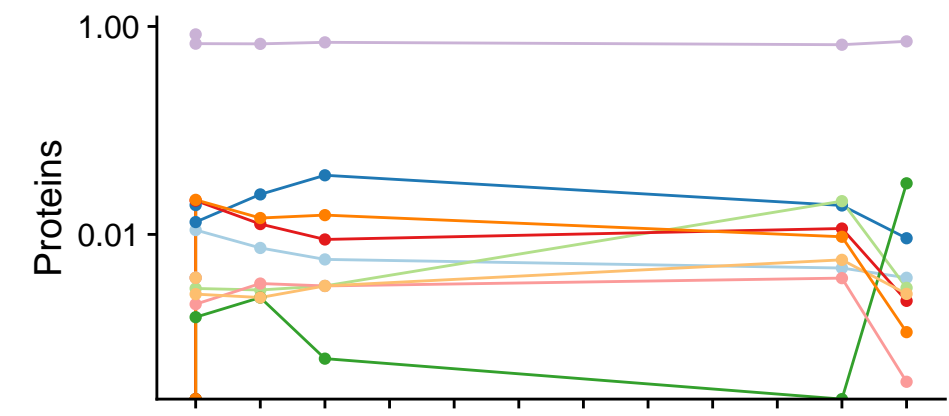
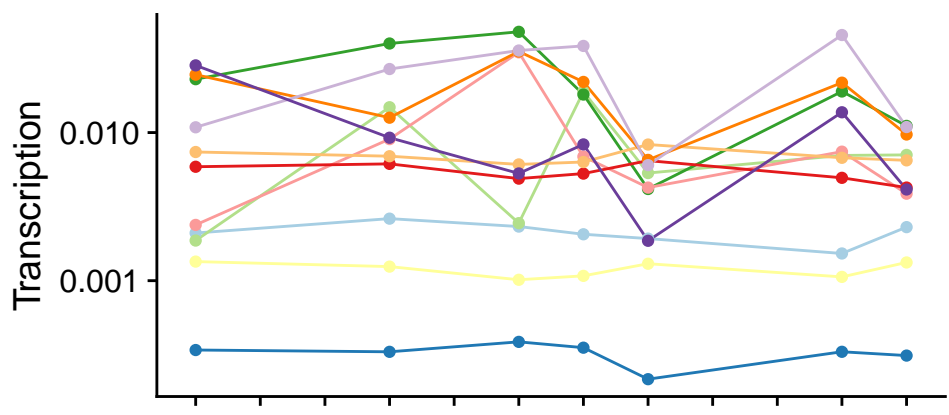
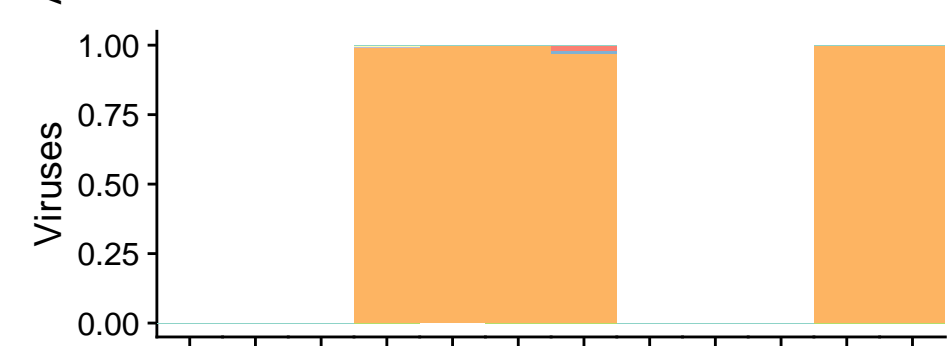
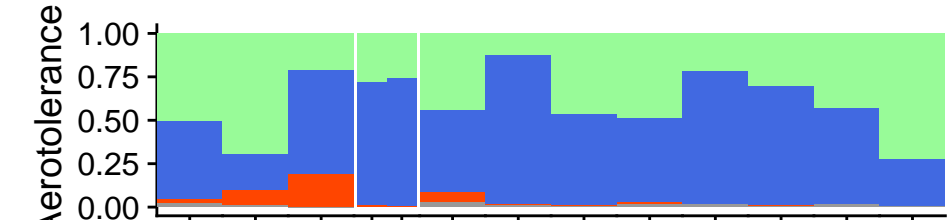
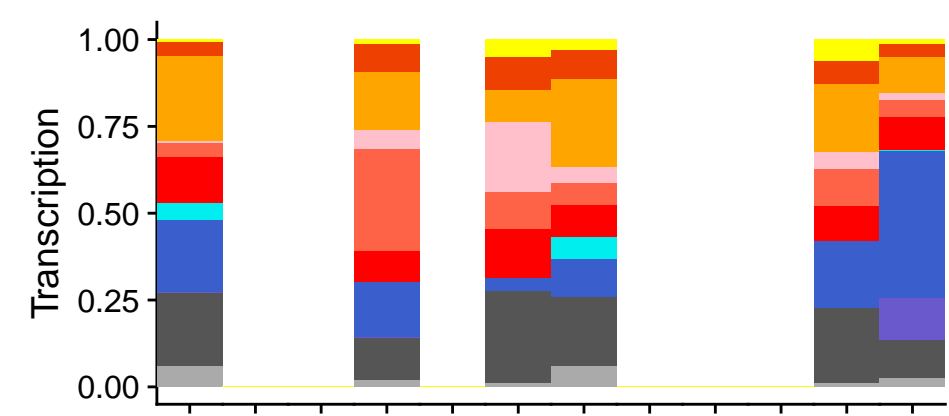
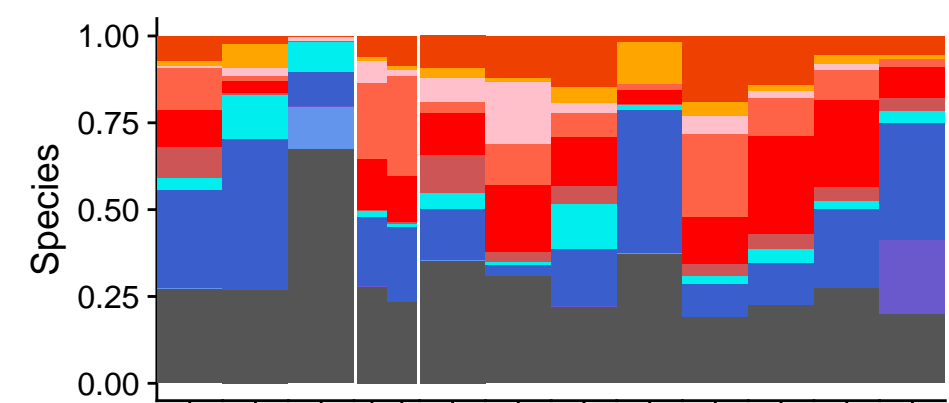
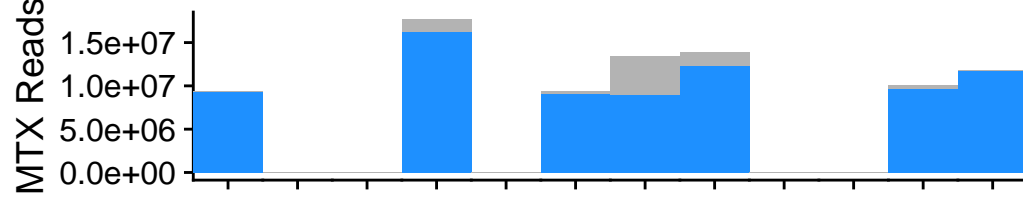
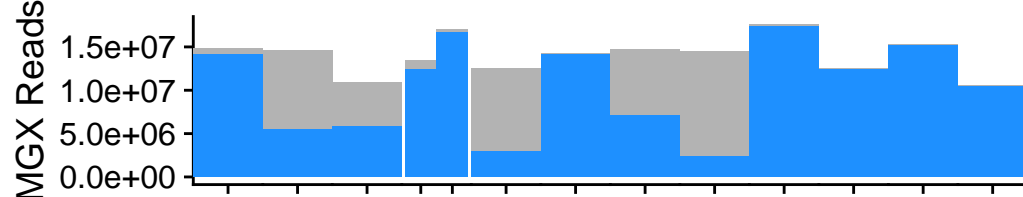
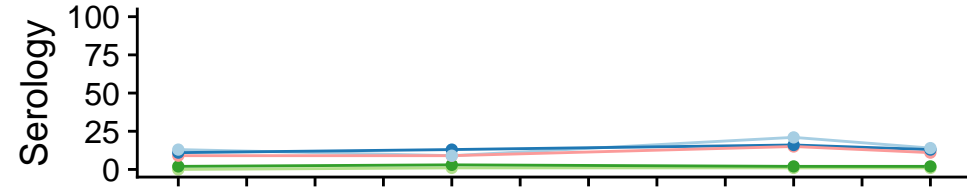
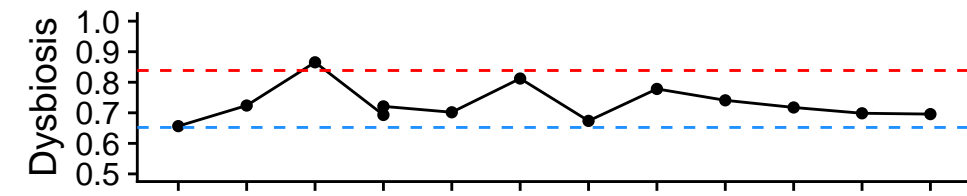
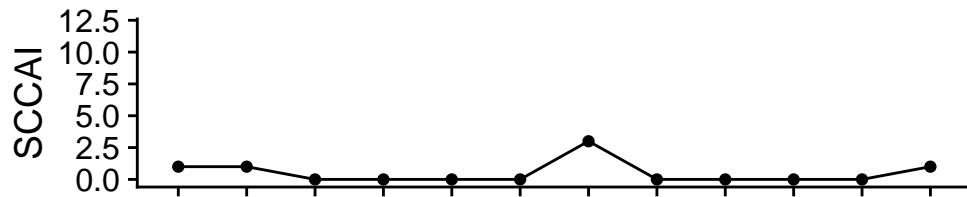
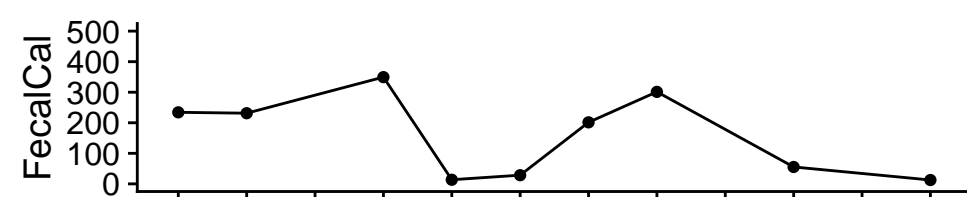
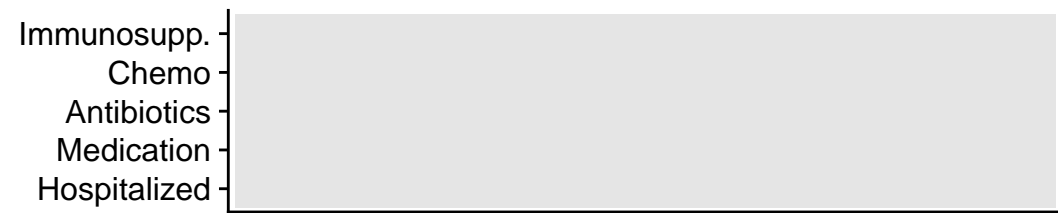
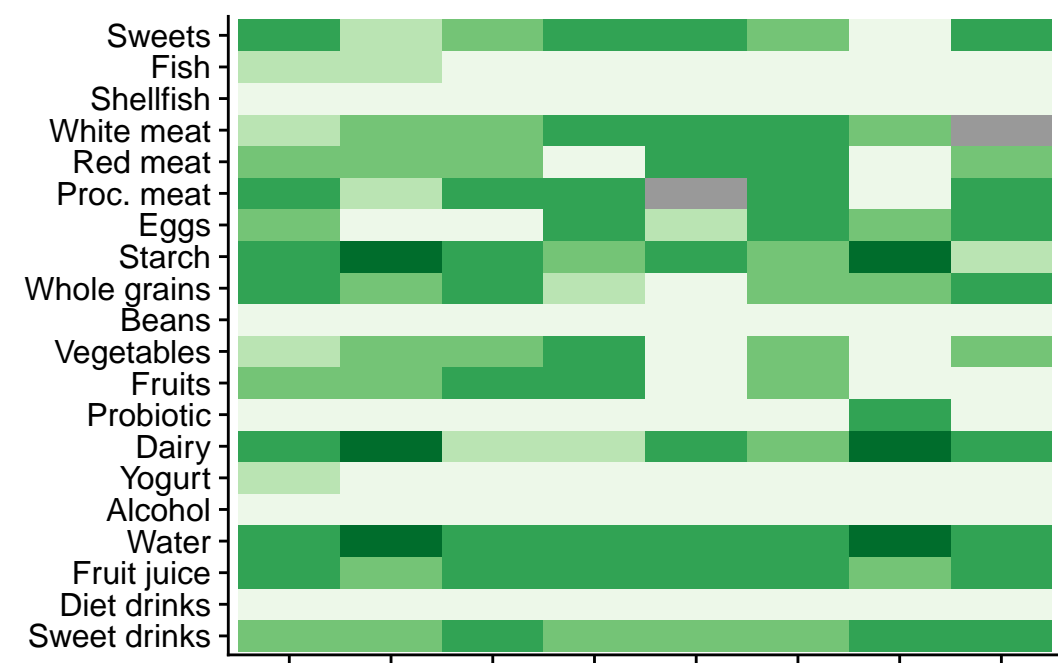
K00024: malate dehydrogenase [EC:1.1.1.37]
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02863: large subunit ribosomal protein L1
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
K10540: methyl-galactoside transport syste...
UNGROUPED



H4009: 6 Female White Cincinnati | nonIBD



H4010: 13 Male Black or African American Cincinnati | UC



- Bacteroides caccae
- Bacteroides dorei
- Bacteroides fragilis
- Bacteroides ovatus
- Bacteroides uniformis
- Parabacteroides merdae
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- Streptococcus salivarius
- other

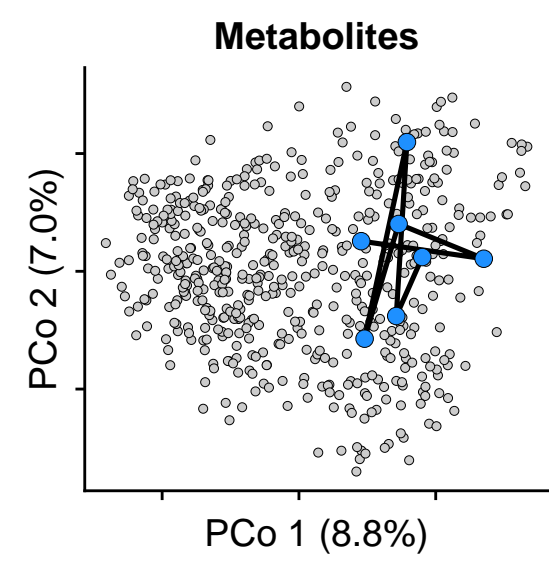
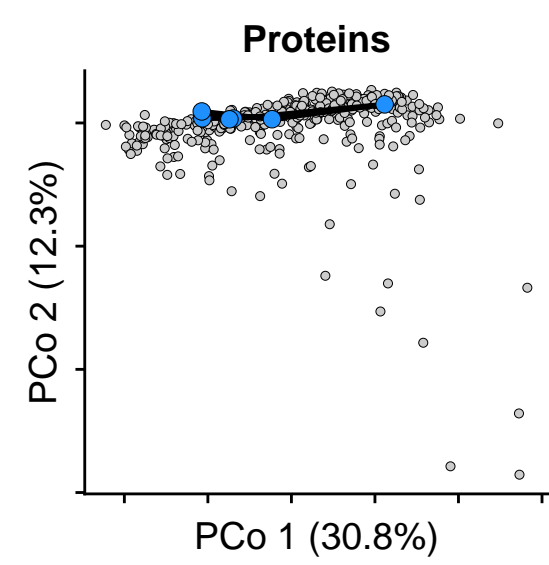
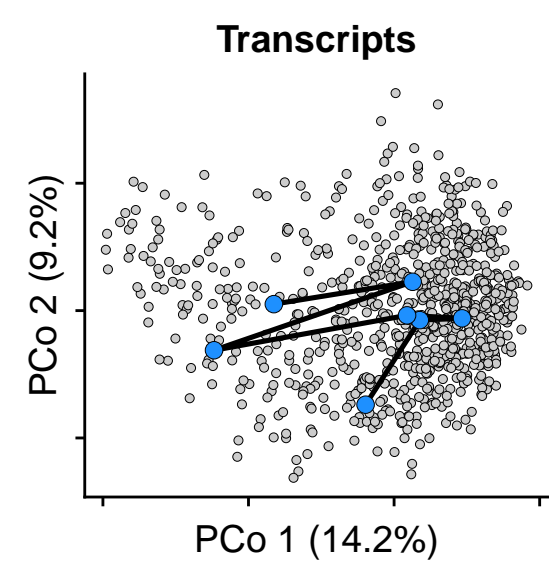
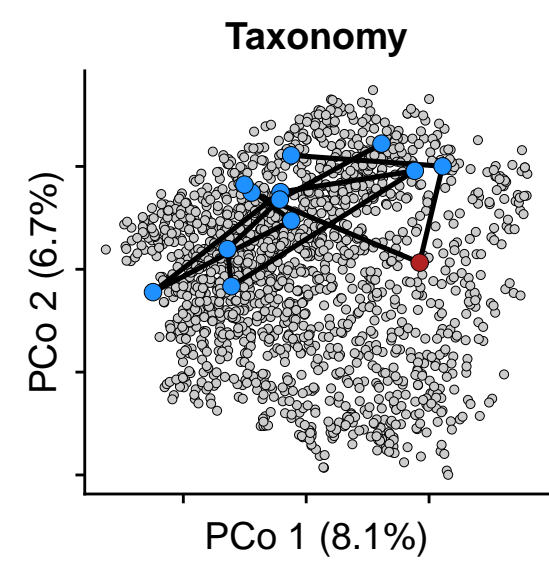
- Alistipes shahii
- Bacteroides caccae
- Bacteroides dorei
- Bacteroides fragilis
- Bacteroides ovatus
- Bacteroides uniformis
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- other
- unclassified

- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown

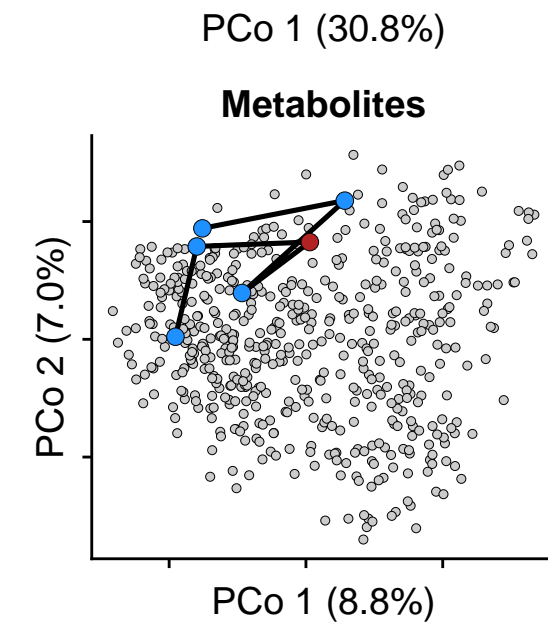
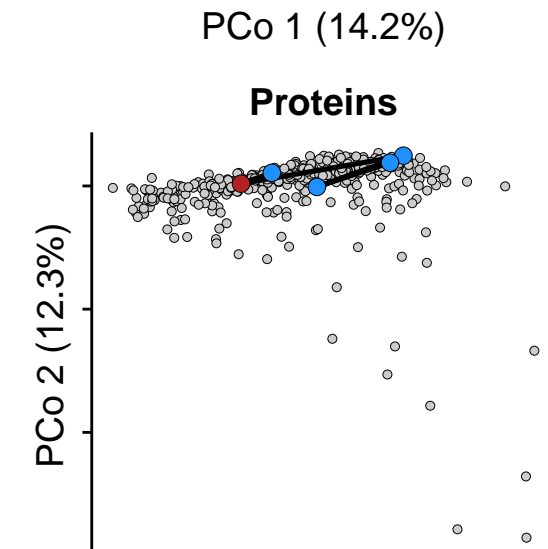
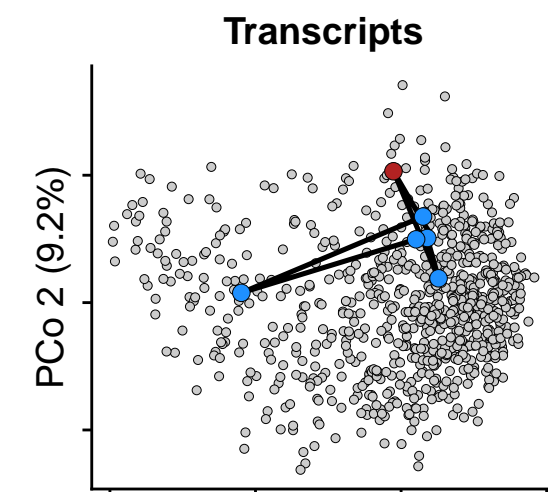
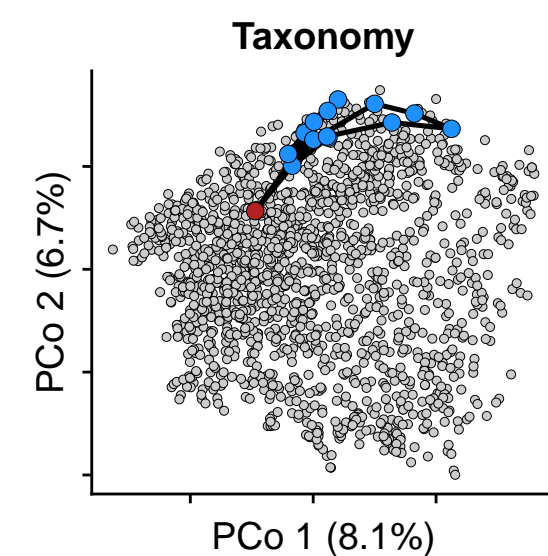
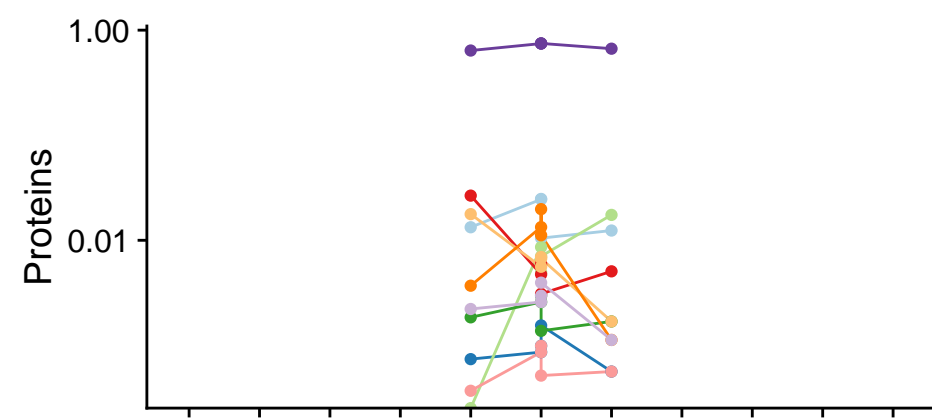
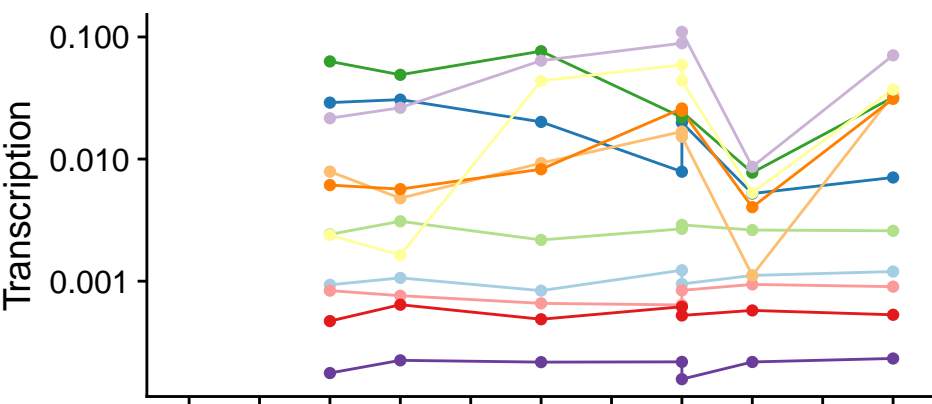
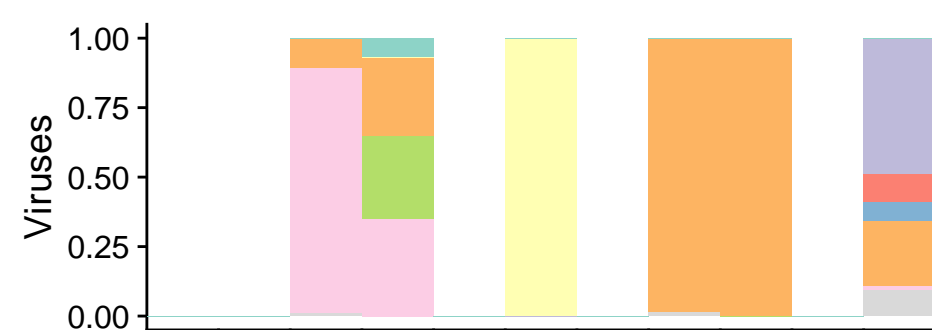
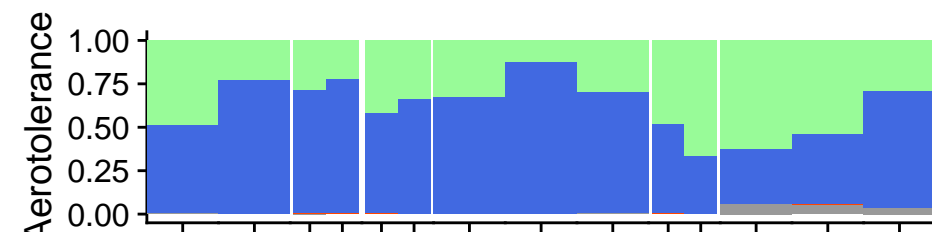
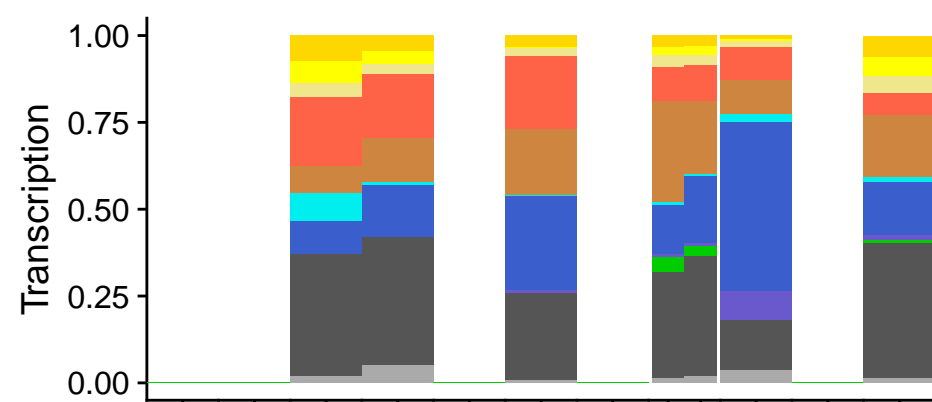
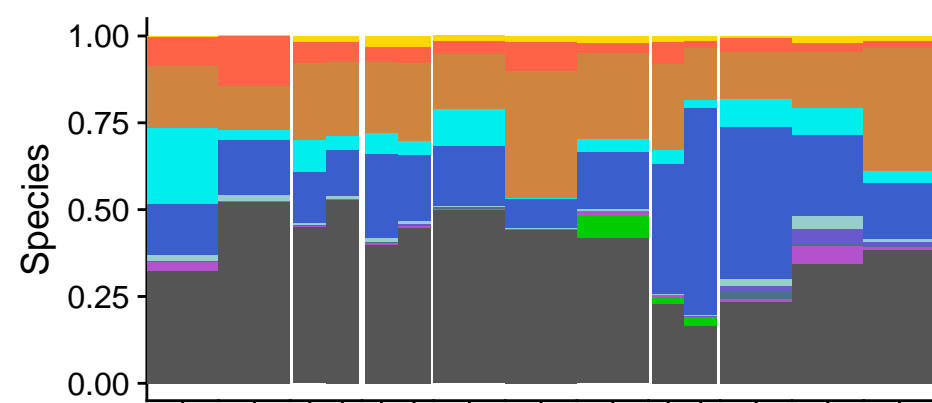
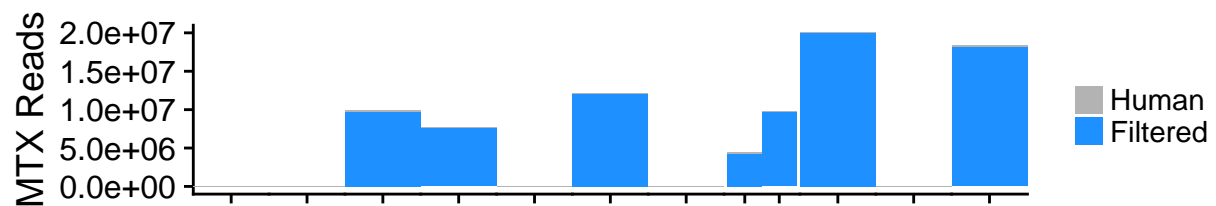
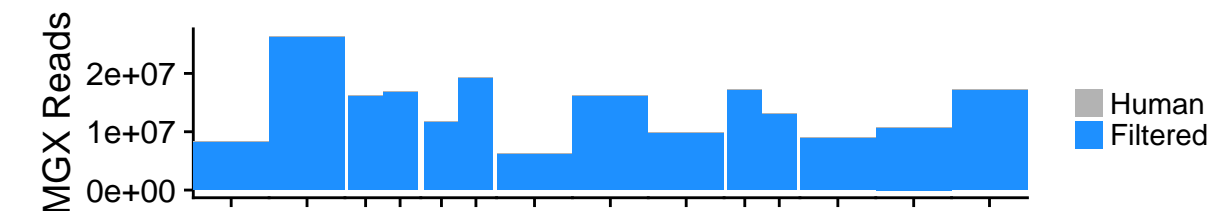
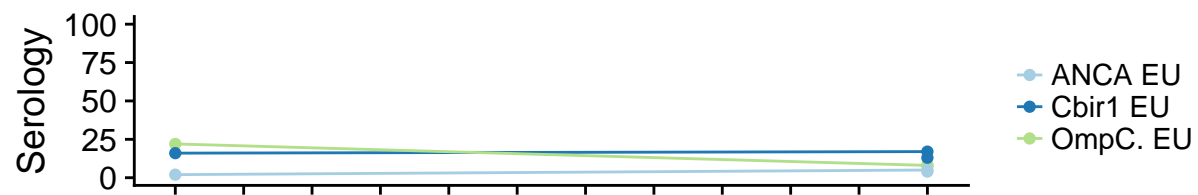
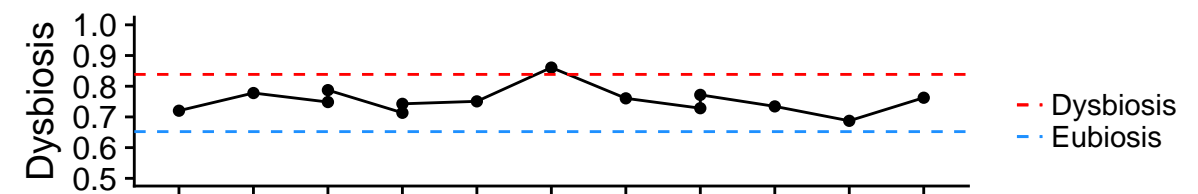
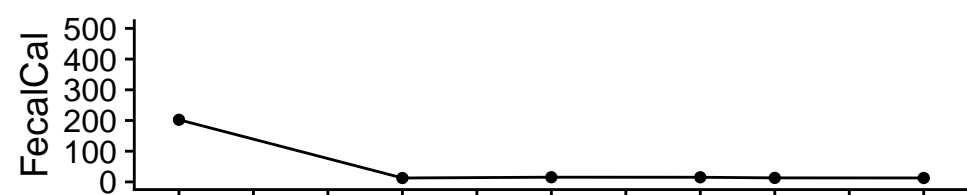
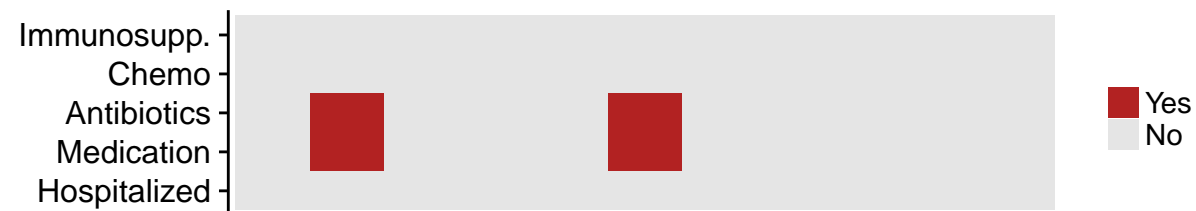
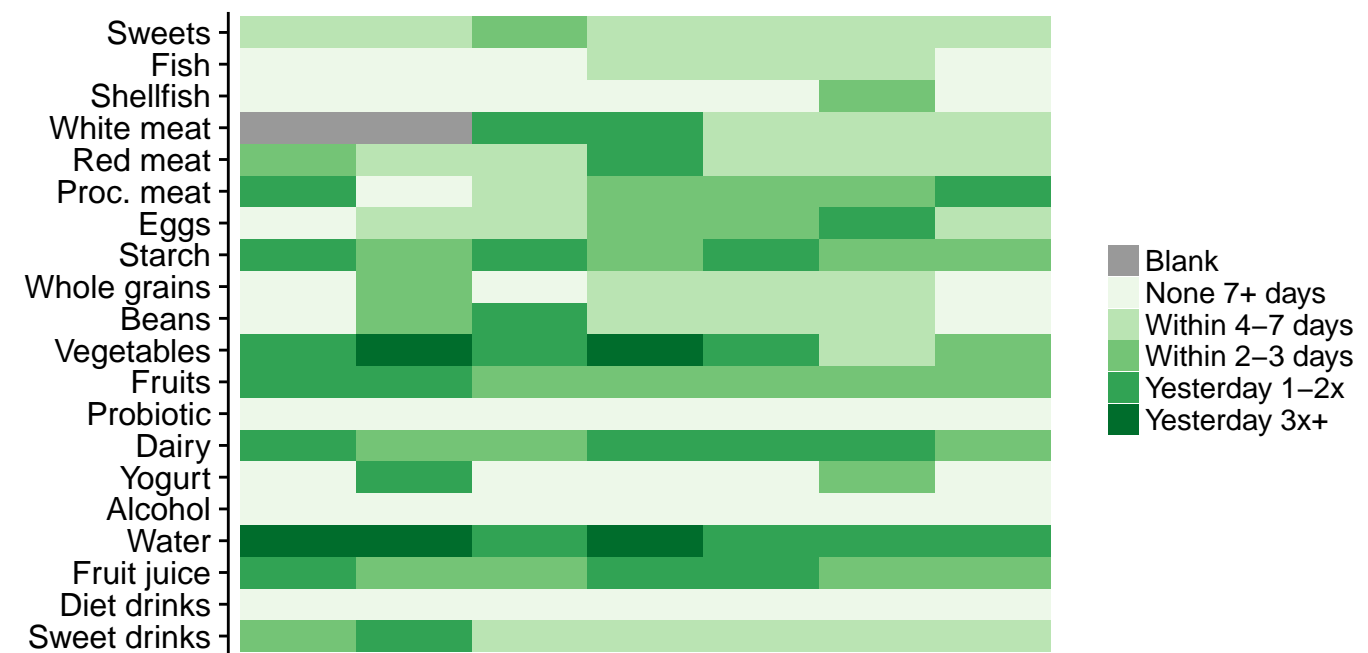
- T7virus
- C2virus
- unclassified C2likevirus
- Leuconostoc phage phiLN03
- unclassified Siphoviridae
- Gokushovirus WZ-2015a
- Cucumber green mottle mosaic virus
- NA

- K00762: orotate phosphoribosyltransferase [...]
- K01495: GTP cyclohydrolase I [EC:3.5.4.16]
- K01834: 2,3-bisphosphoglycerate-depende...
- K02078: acyl carrier protein
- K02909: large subunit ribosomal protein L31
- K02931: large subunit ribosomal protein L5
- K02954: small subunit ribosomal protein S14
- K02968: small subunit ribosomal protein S20
- K03088: RNA polymerase sigma-70 factor, E...
- K04078: chaperonin GroES
- K09903: uridylyate kinase [EC:2.7.4.22]

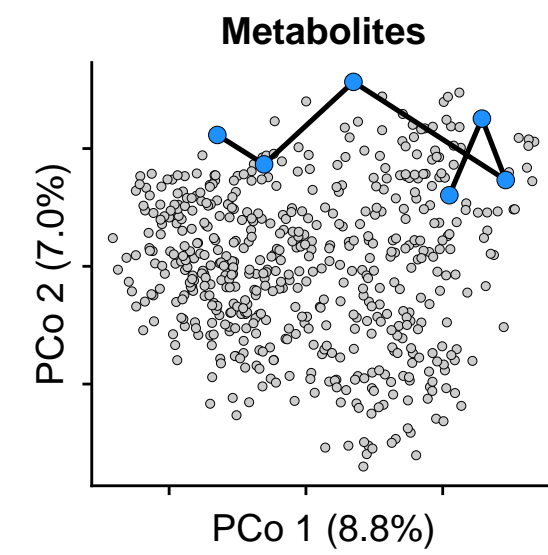
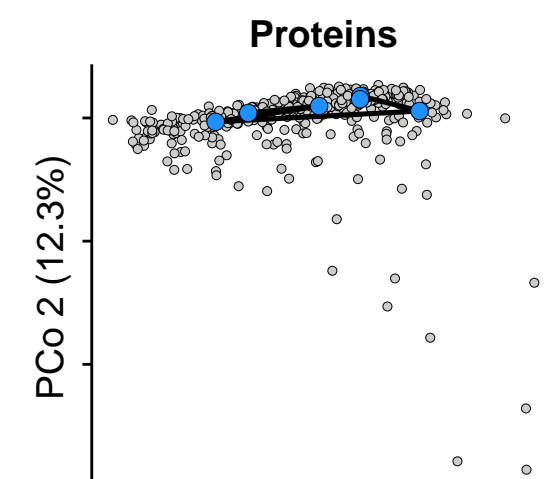
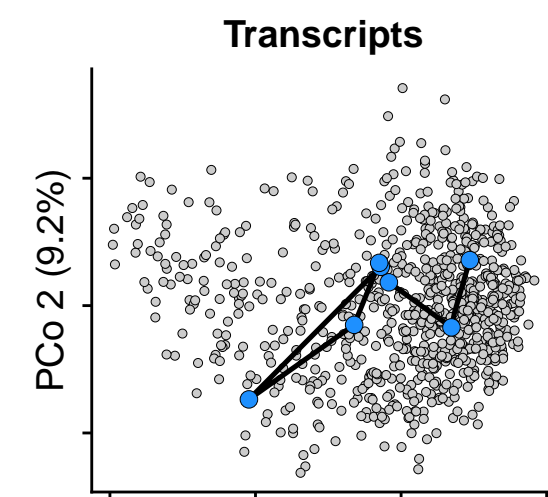
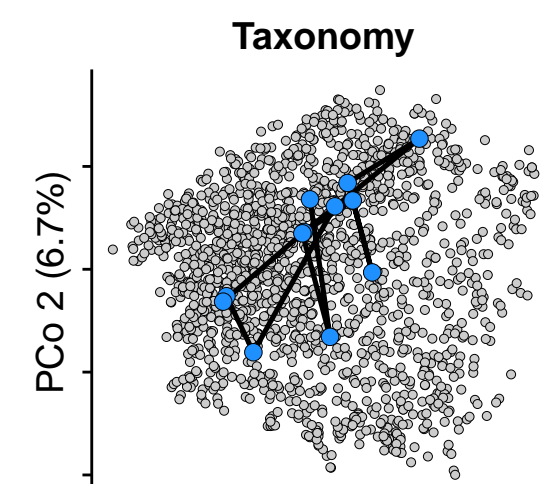
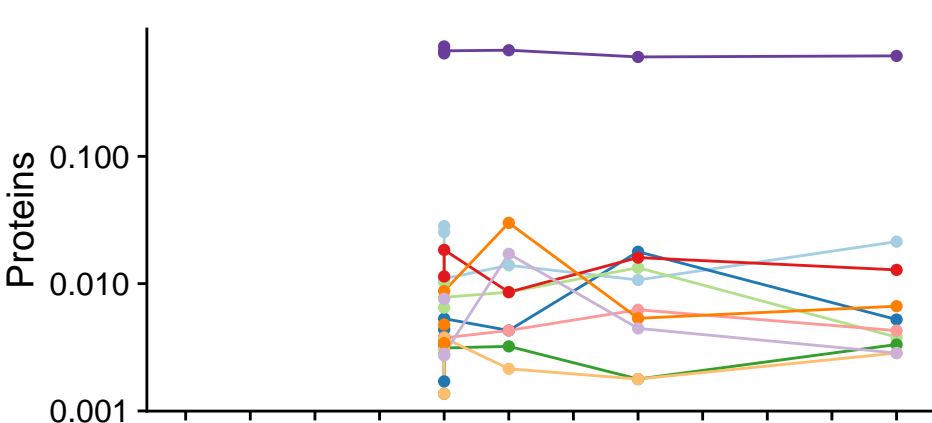
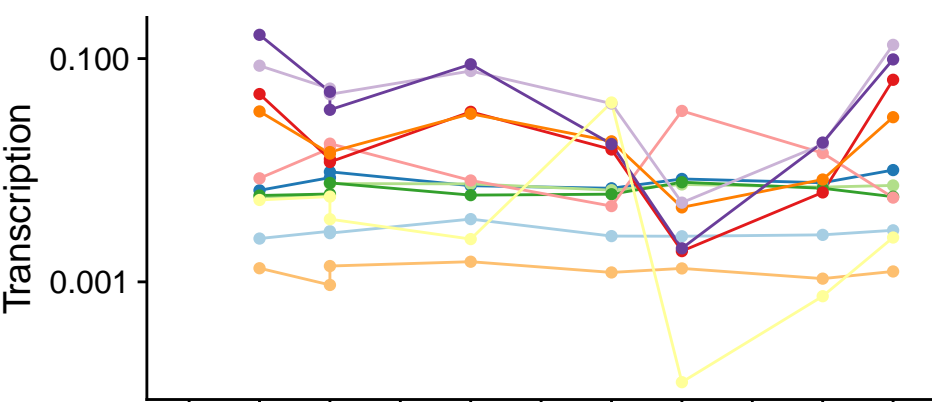
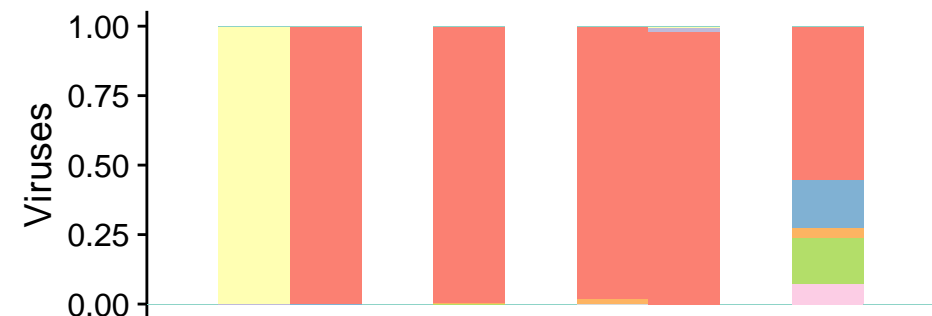
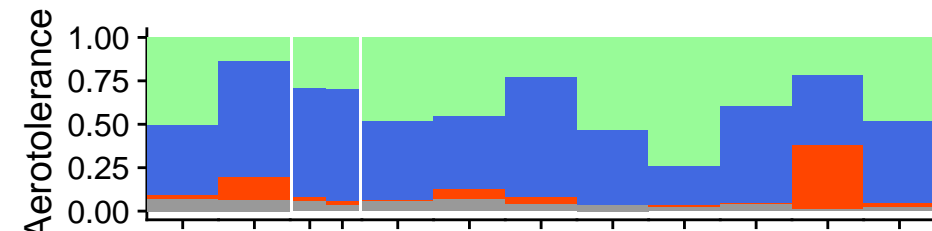
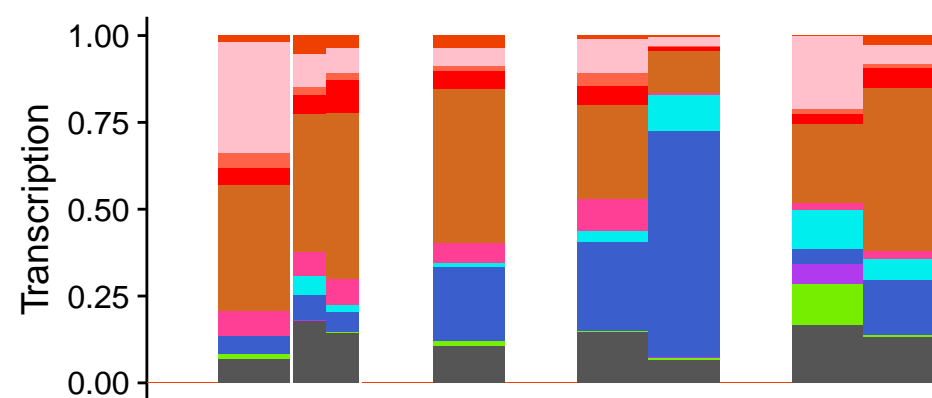
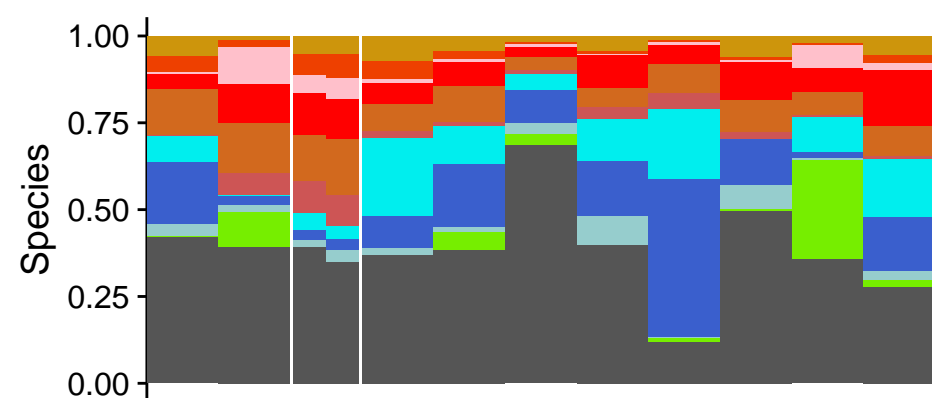
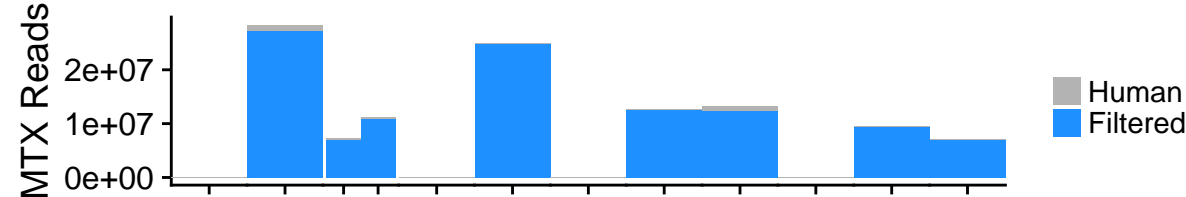
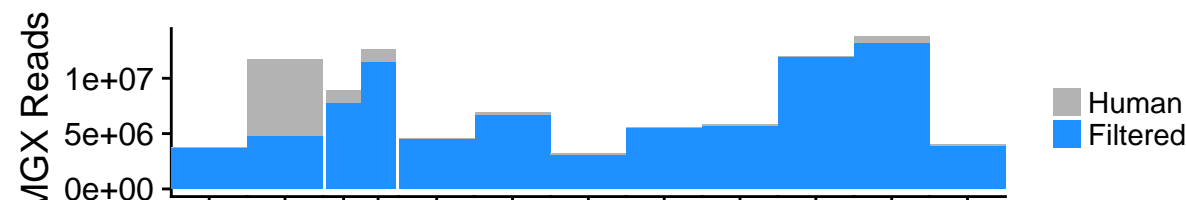
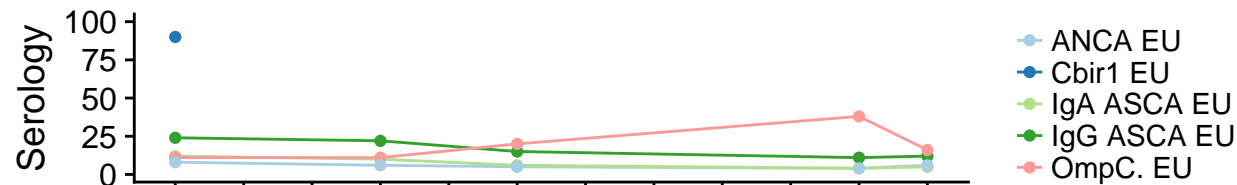
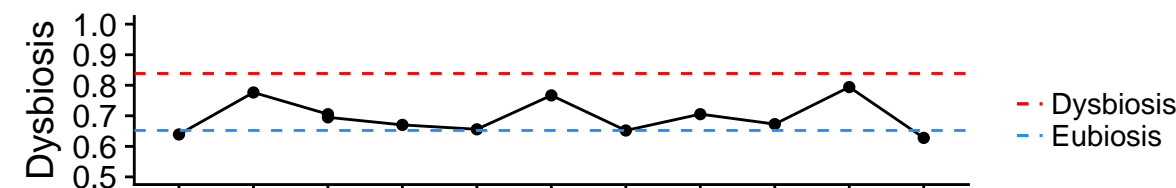
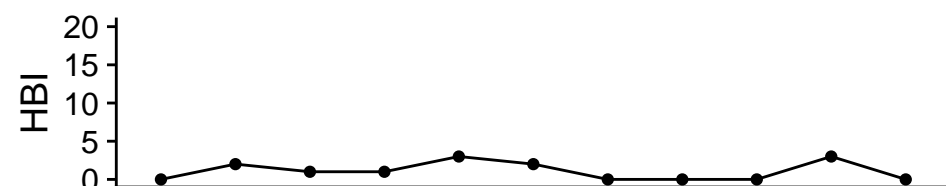
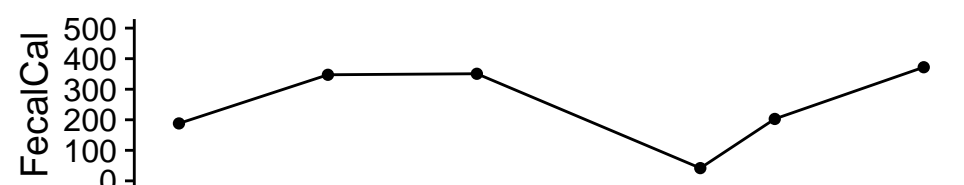
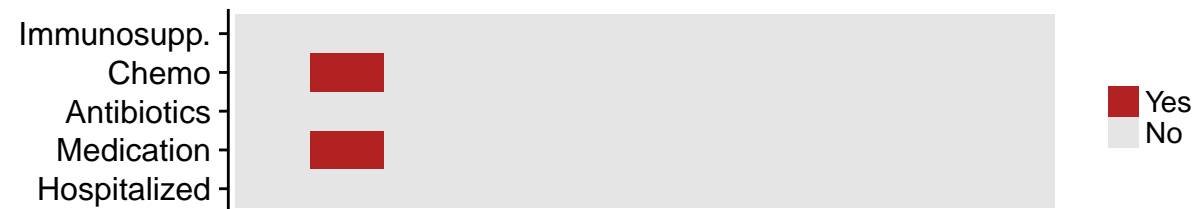
- K00134: glyceraldehyde 3-phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K00626: acetyl-CoA C-acetyltransferase [E...
- K01805: xylose isomerase [EC:5.3.1.5]
- K01939: adenylosuccinate synthase [EC:6.3....
- K02358: elongation factor EF-Tu
- K02994: small subunit ribosomal protein S8
- K04077: chaperonin GroEL
- UNGROUPED



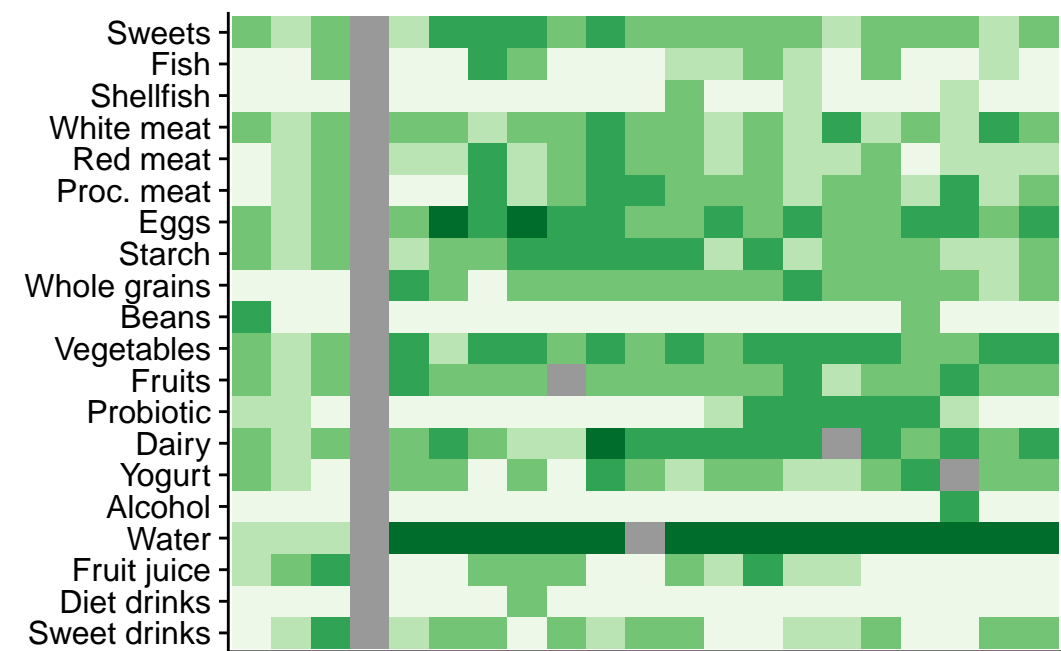
H4013: 8 Male More than one race Cincinnati | nonIBD



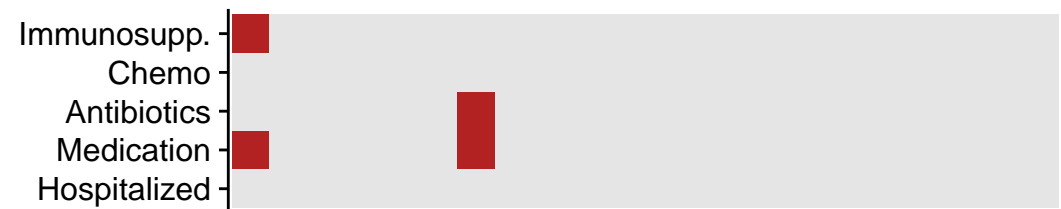
H4014: 10 Female White Cincinnati | CD L3+L4



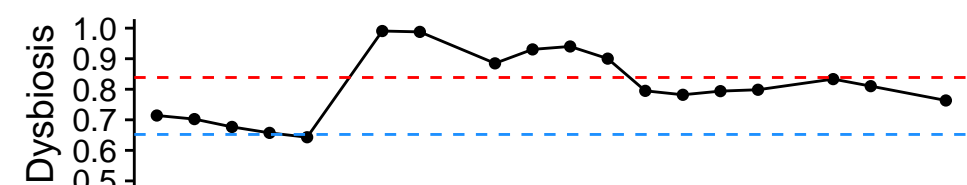
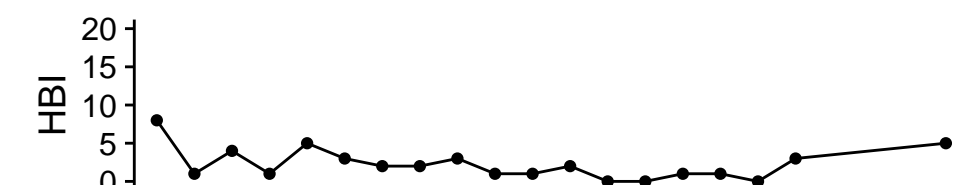
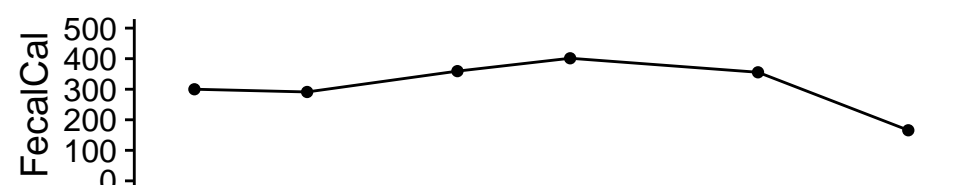
H4015: 15 Male White Cincinnati | CD L3+L4



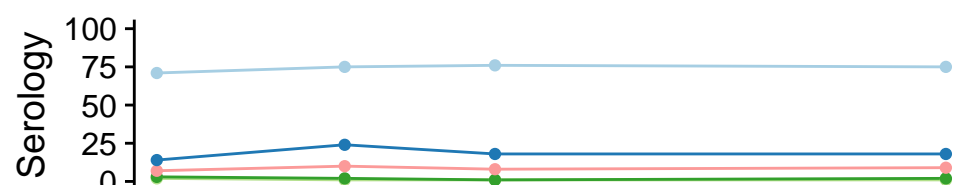
Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+



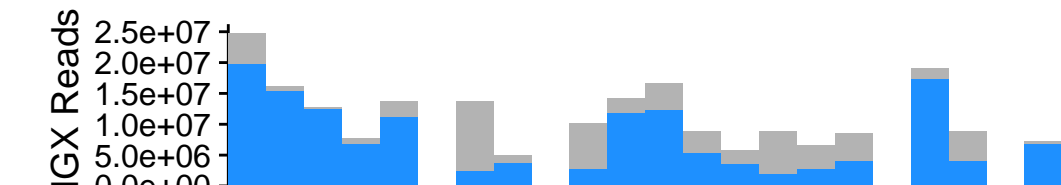
Yes
No



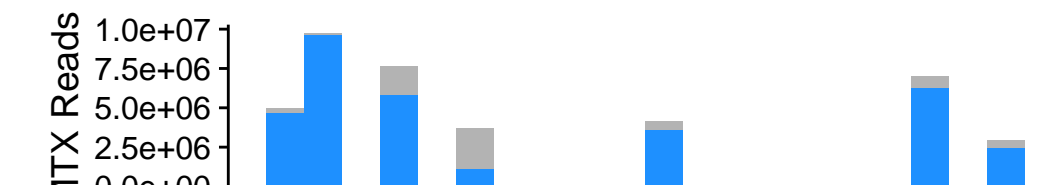
Dysbiosis
Eubiosis



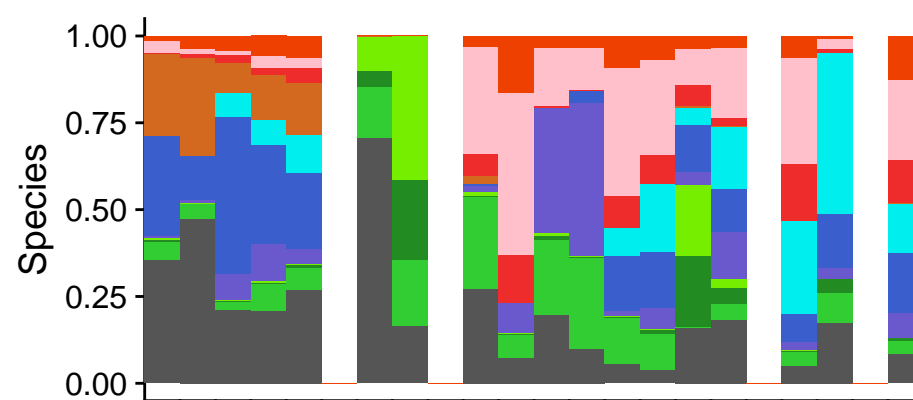
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



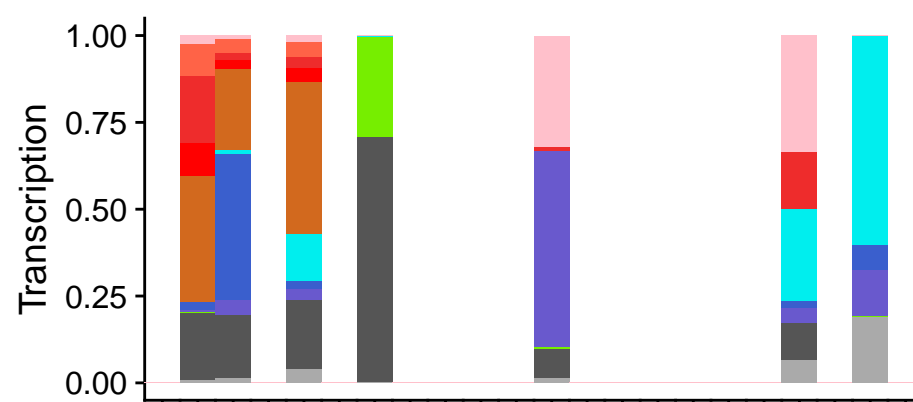
Human
Filtered



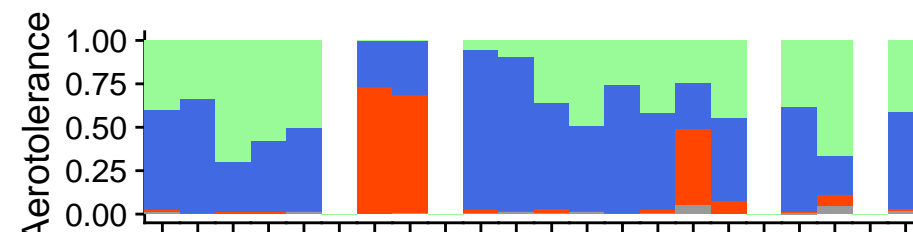
Human
Filtered



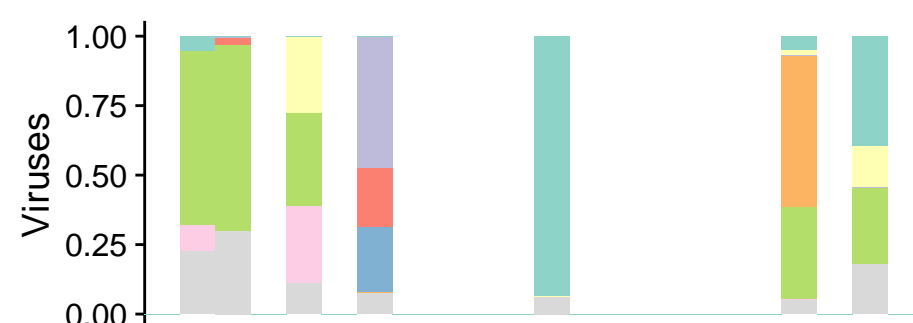
Bacteroides caccae
Bacteroides fragilis
Bacteroides thetaiotaomicron
Bacteroides vulgatus
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Escherichia coli
Haemophilus parainfluenzae
Sutterella wadsworthensis
other



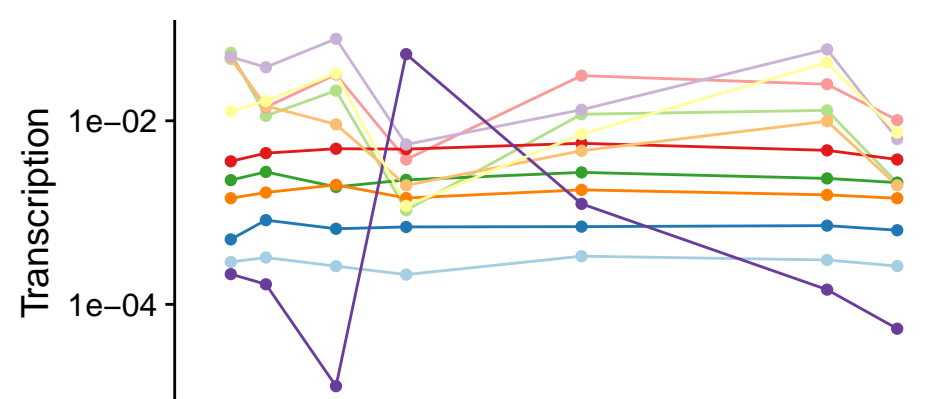
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Escherichia coli
other
unclassified



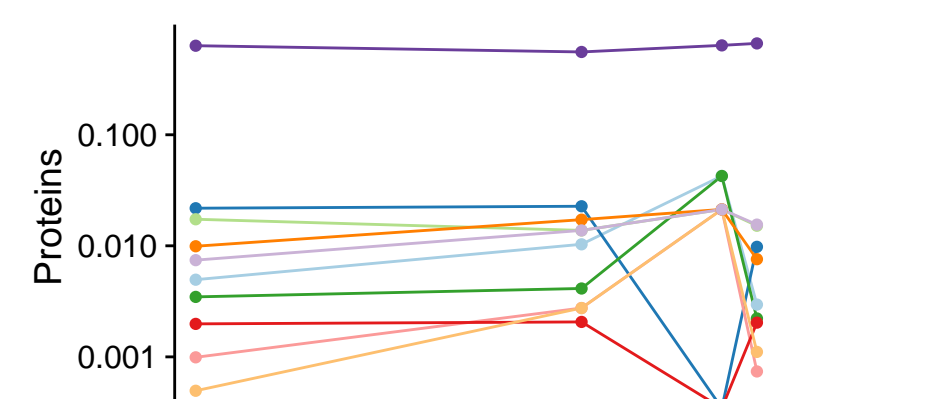
obligate anaerobe
aerotolerant
facultative anaerobe
unknown



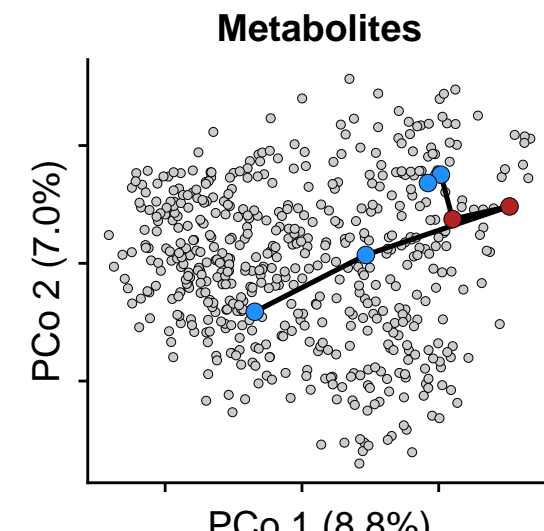
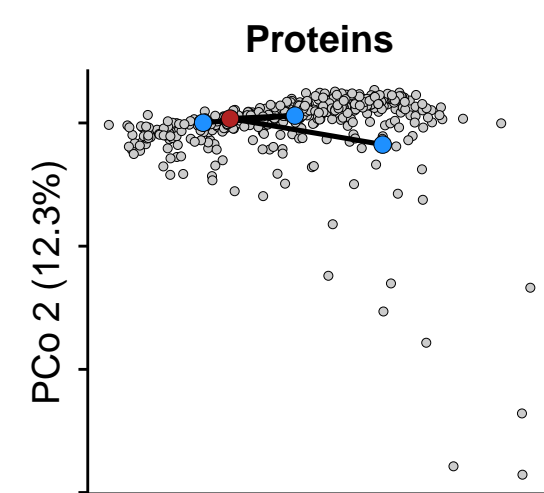
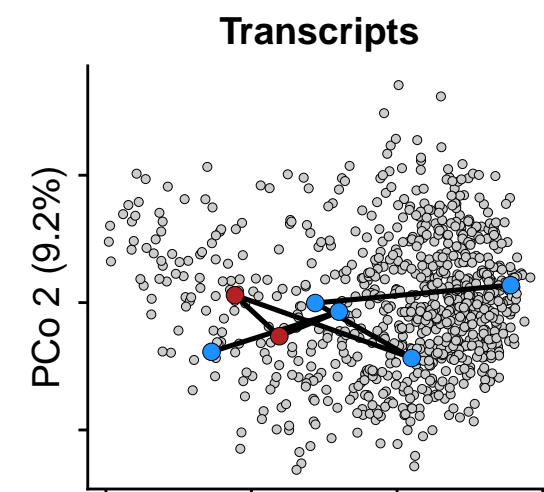
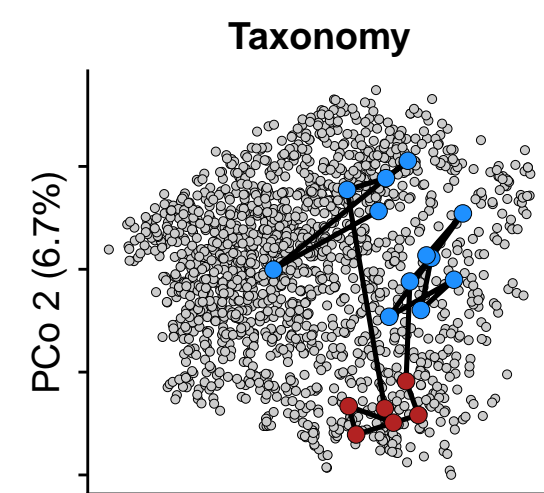
Escherichia virus K1G
Escherichia virus K1ind2
Gyrovirus 4
Gyrovirus GyV3
Gokushovirus WZ-2015a
Norovirus GII isolates
Pepper mild mottle virus
Tomato mosaic virus
other



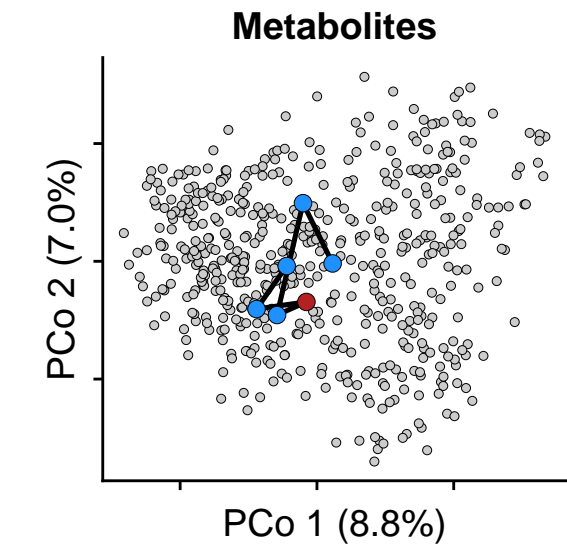
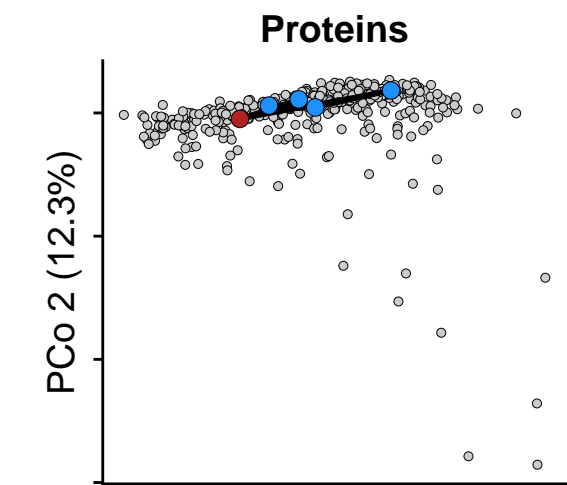
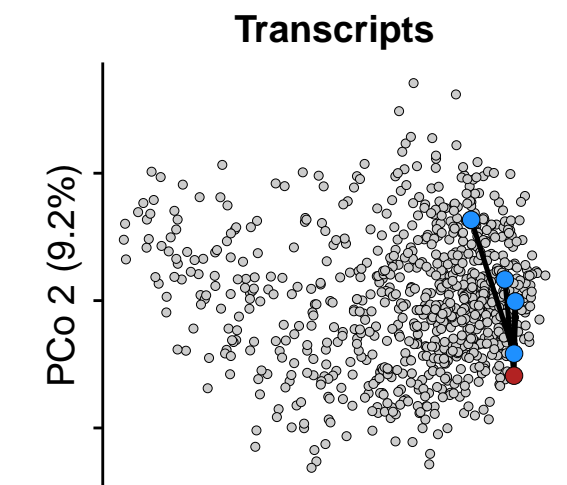
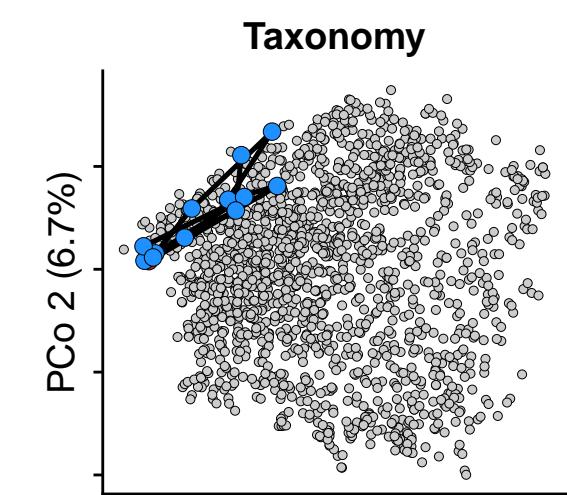
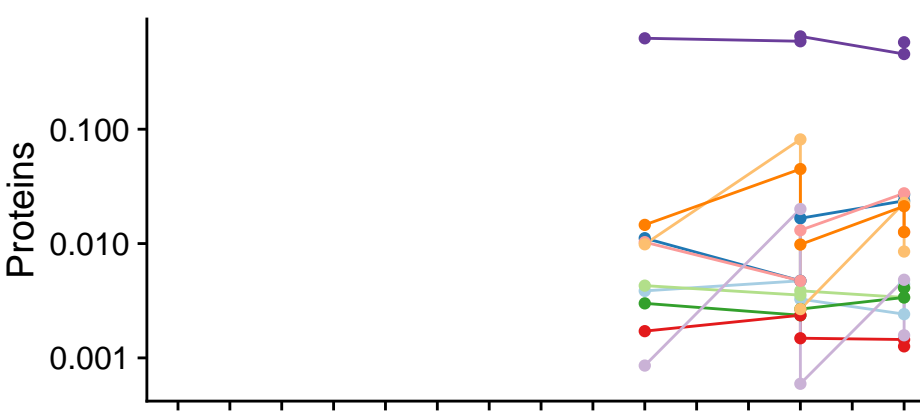
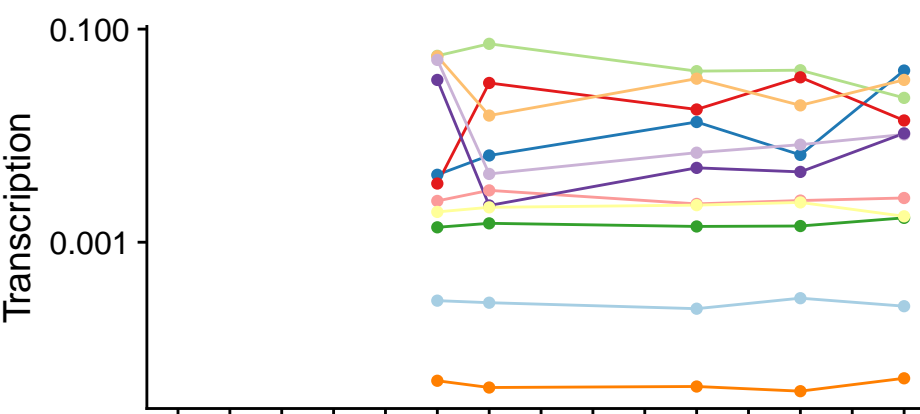
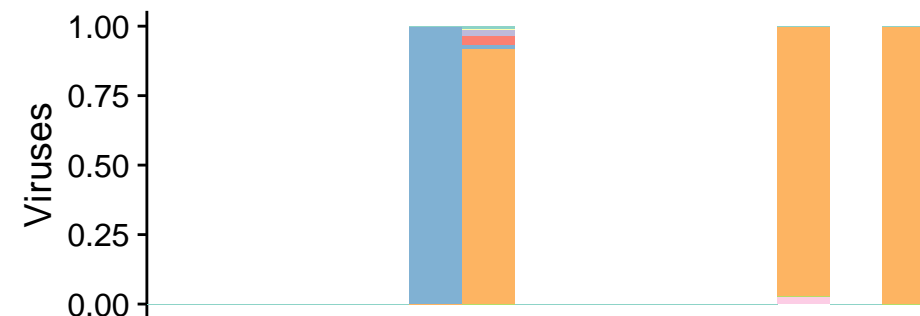
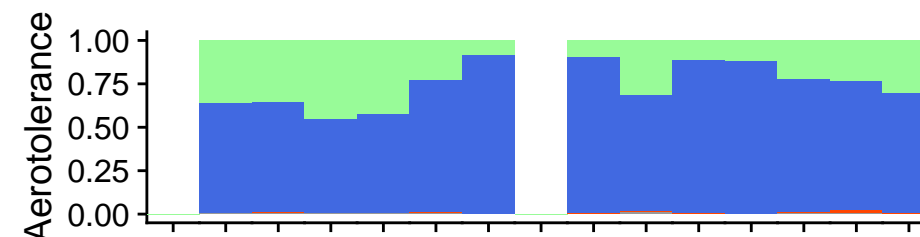
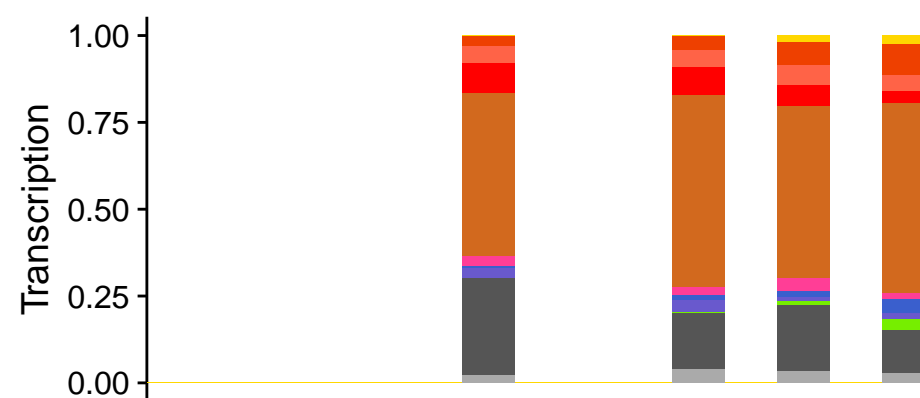
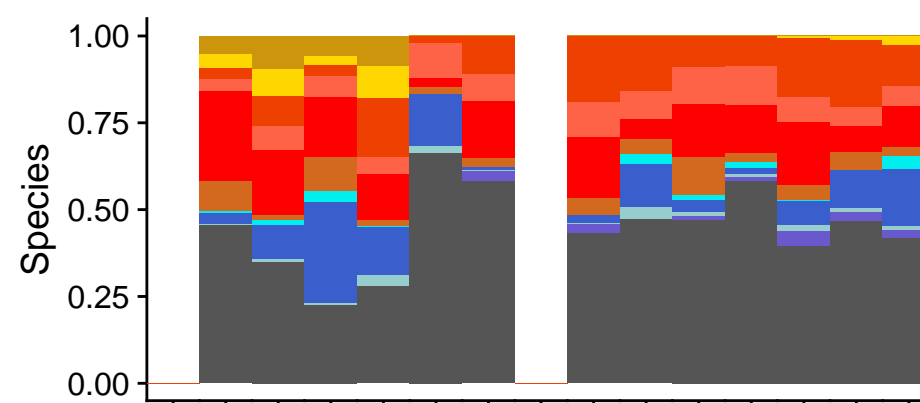
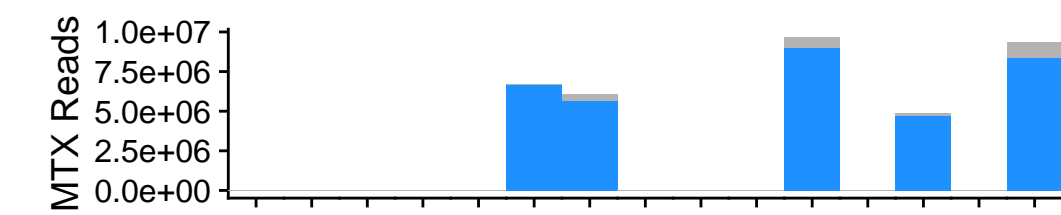
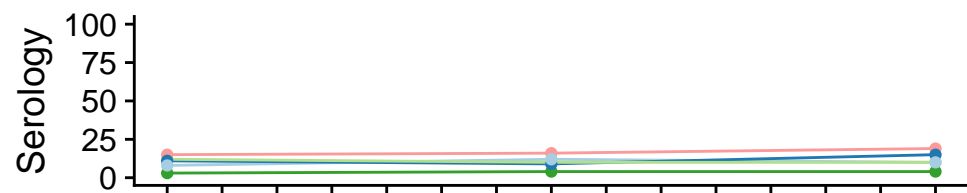
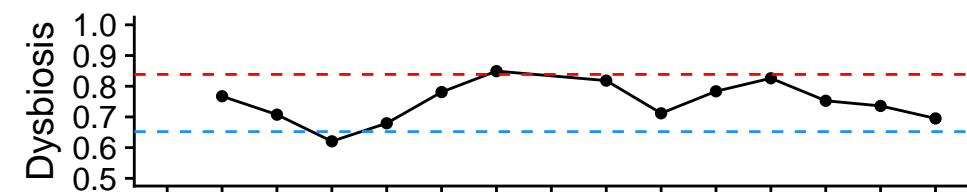
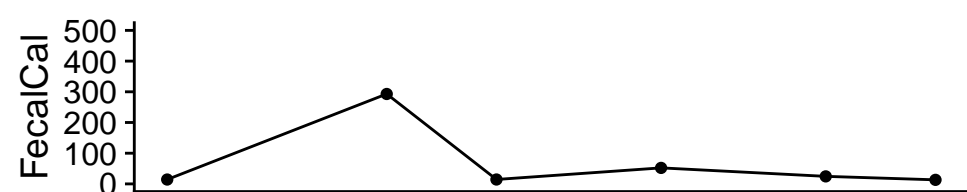
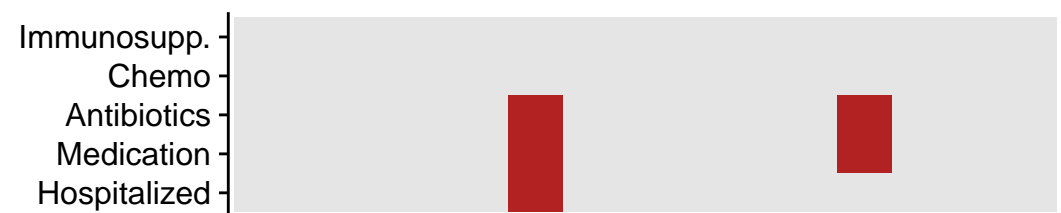
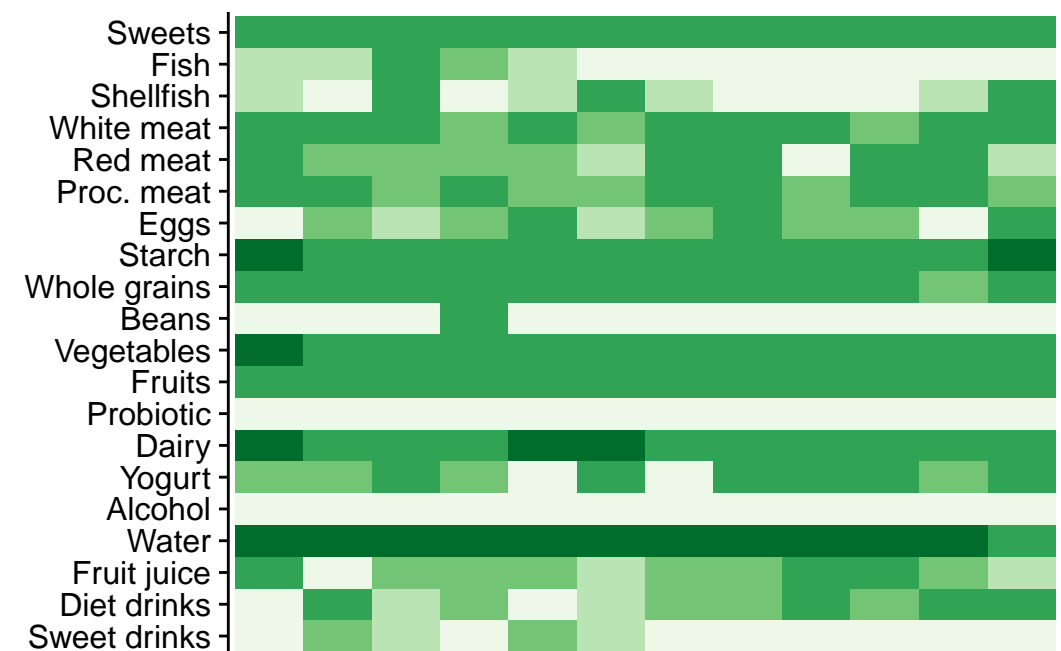
K01736: chorismate synthase [EC:4.2.3.5]
K01951: GMP synthase (glutamine-hydrolysi...
K02078: acyl carrier protein
K02356: elongation factor EF-P
K02968: small subunit ribosomal protein S20
K03040: DNA-directed RNA polymerase sub...
K03088: RNA polymerase sigma-70 factor, E...
K03545: trigger factor
K04078: chaperonin GroES
K06078: murein lipoprotein lipoprotein
K13993: HSP20 family protein



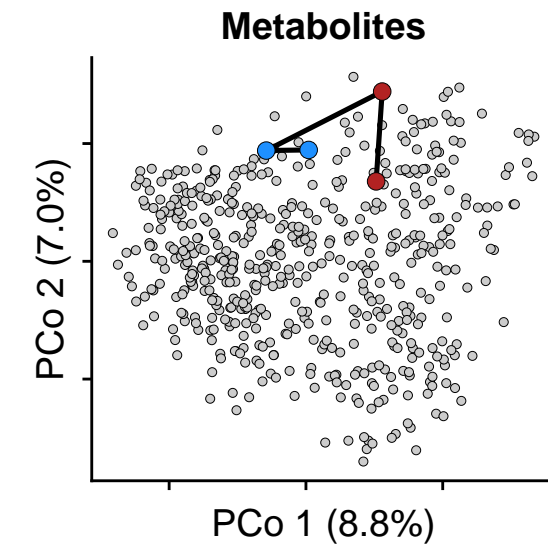
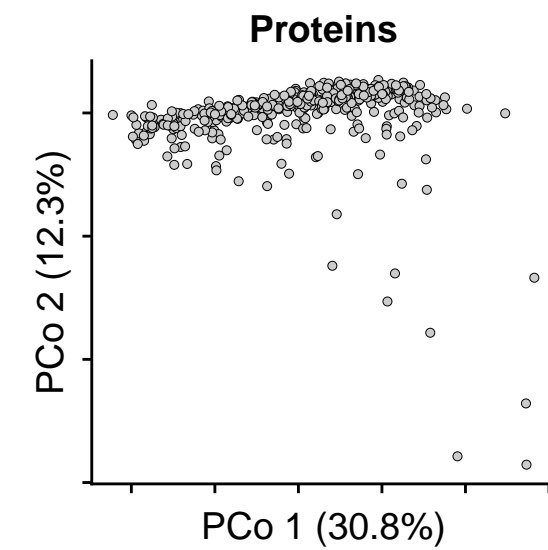
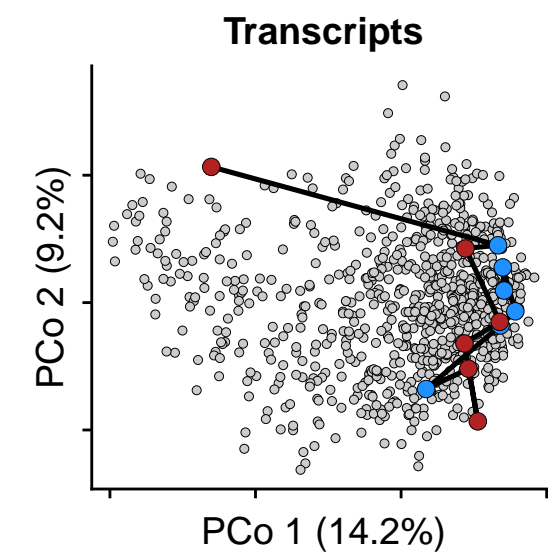
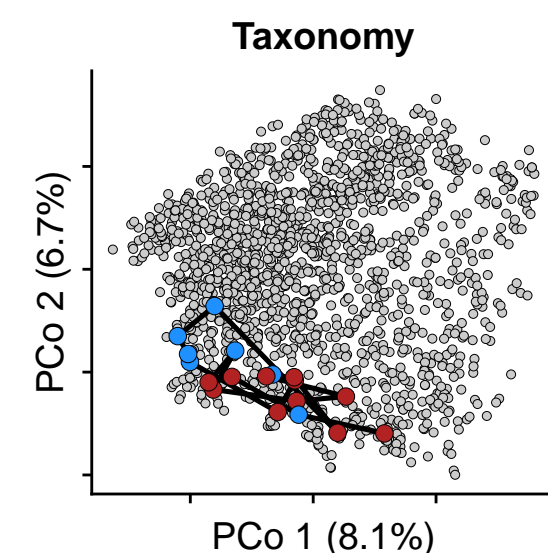
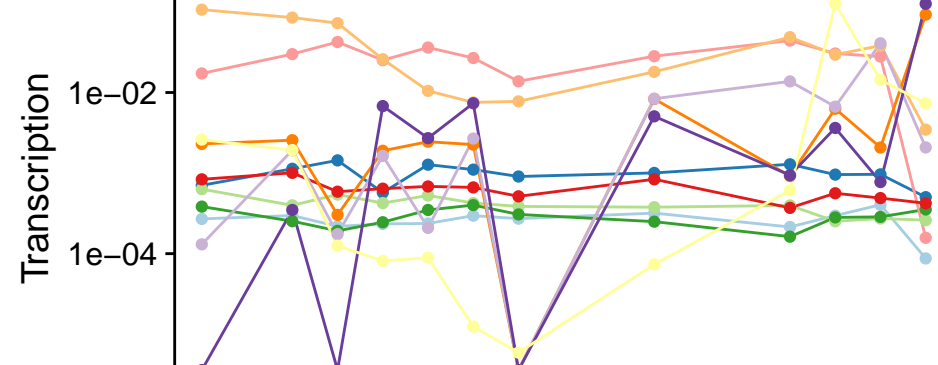
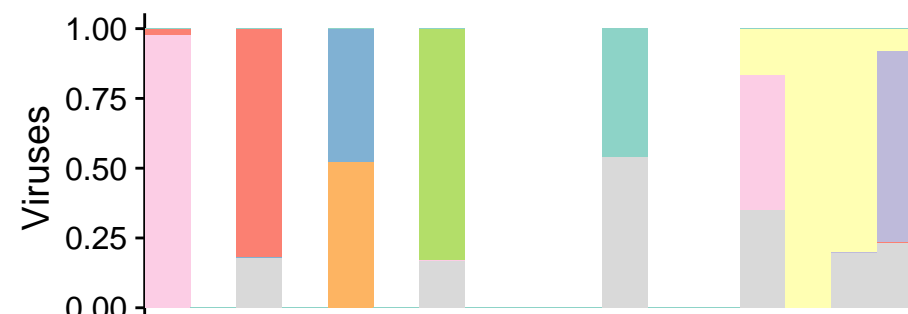
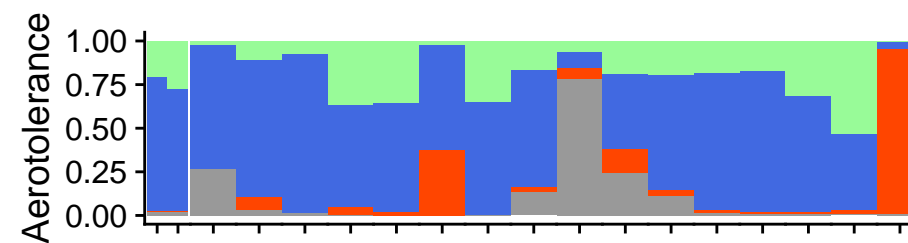
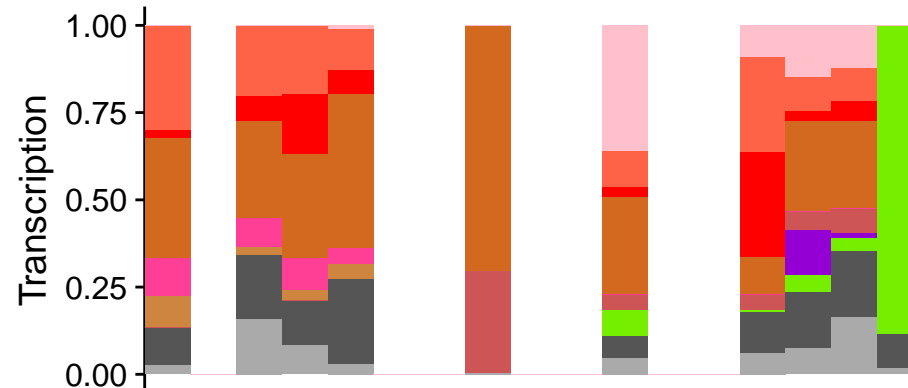
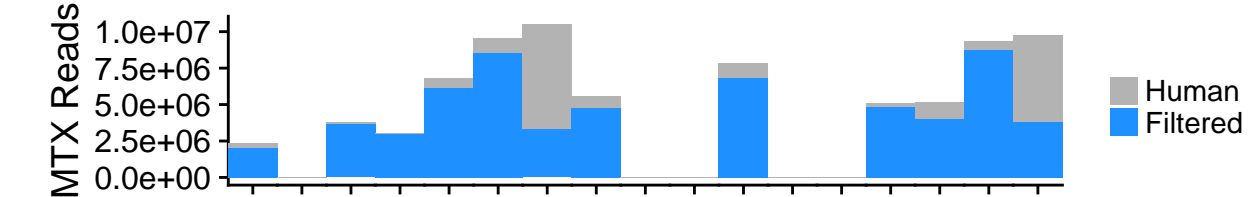
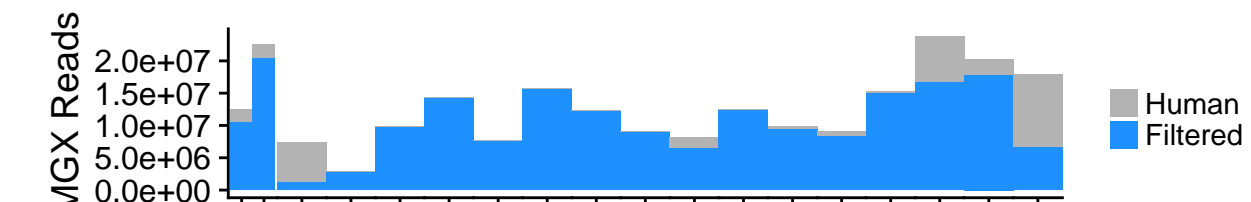
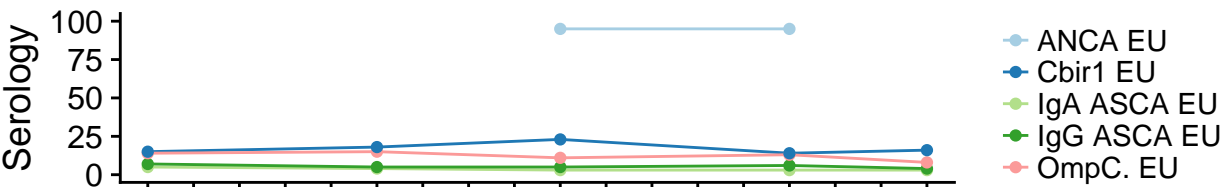
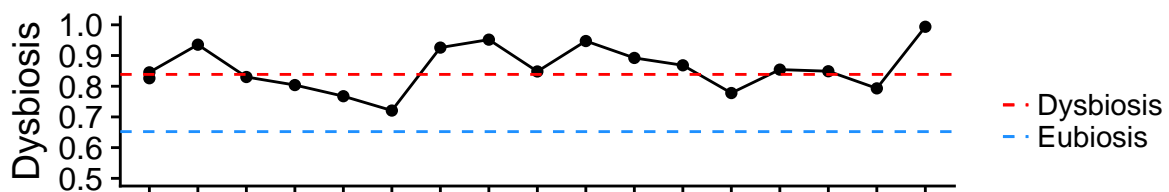
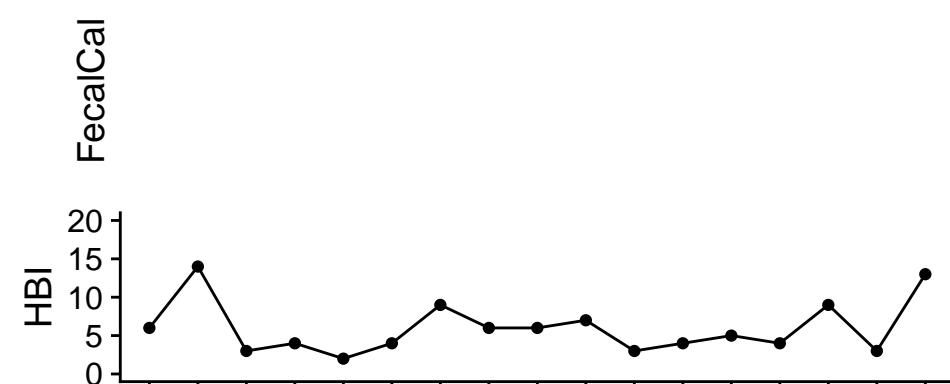
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K02358: elongation factor EF-Tu
K02931: large subunit ribosomal protein L5
K02950: small subunit ribosomal protein S12
K02959: small subunit ribosomal protein S16
K02988: small subunit ribosomal protein S5
K03737: pyruvate-ferredoxin/flavodoxin oxido...
K04077: chaperonin GroEL
UNGROUPED



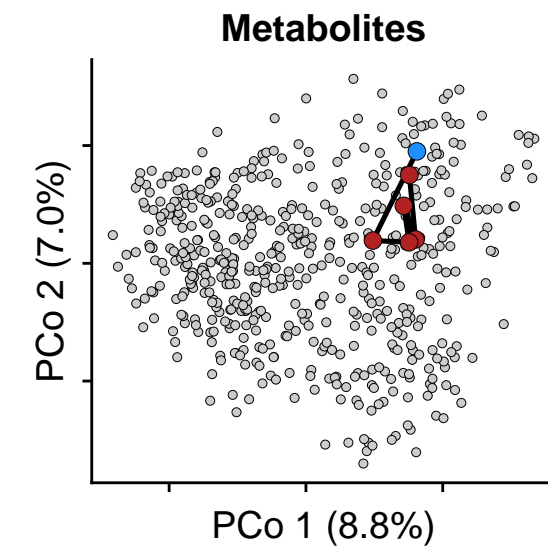
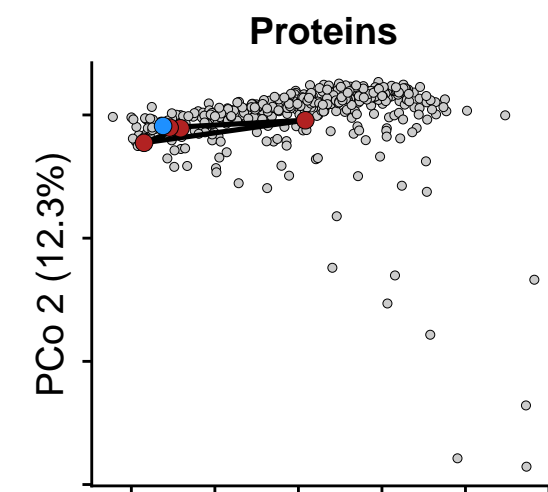
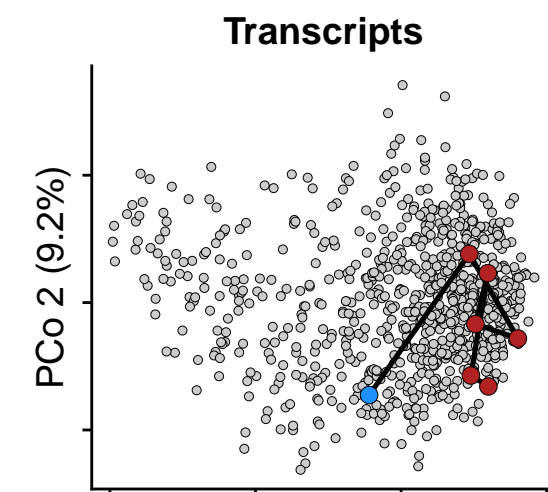
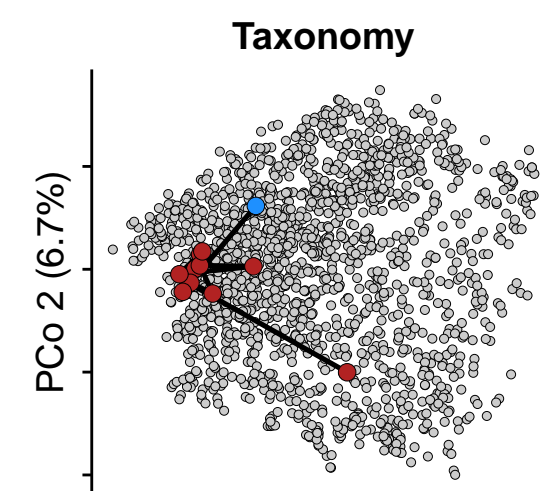
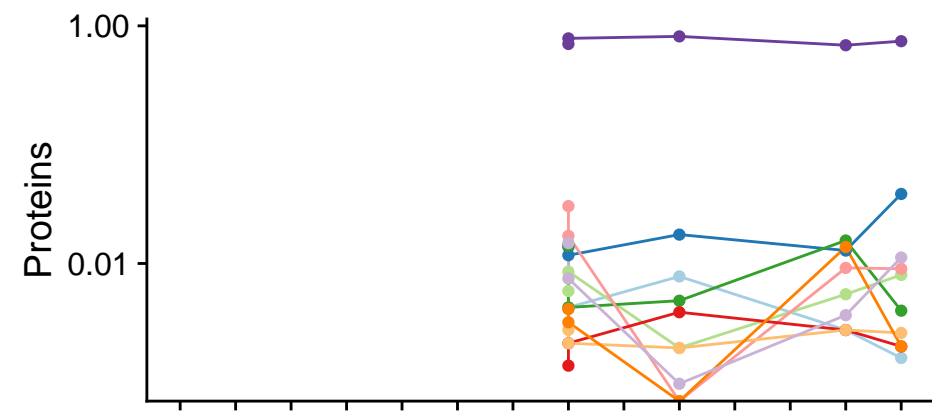
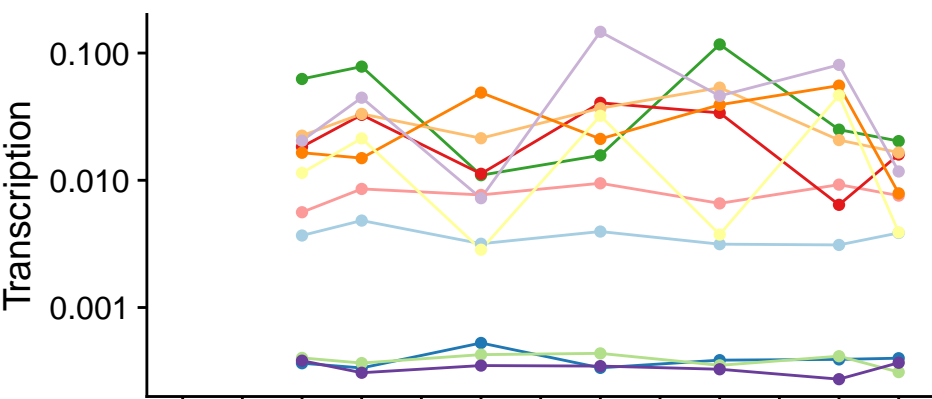
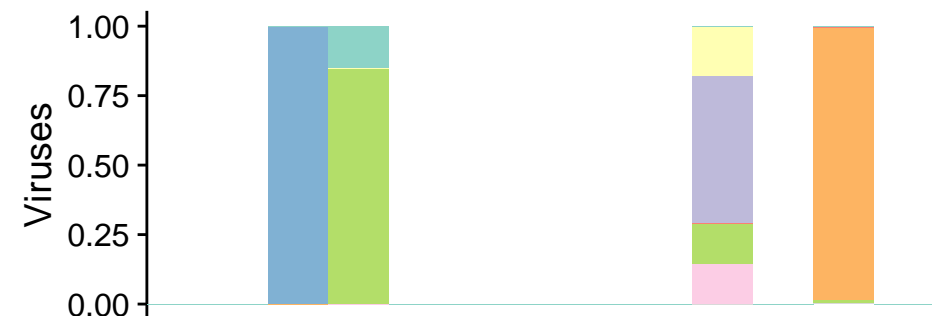
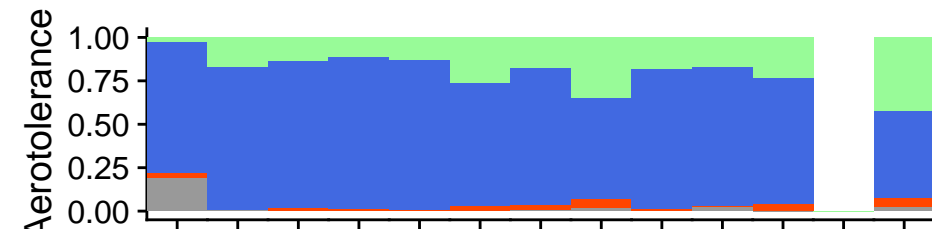
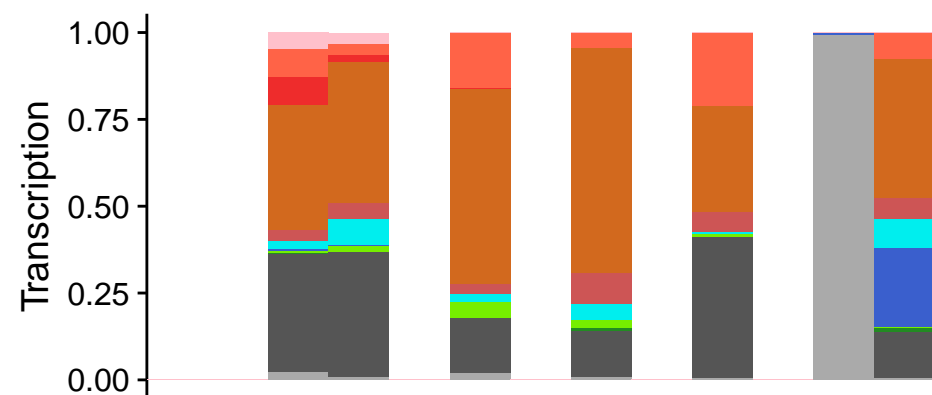
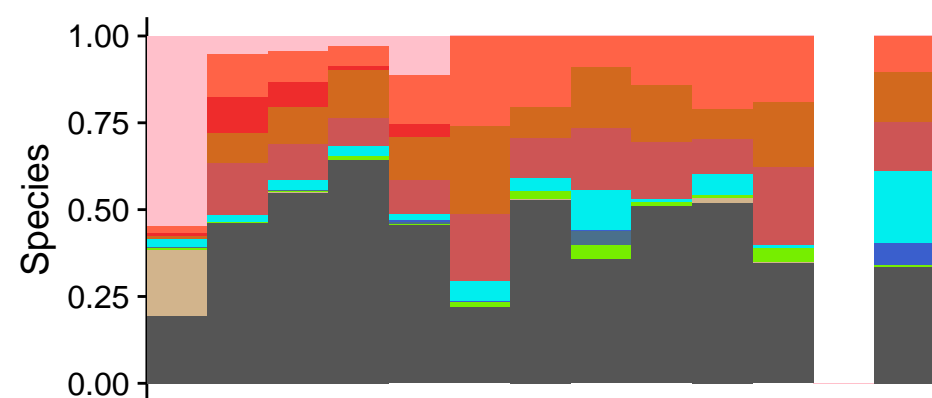
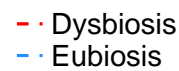
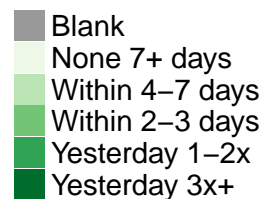
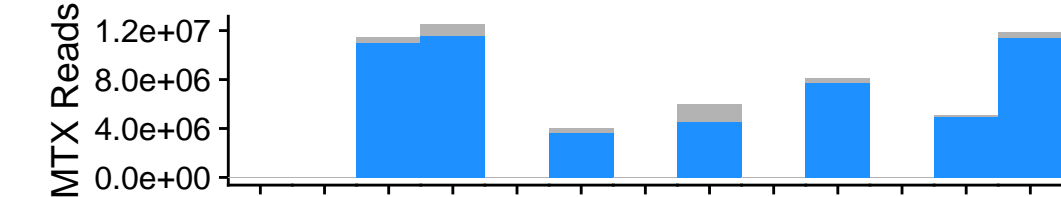
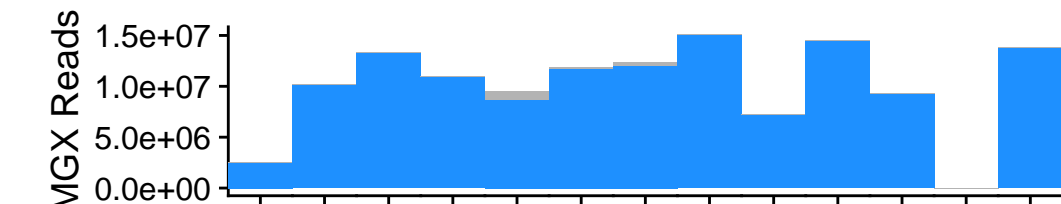
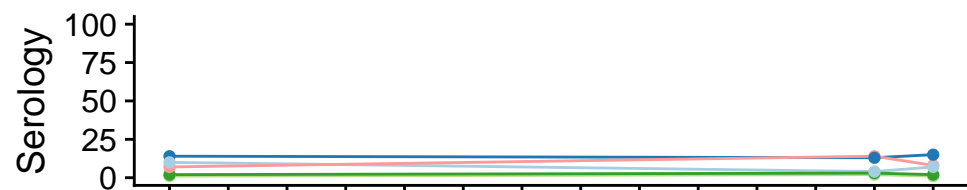
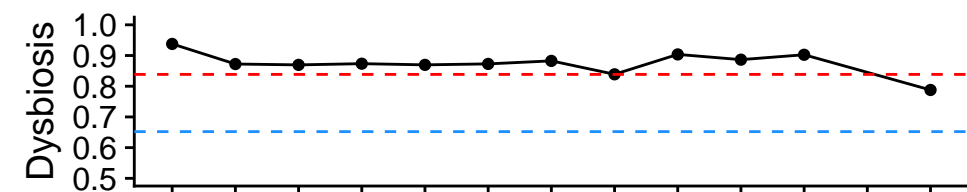
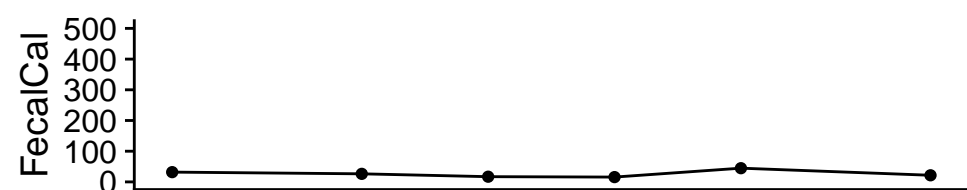
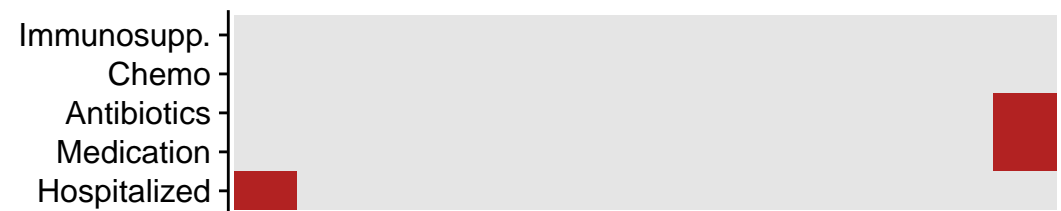
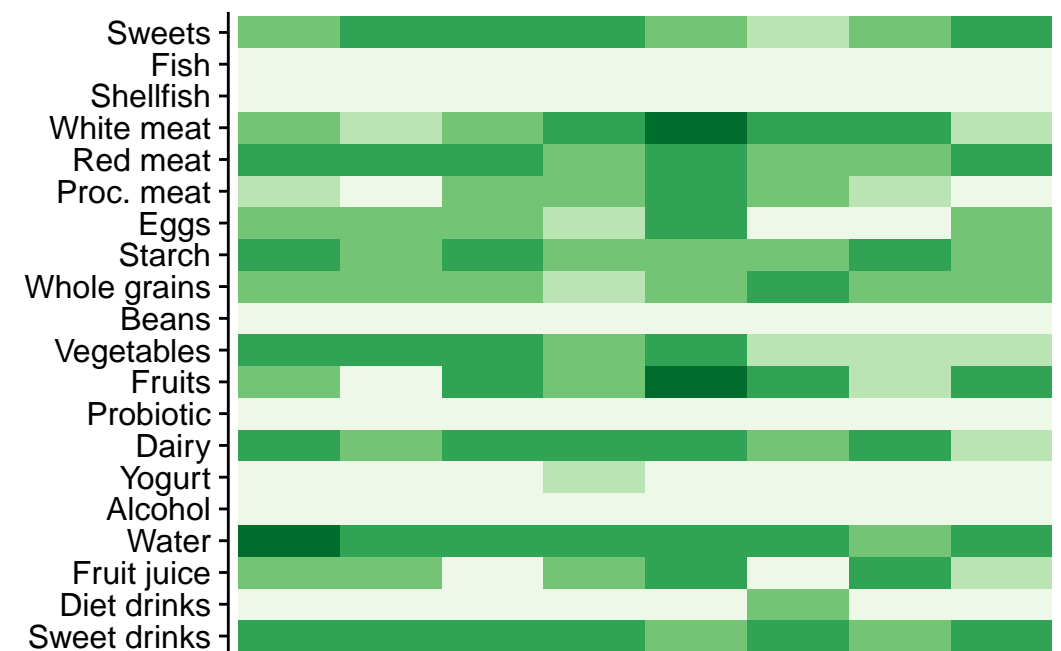
H4016: 10 Female White Cincinnati | nonIBD



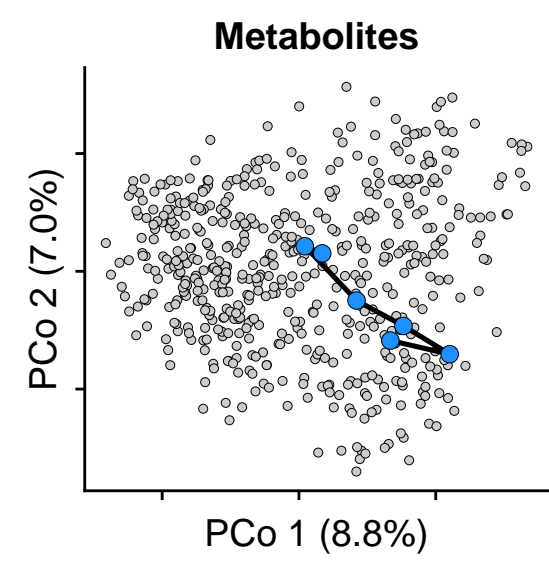
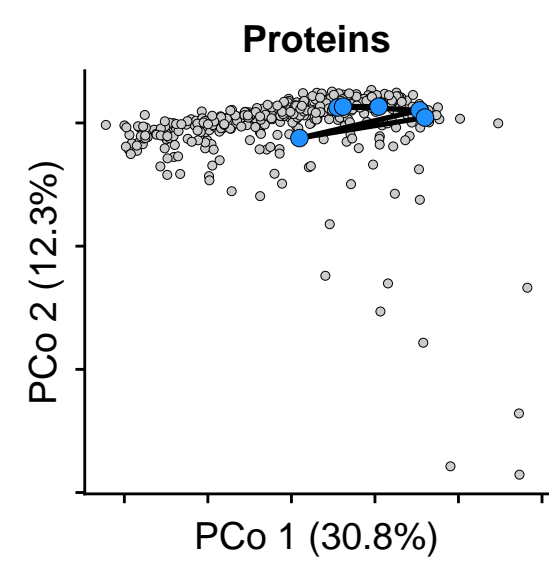
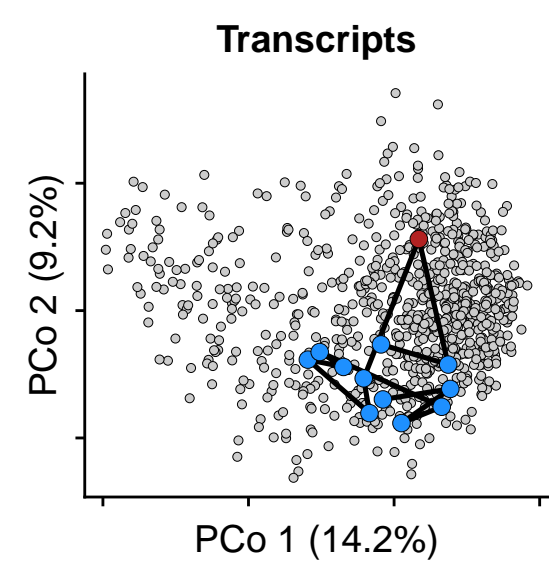
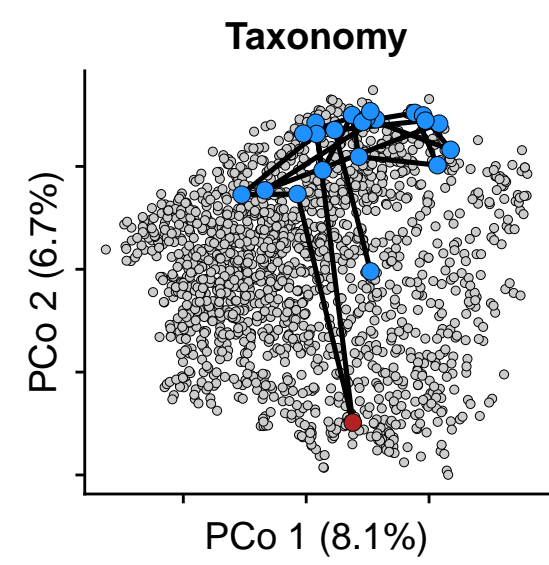
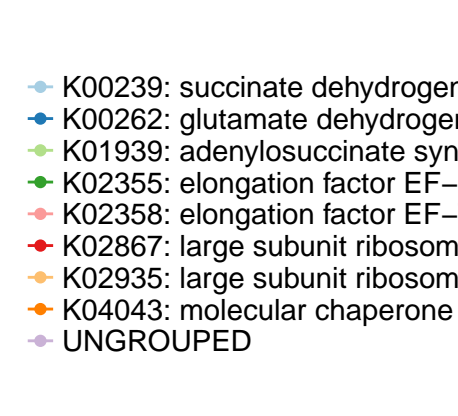
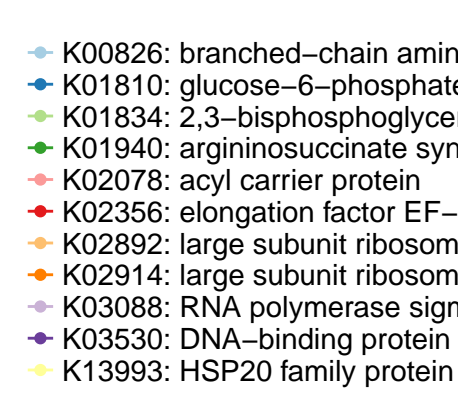
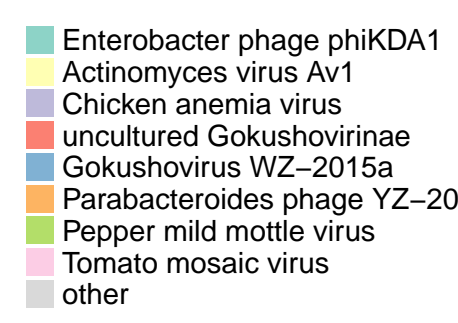
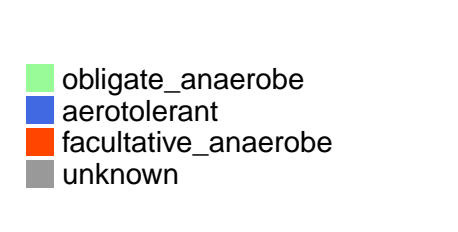
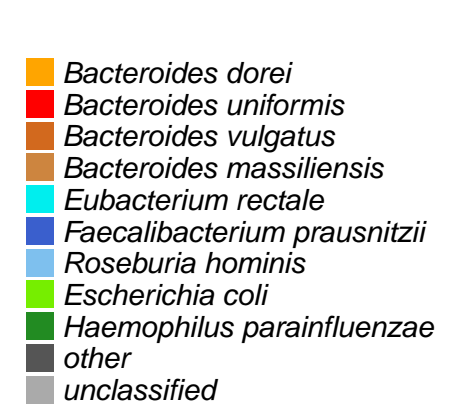
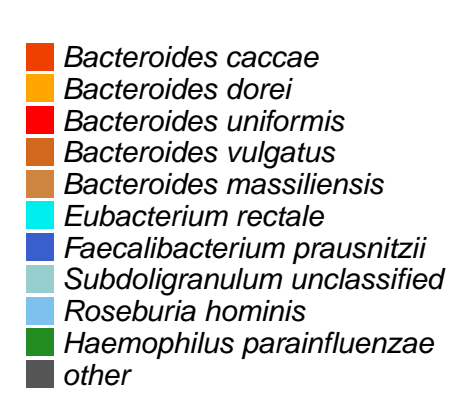
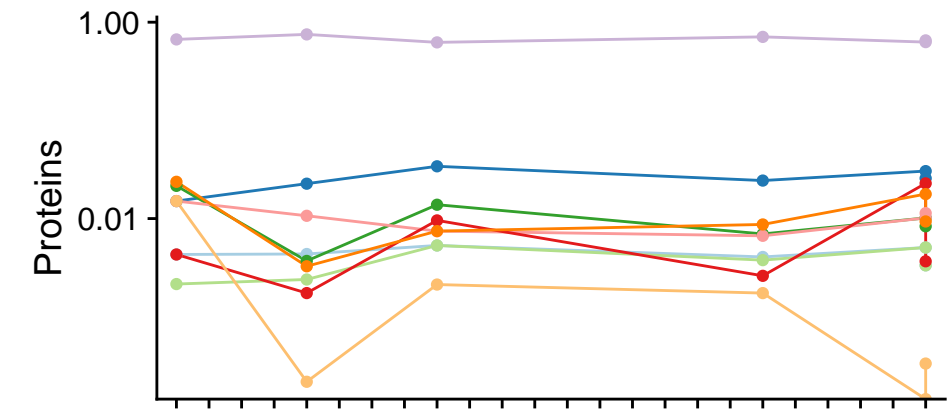
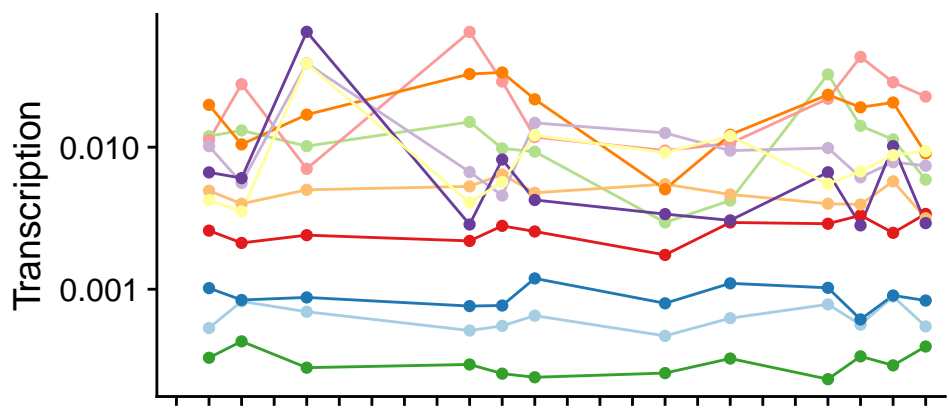
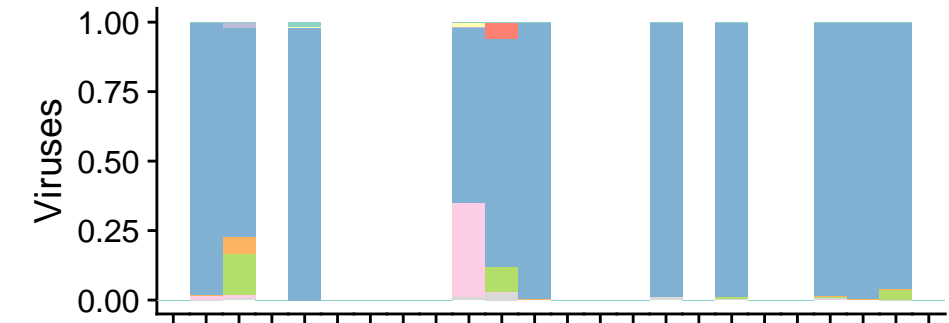
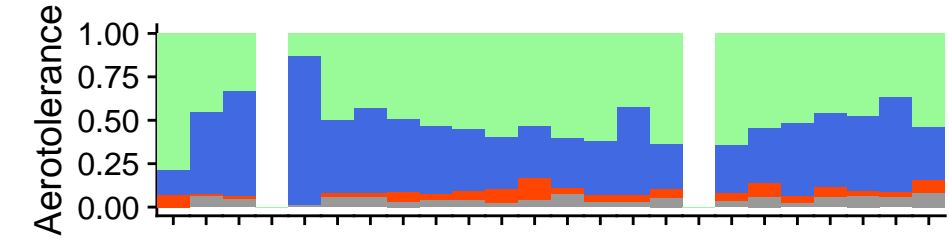
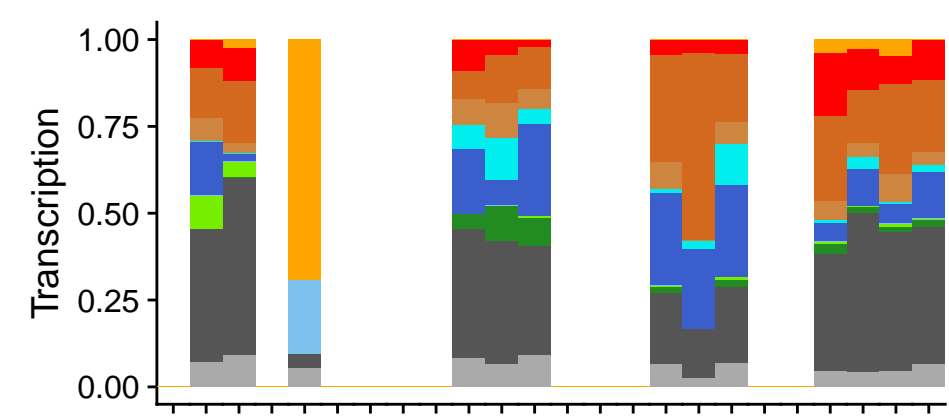
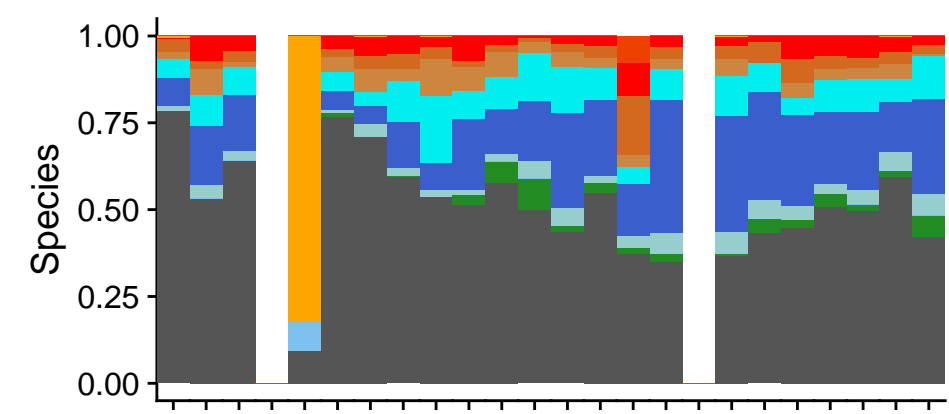
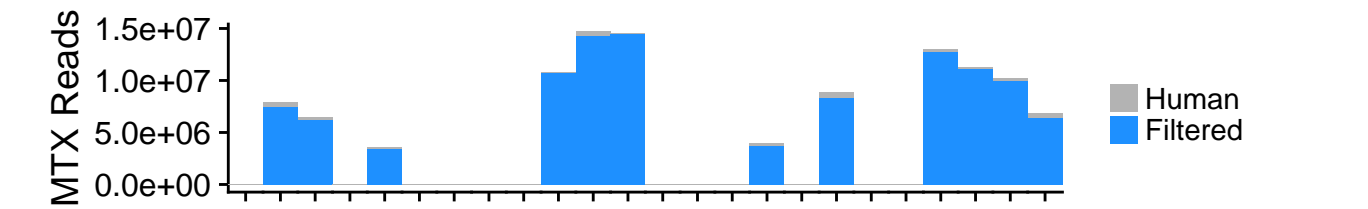
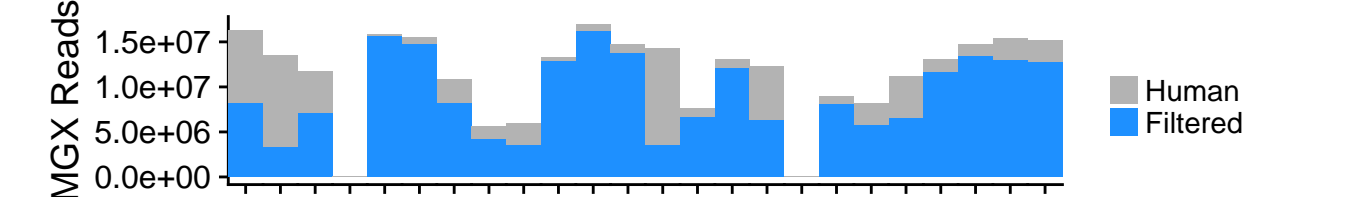
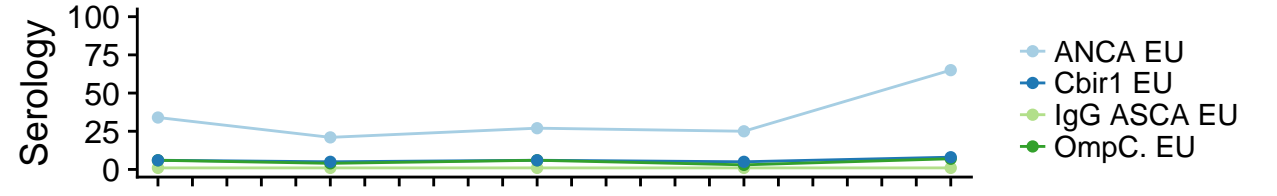
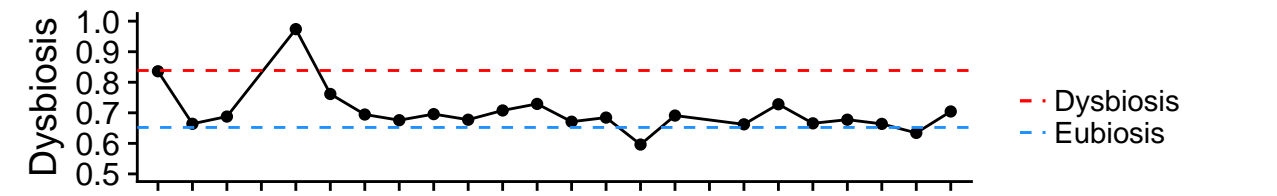
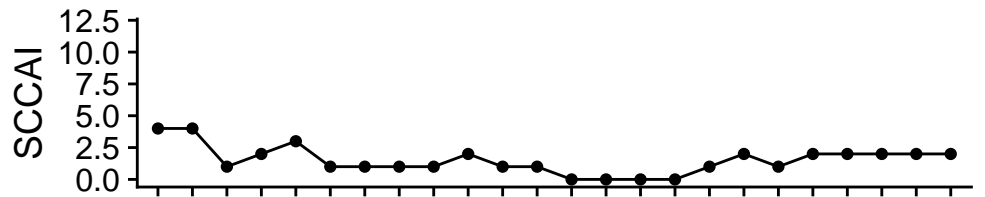
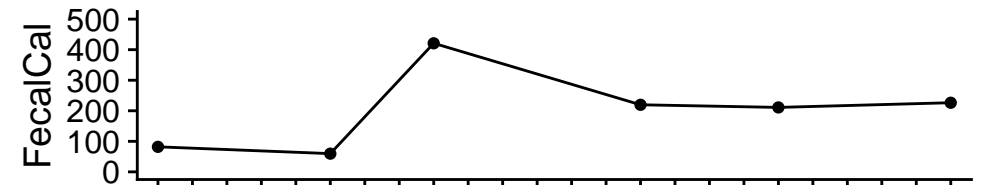
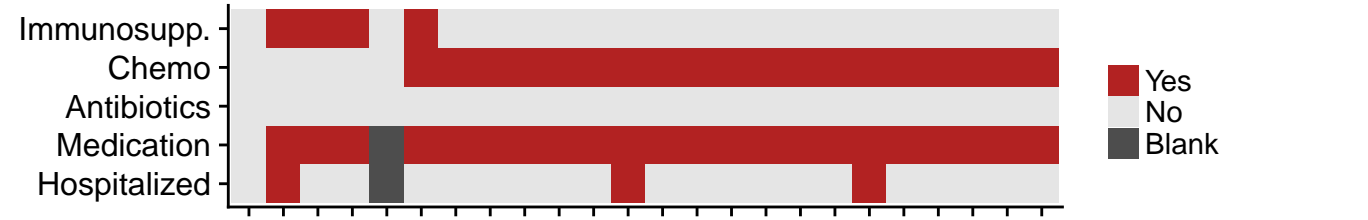
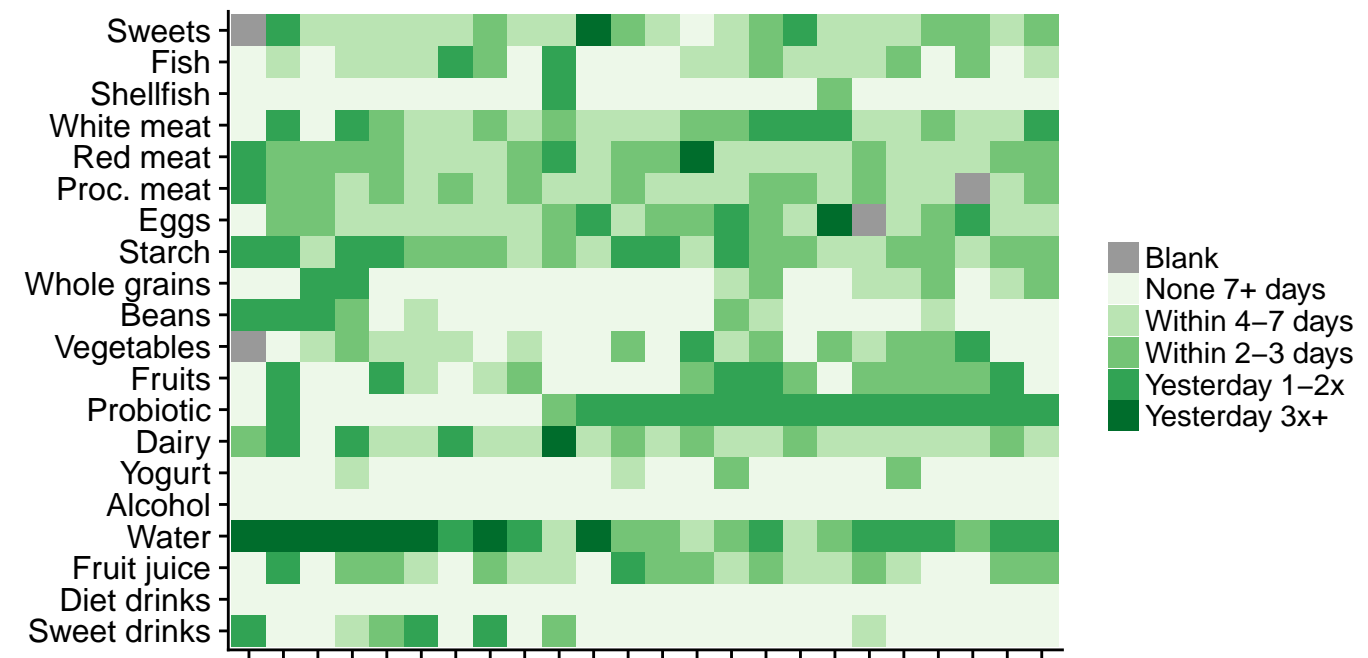
H4017: 16 Female White Cincinnati | CD L3+L4



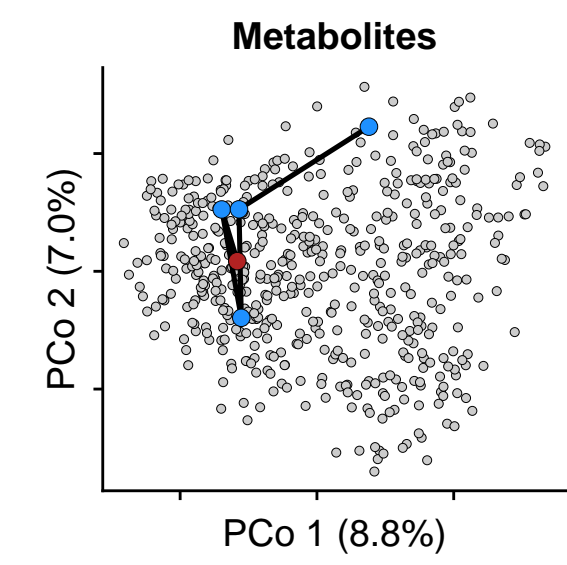
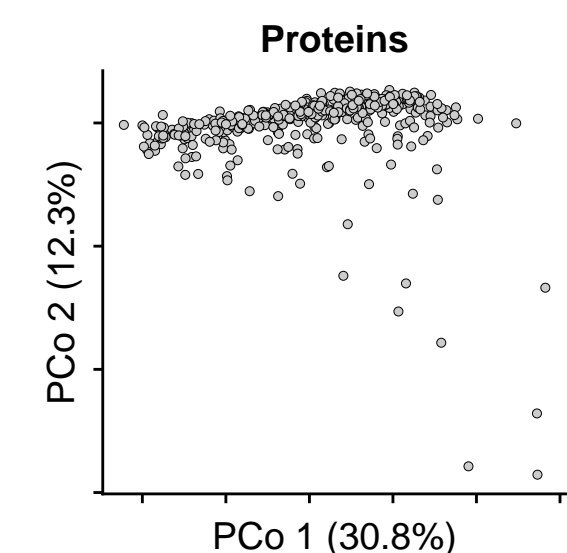
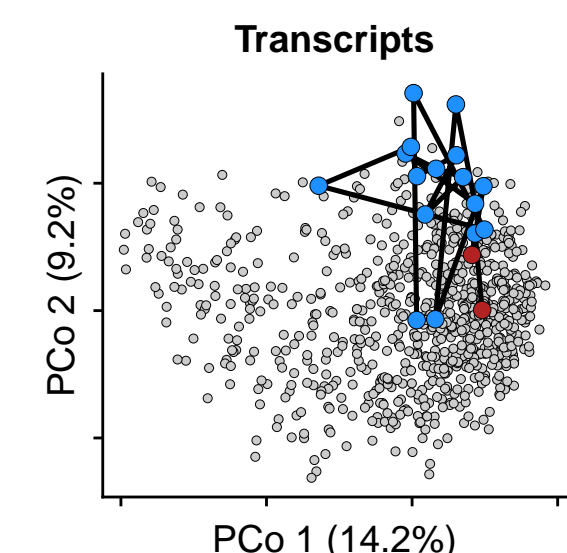
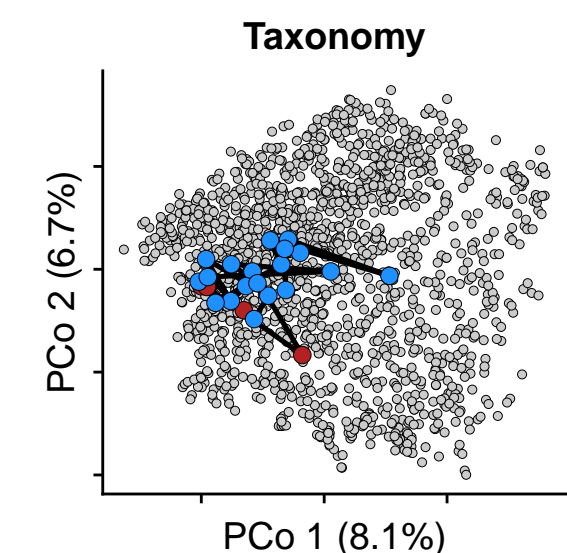
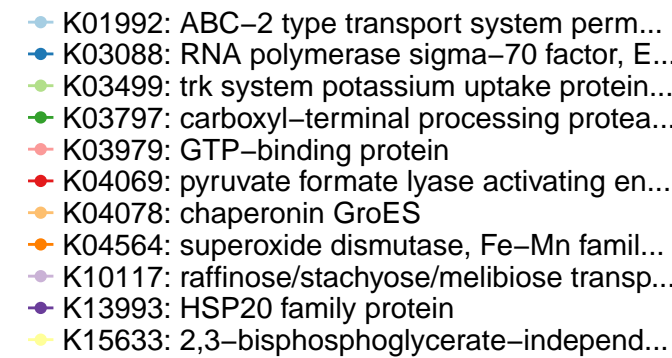
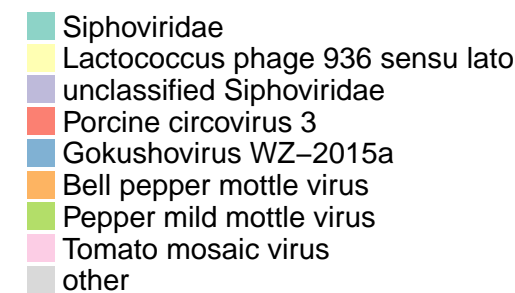
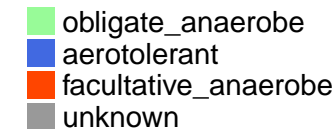
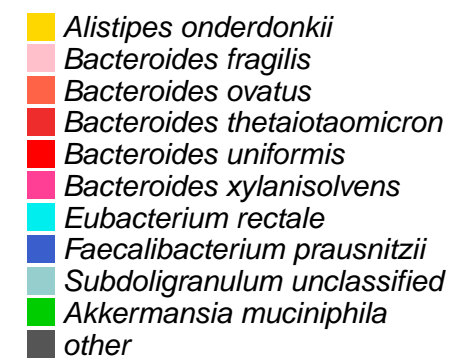
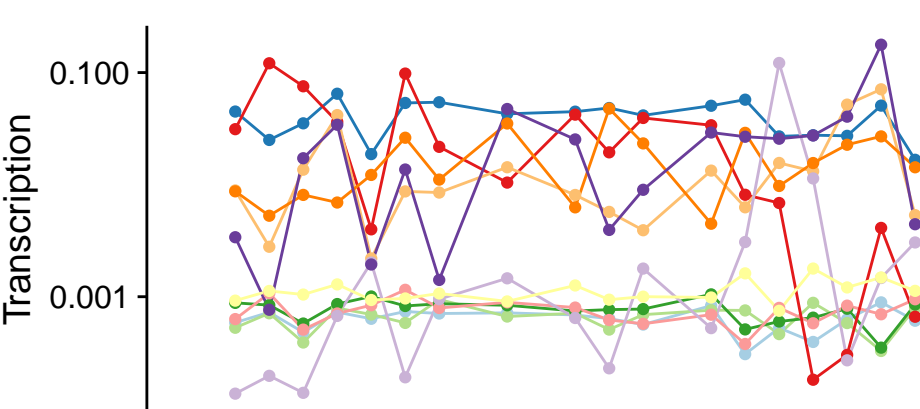
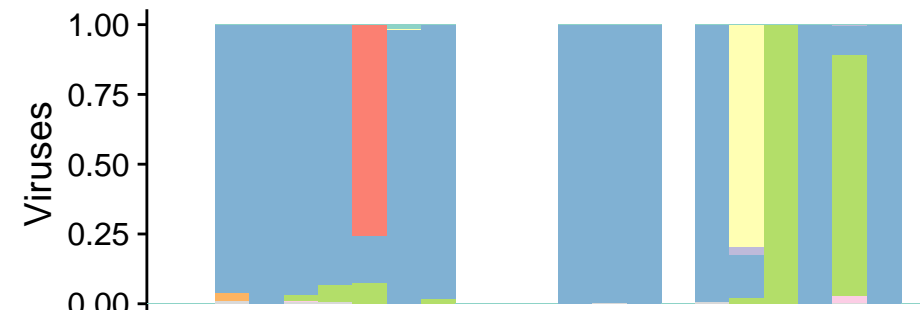
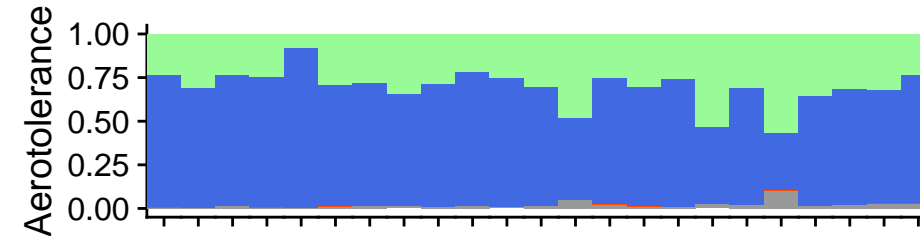
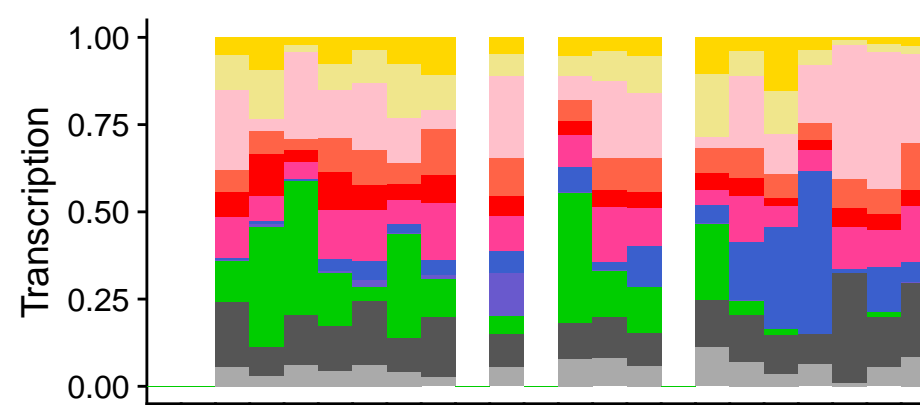
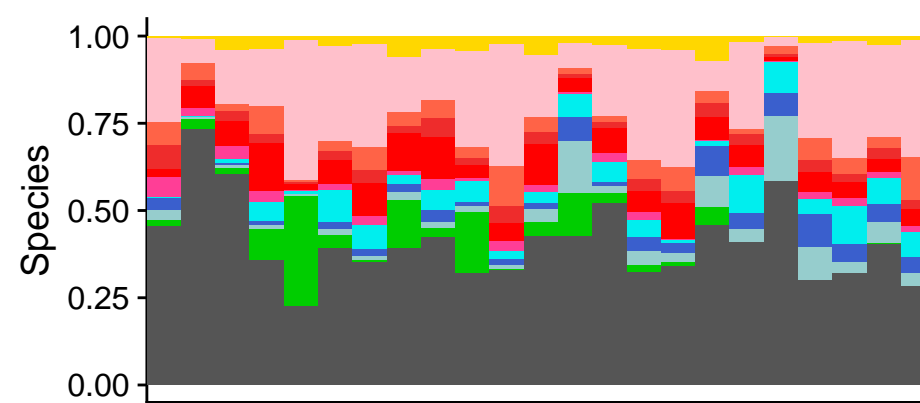
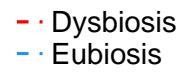
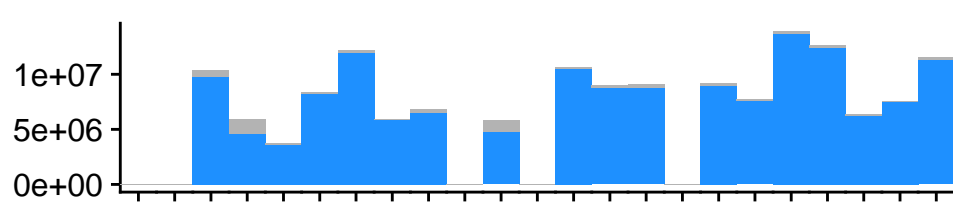
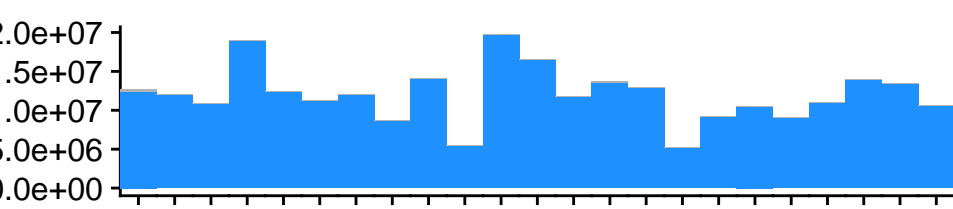
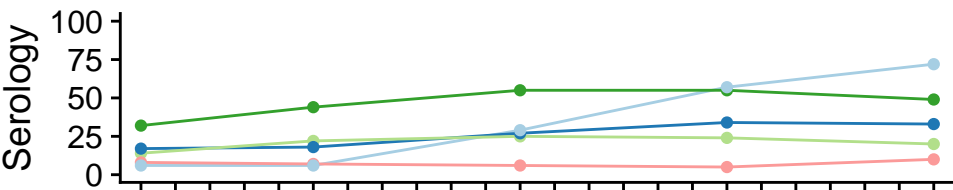
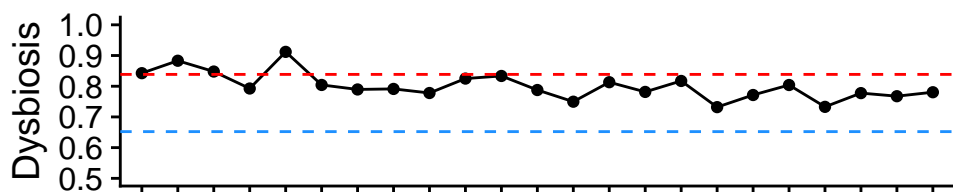
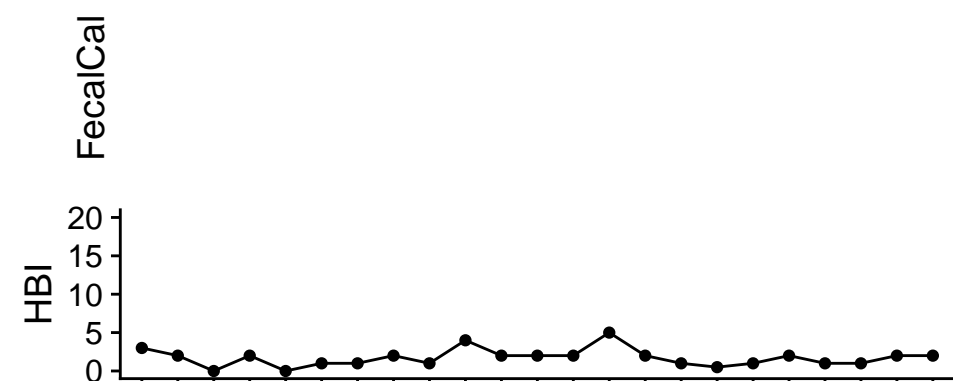
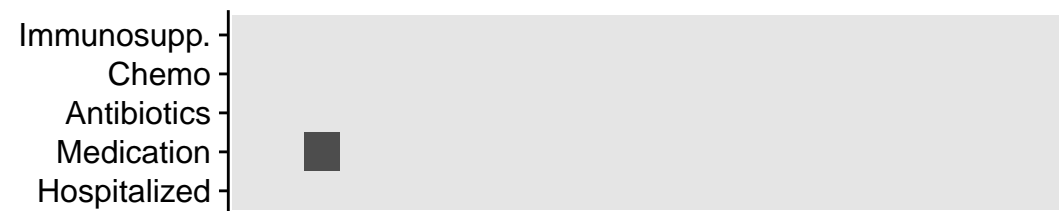
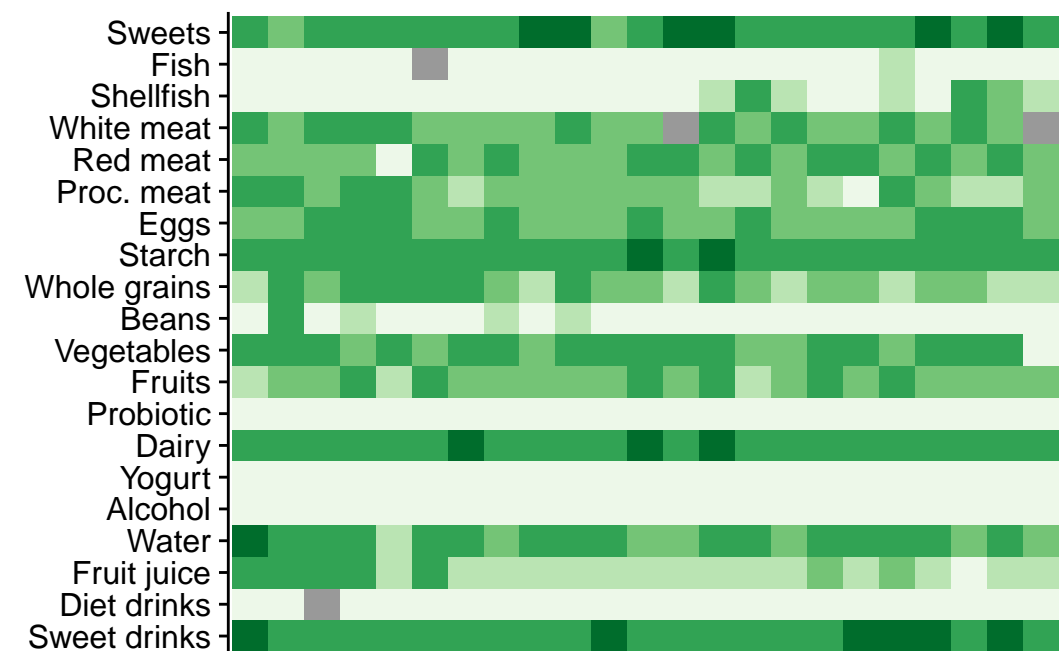
H4018: 13 Female White Cincinnati | nonIBD



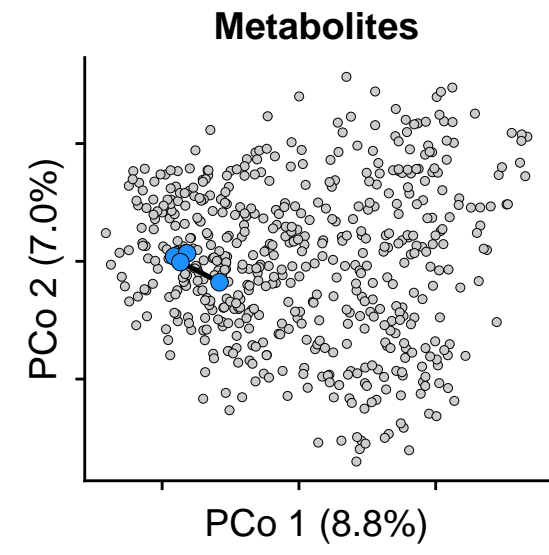
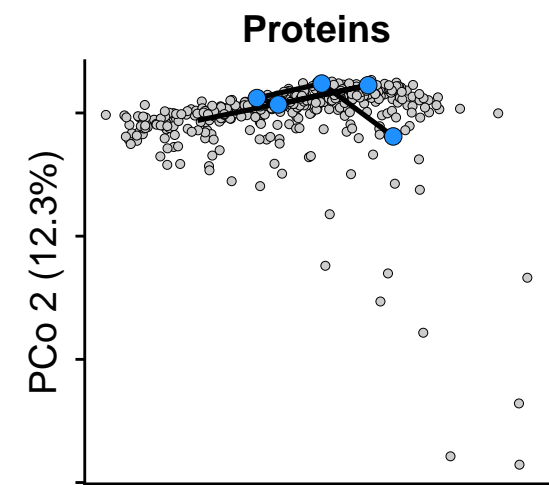
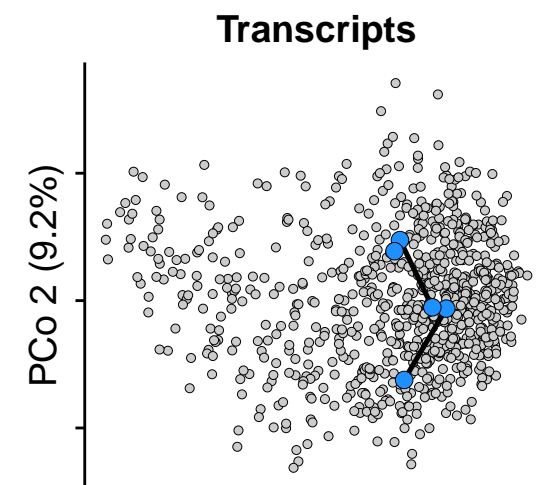
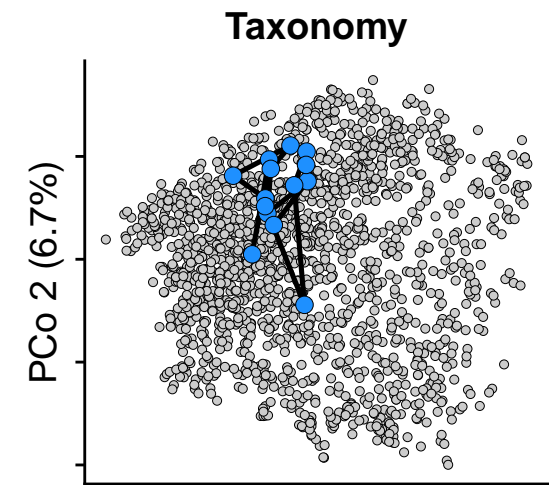
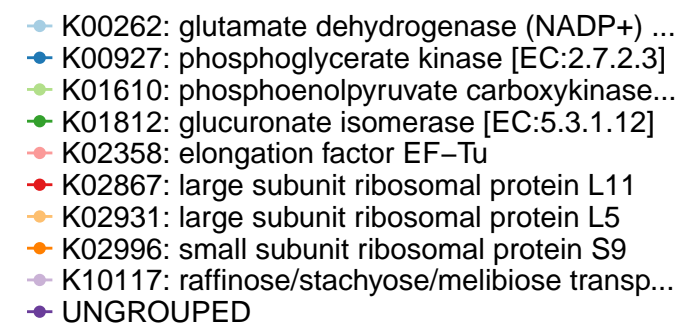
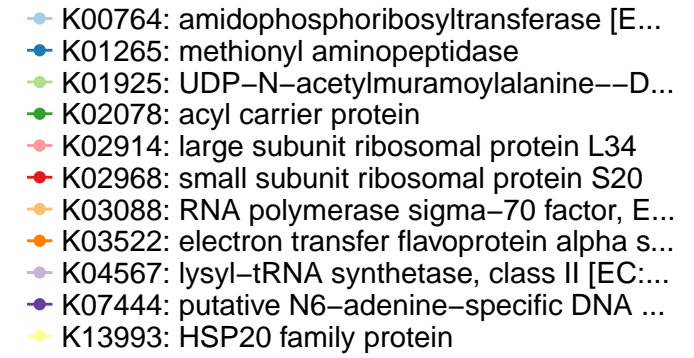
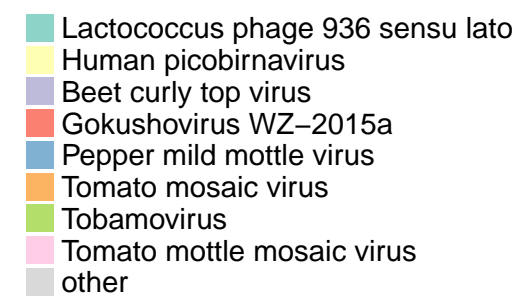
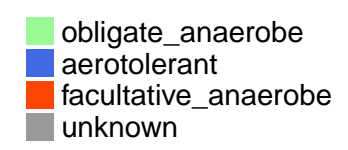
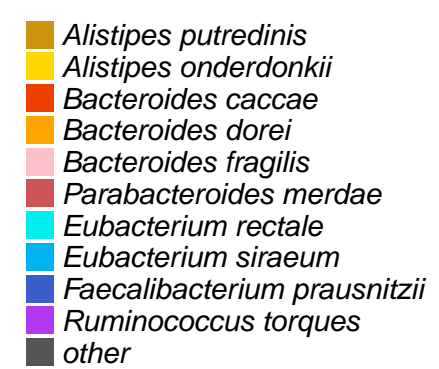
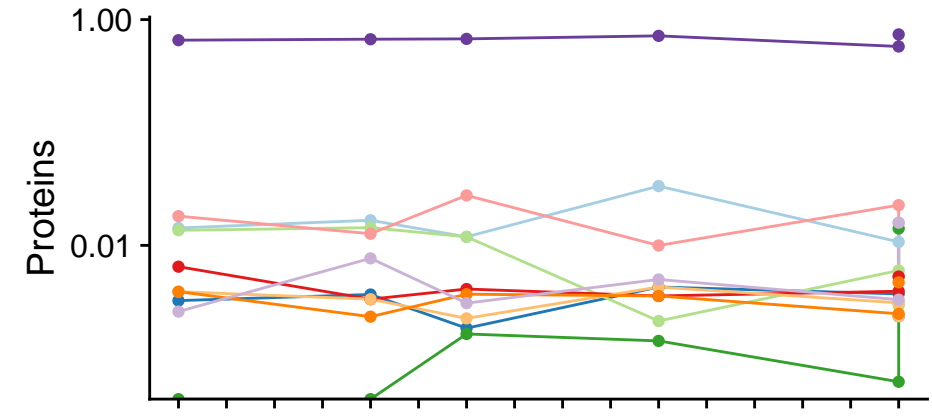
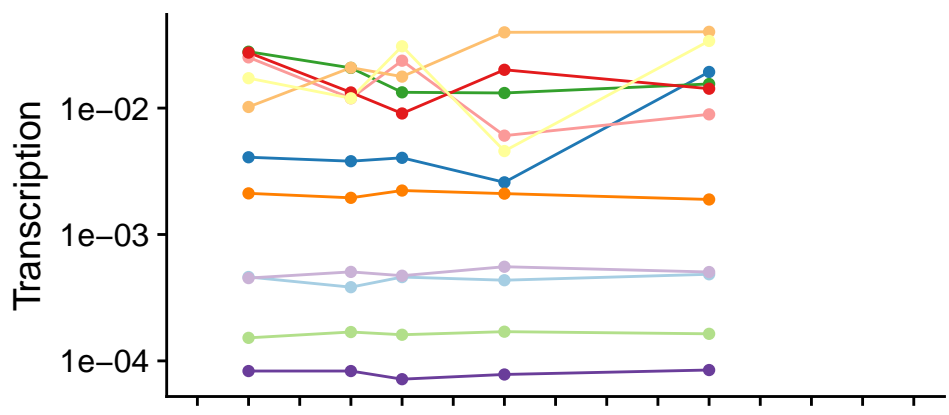
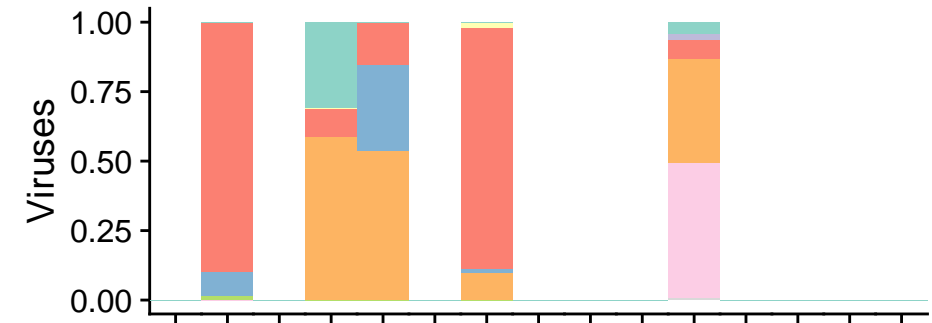
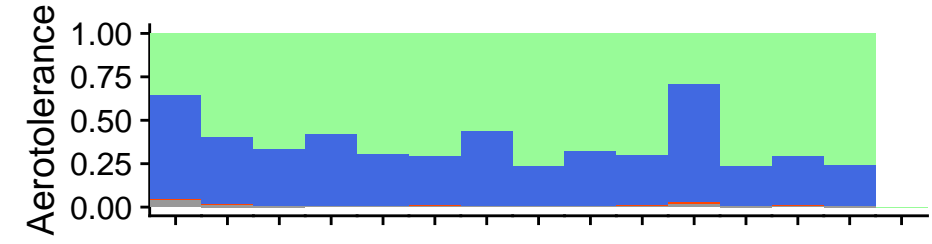
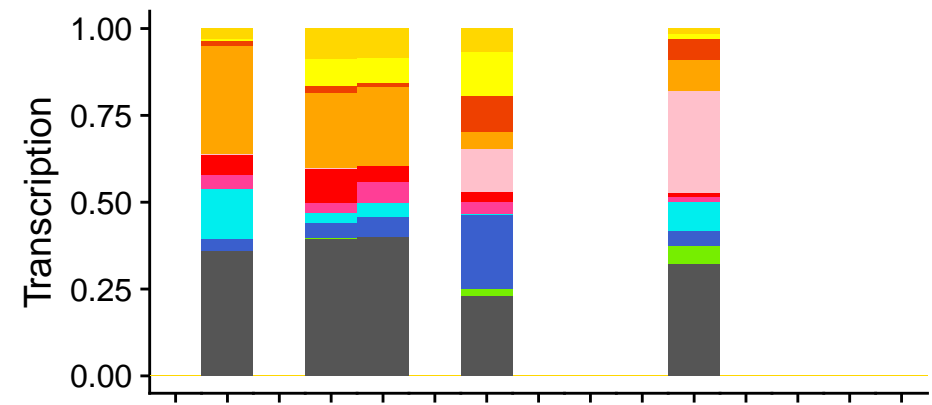
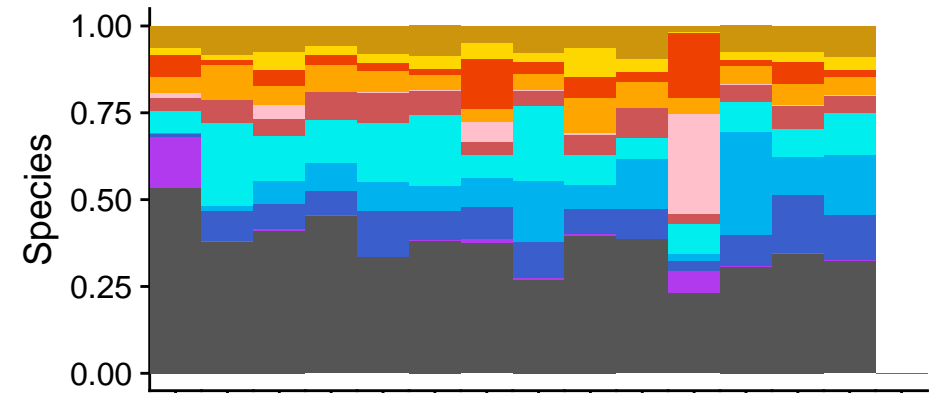
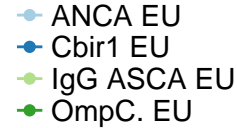
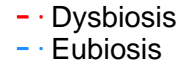
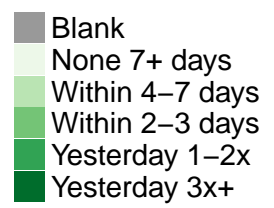
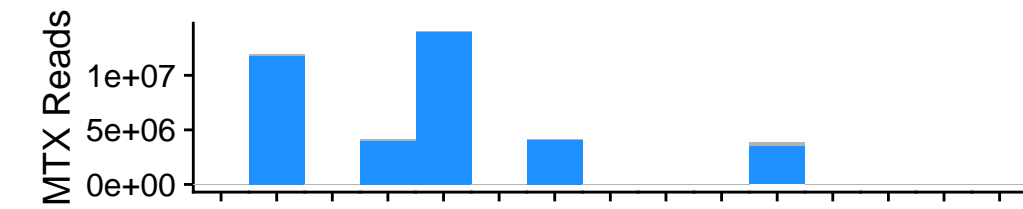
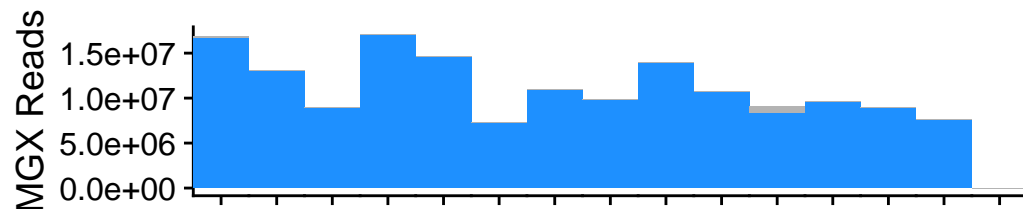
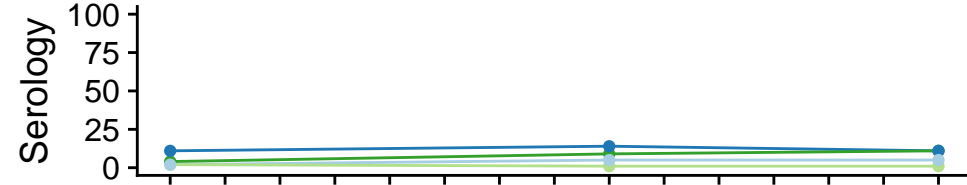
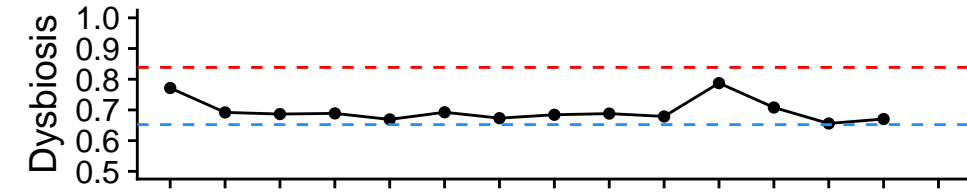
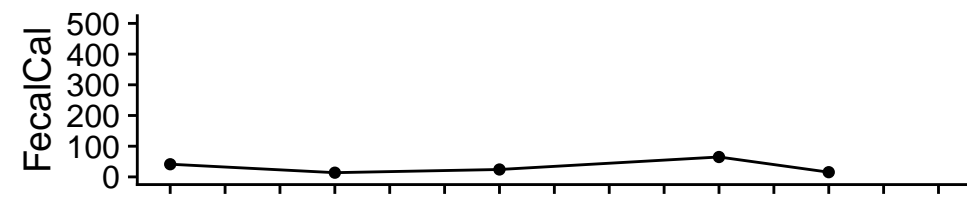
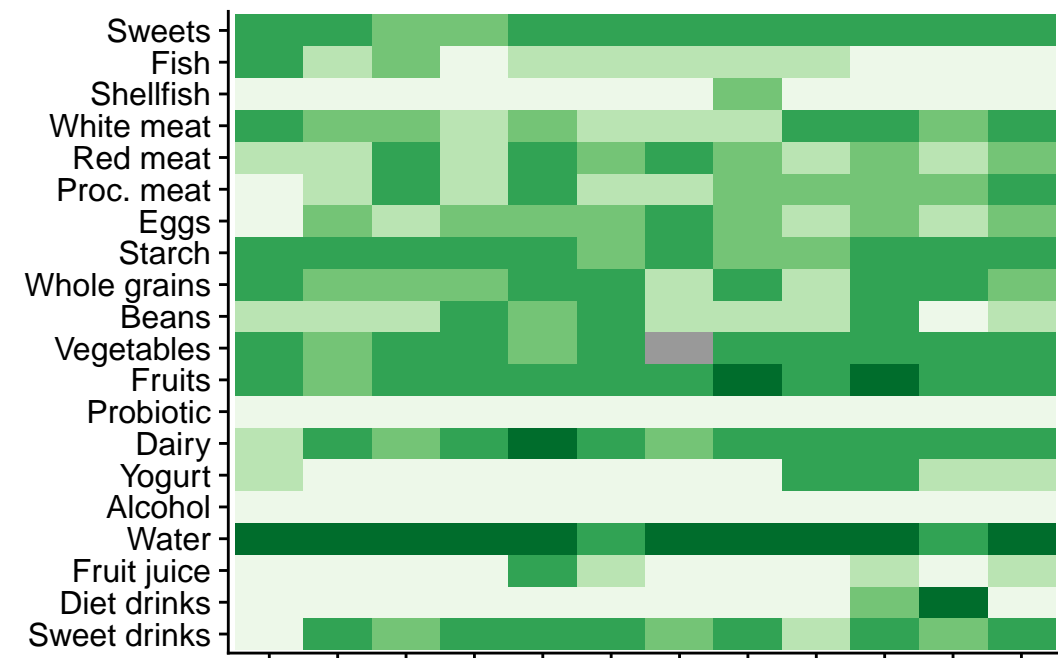
H4019: 11 Female Black or African American Cincinnati | UC



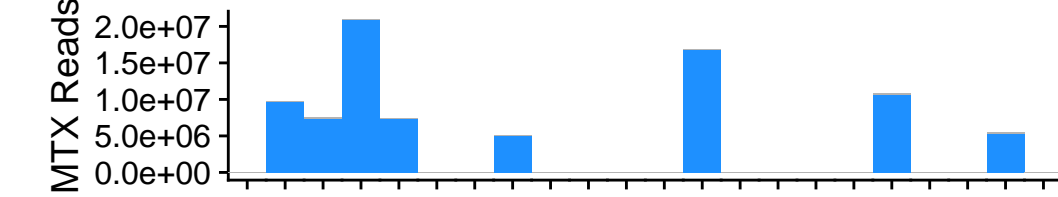
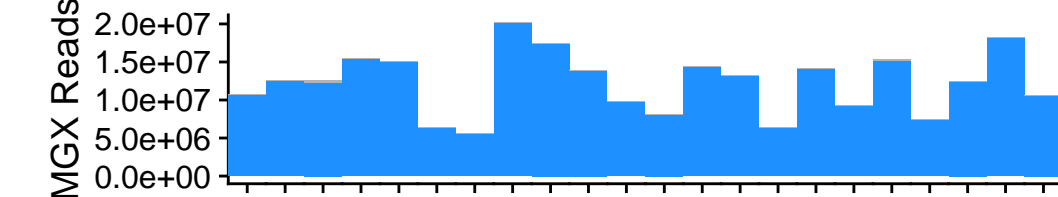
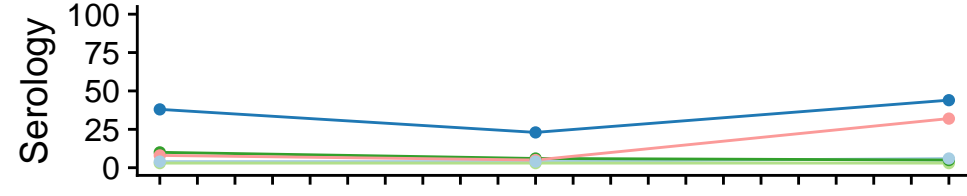
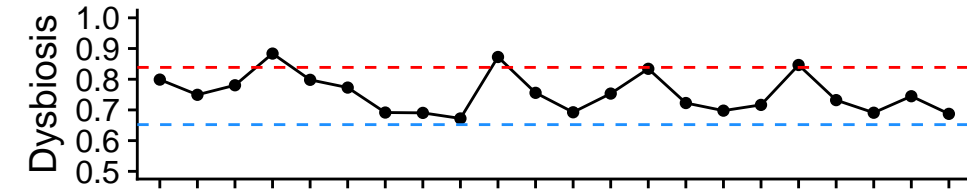
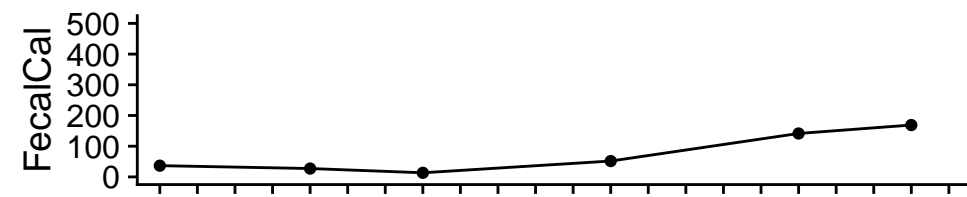
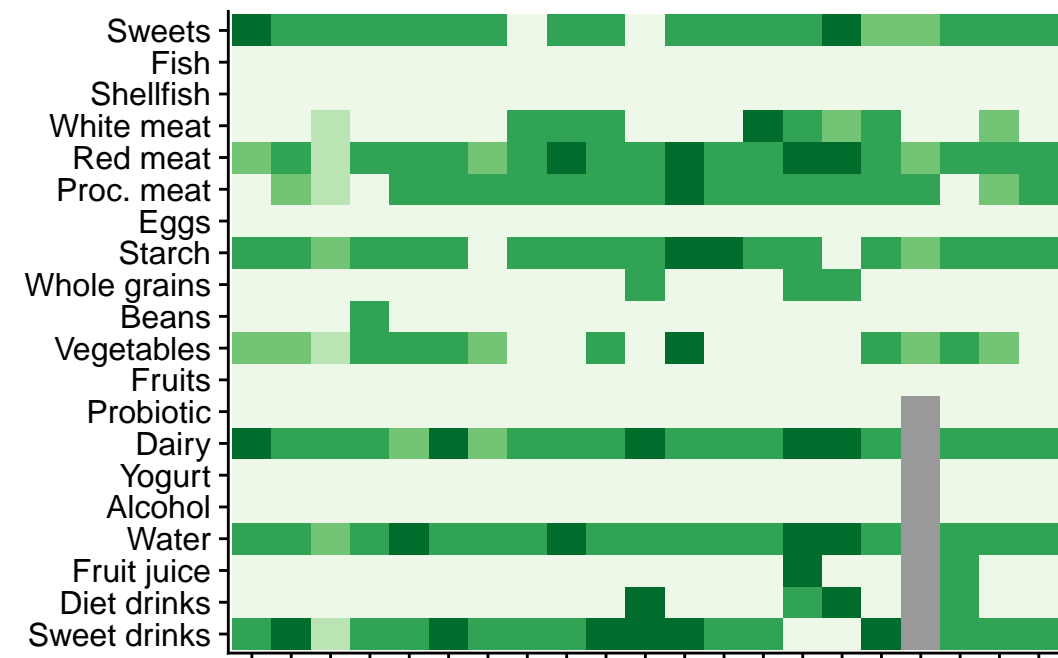
H4020: 13 Male White Cincinnati | CD L1+L4



H4022: 9 Female White Cincinnati | nonIBD



H4023: 16 Male White Cincinnati | nonIBD



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

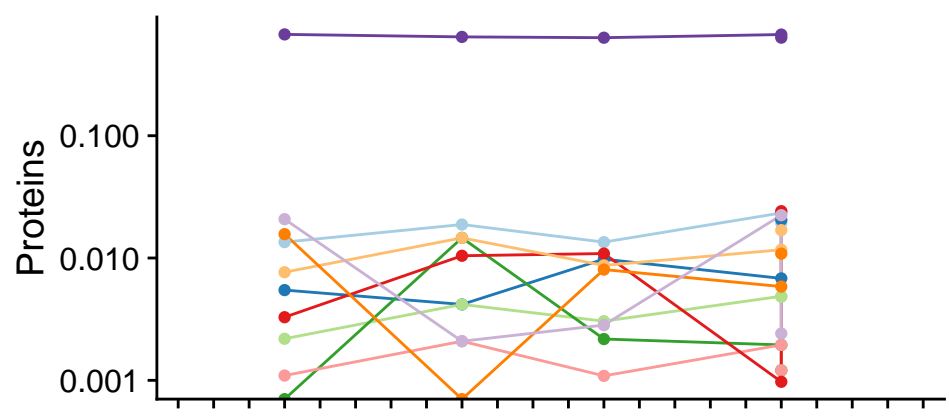
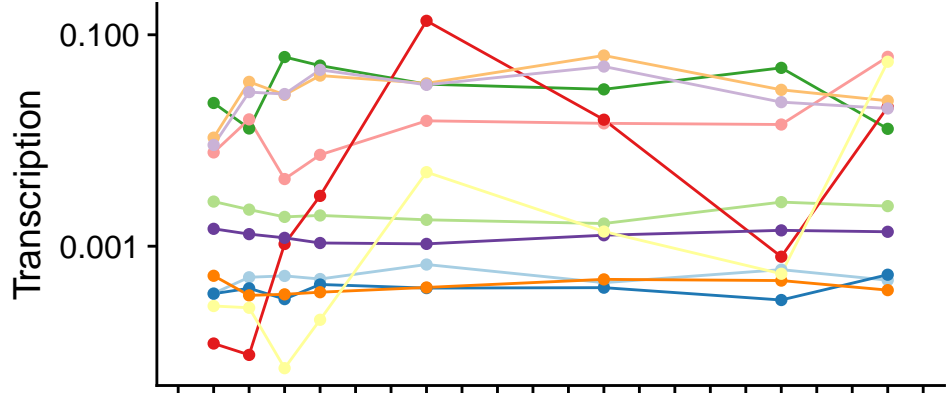
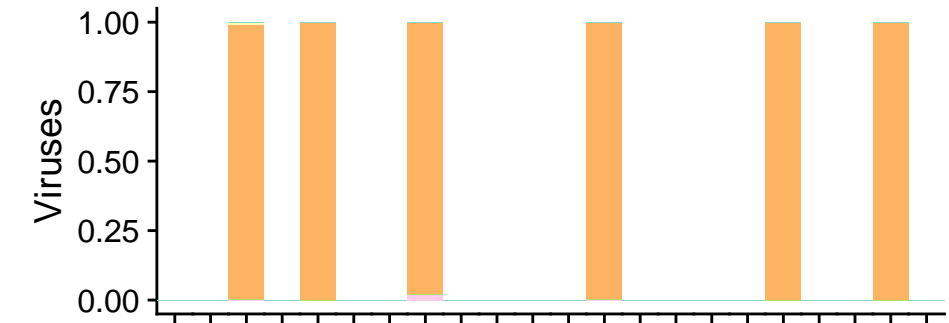
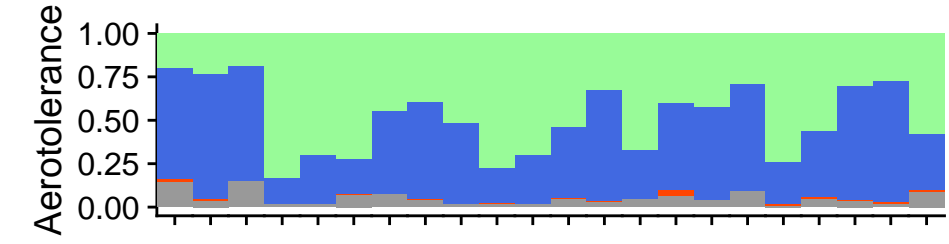
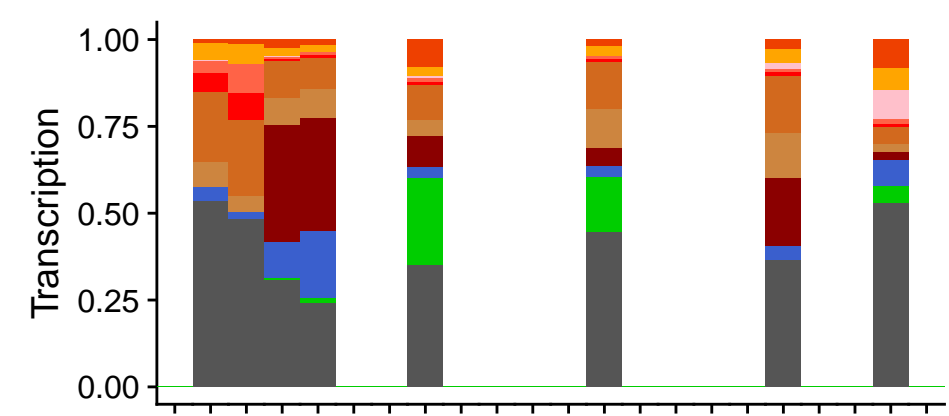
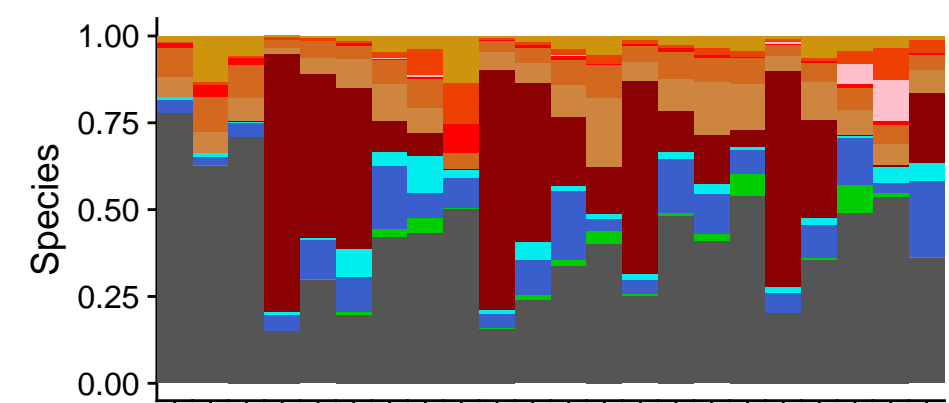
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
Akkermansia muciniphila
other

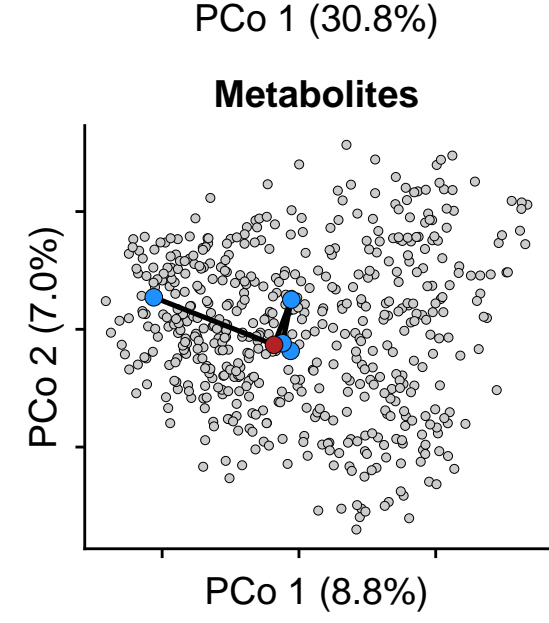
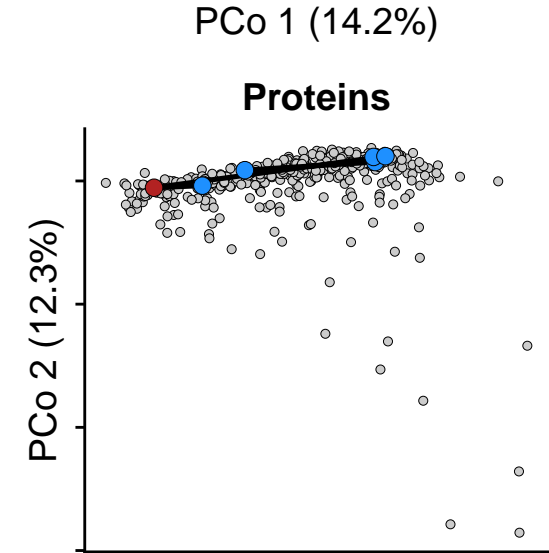
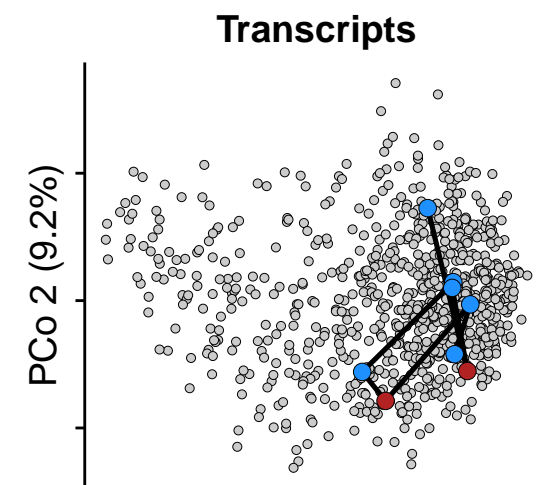
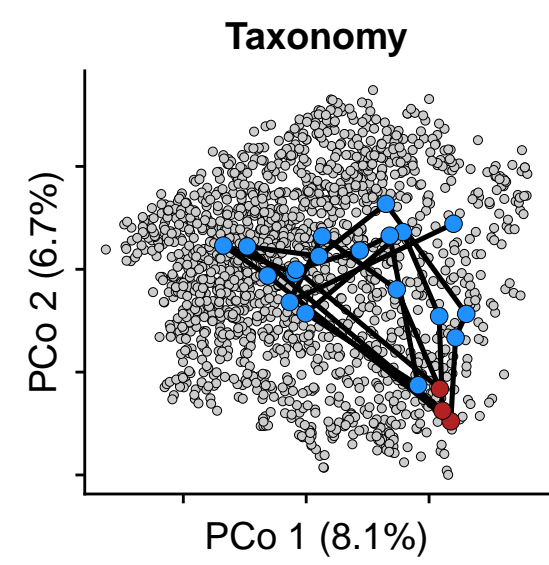
Bacteroides caccae
Bacteroides dorei
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Faecalibacterium prausnitzii
Akkermansia muciniphila
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

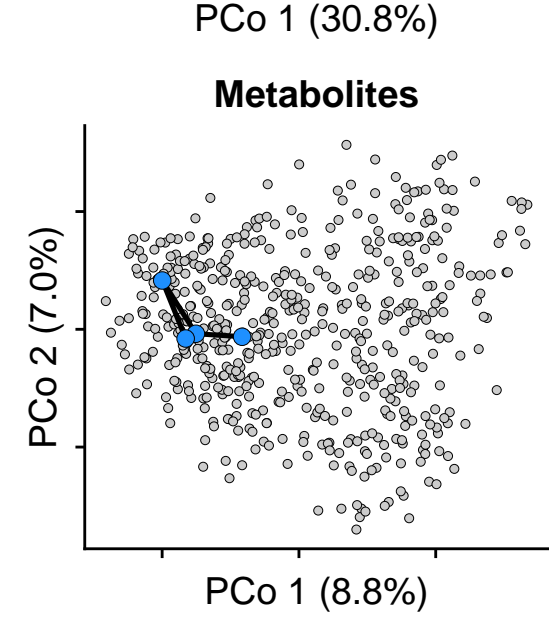
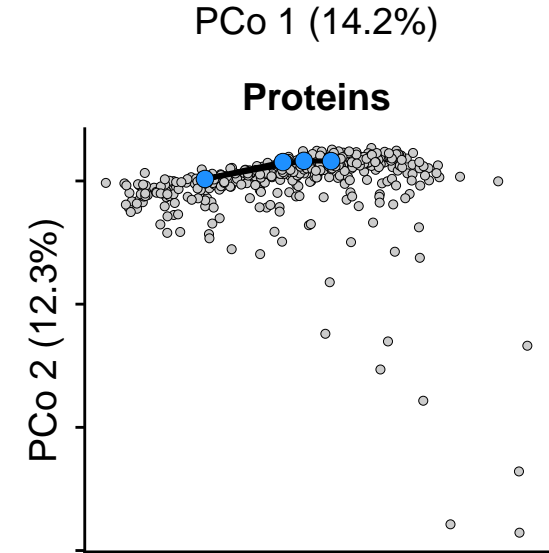
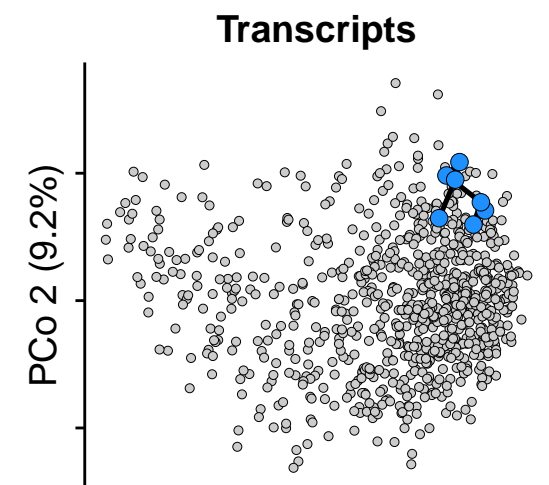
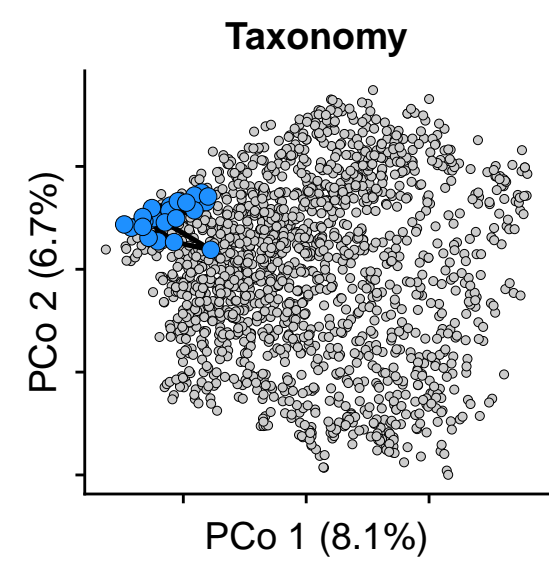
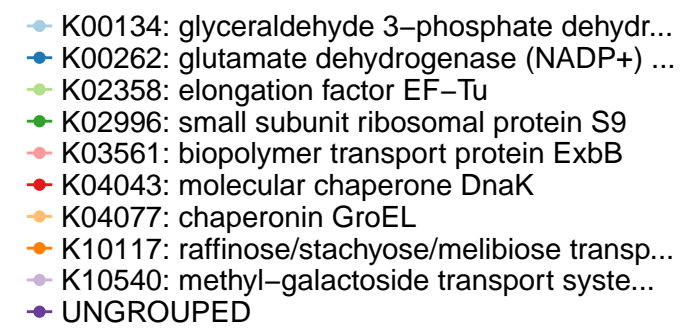
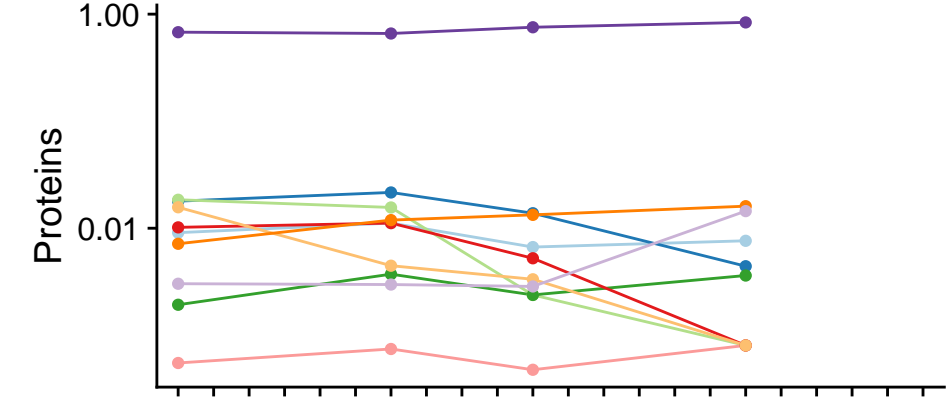
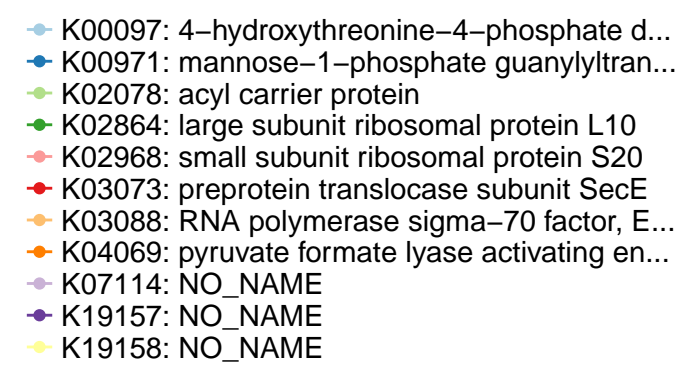
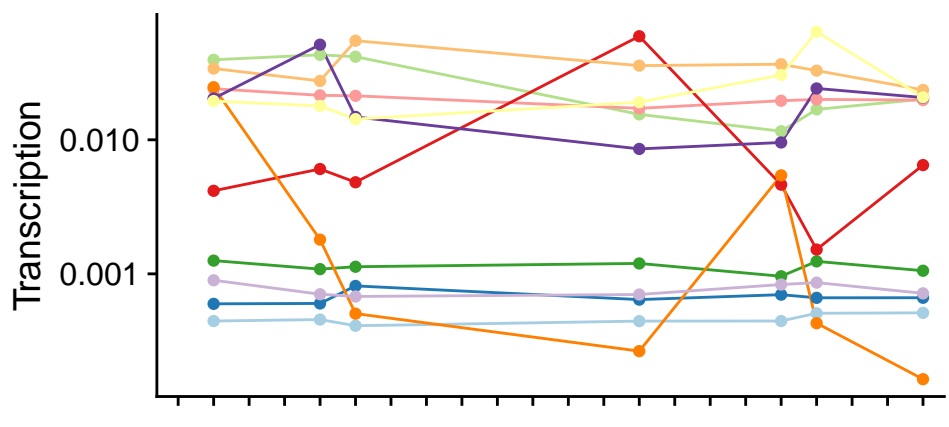
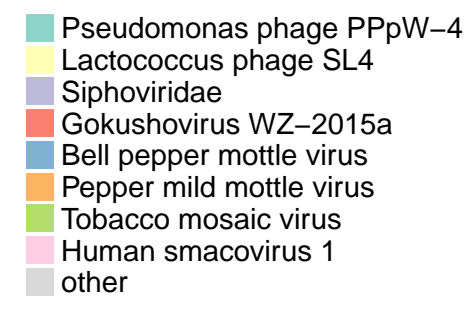
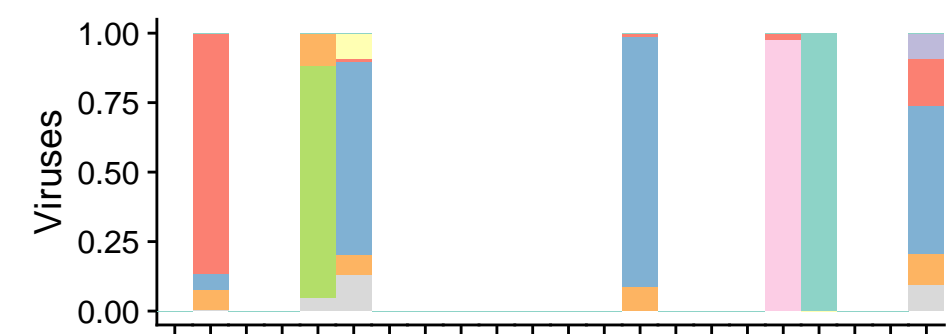
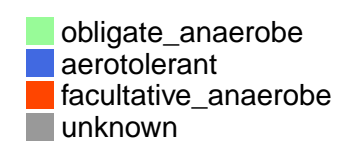
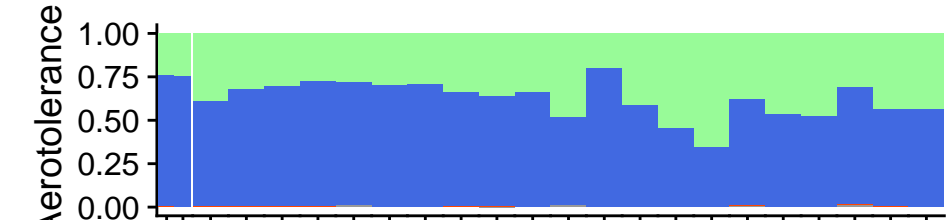
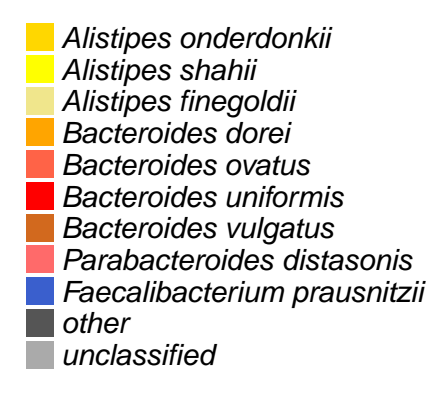
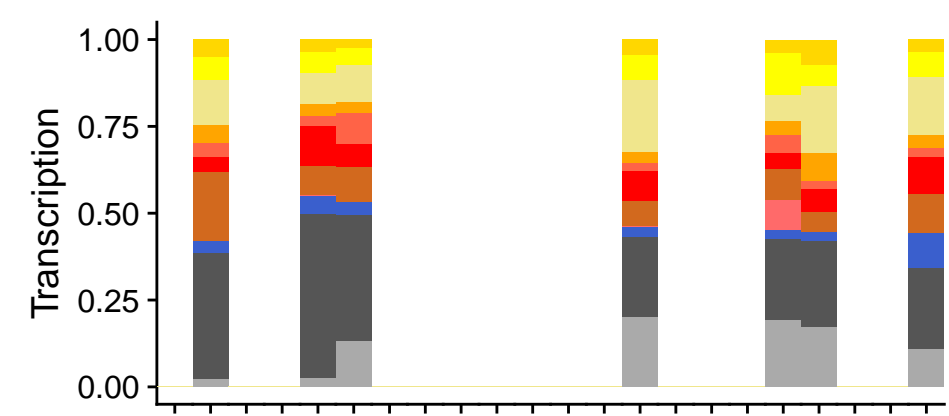
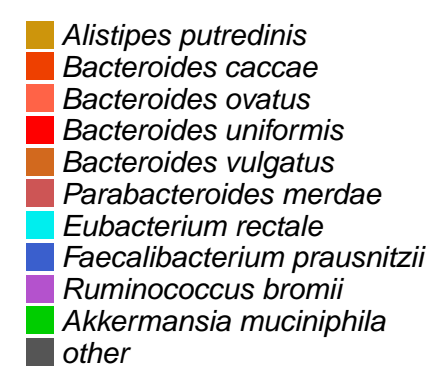
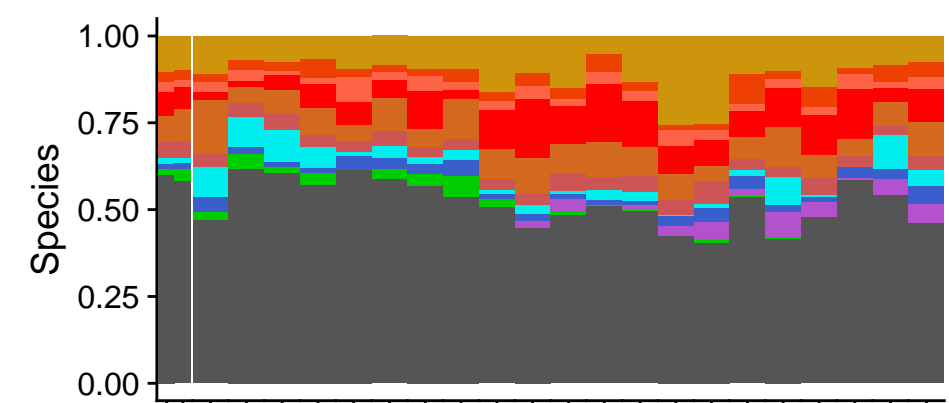
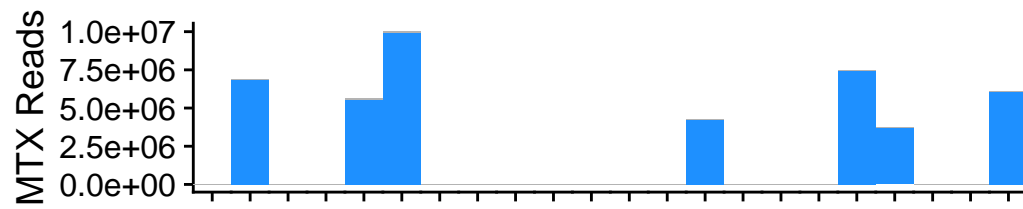
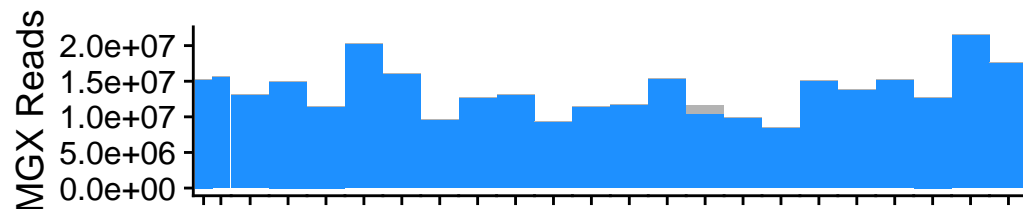
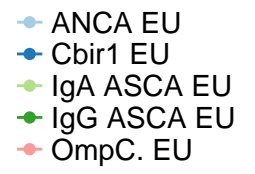
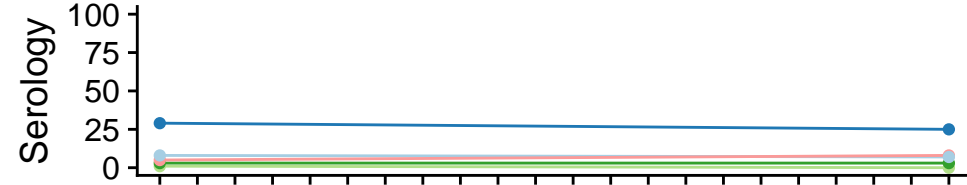
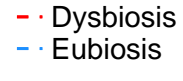
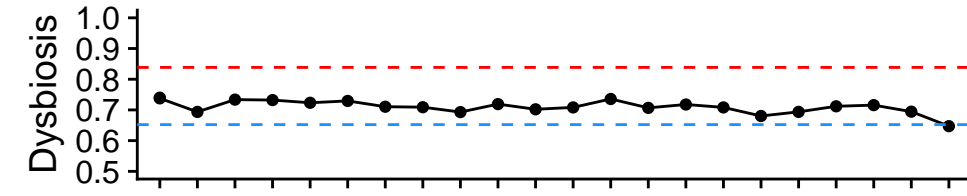
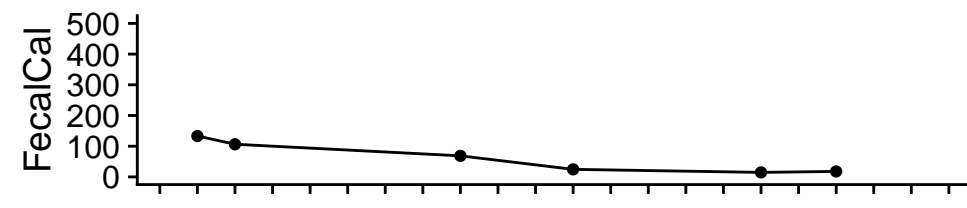
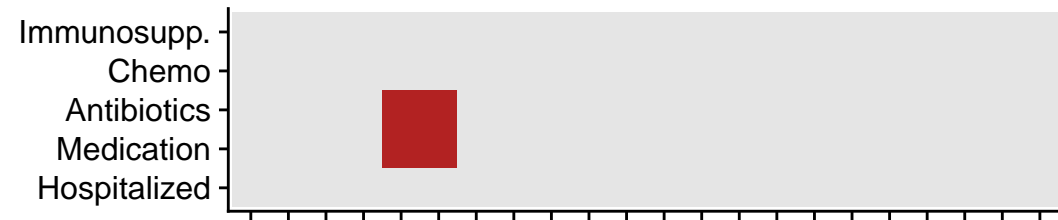
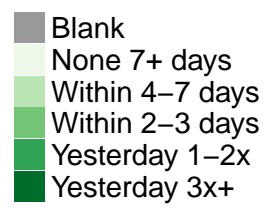
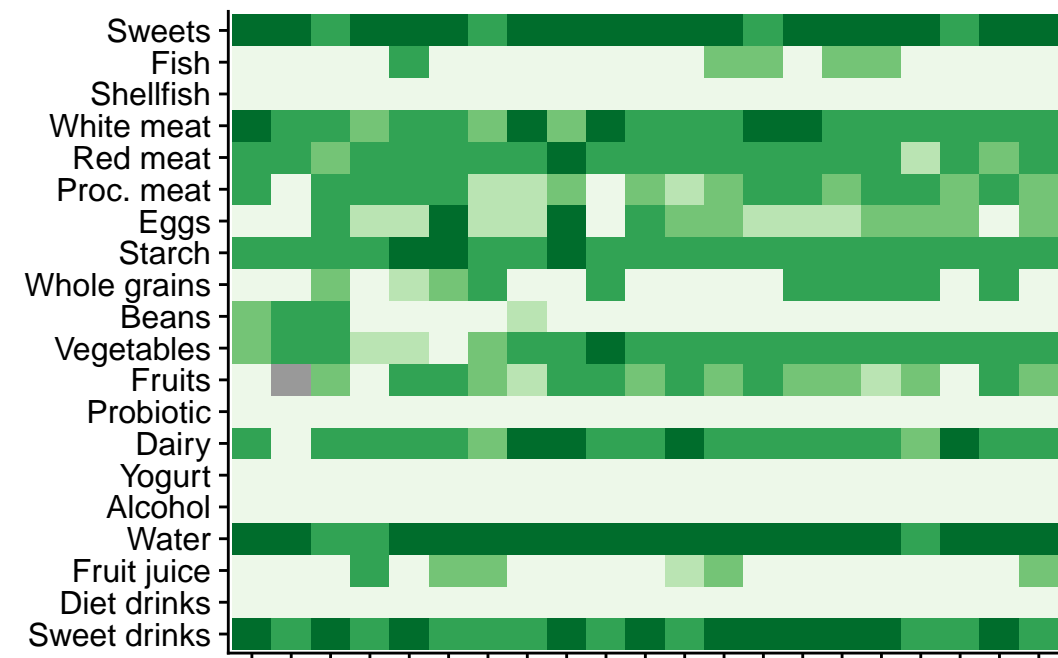
T7virus
Podoviridae
Pseudomonas phage PPpW-4
unclassified Siphoviridae
Chicken anemia virus
Gokushovirus WZ-2015a
Parabacteroides phage YZ-2015b
Pepper mild mottle virus

K01579: aspartate 1-decarboxylase [EC:4.1....
K01875: seryl-tRNA synthetase [EC:6.1.1.11]
K02356: elongation factor EF-P
K02914: large subunit ribosomal protein L34
K03088: RNA polymerase sigma-70 factor, E...
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K06187: recombination protein RecR
K13993: HSP20 family protein
K15633: 2,3-bisphosphoglycerate-independ...
K19158: NO_NAME

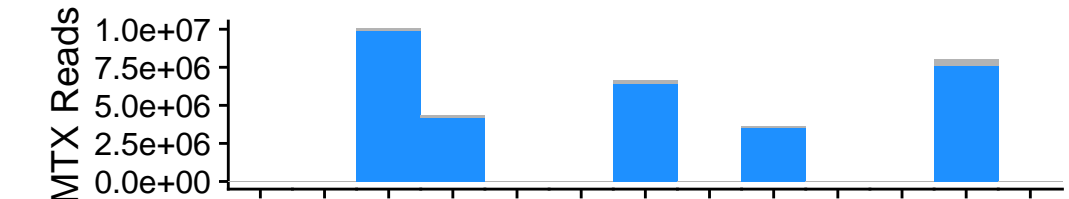
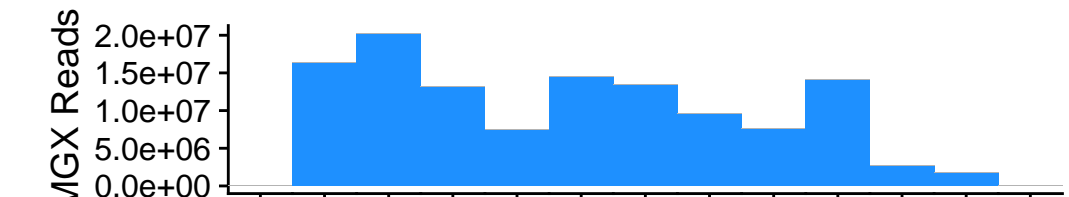
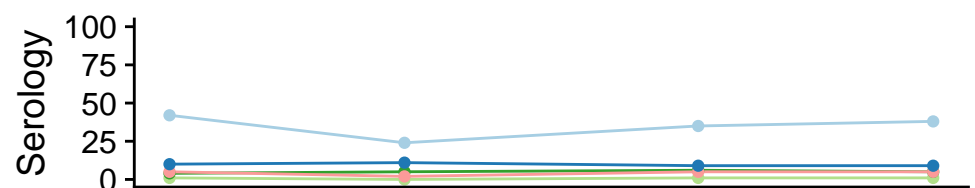
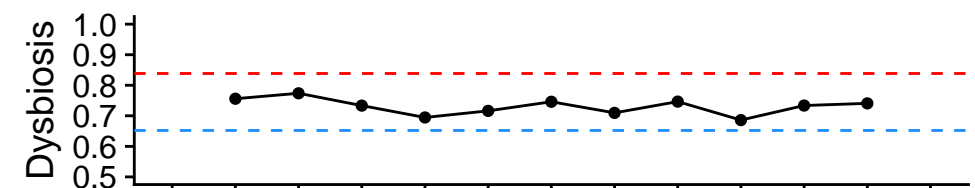
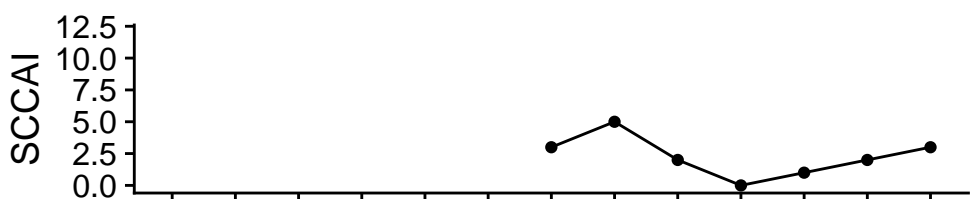
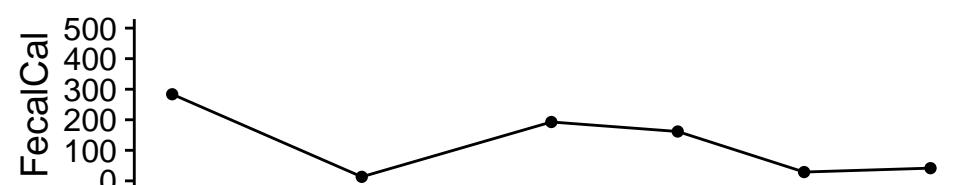
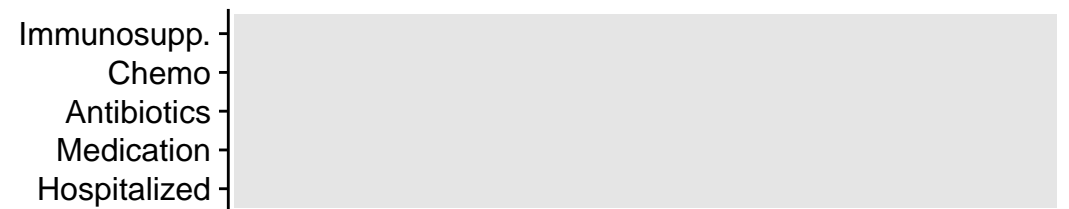
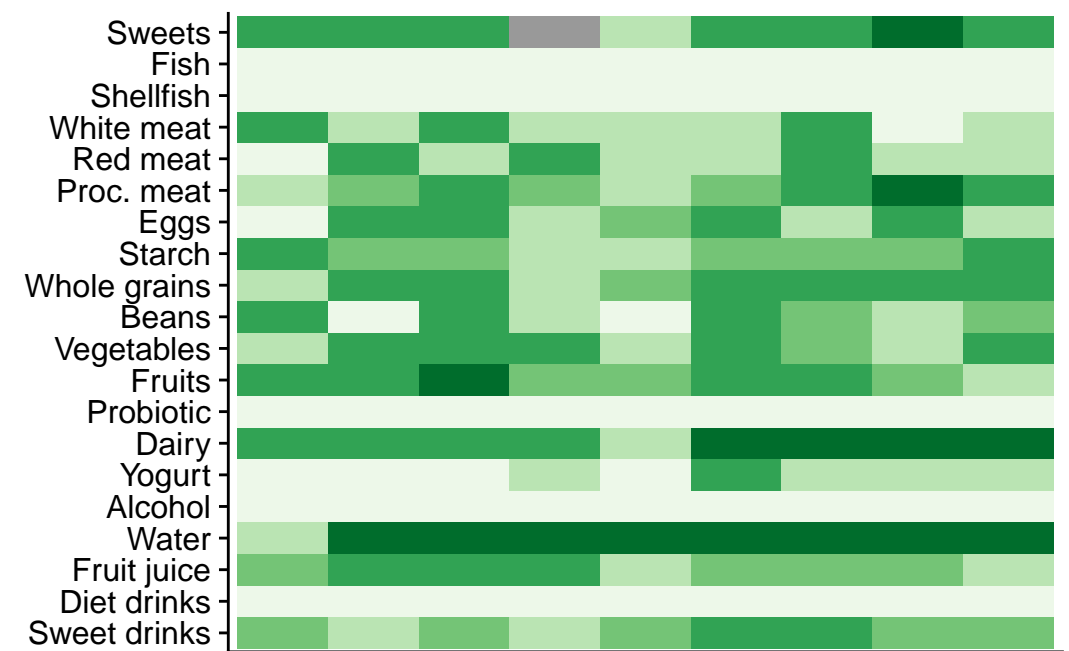
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K02357: elongation factor EF-Ts
K02879: large subunit ribosomal protein L17
K02982: small subunit ribosomal protein S3
K03737: pyruvate-ferredoxin/flavodoxin oxido...
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
UNGROUPED



H4024: 11 Male White Cincinnati | nonIBD



H4027: 15 Male White Cincinnati | UC L2+L4



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

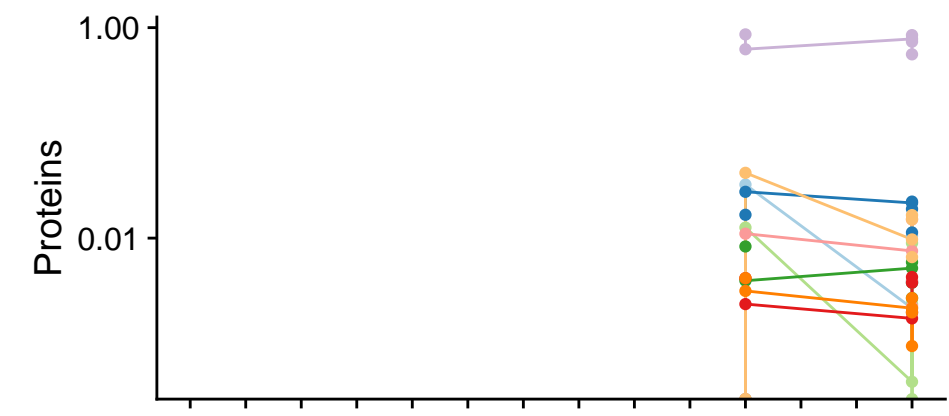
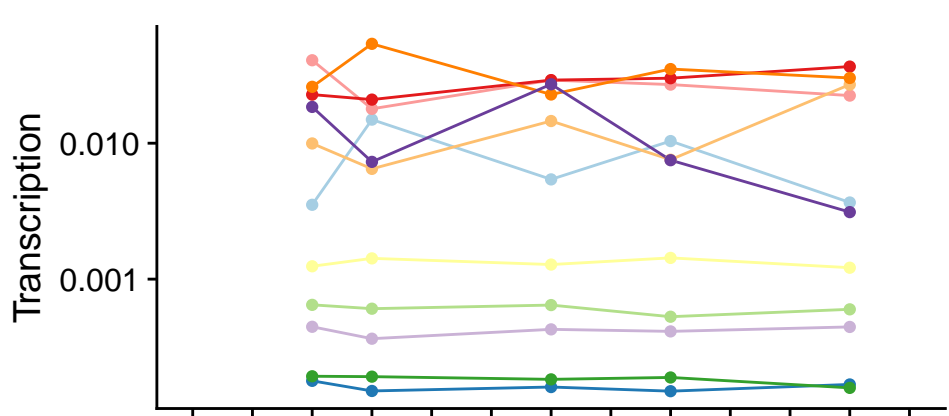
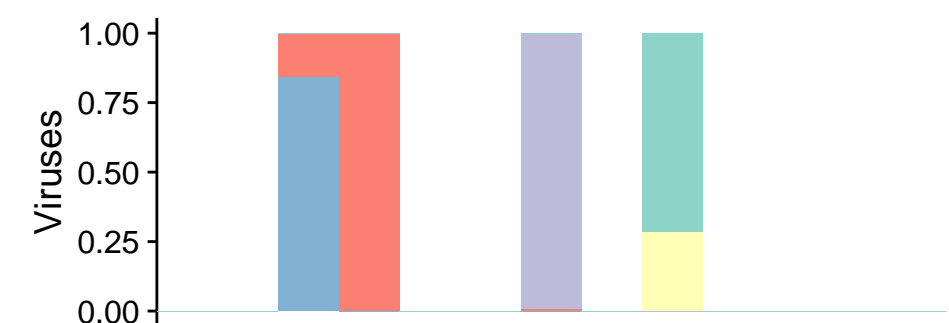
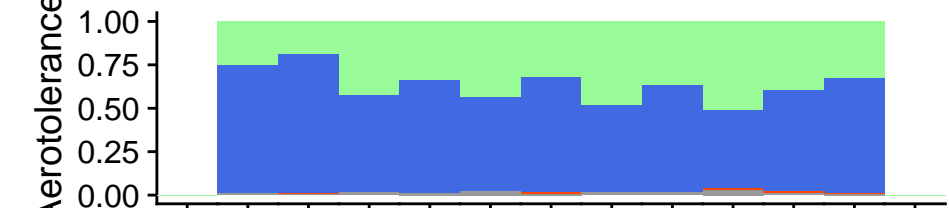
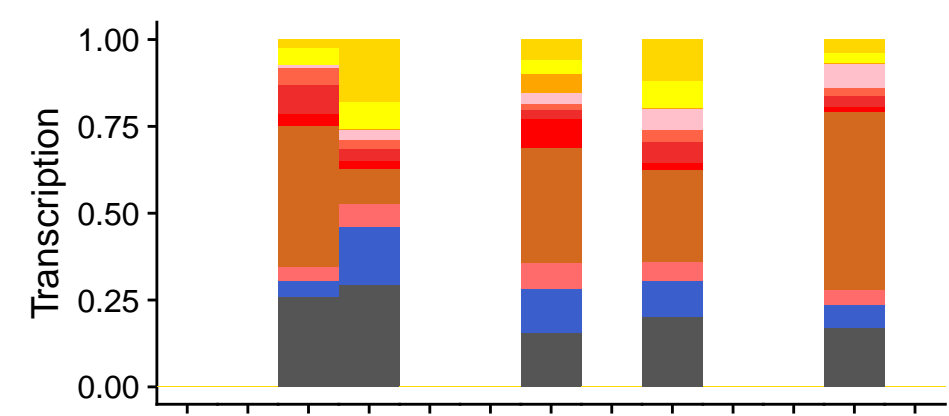
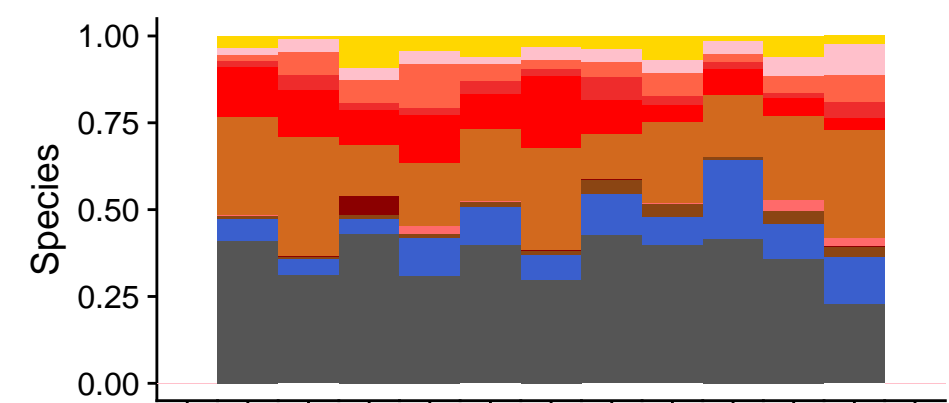
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes onderdonkii
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Prevotella copri
Odoribacter splanchnicus
Faecalibacterium prausnitzii
other

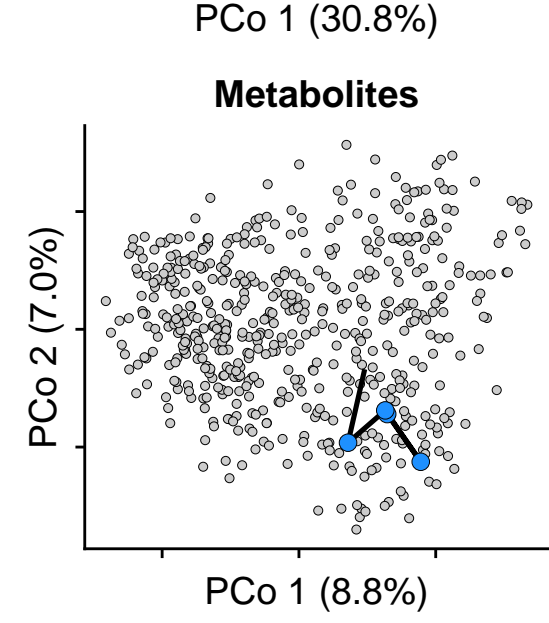
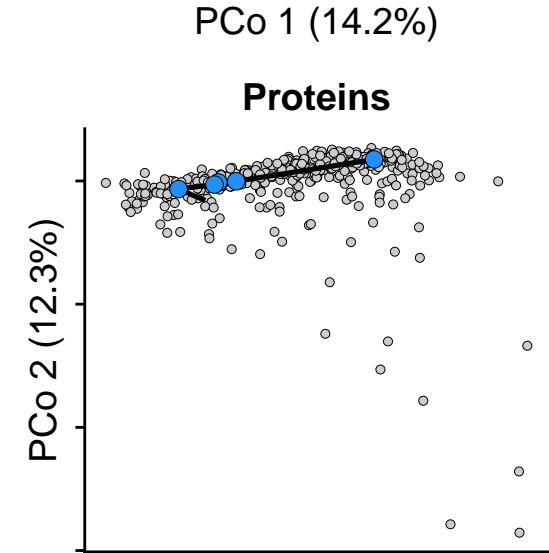
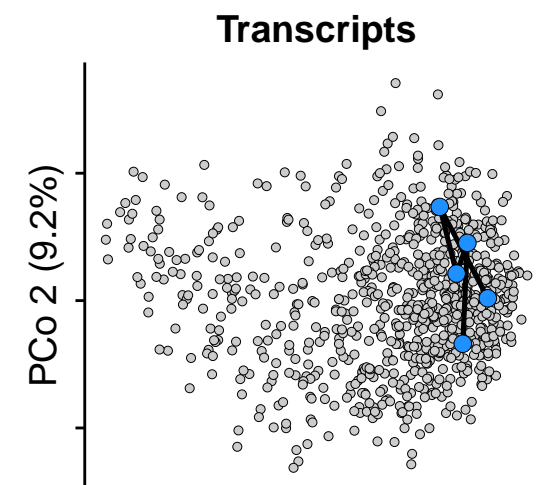
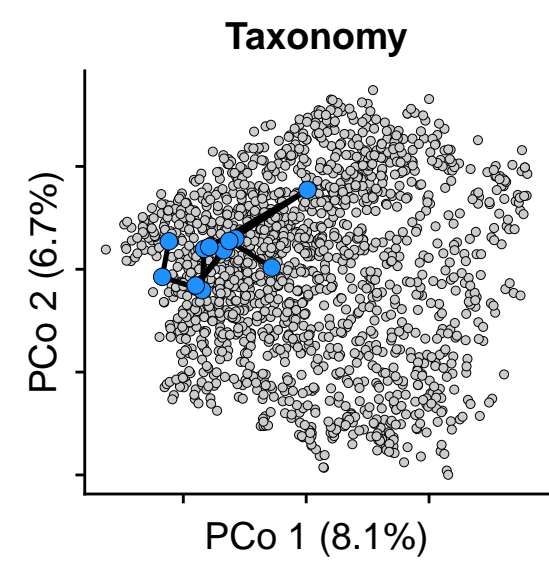
Alistipes onderdonkii
Alistipes shahii
Bacteroides dorei
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

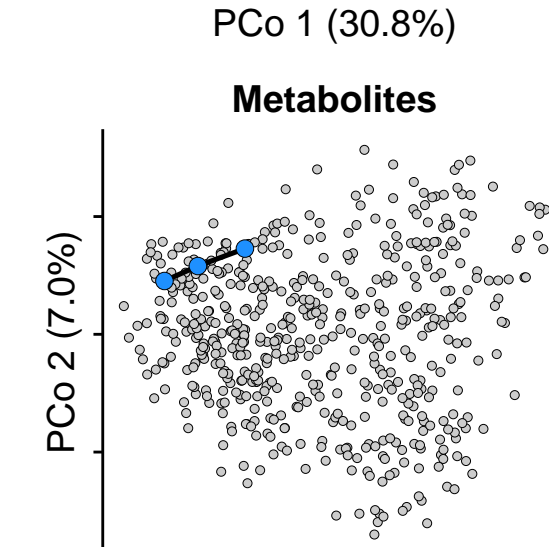
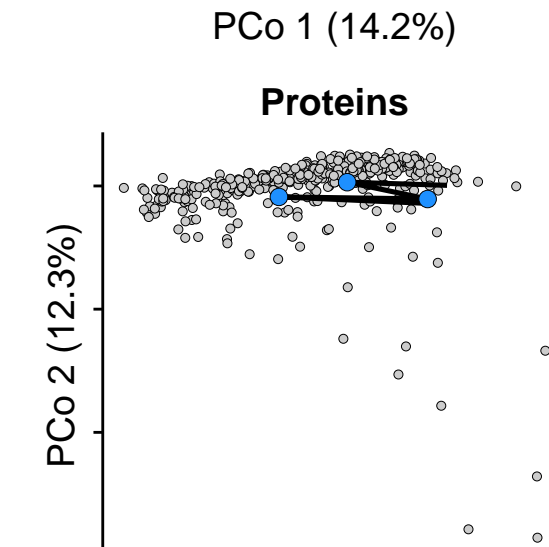
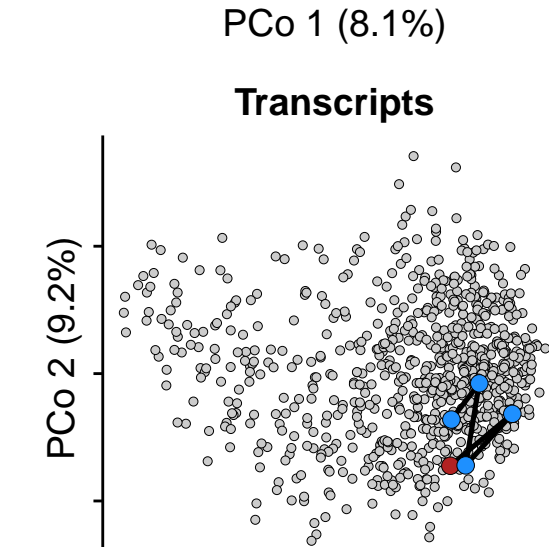
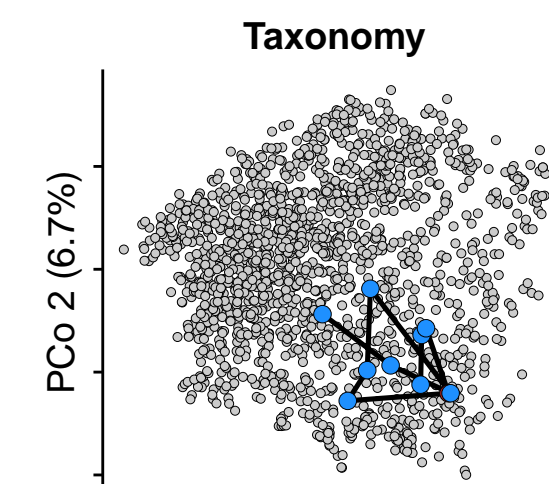
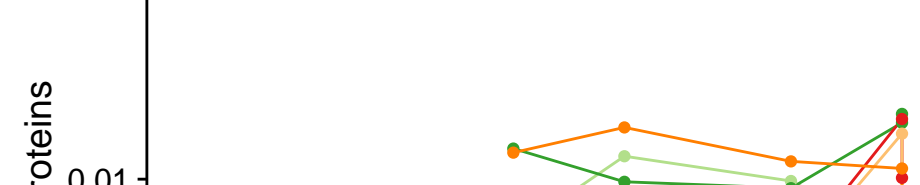
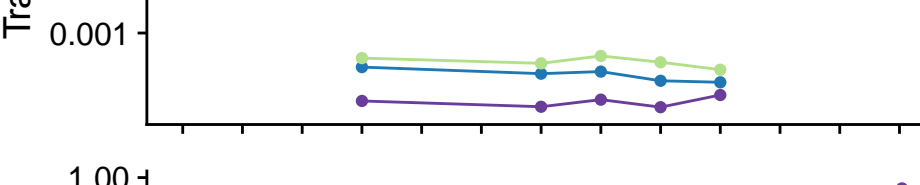
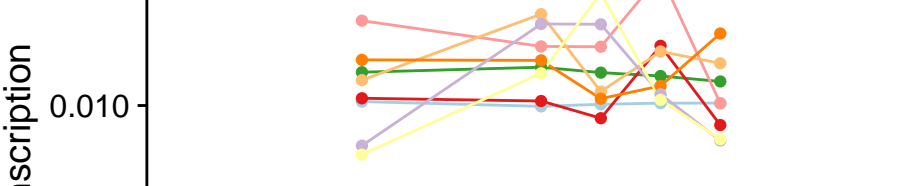
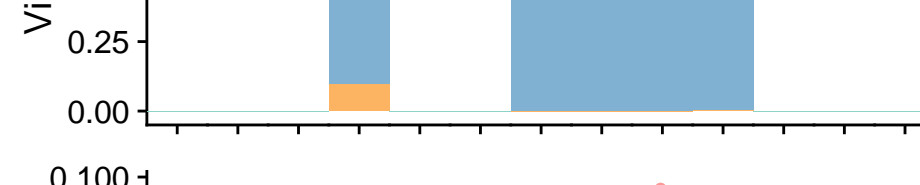
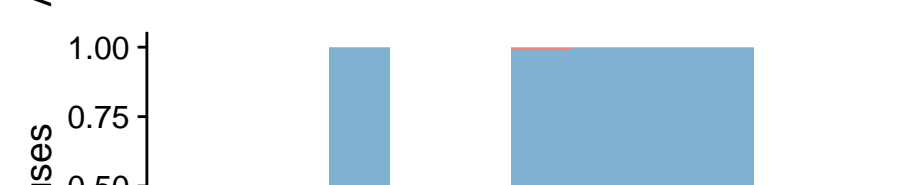
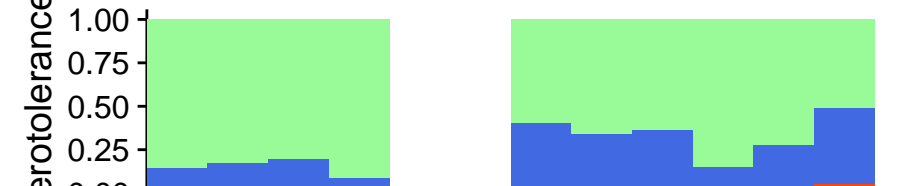
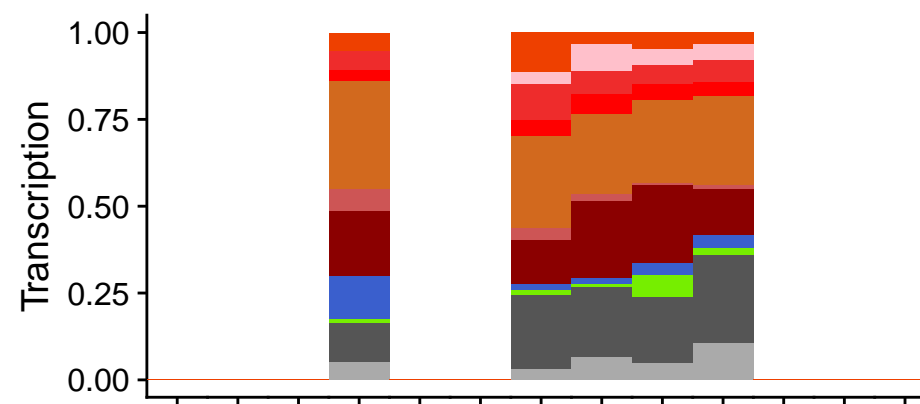
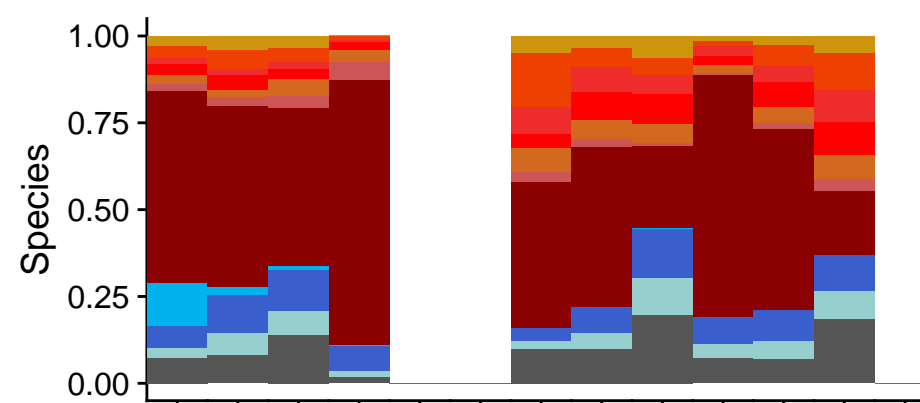
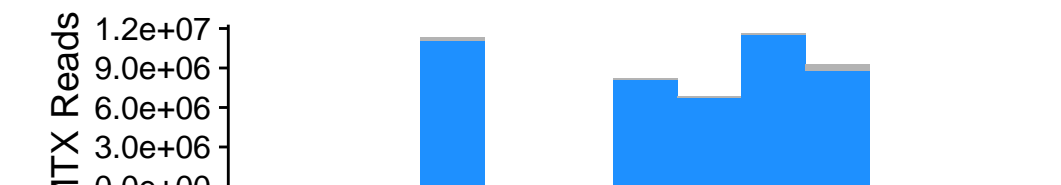
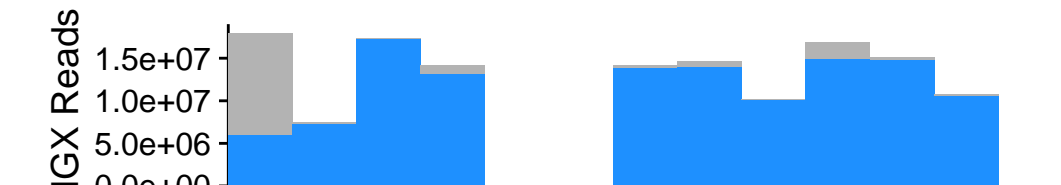
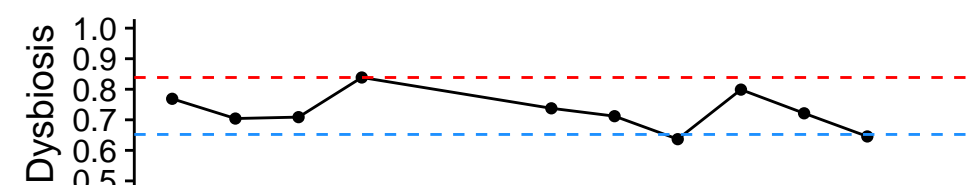
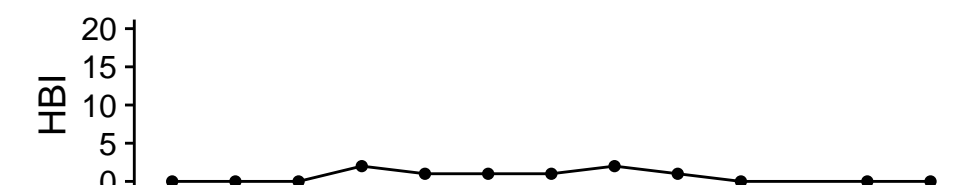
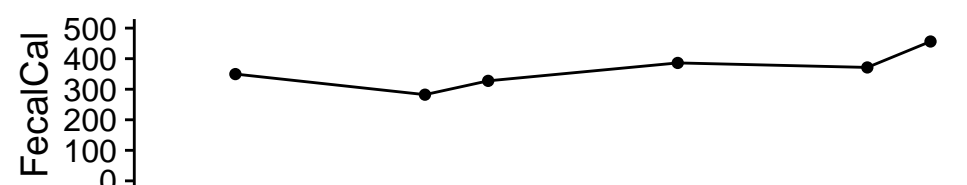
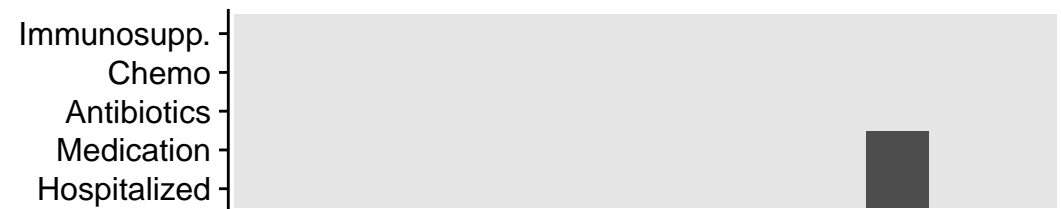
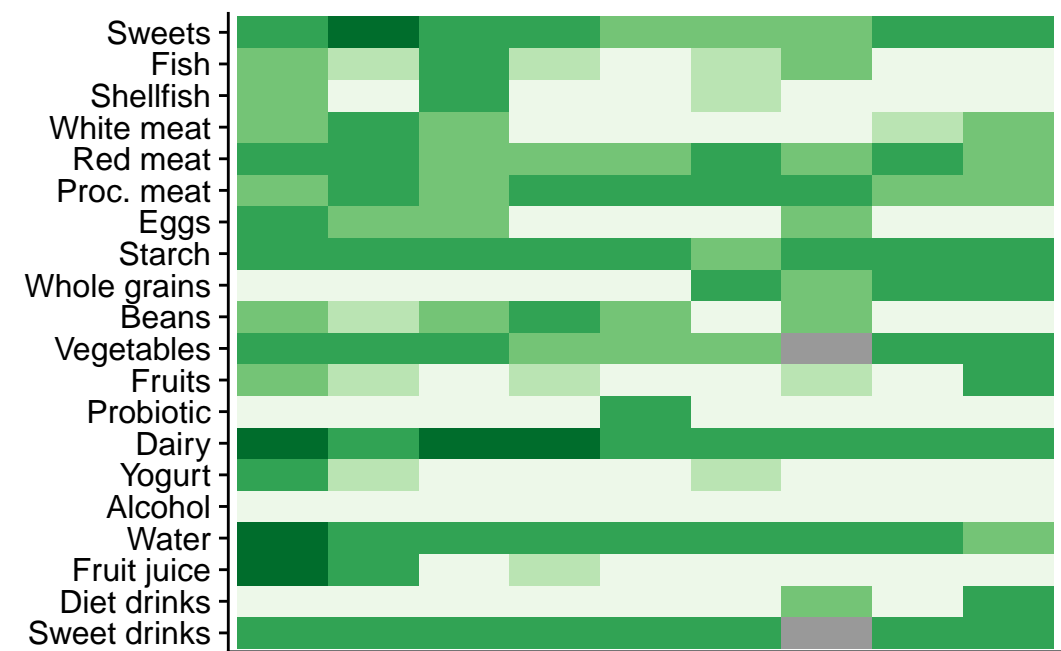
unclassified Siphoviridae
Gyrovirus GyV3
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tobacco mosaic virus

K00024: malate dehydrogenase [EC:1.1.1.37]
K00768: nicotinate-nucleotide--dimethylben...
K01462: NO_NAME
K01673: carbonic anhydrase [EC:4.2.1.1]
K02078: acyl carrier protein
K02968: small subunit ribosomal protein S20
K03073: preprotein translocase subunit SecE
K03088: RNA polymerase sigma-70 factor, E...
K08998: hypothetical protein
K12343: 3-oxo-5-alpha-steroid 4-dehydrog...
K15633: 2,3-bisphosphoglycerate-independ...

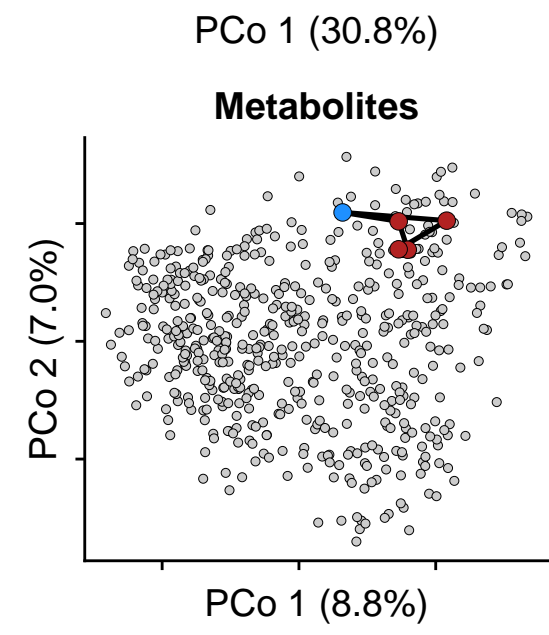
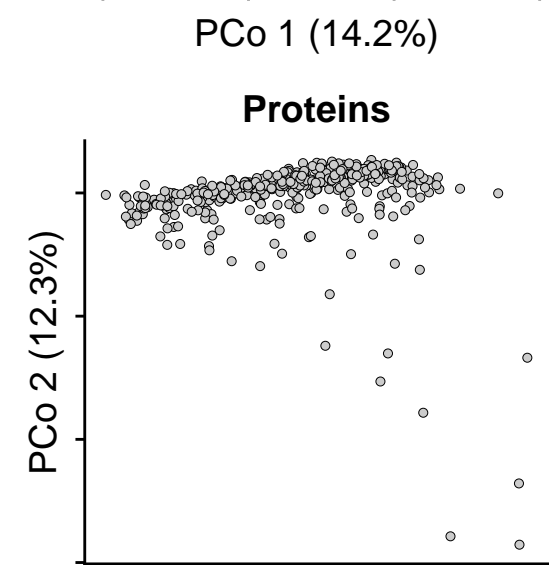
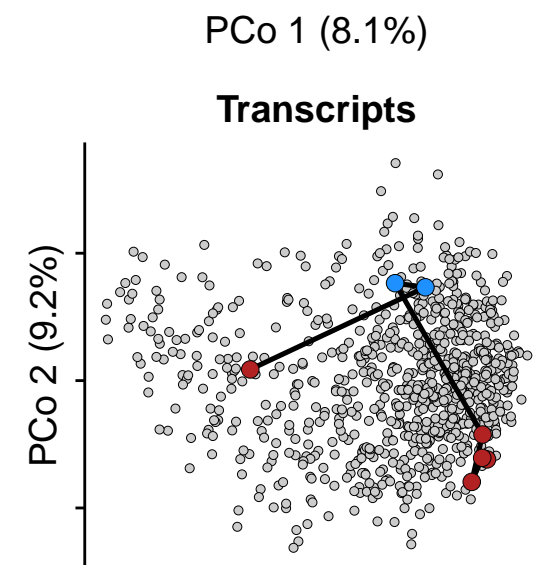
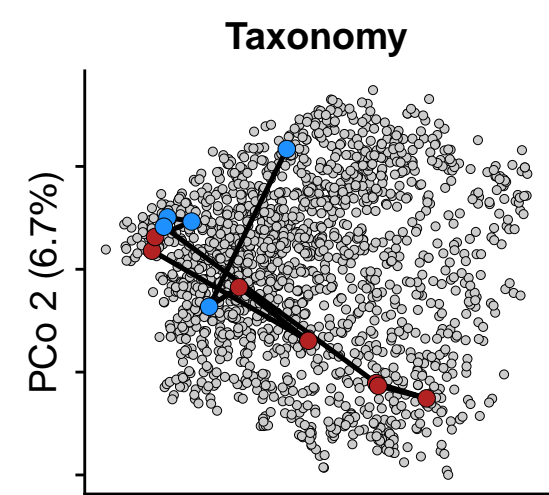
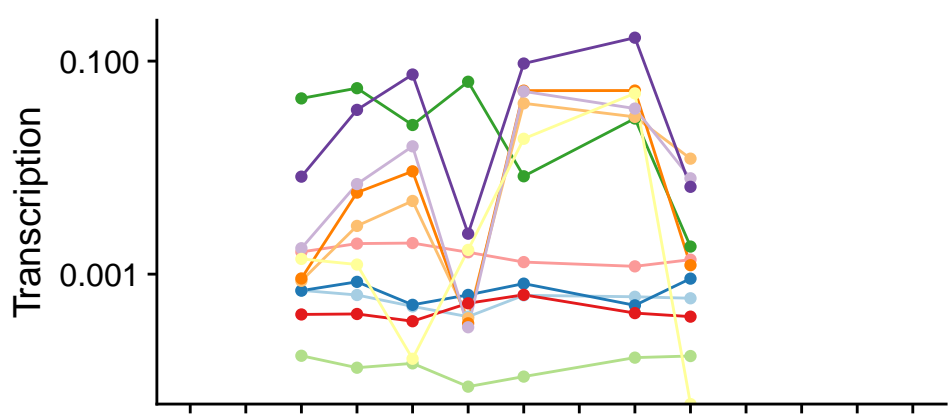
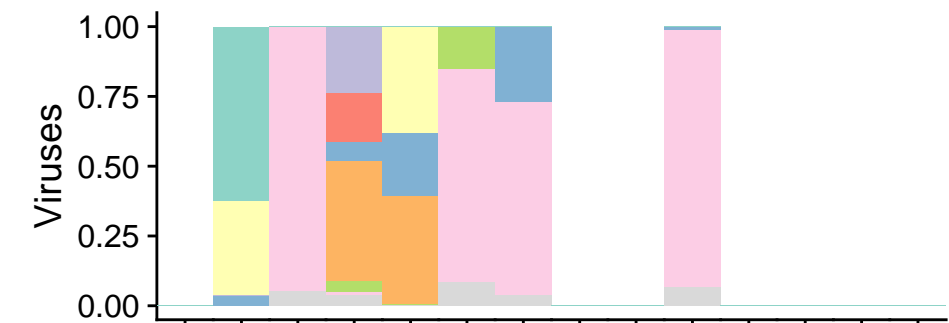
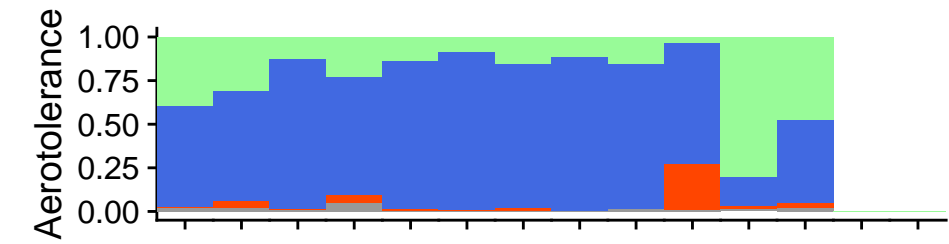
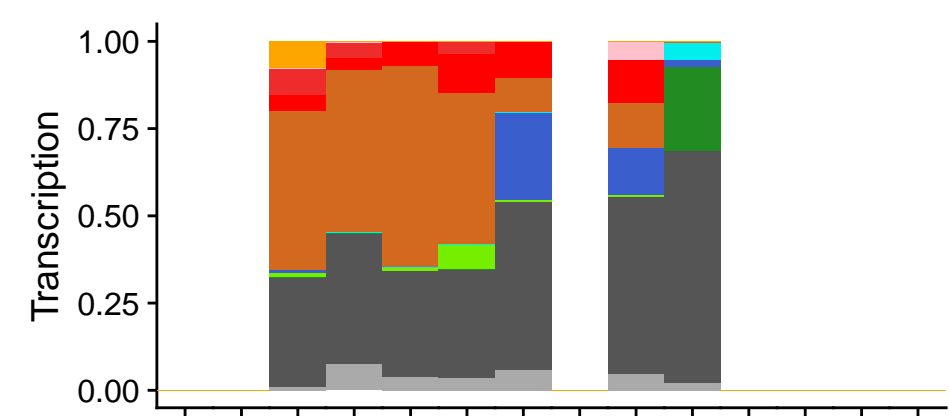
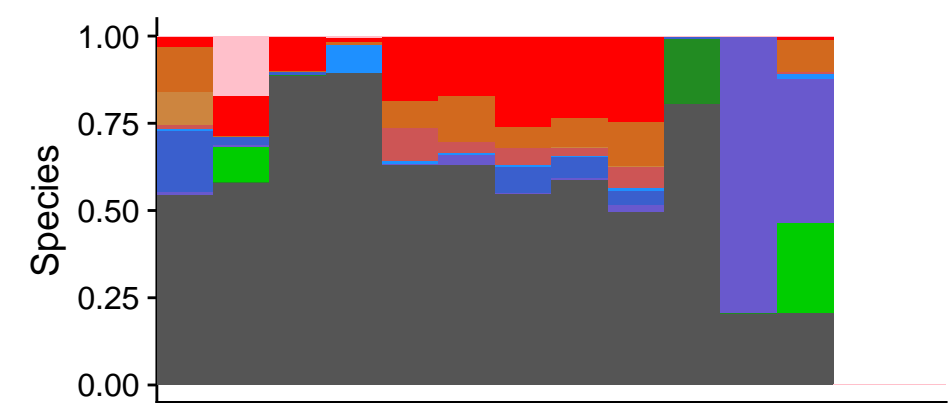
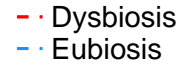
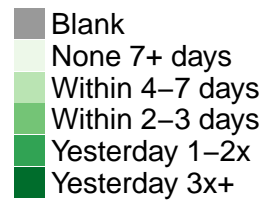
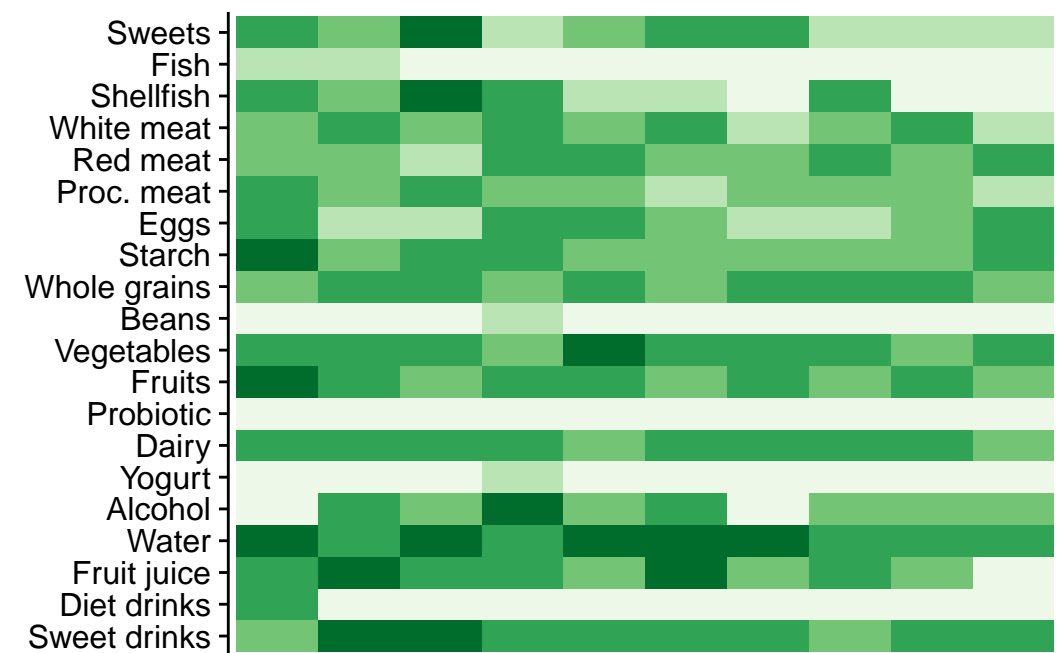
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01689: enolase [EC:4.2.1.11]
K01803: triosephosphate isomerase (TIM) [E...
K01812: glucuronate isomerase [EC:5.3.1.12]
K02931: large subunit ribosomal protein L5
K10117: raffinose/stachyose/melibiose transp...
K15633: 2,3-bisphosphoglycerate-independ...
UNGROUPED



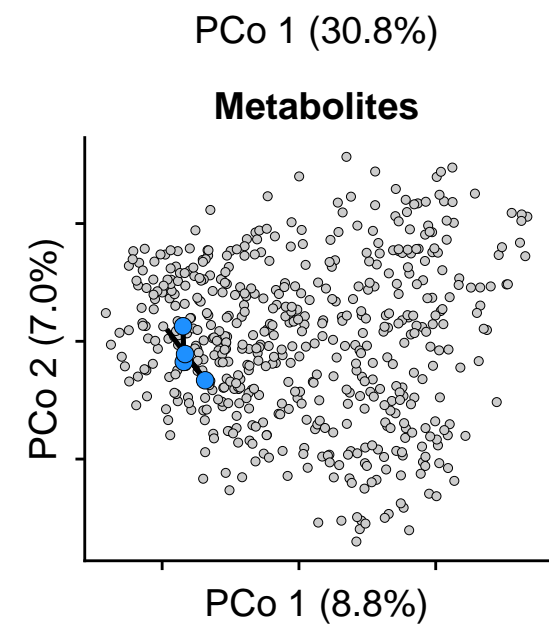
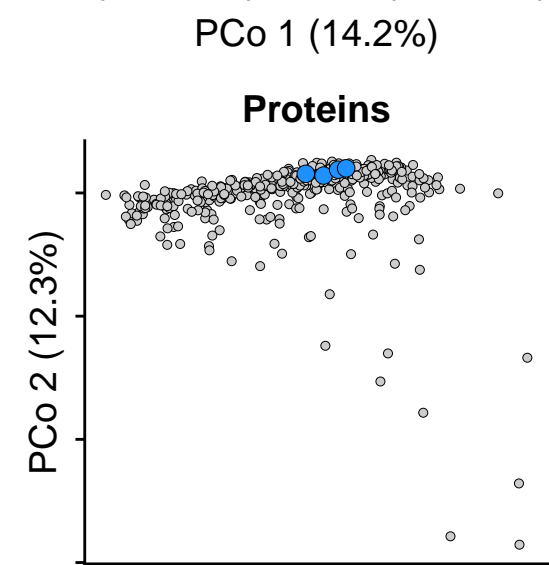
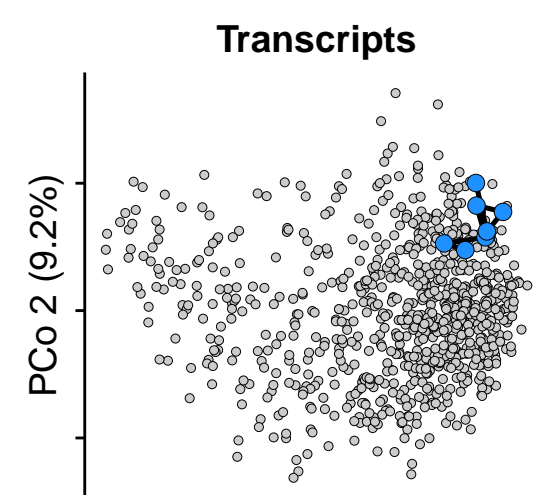
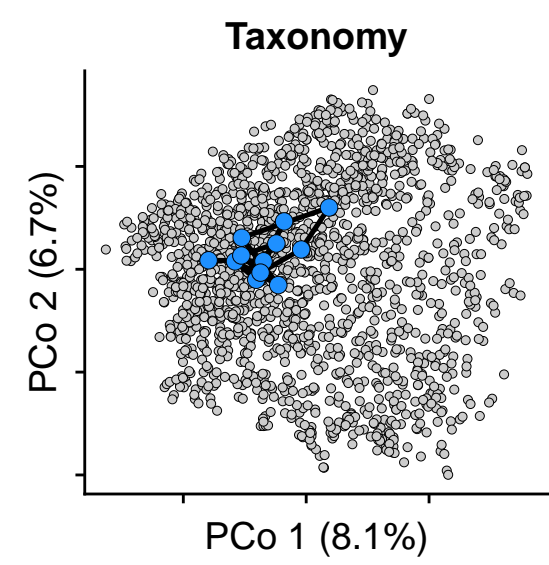
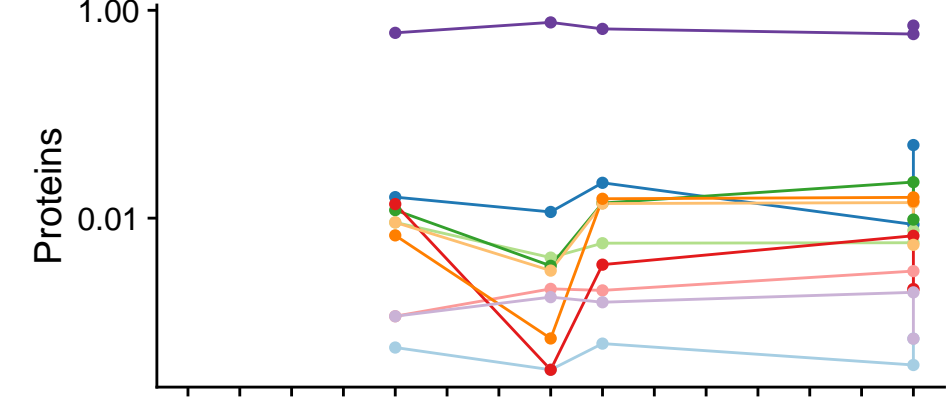
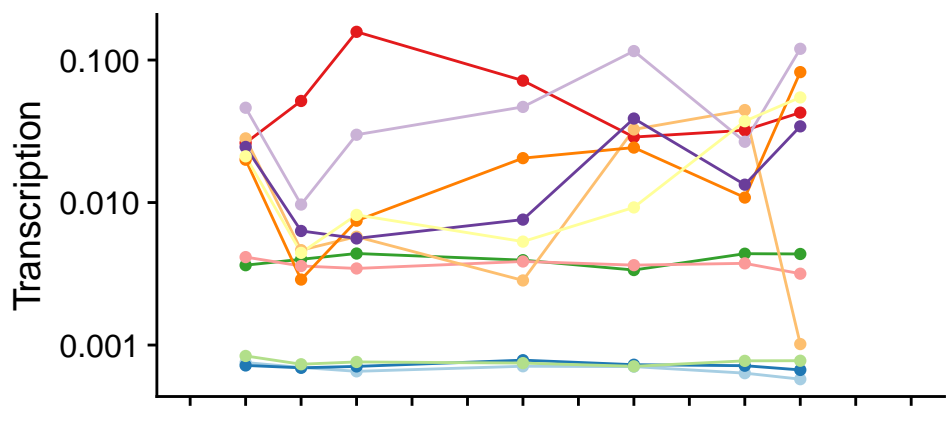
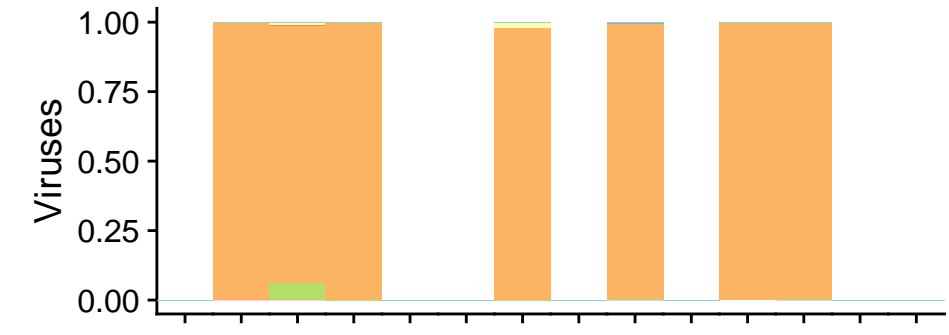
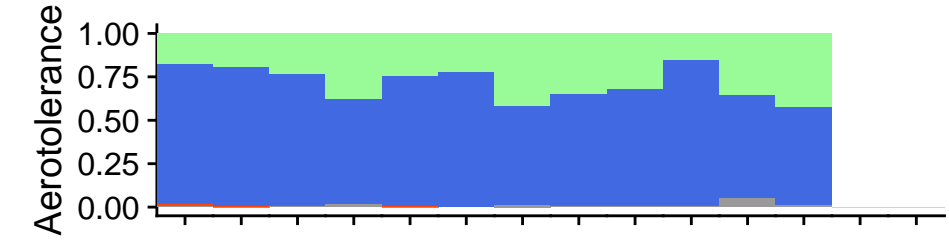
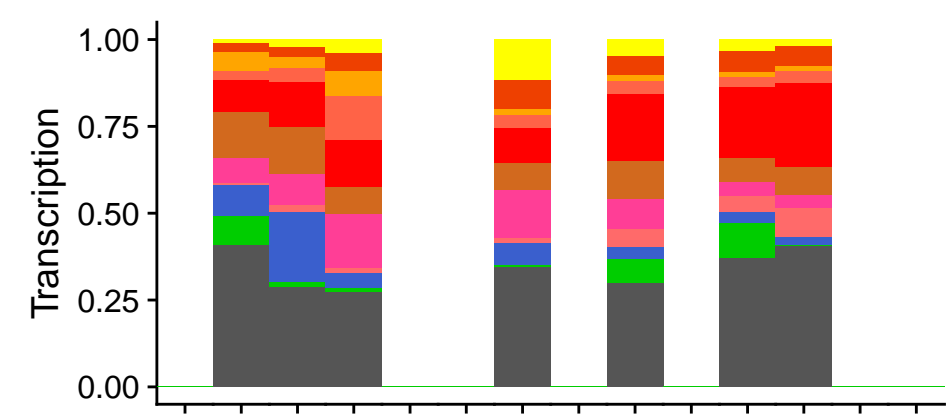
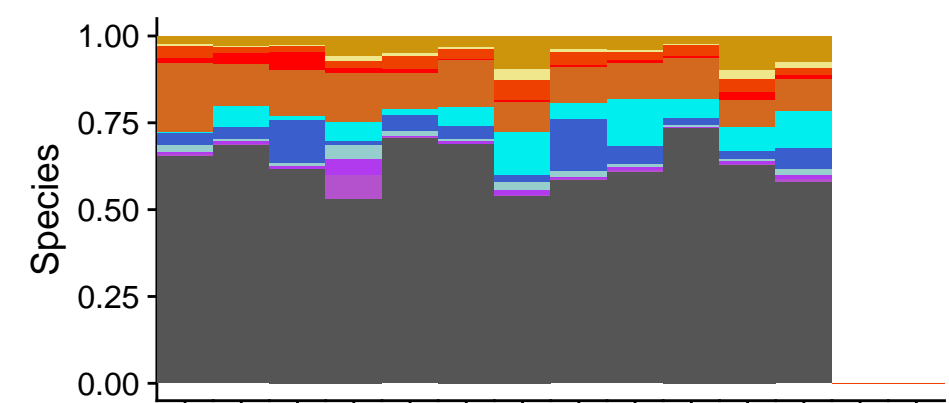
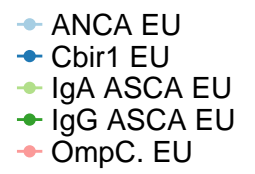
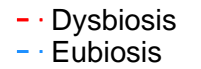
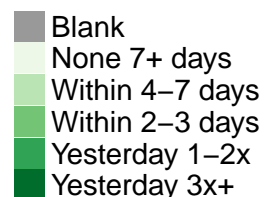
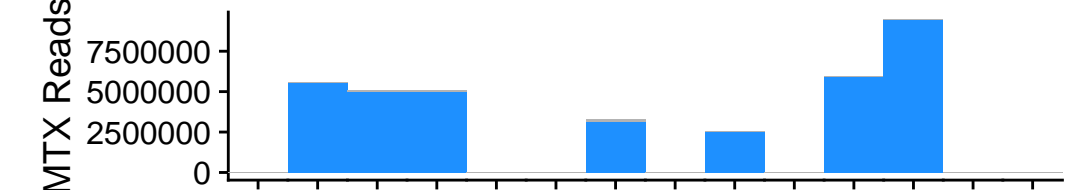
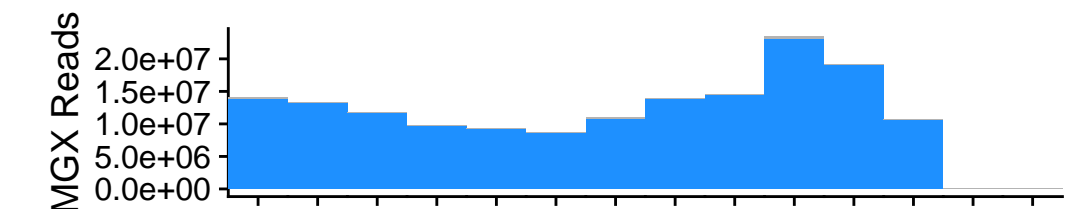
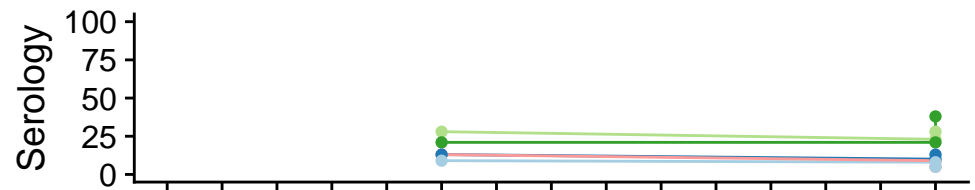
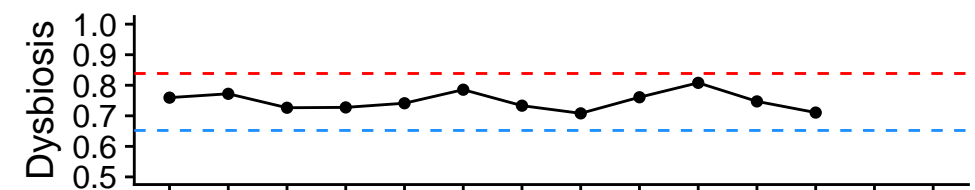
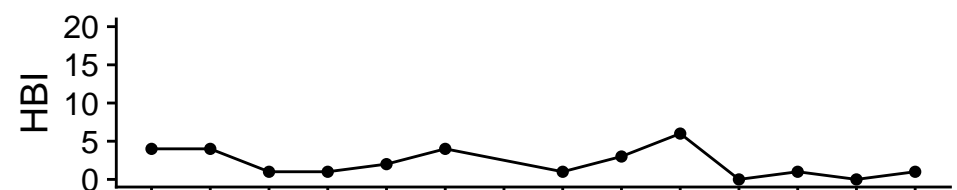
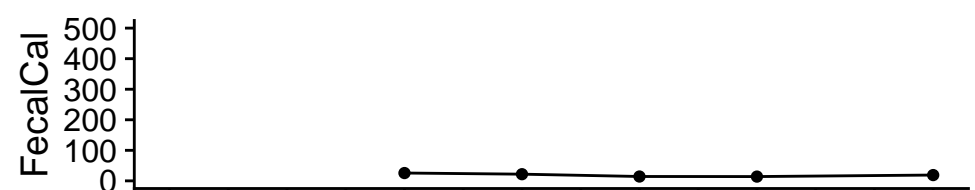
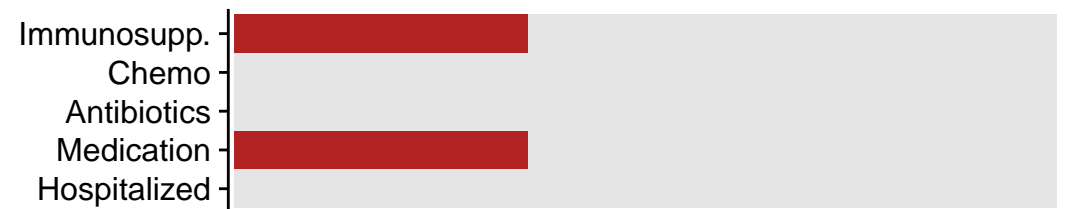
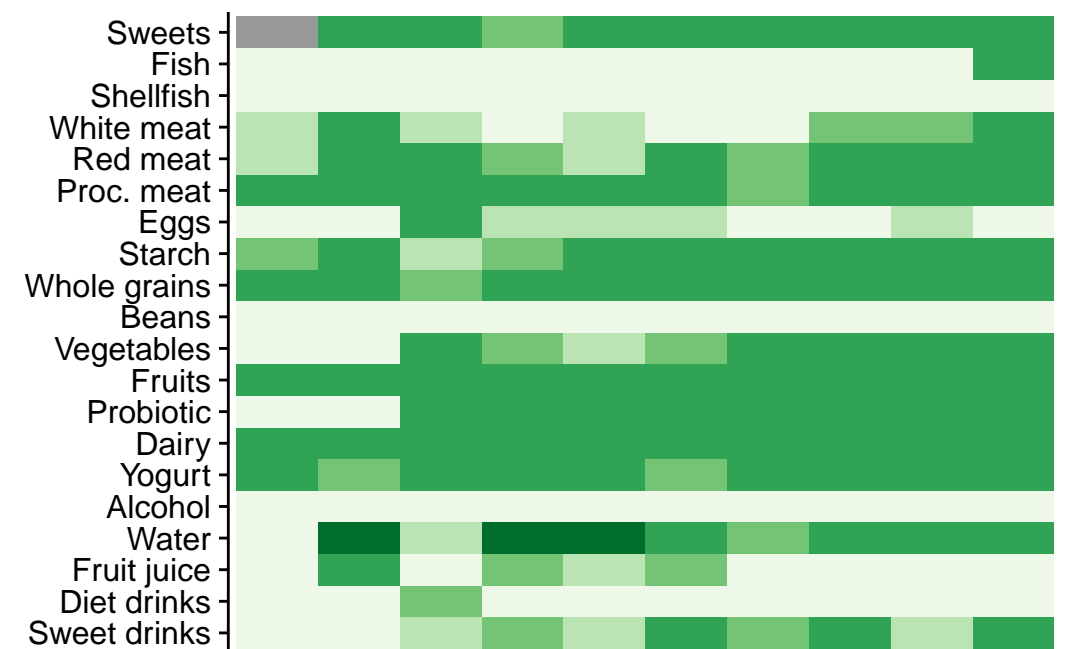
H4028: 13 Female White Cincinnati | CD L1+L4



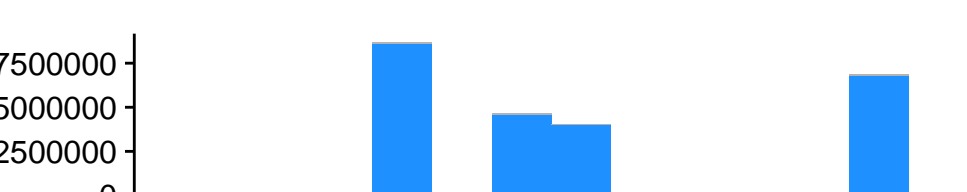
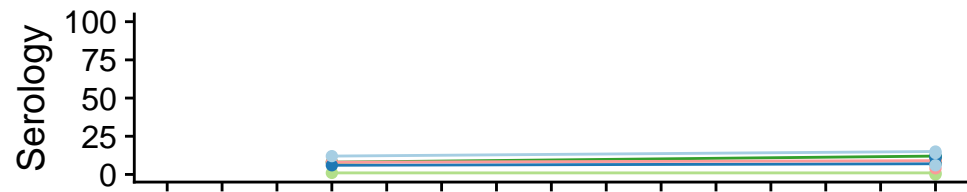
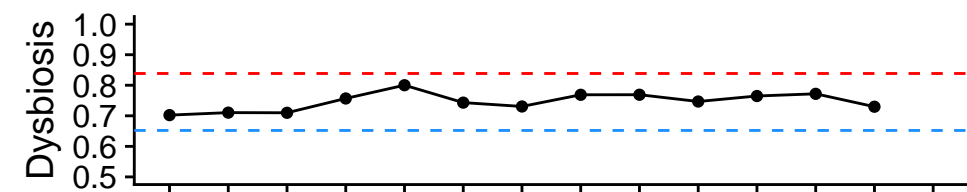
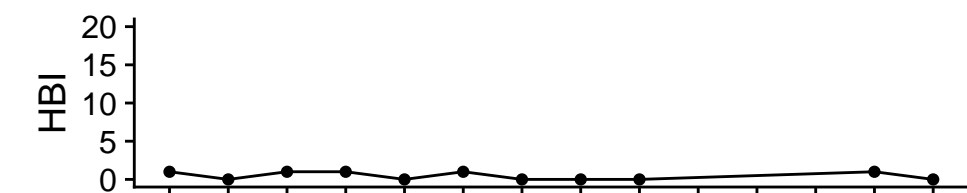
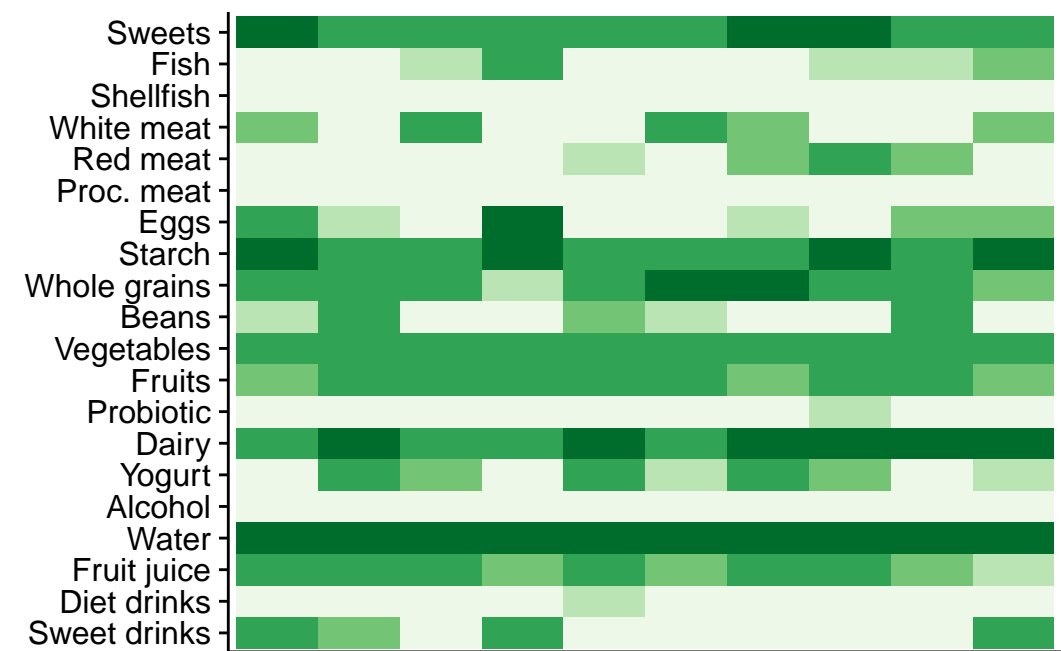
H4030: 16 Male White Cincinnati | CD L1+L4



H4031: 12 Male White Cincinnati | CD L1+L4



H4032: 12 Male White Cincinnati | CD L3+L4



None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

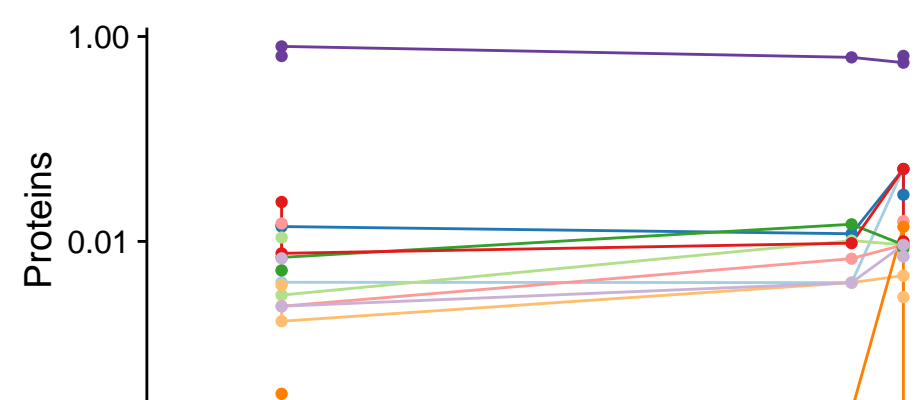
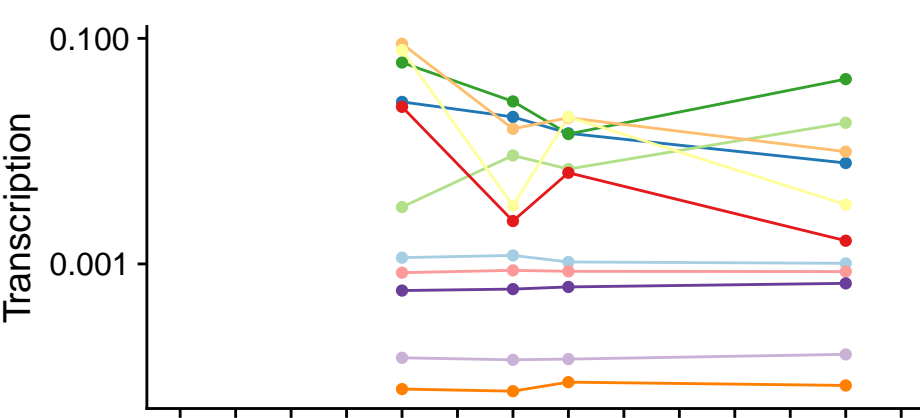
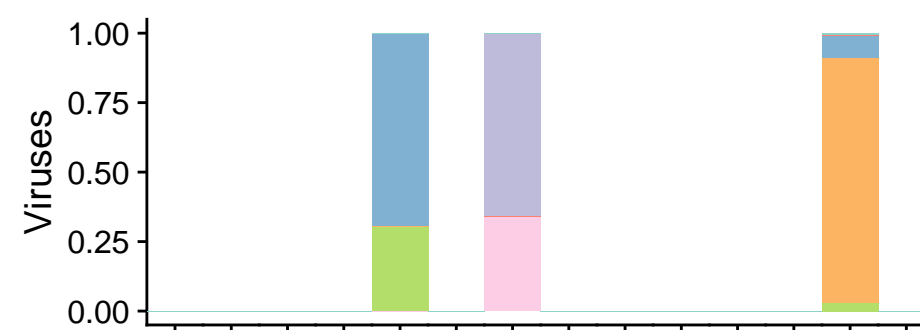
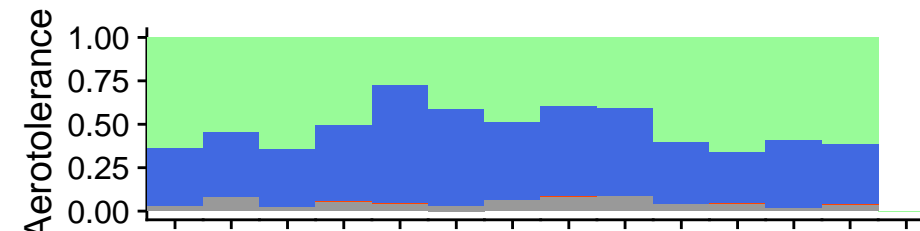
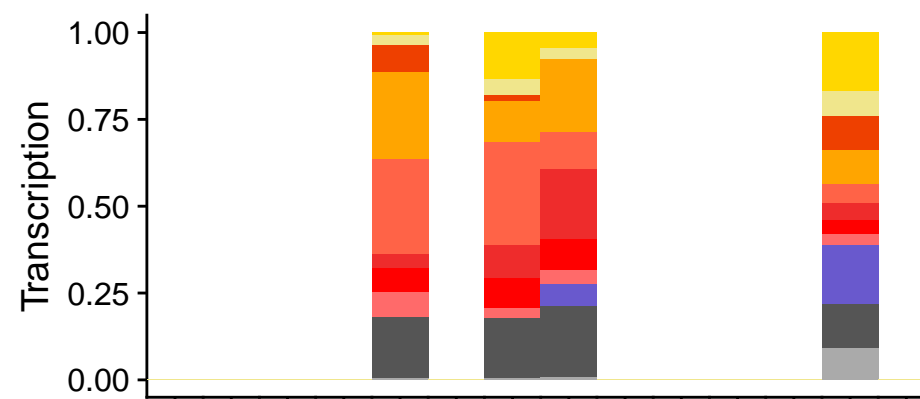
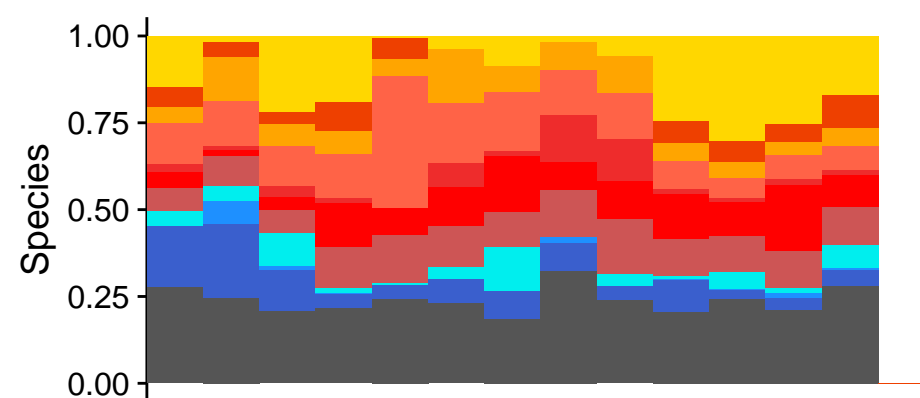
Yes
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes onderdonkii
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Parabacteroides merdae
Eubacterium rectale
Eubacterium eligens
Faecalibacterium prausnitzii
other

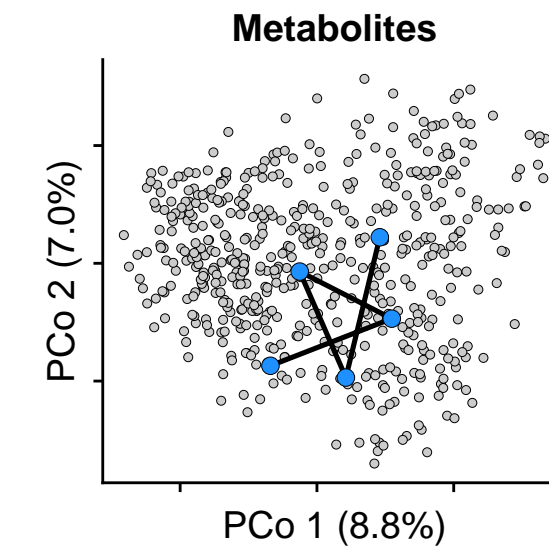
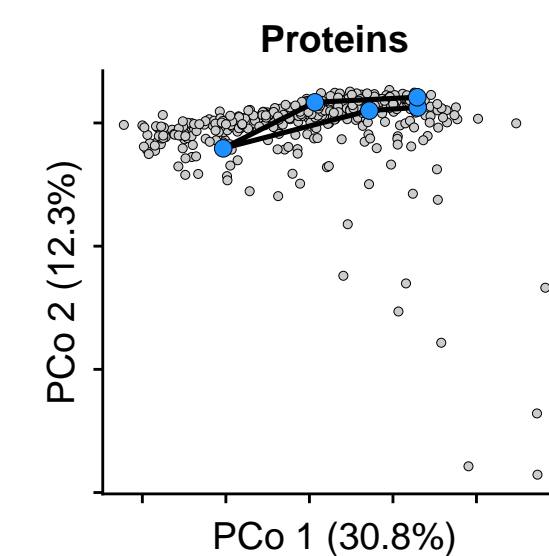
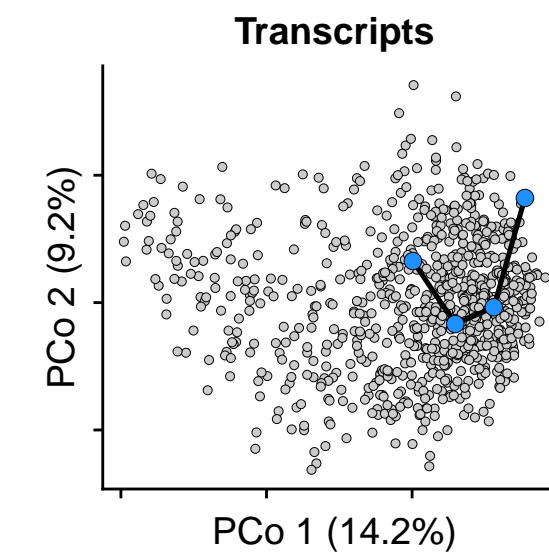
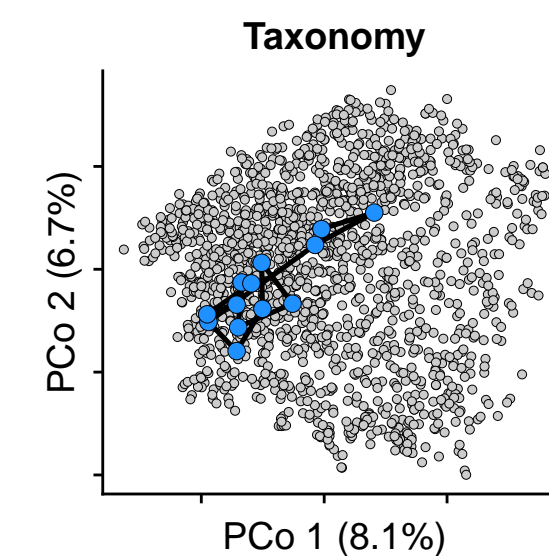
Alistipes onderdonkii
Alistipes finegoldii
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Parabacteroides distasonis
Roseburia intestinalis
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

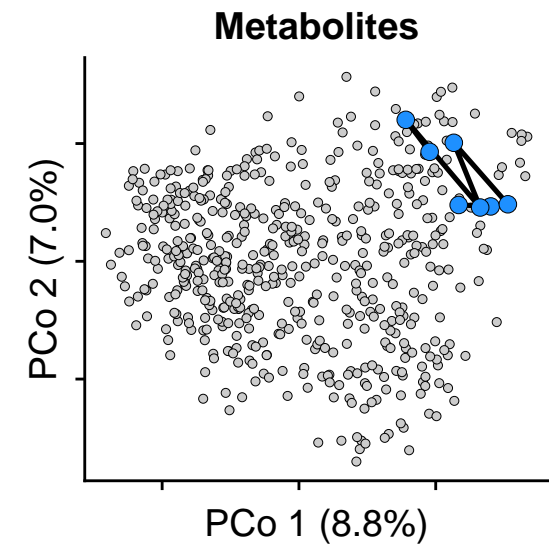
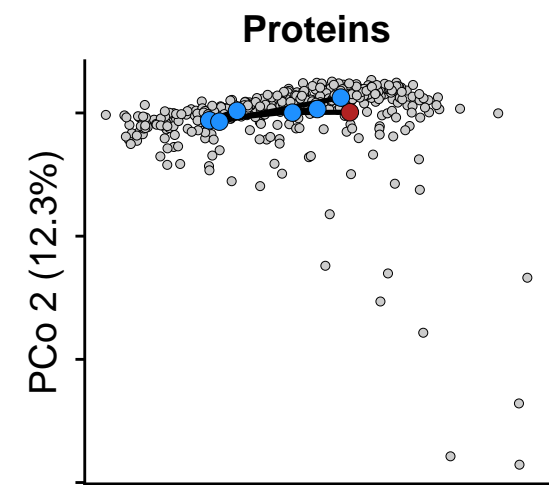
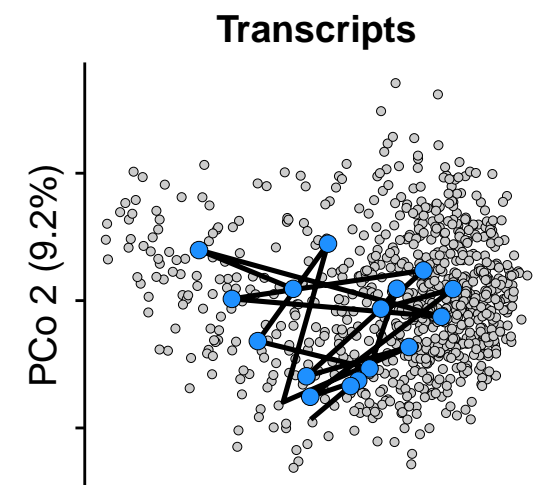
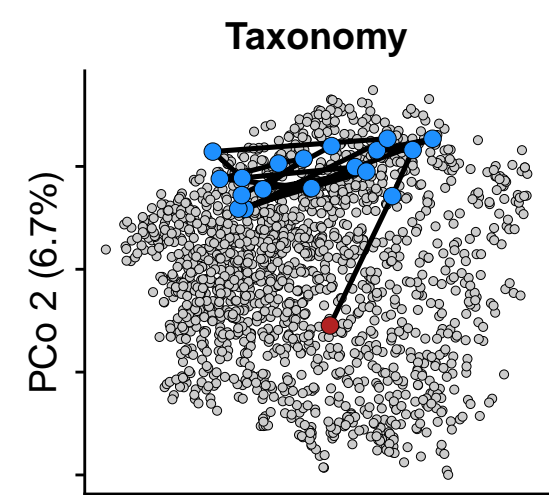
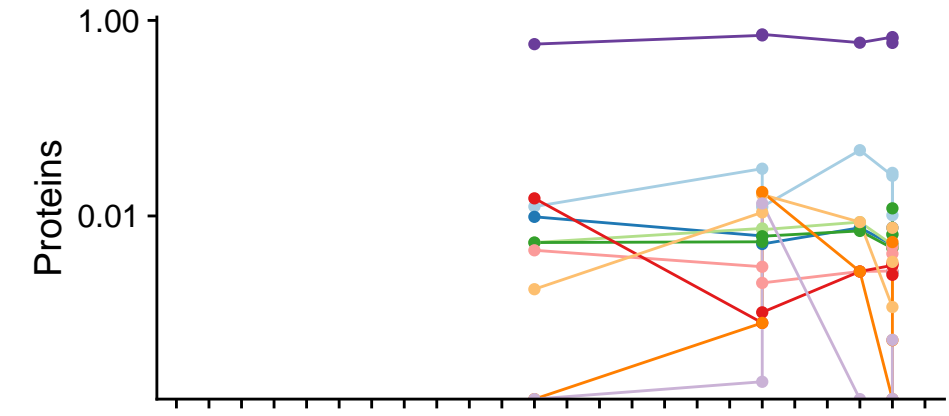
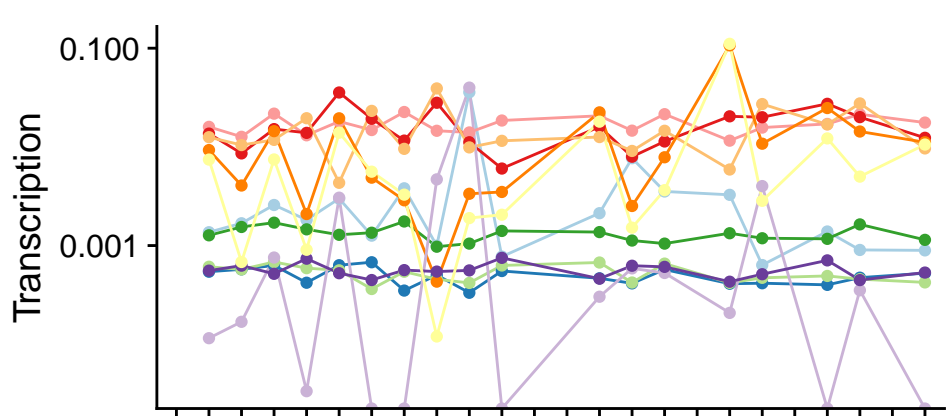
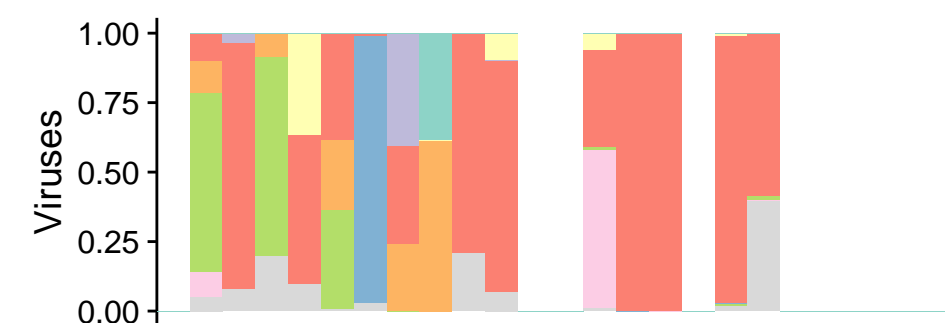
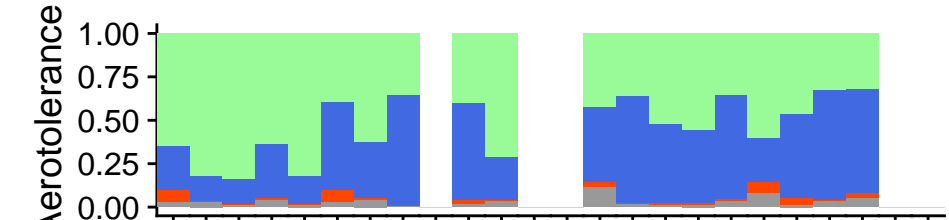
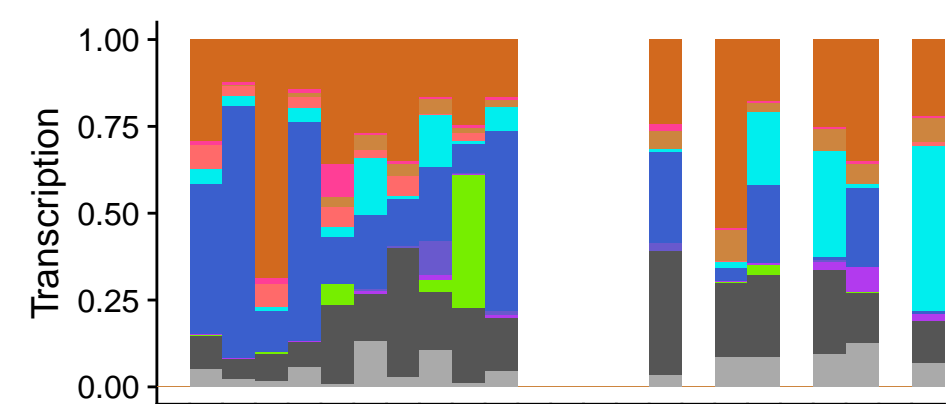
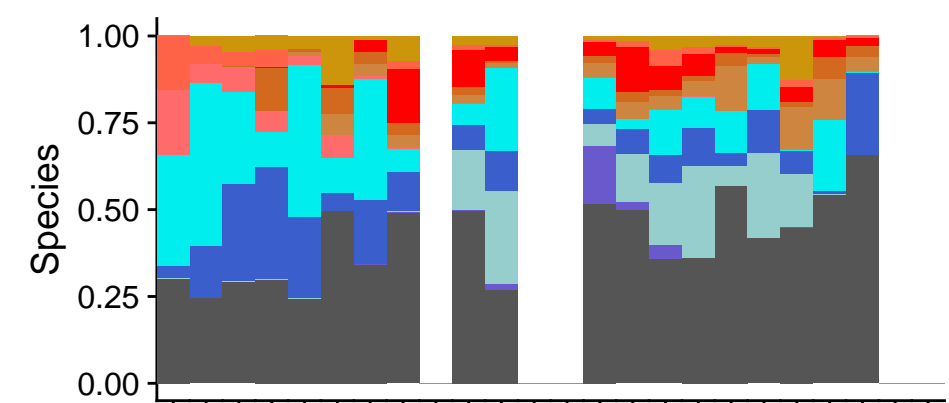
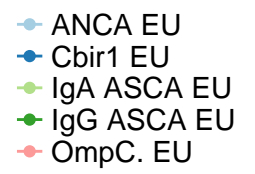
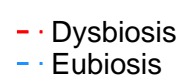
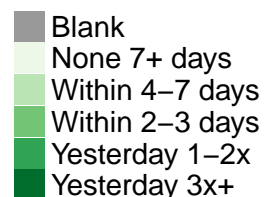
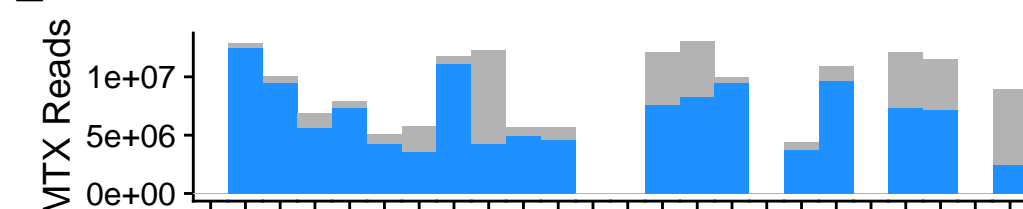
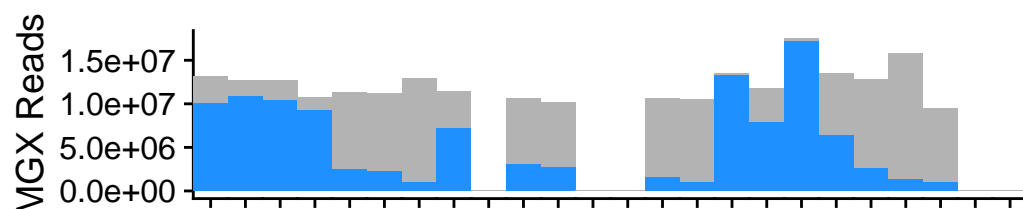
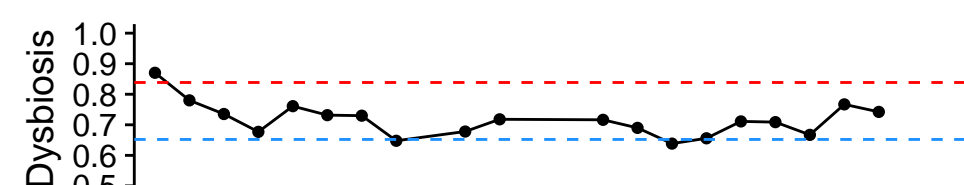
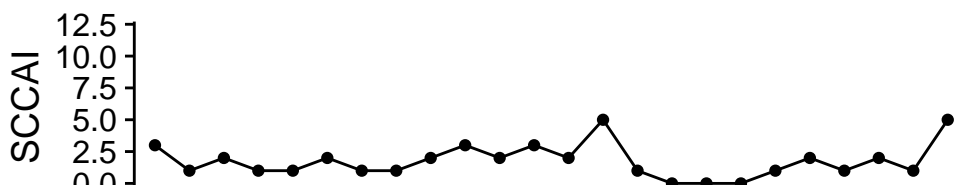
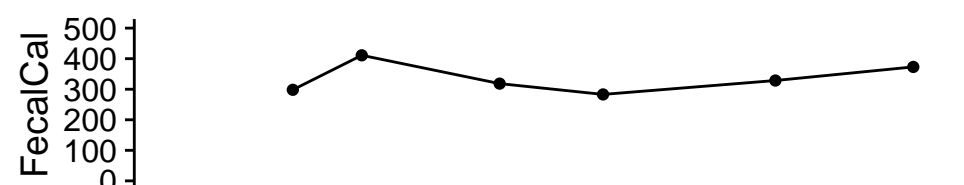
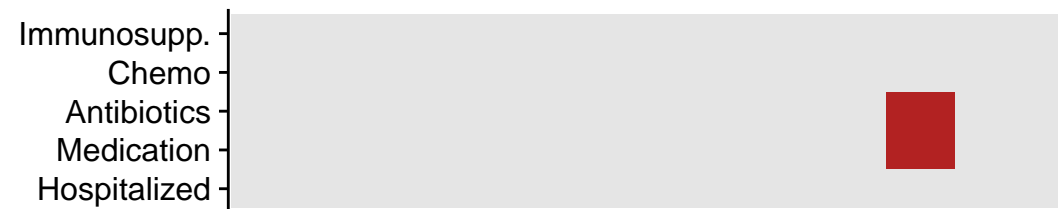
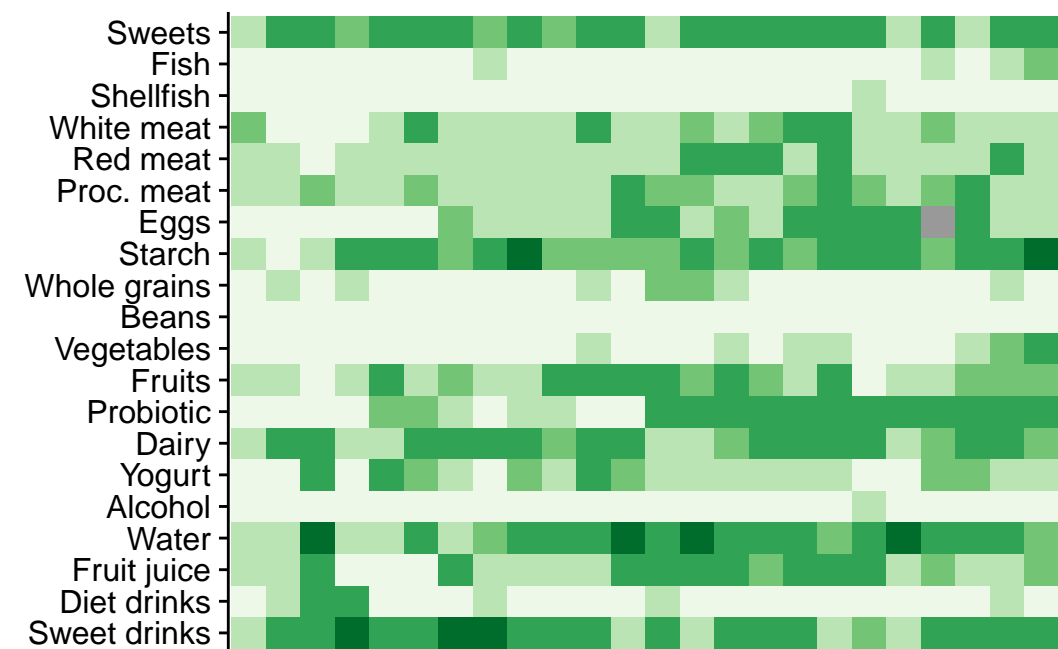
Pseudomonas phage phiIBB-PF7A
Siphoviridae
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
Tomato mosaic virus

K00793: riboflavin synthase [EC:2.5.1.9]
K02914: large subunit ribosomal protein L34
K02956: small subunit ribosomal protein S15
K03088: RNA polymerase sigma-70 factor, E...
K03797: carboxyl-terminal processing protea...
K04077: chaperonin GroEL
K04078: chaperonin GroES
K07263: zinc protease
K09702: hypothetical protein
K09748: hypothetical protein
K13993: HSP20 family protein

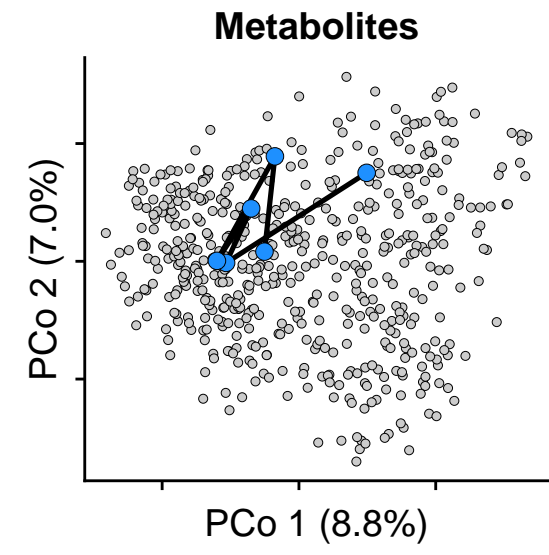
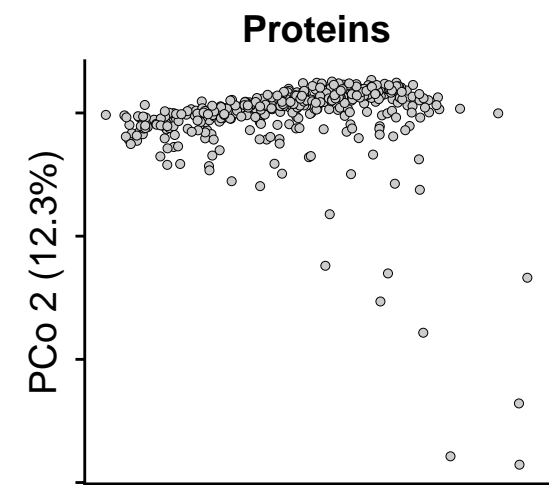
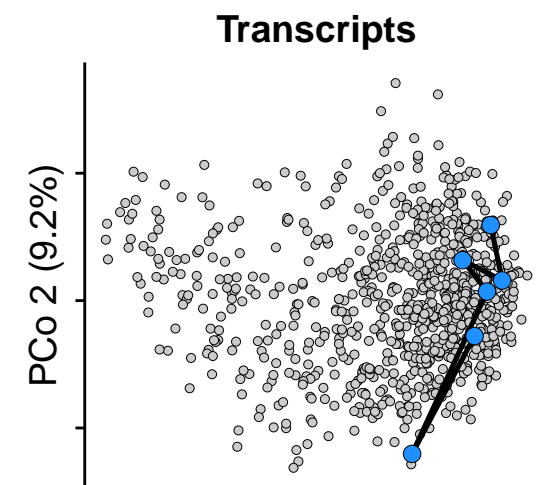
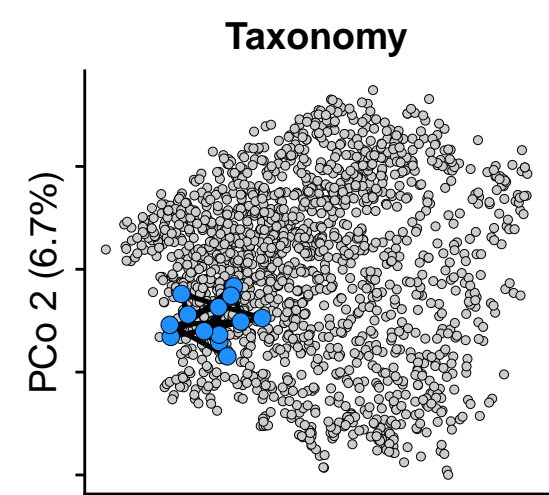
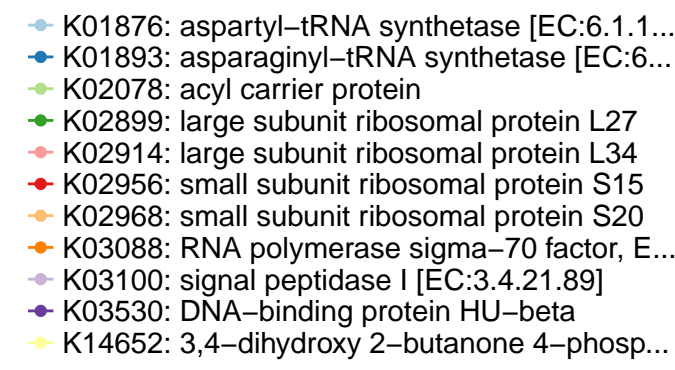
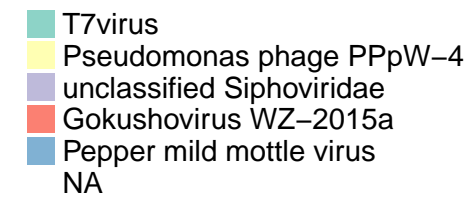
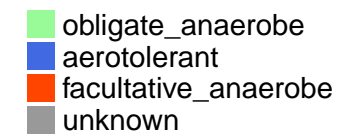
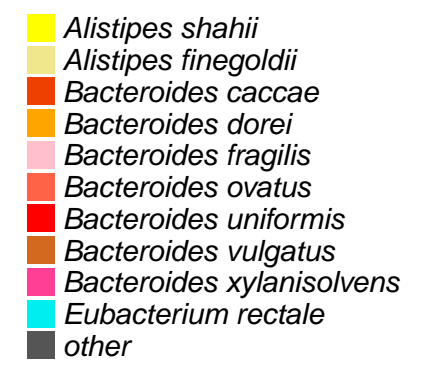
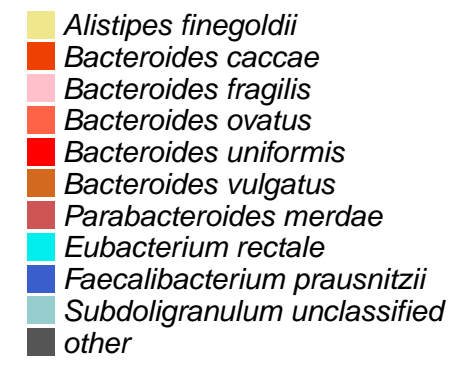
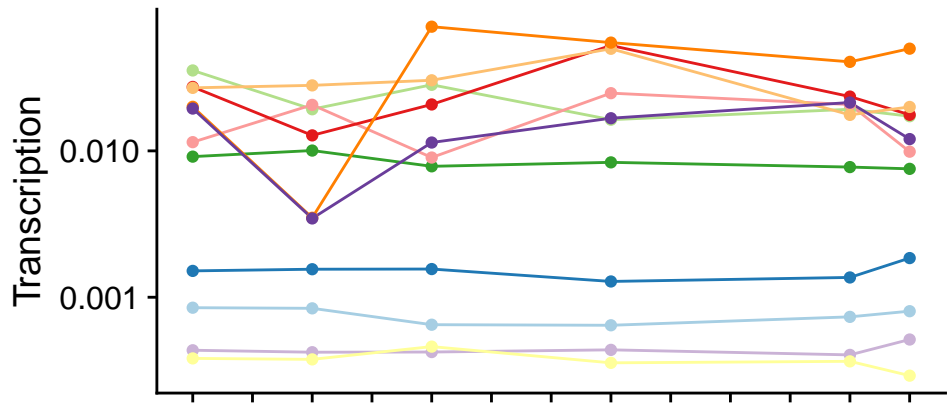
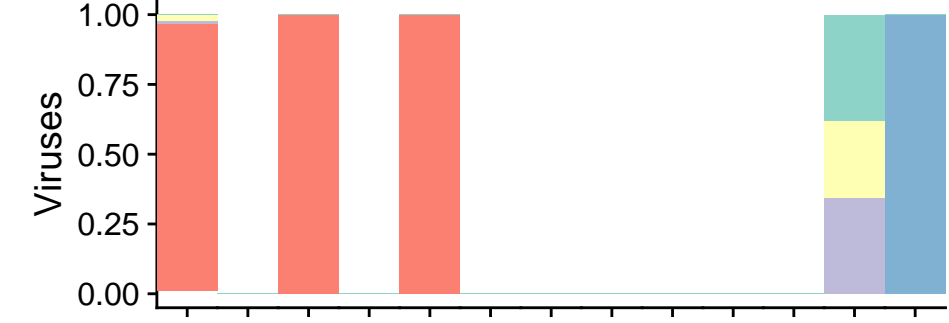
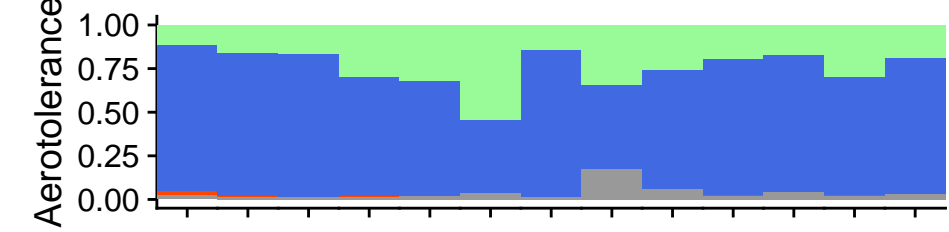
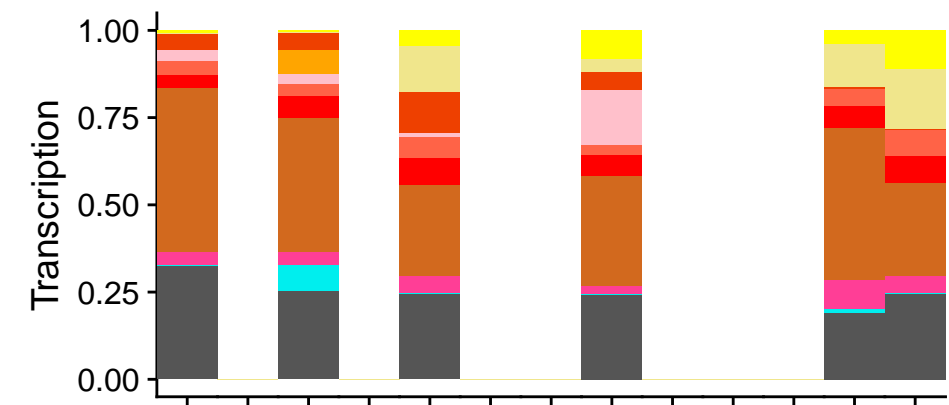
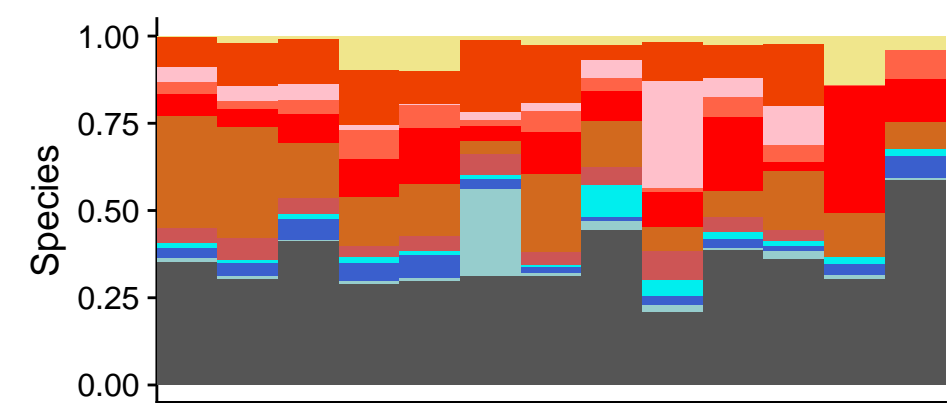
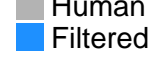
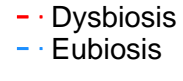
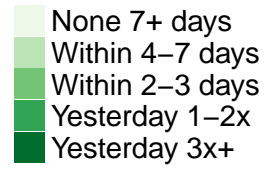
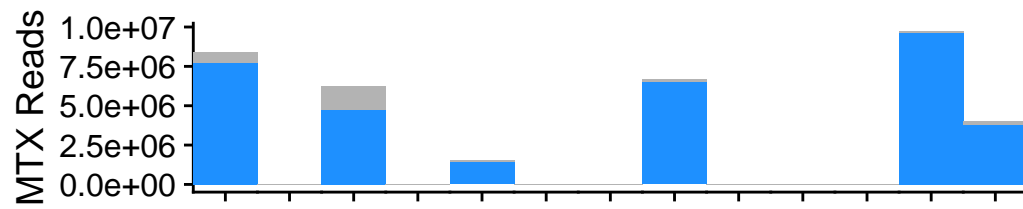
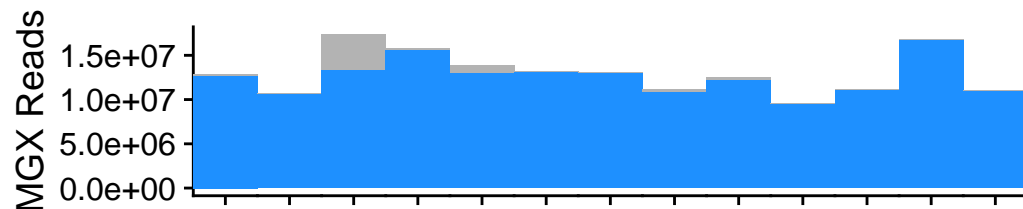
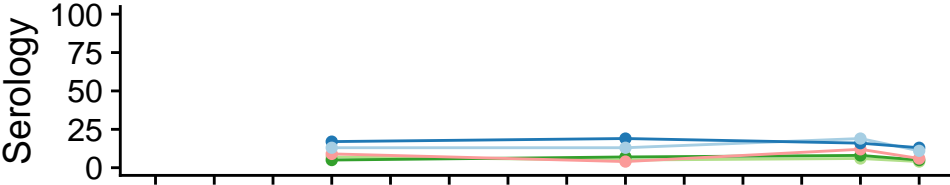
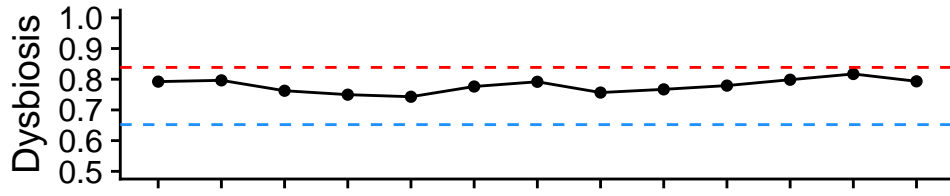
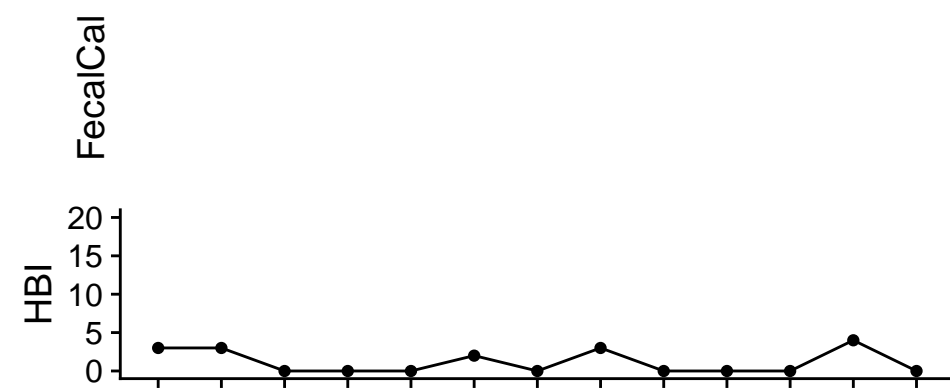
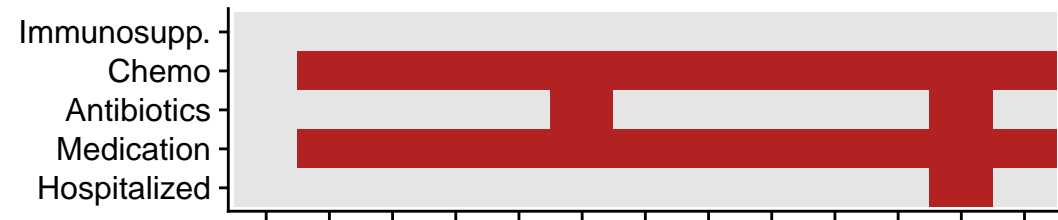
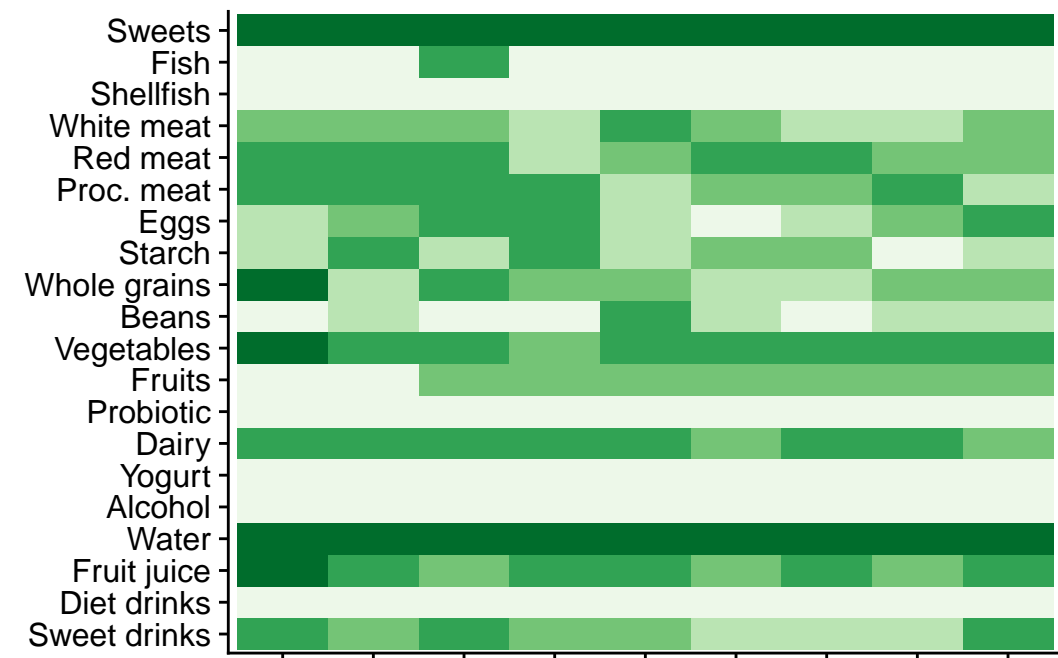
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01610: phosphoenolpyruvate carboxykinase...
K02355: elongation factor EF-G
K02358: elongation factor EF-Tu
K02986: small subunit ribosomal protein S4
K07335: basic membrane protein A and relat...
K10200: N-acetylglucosamine transport syst...
UNGROUPED



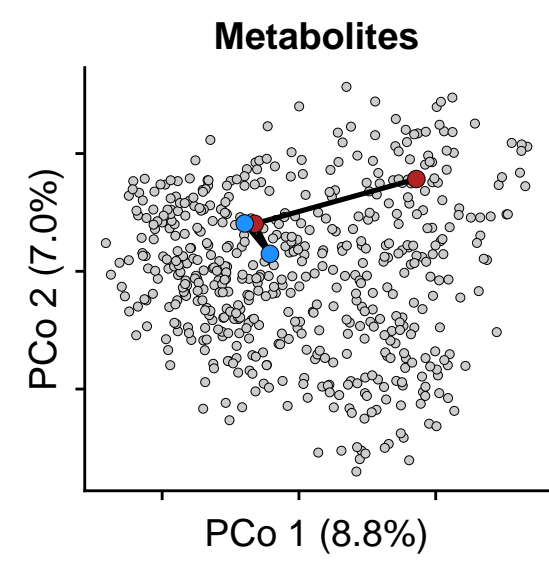
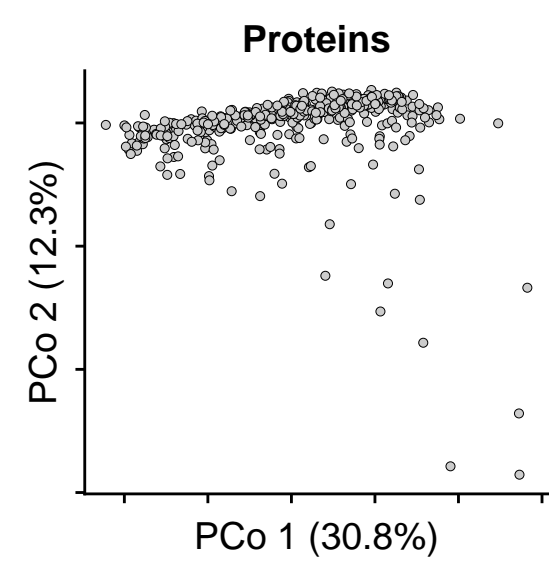
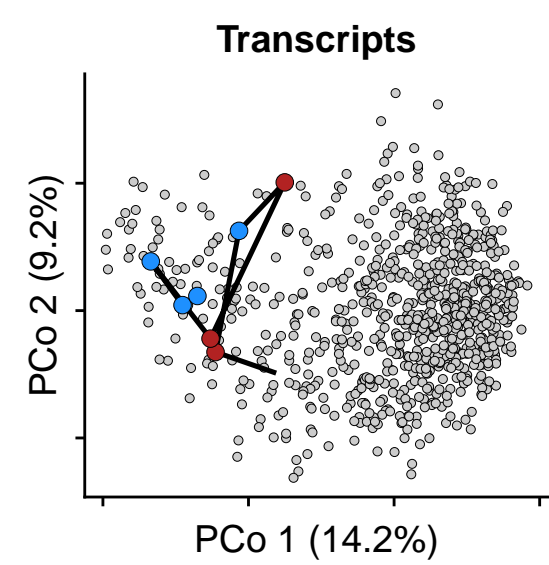
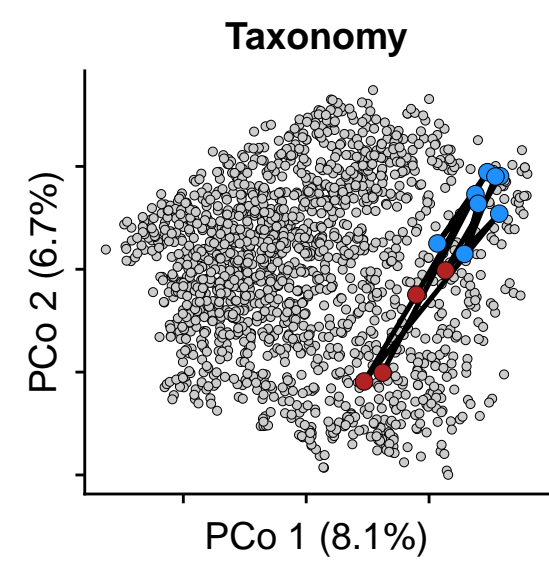
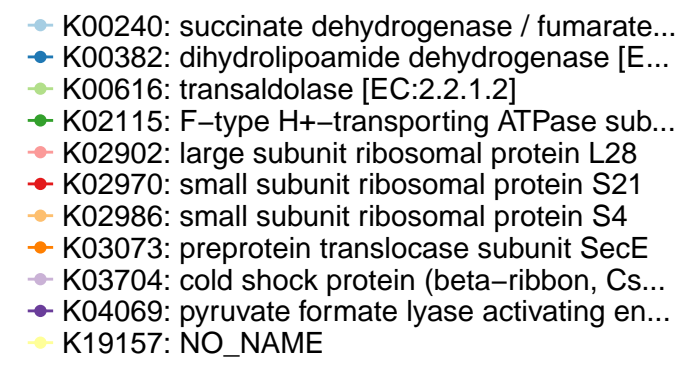
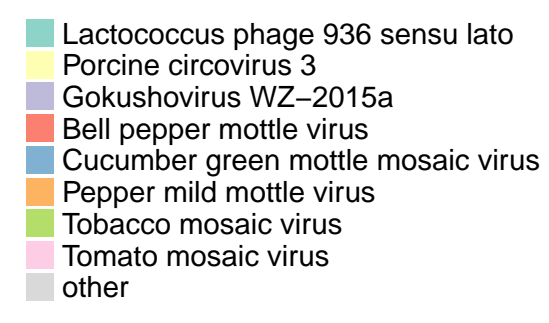
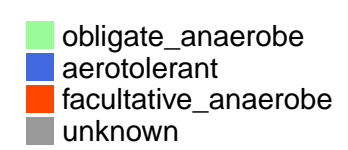
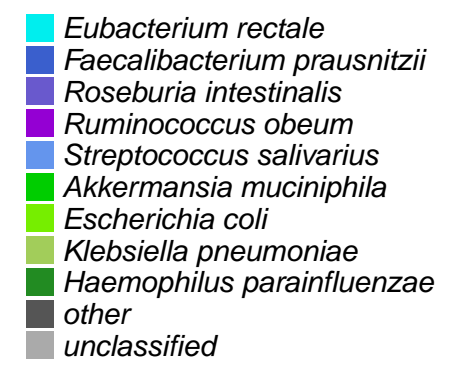
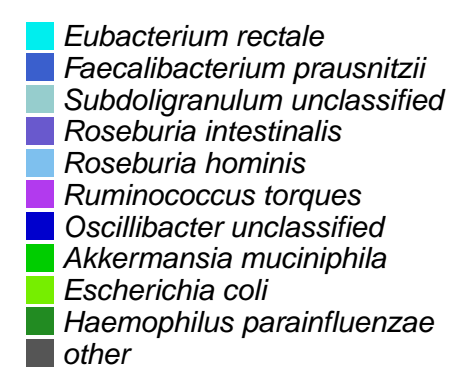
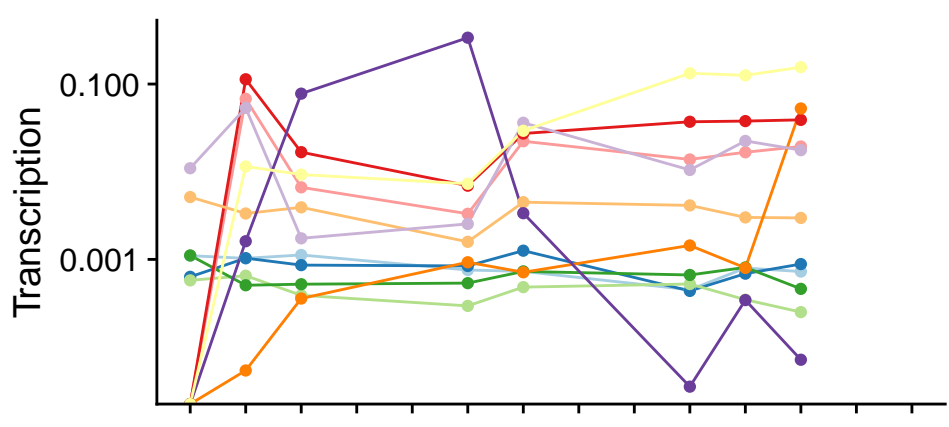
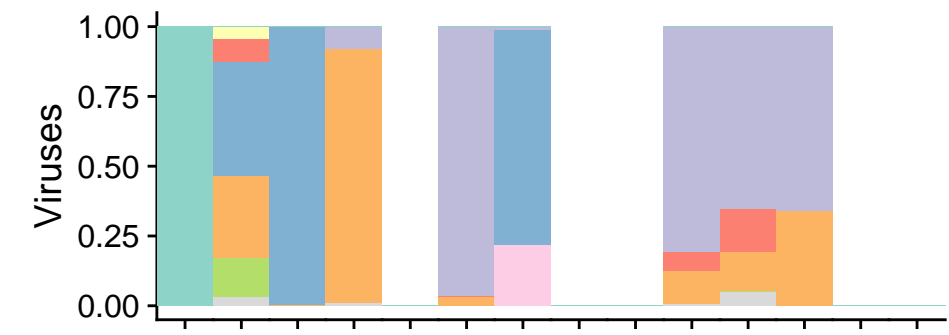
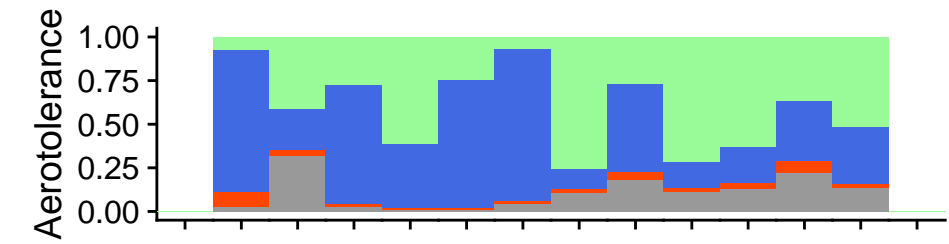
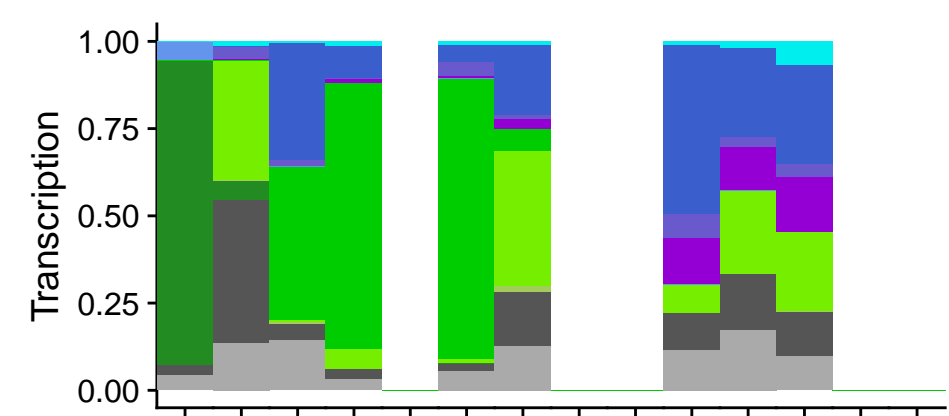
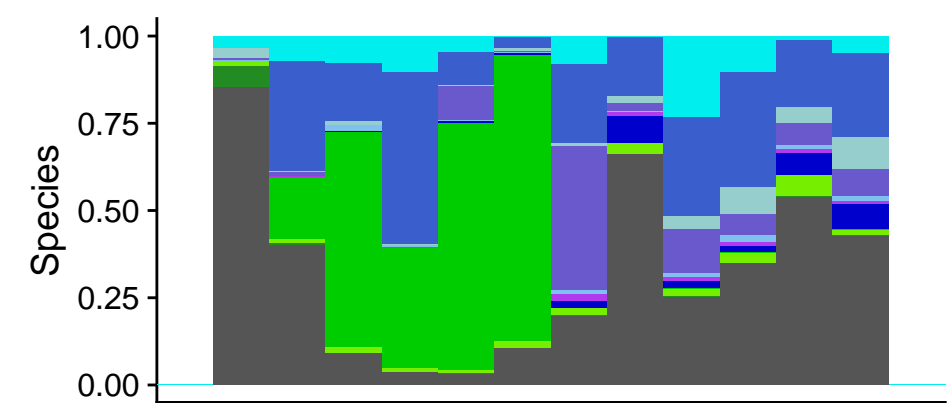
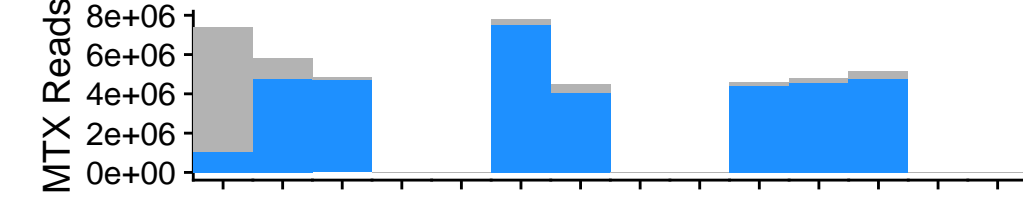
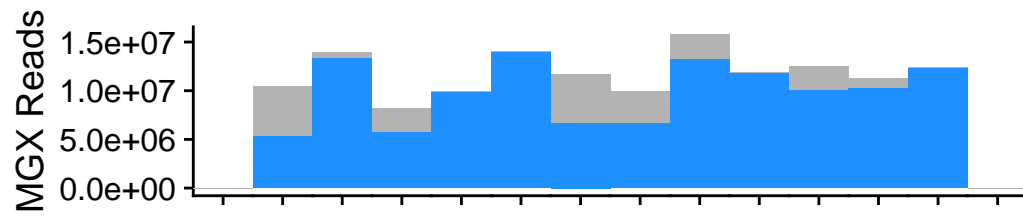
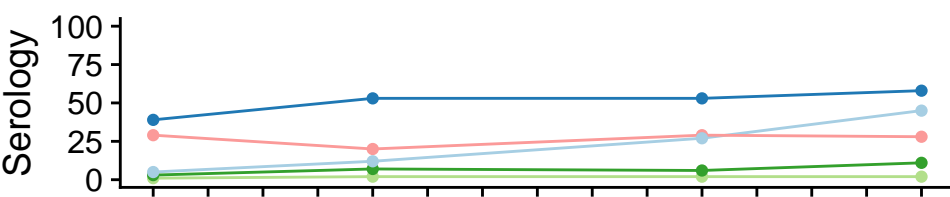
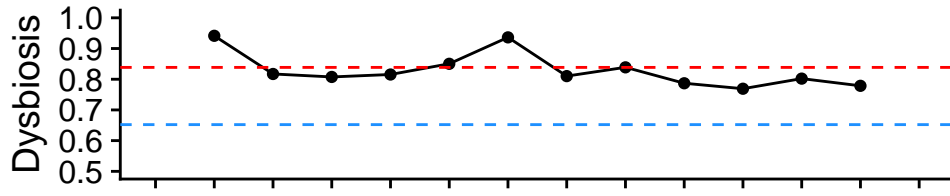
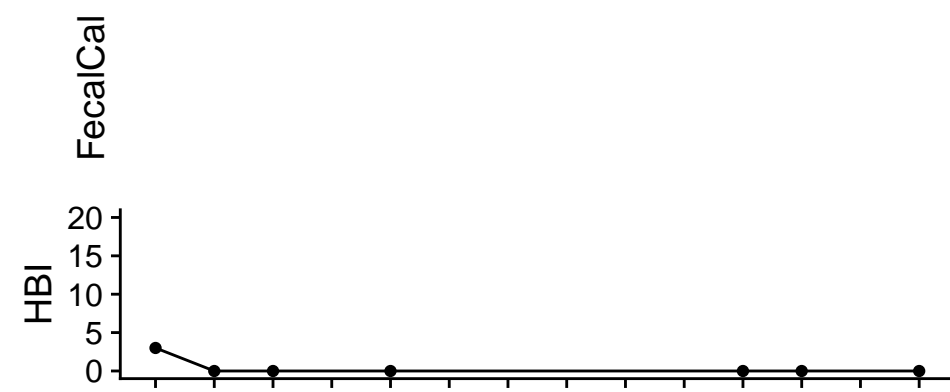
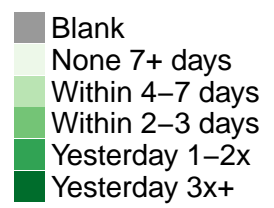
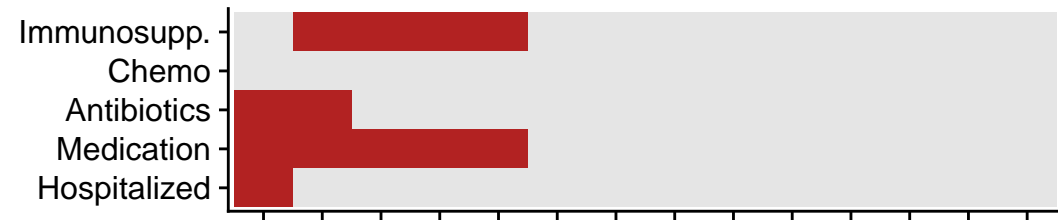
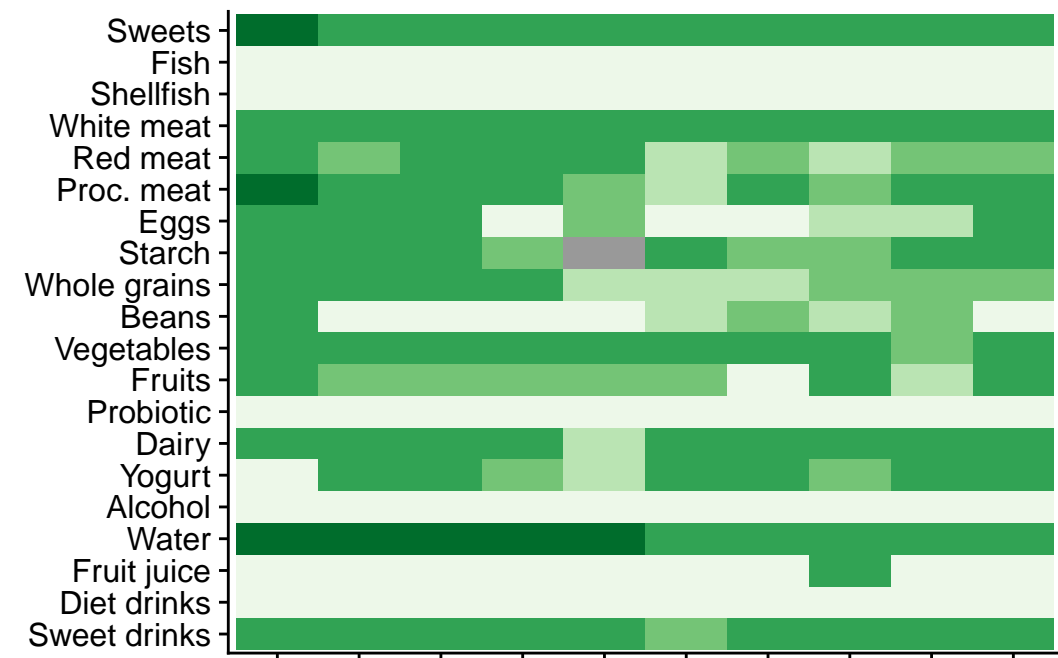
H4035: 16 Male White Cincinnati | UC



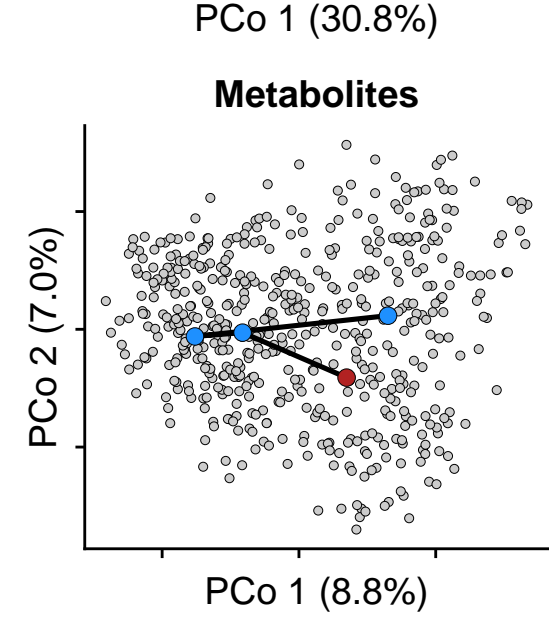
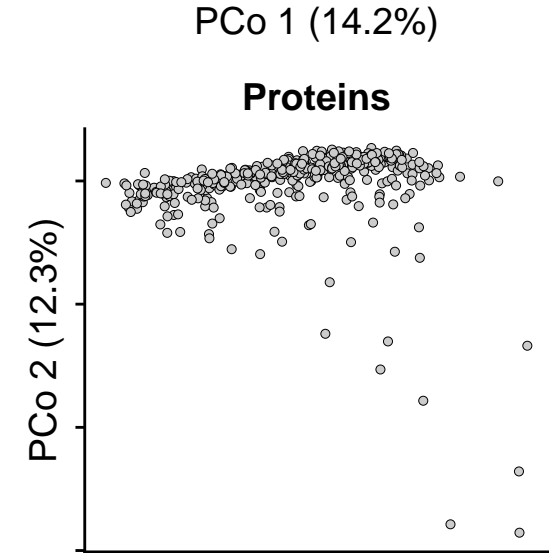
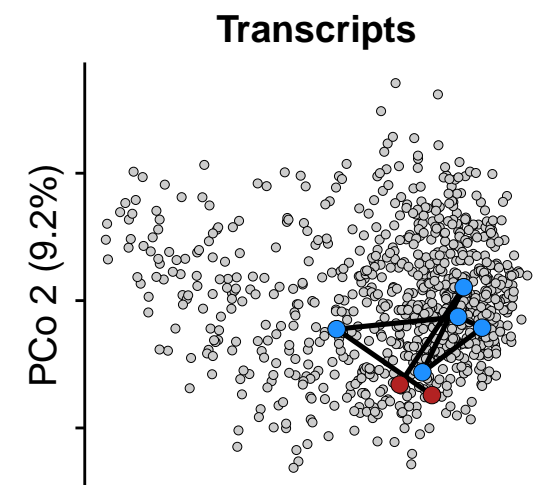
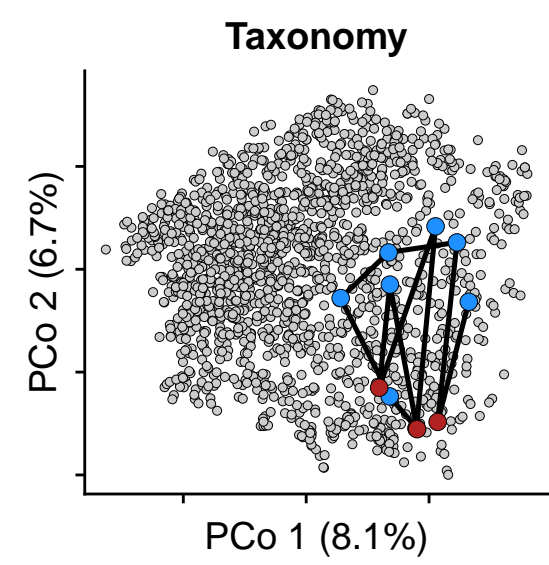
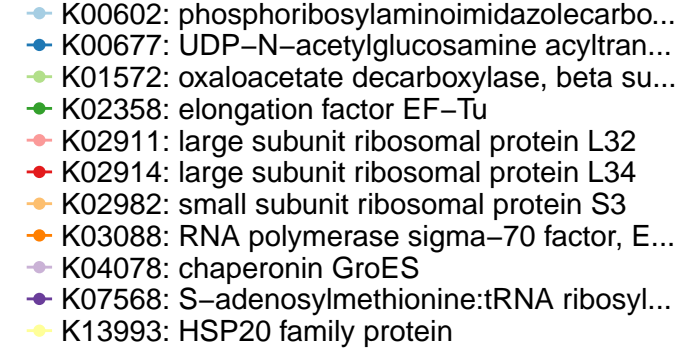
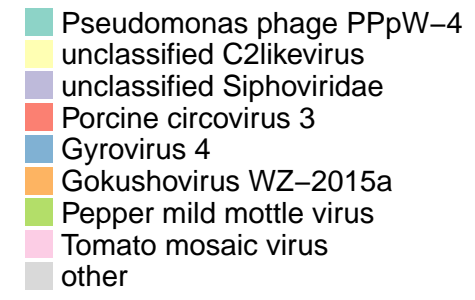
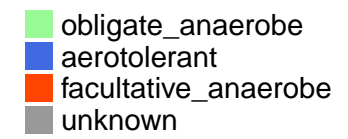
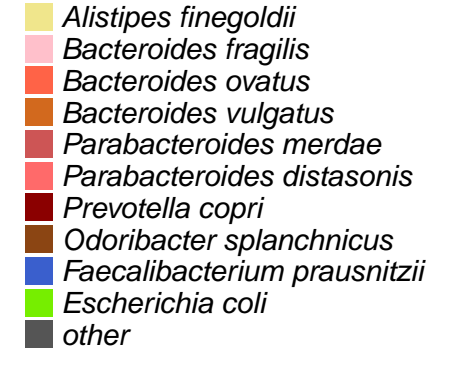
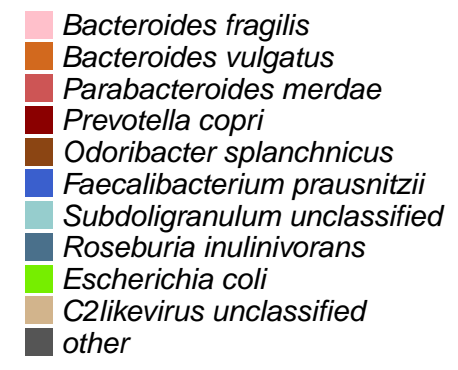
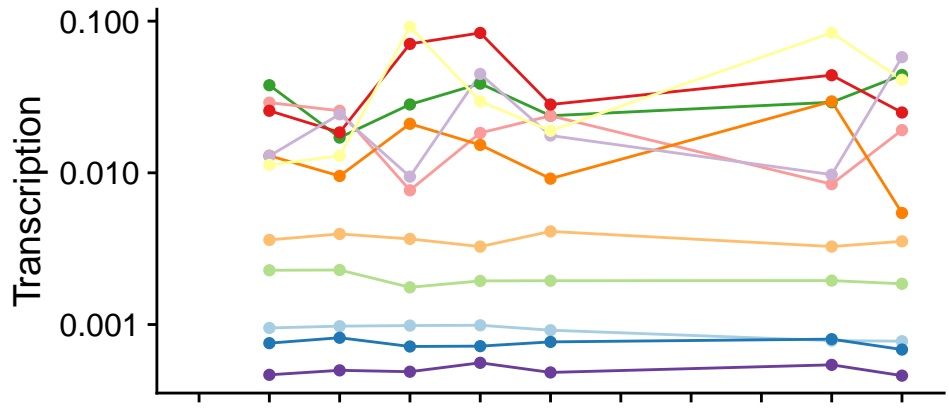
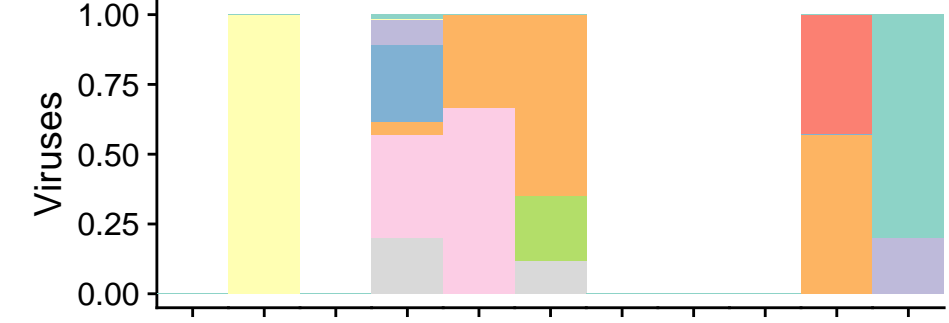
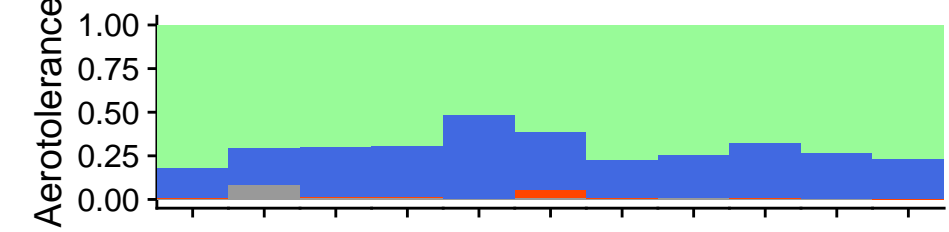
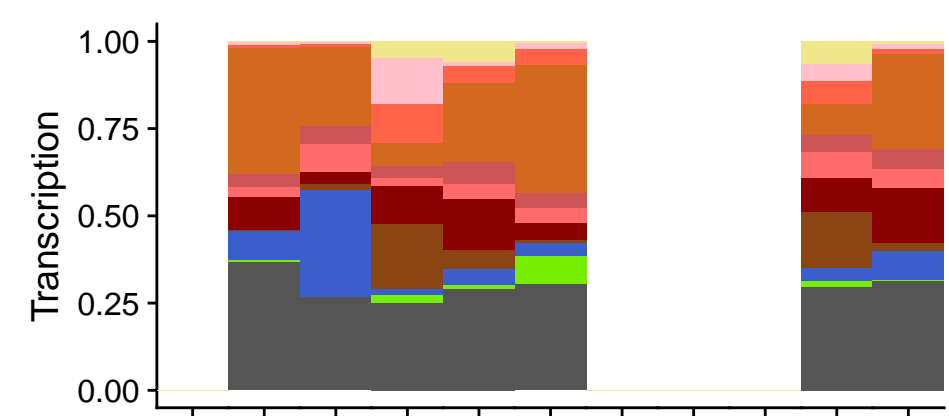
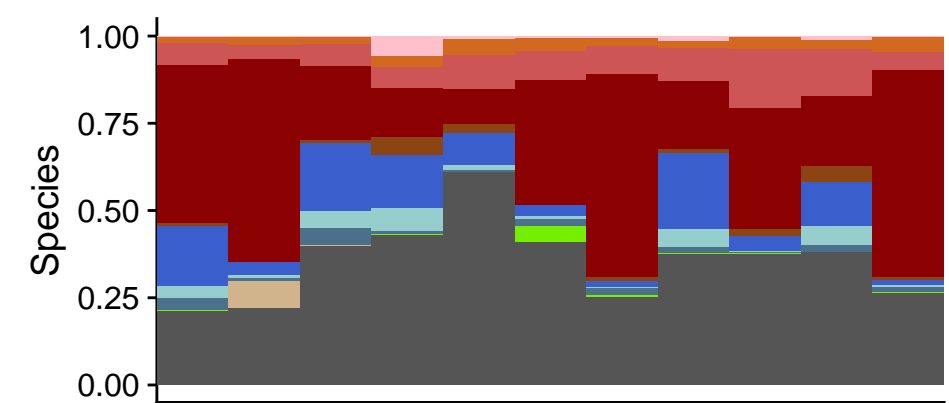
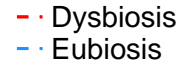
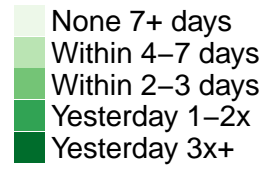
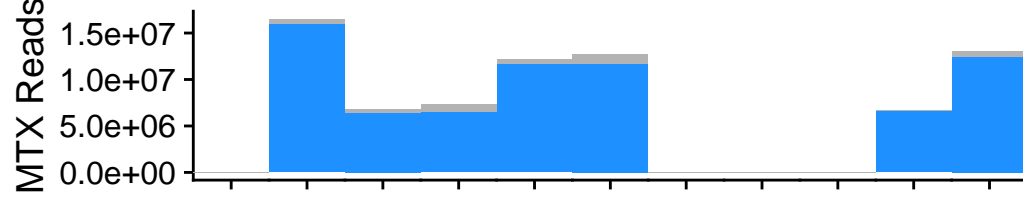
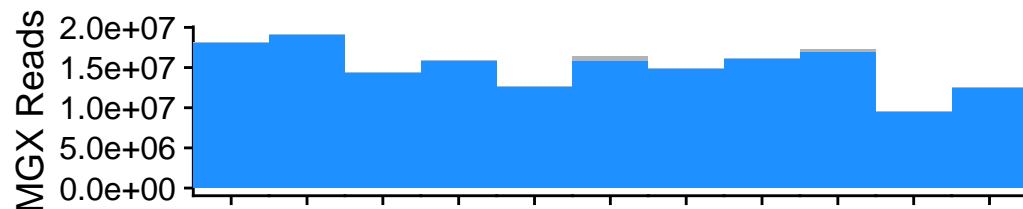
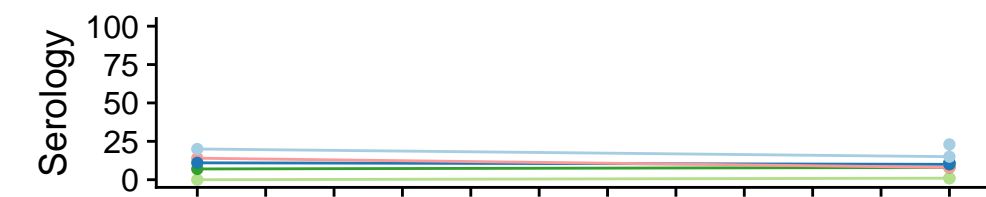
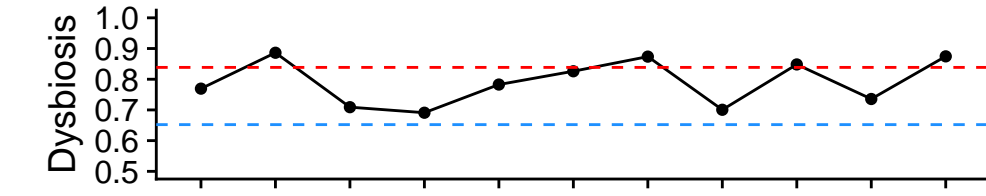
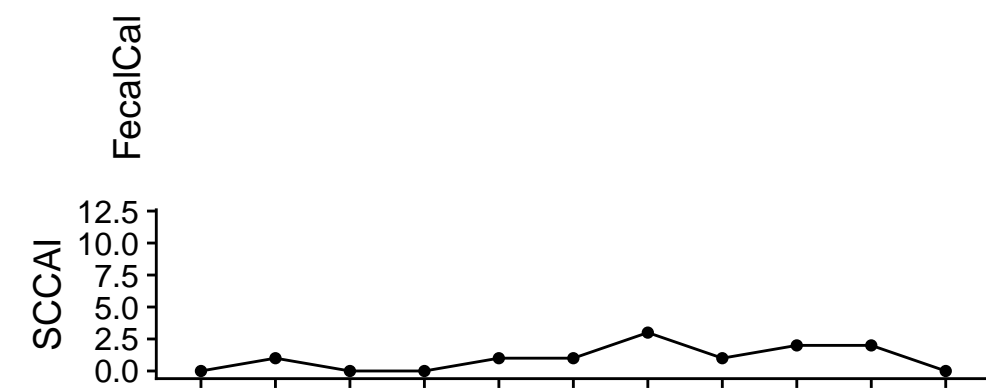
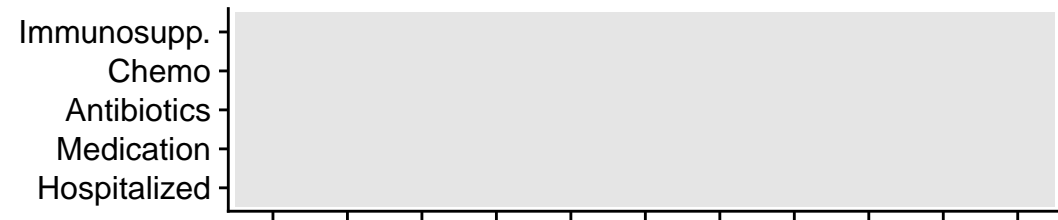
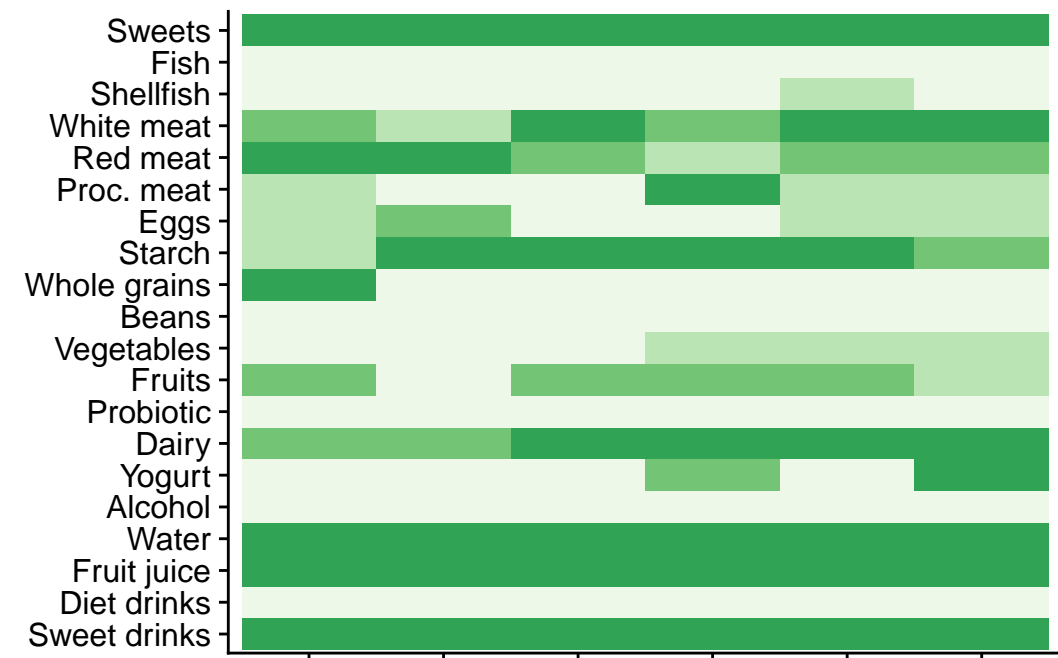
H4038: 15 Male White Cincinnati | CD L3



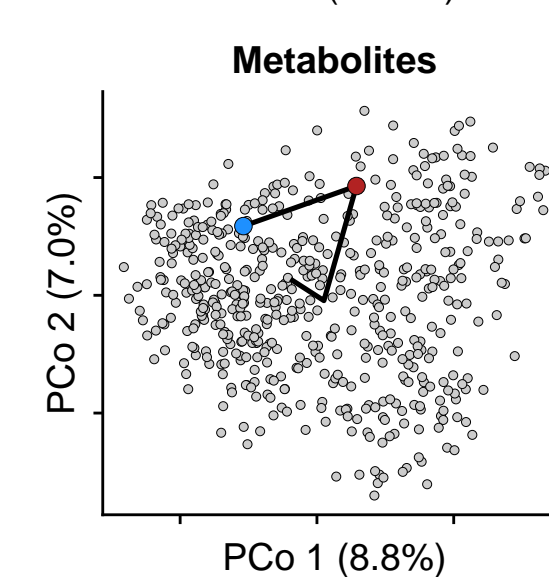
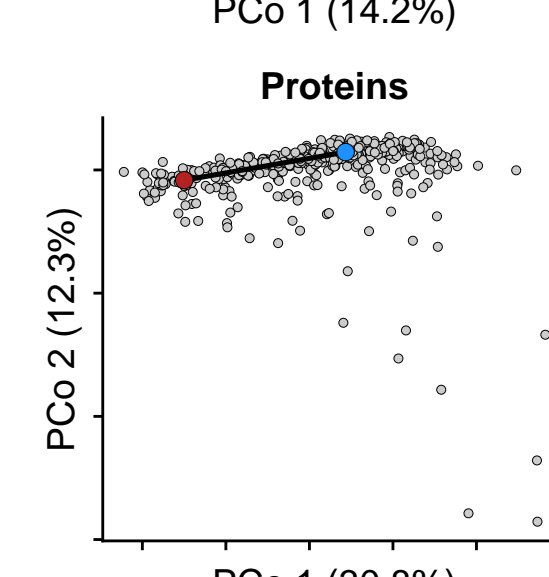
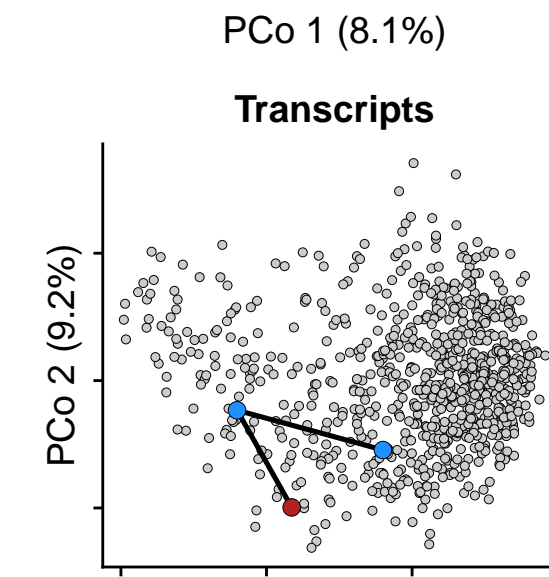
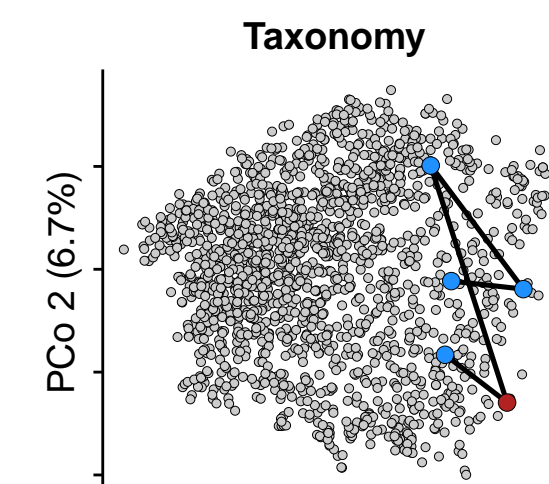
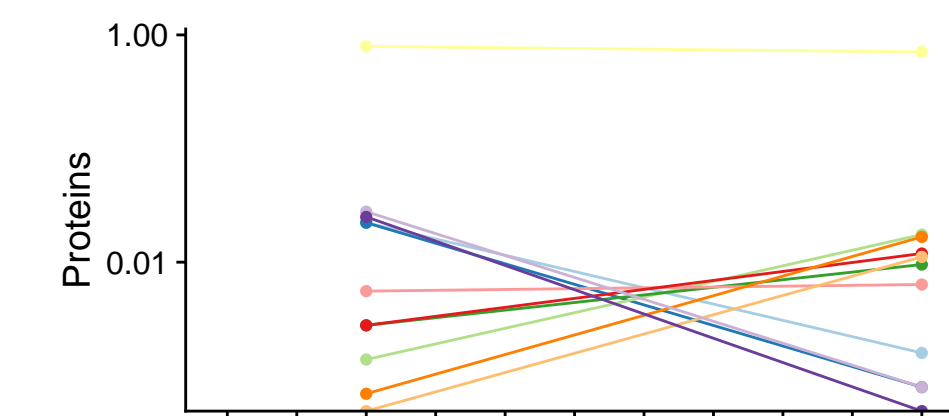
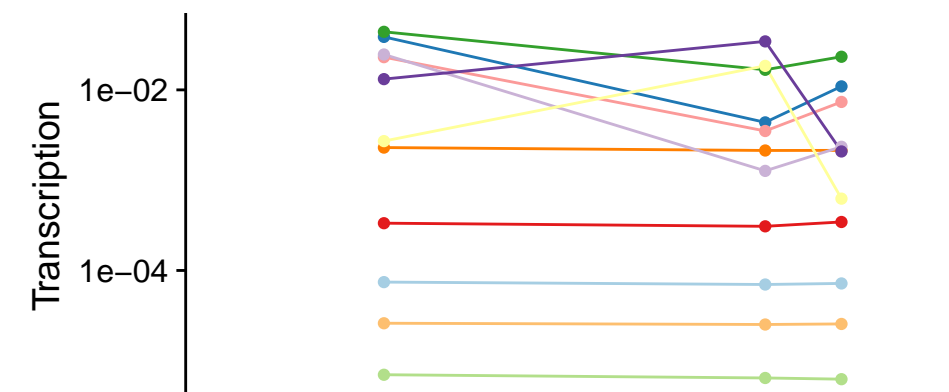
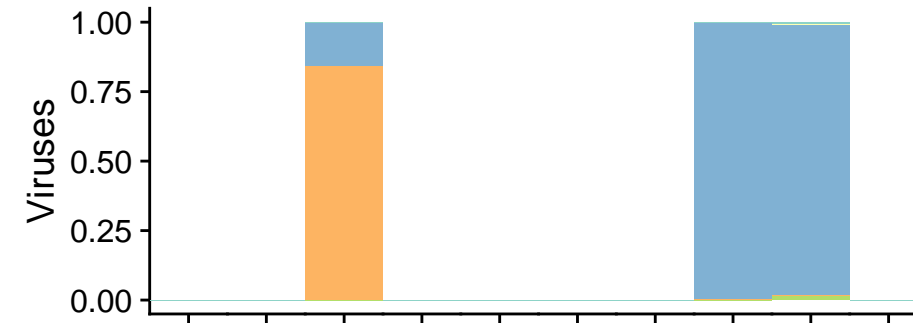
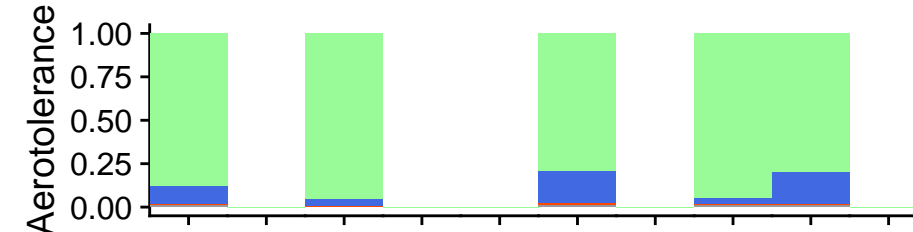
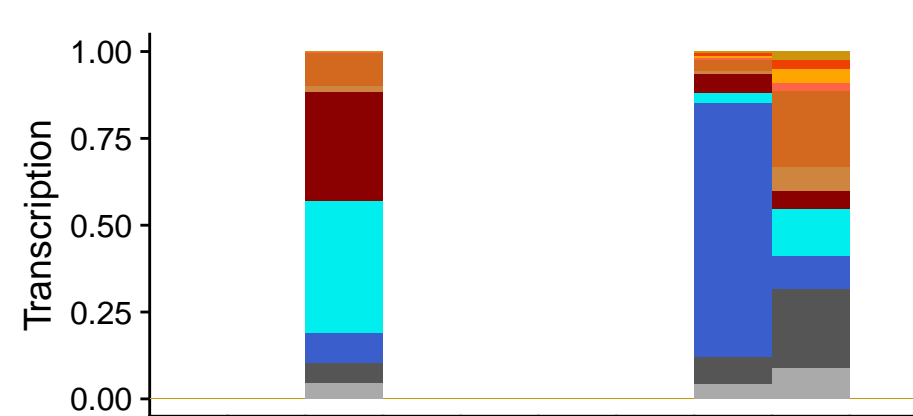
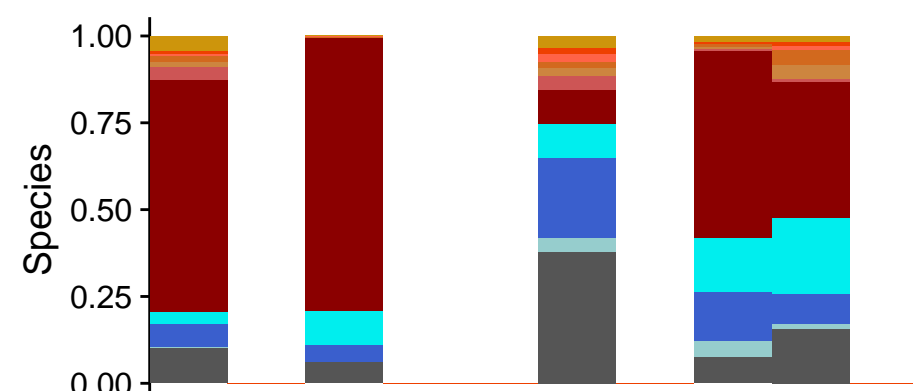
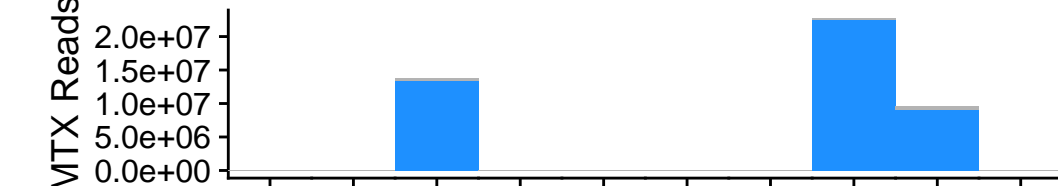
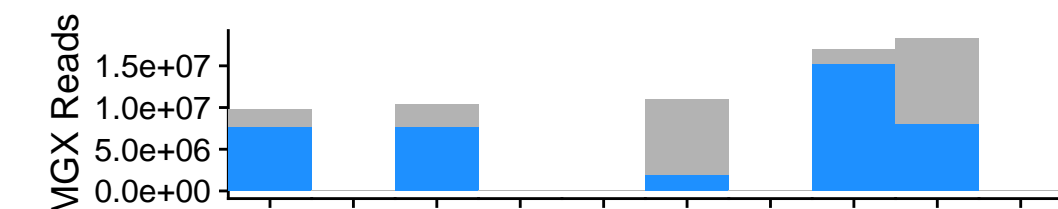
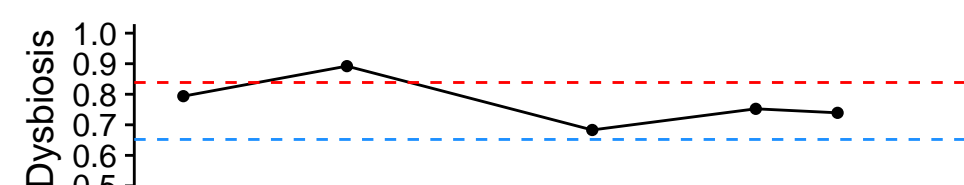
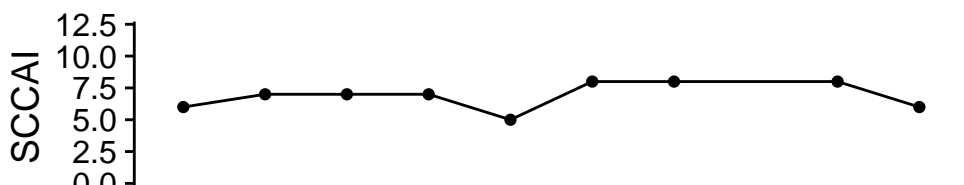
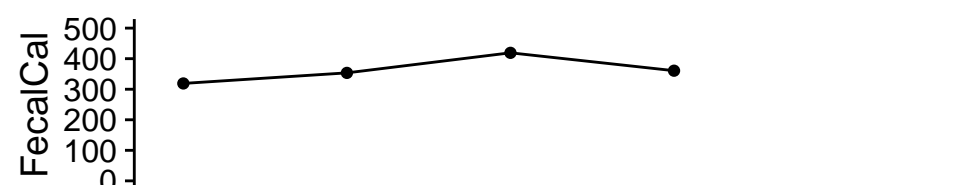
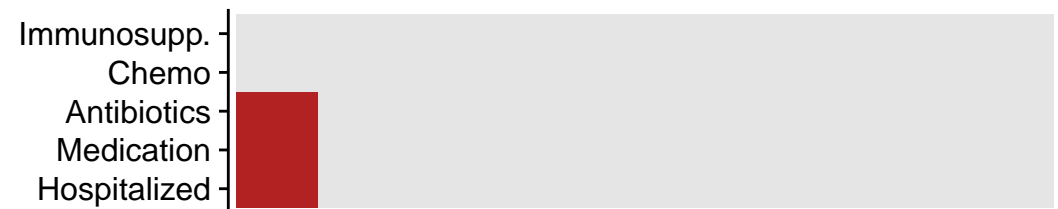
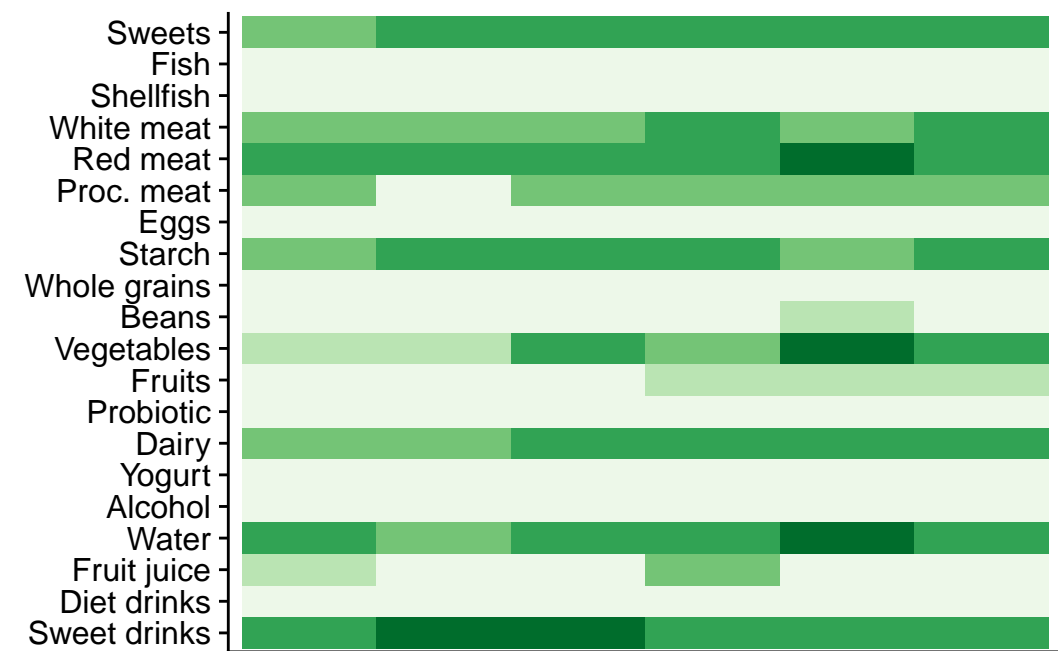
H4039: 12 Female White Cincinnati | CD L3



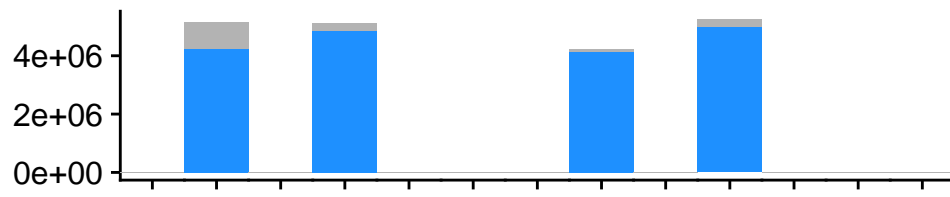
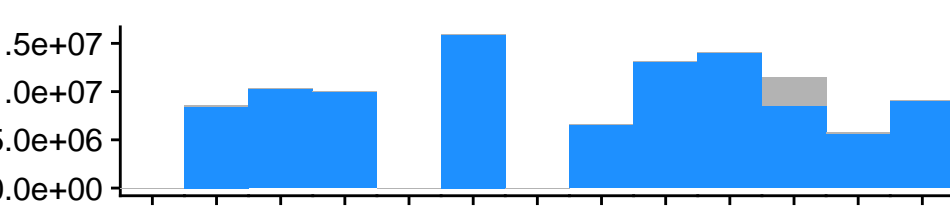
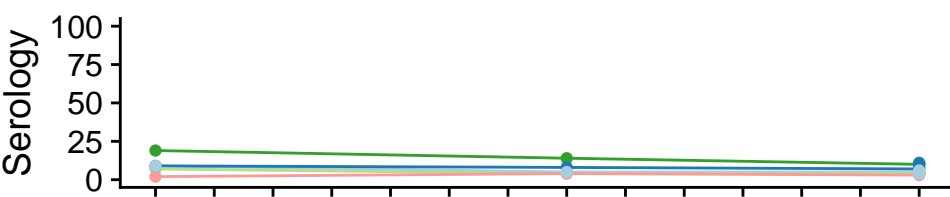
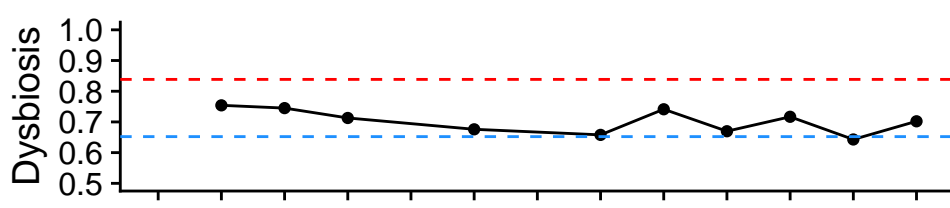
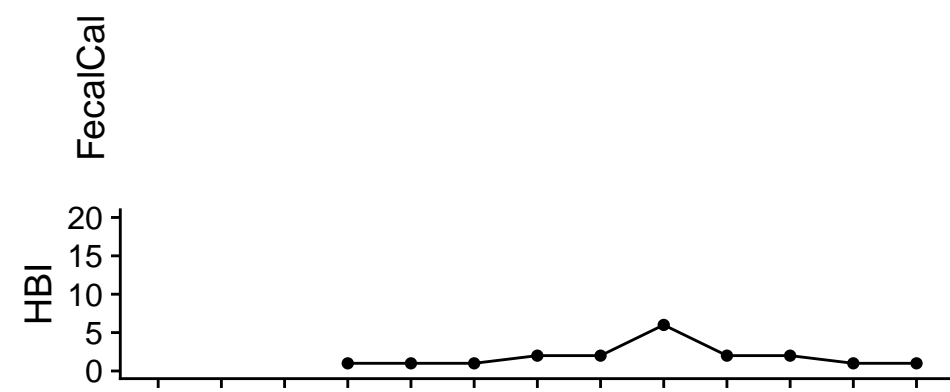
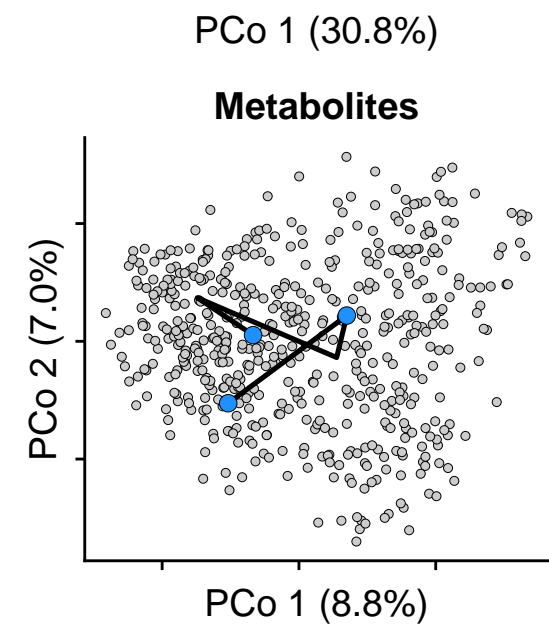
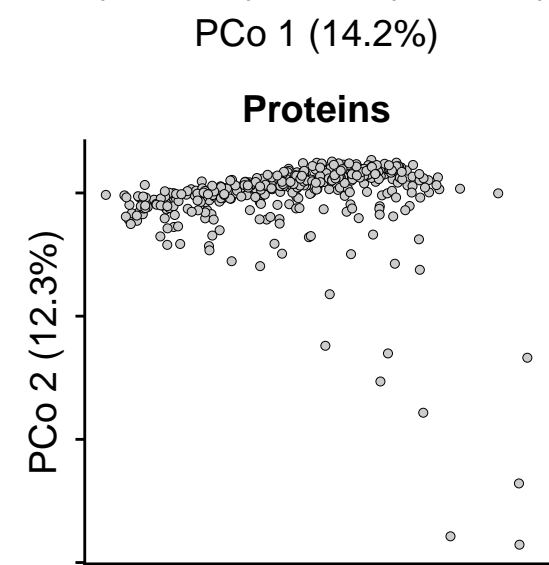
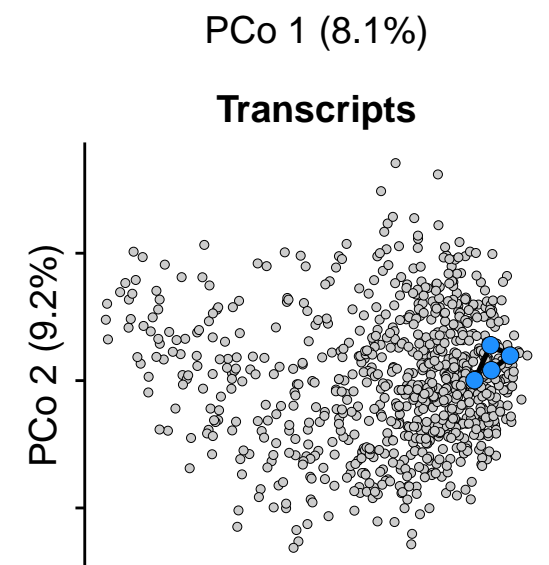
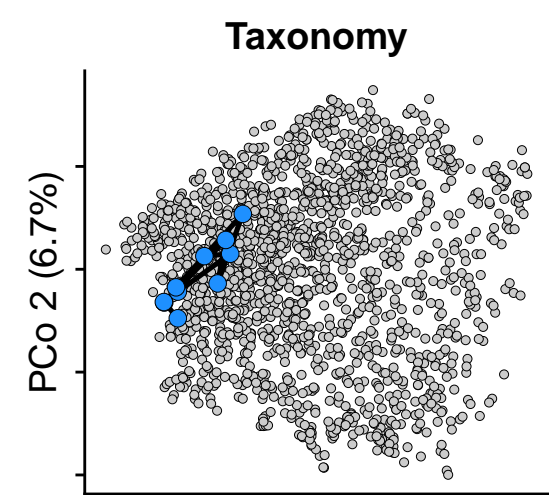
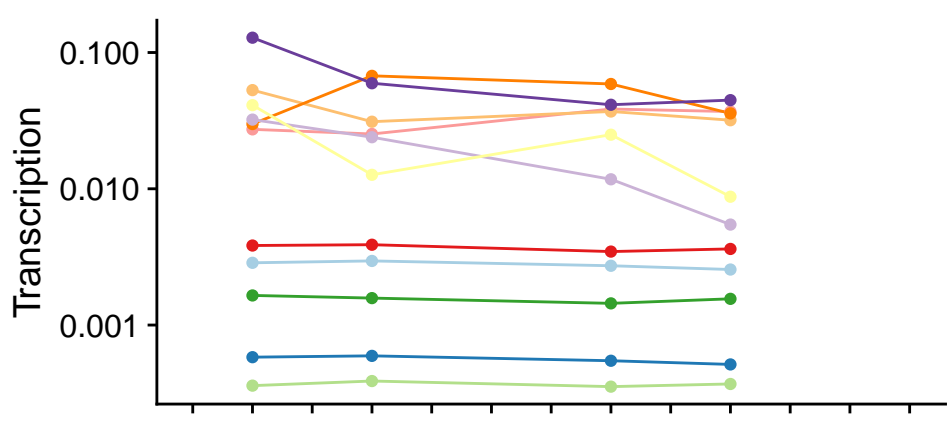
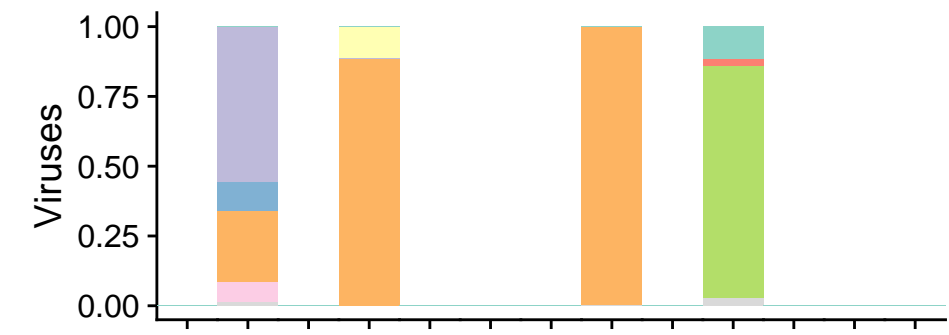
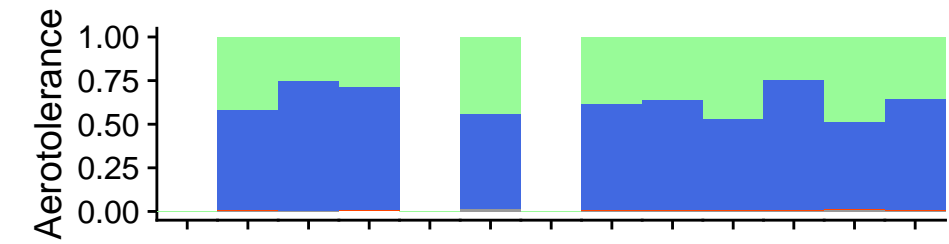
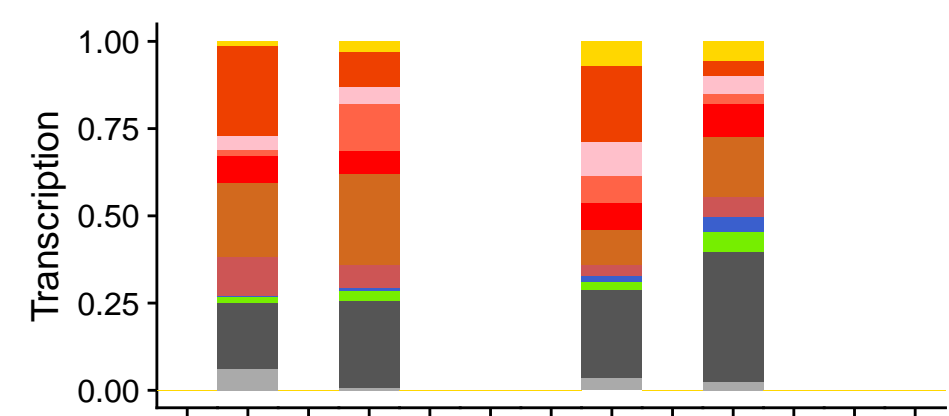
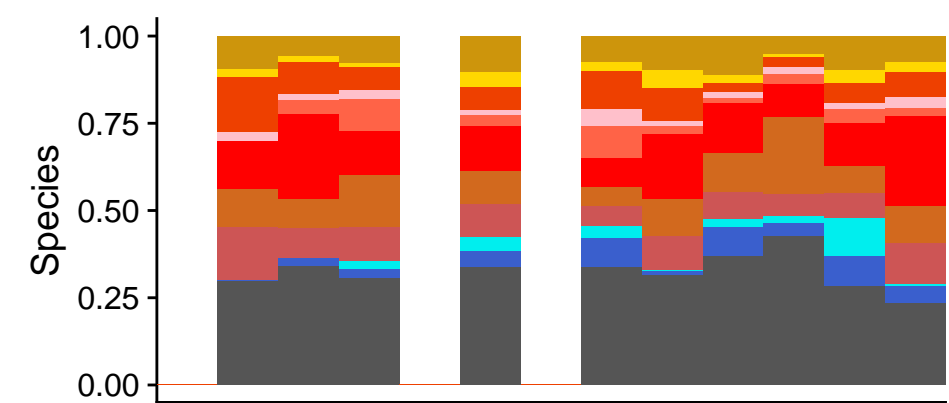
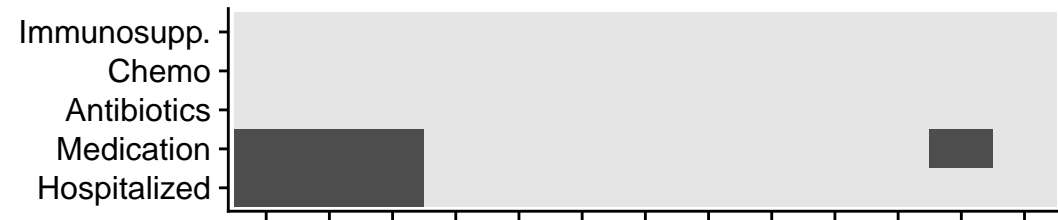
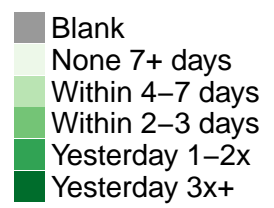
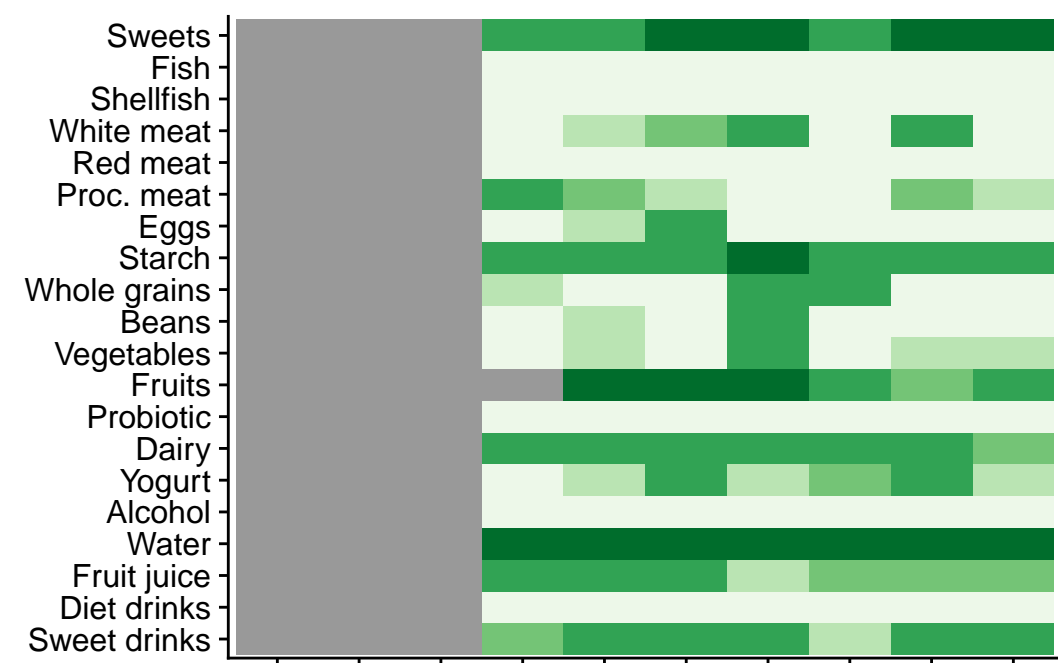
H4040: 17 Female White Cincinnati | UC



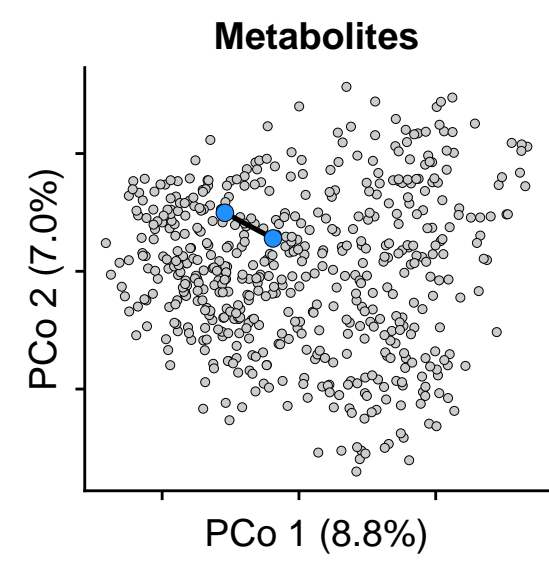
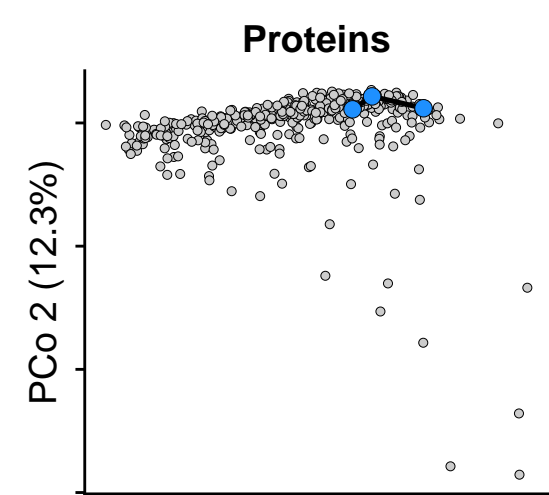
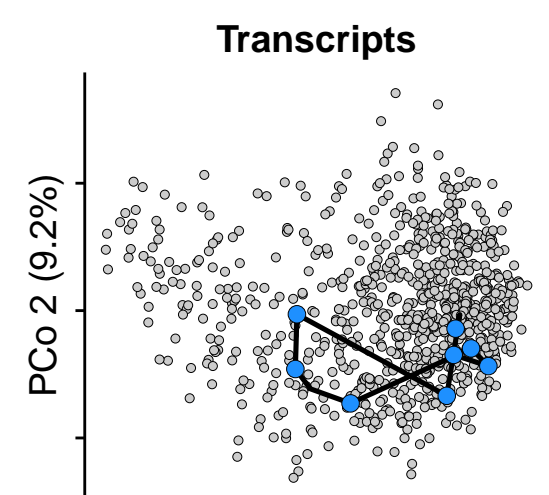
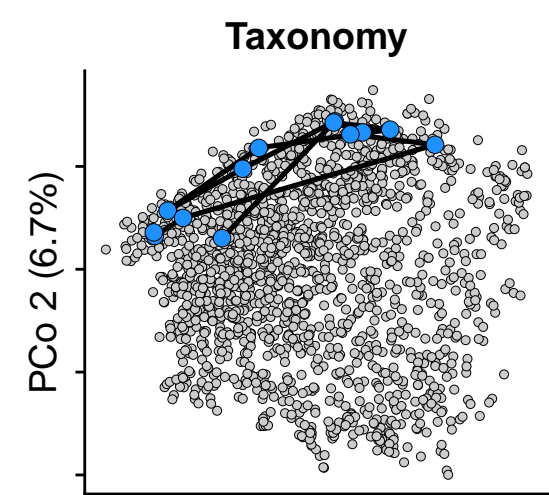
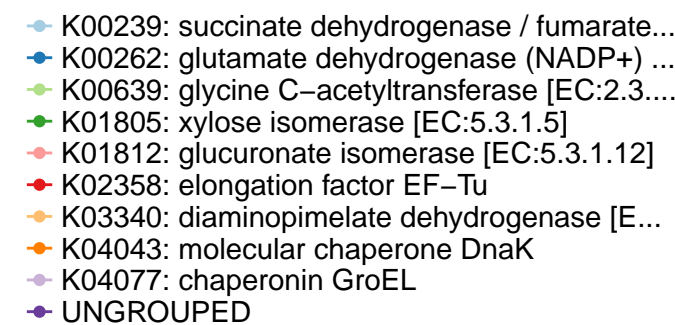
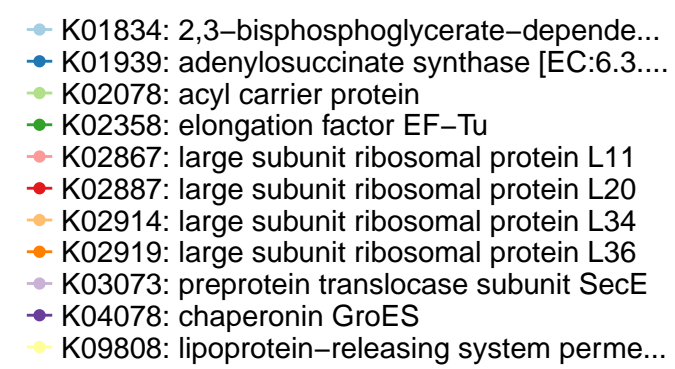
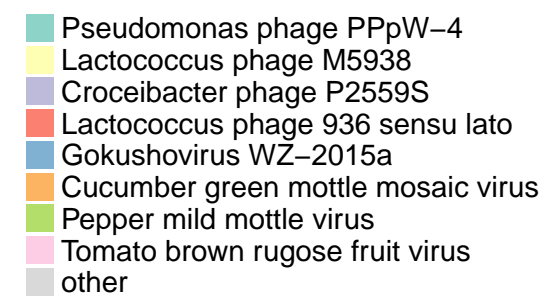
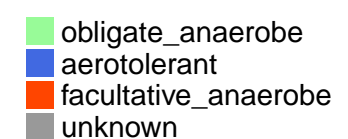
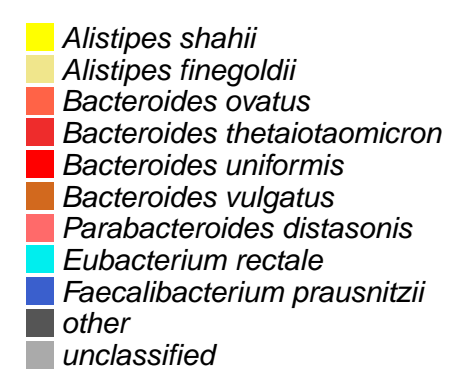
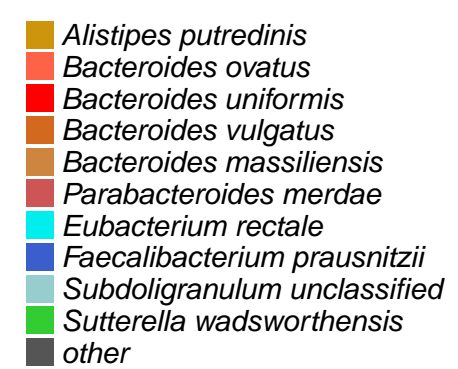
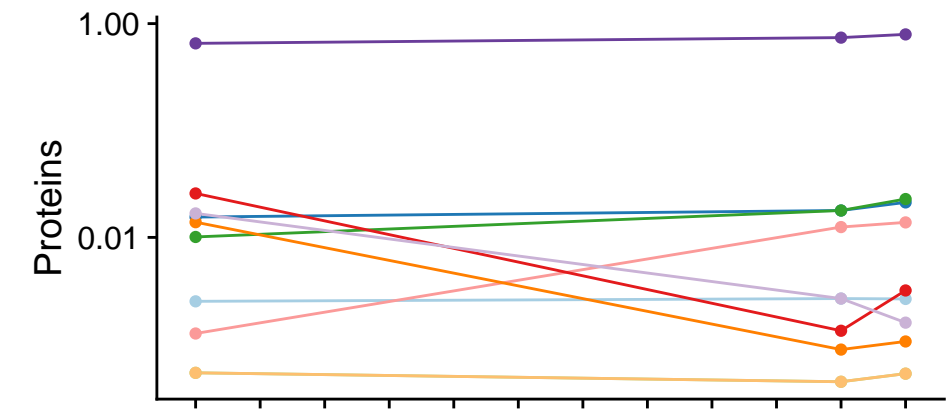
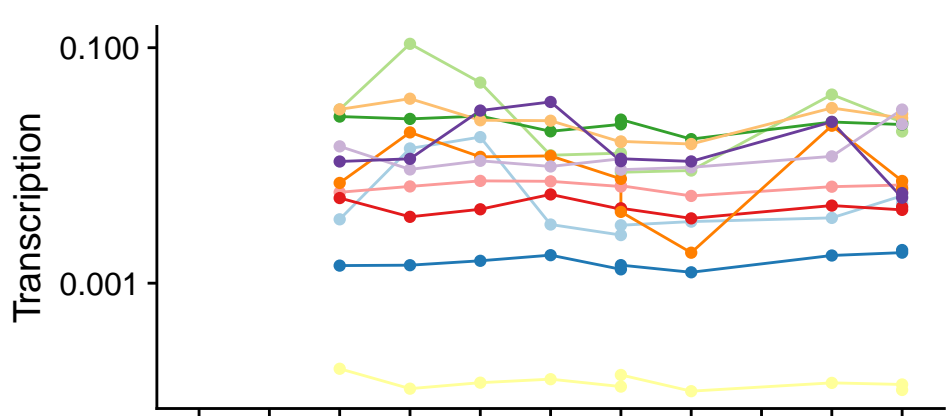
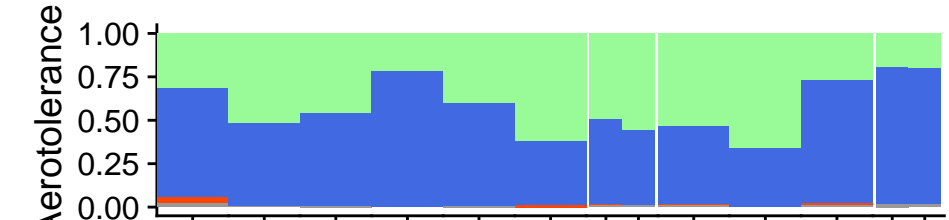
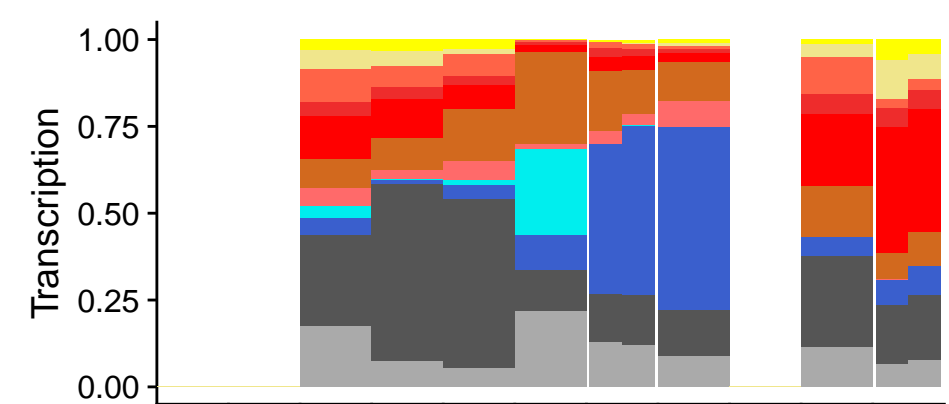
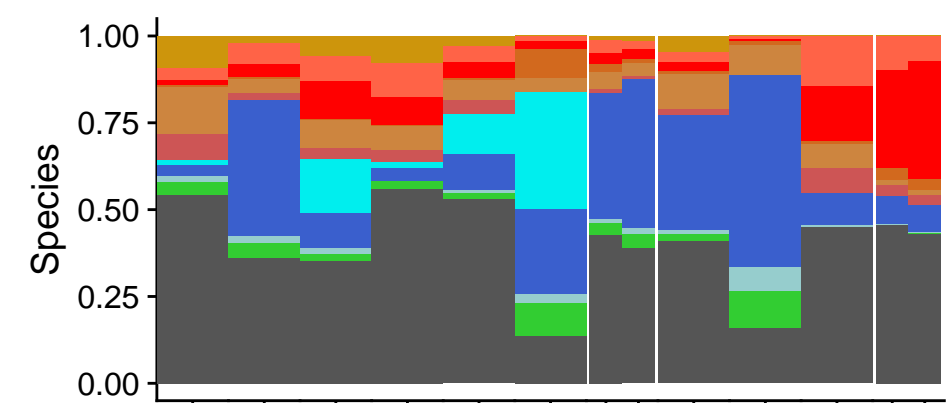
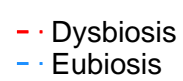
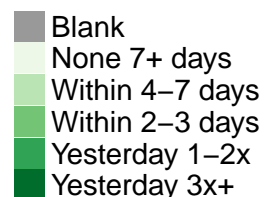
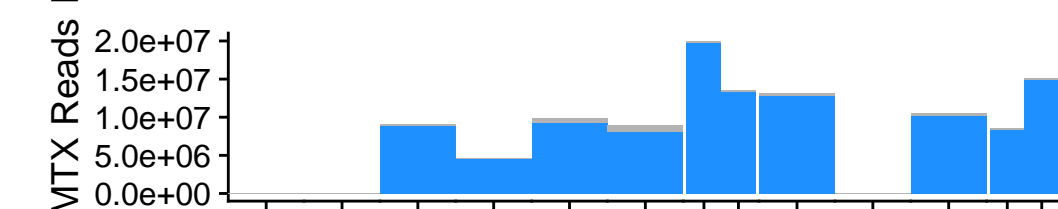
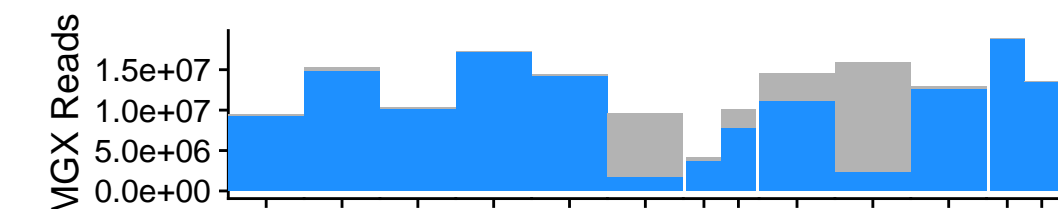
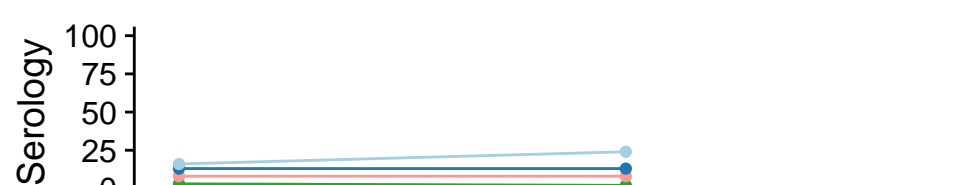
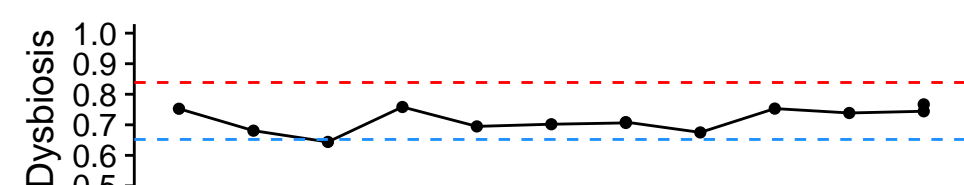
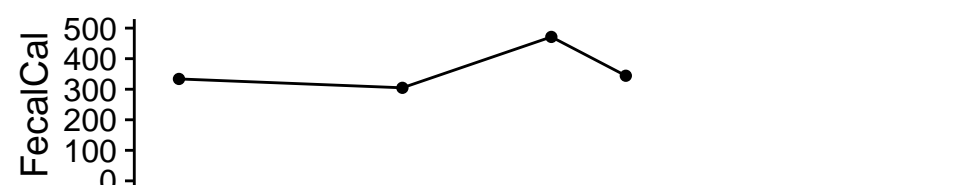
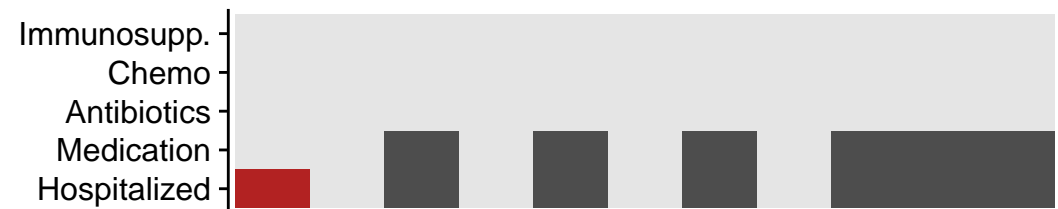
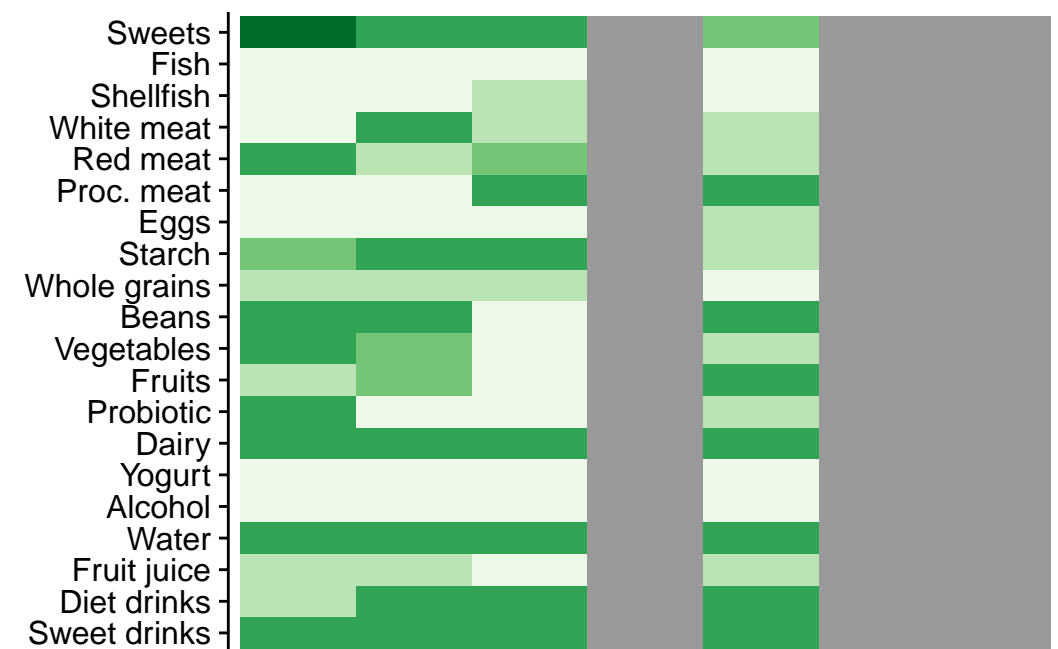
H4042: 15 Male White Cincinnati | UC



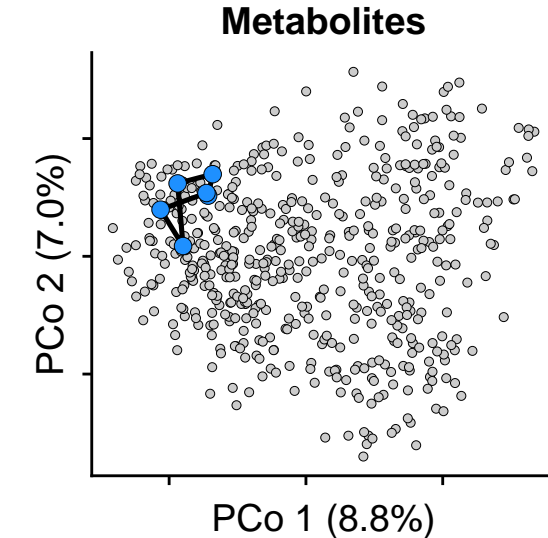
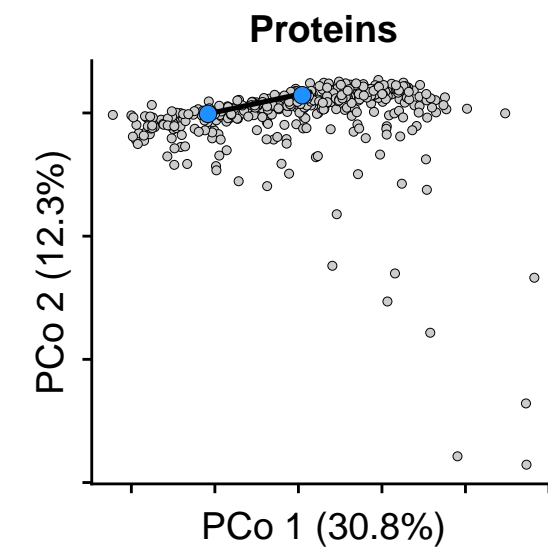
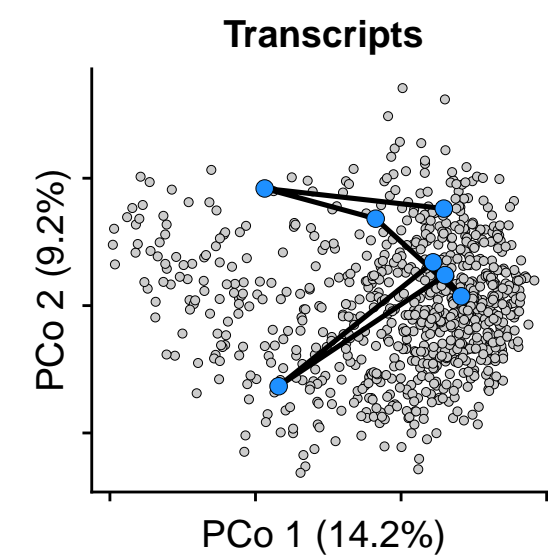
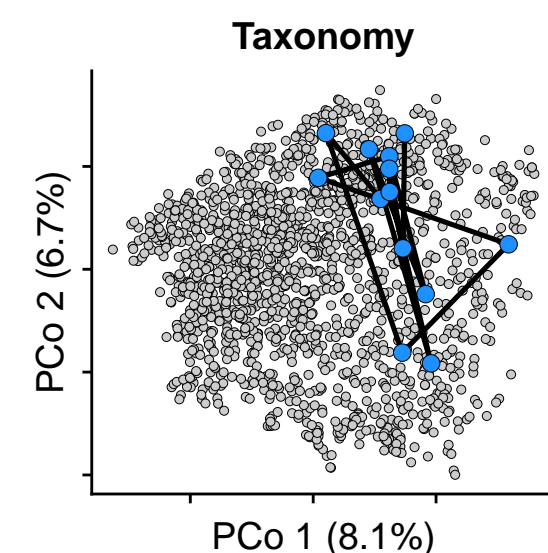
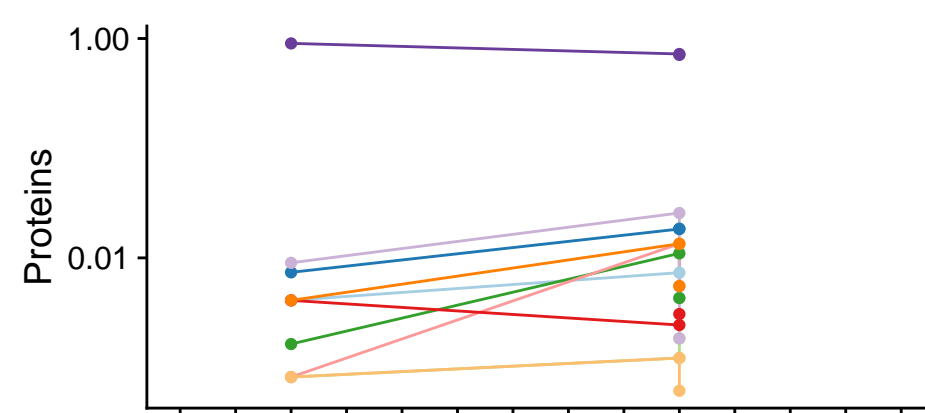
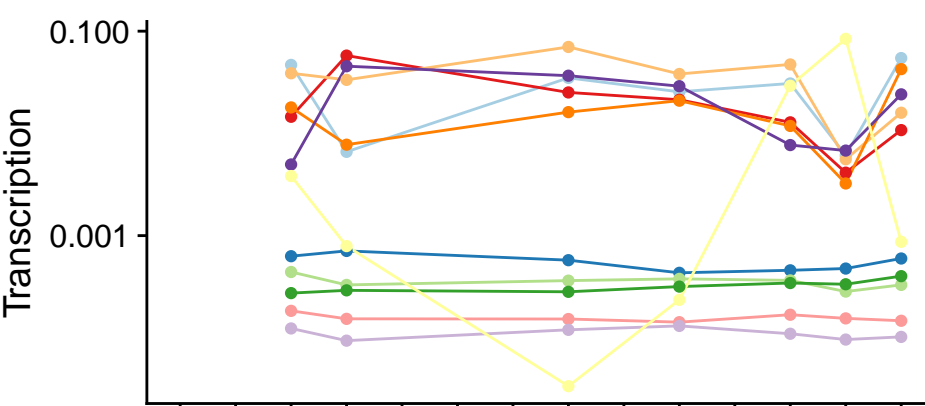
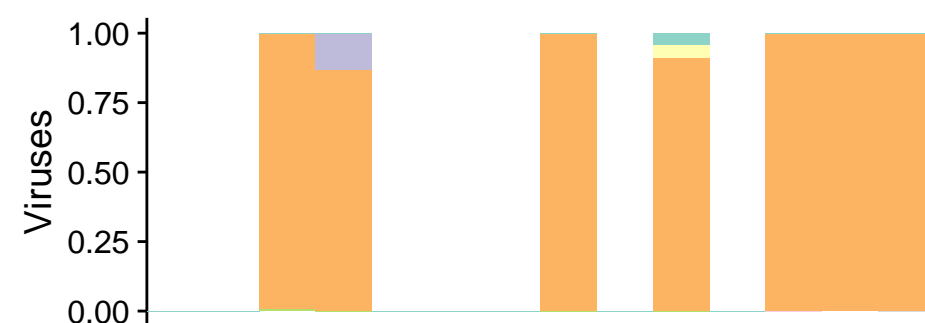
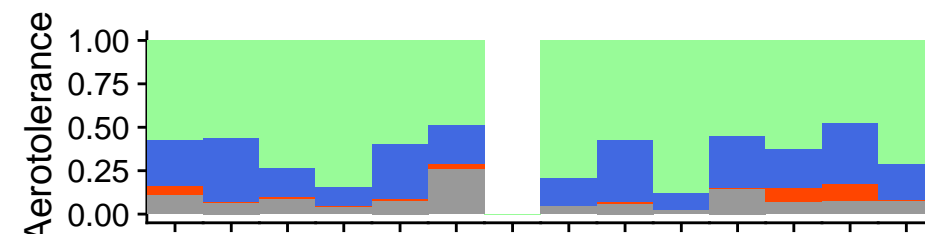
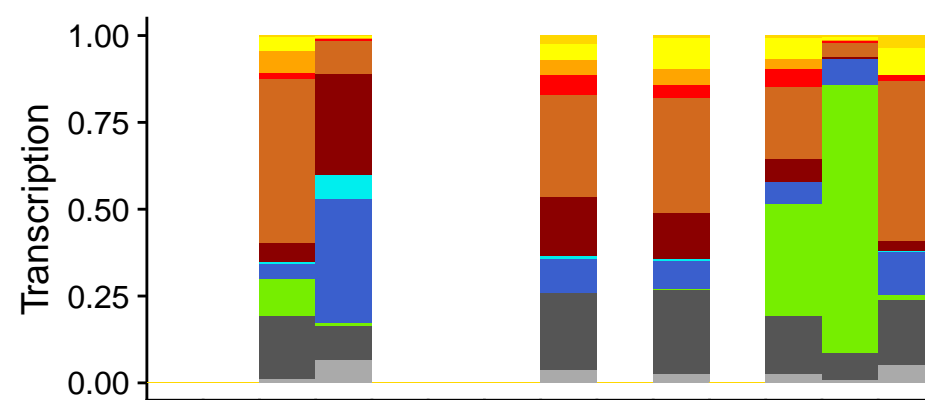
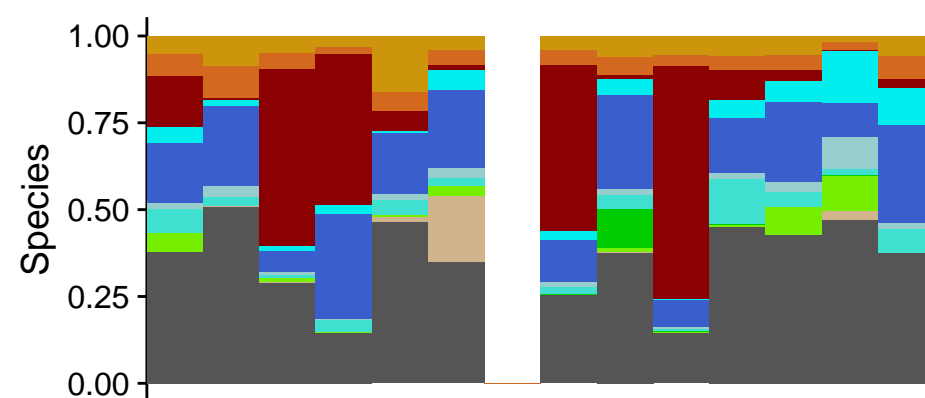
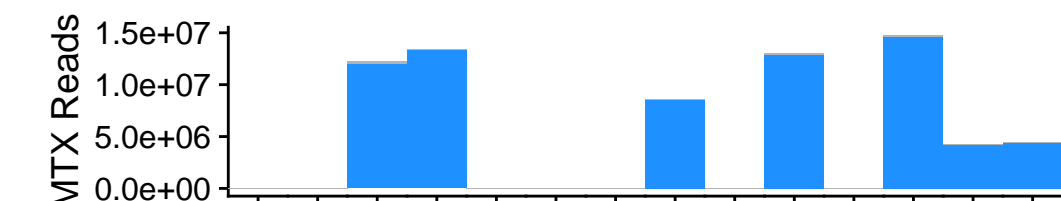
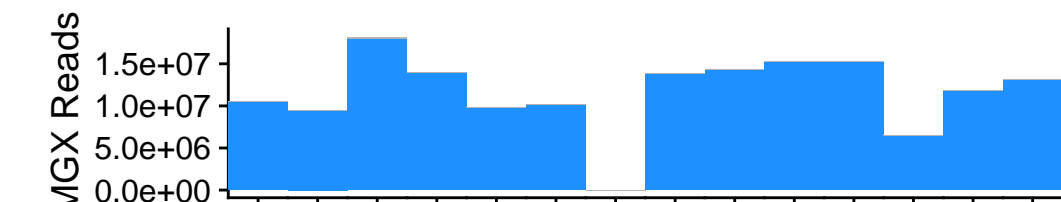
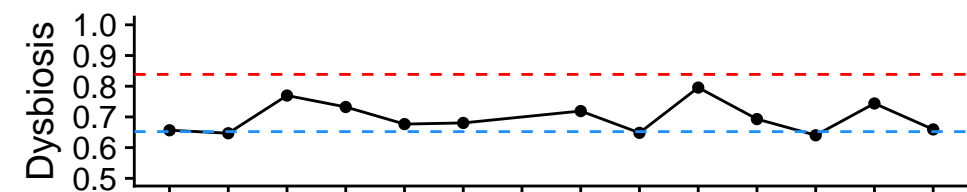
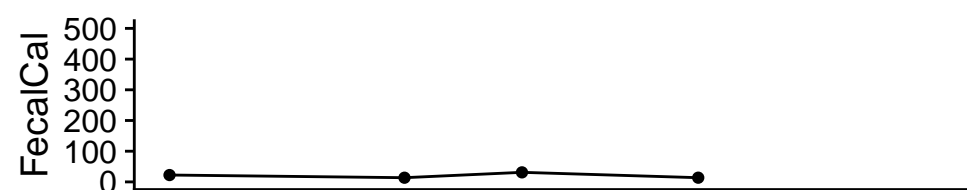
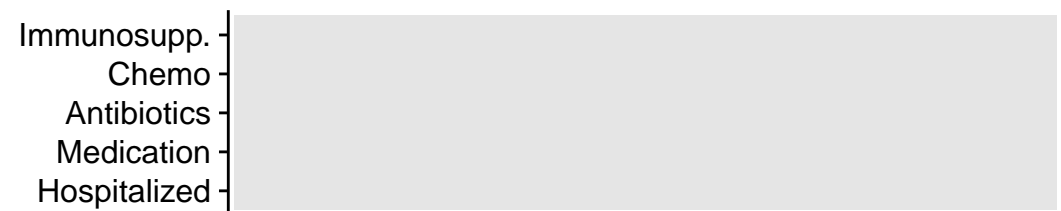
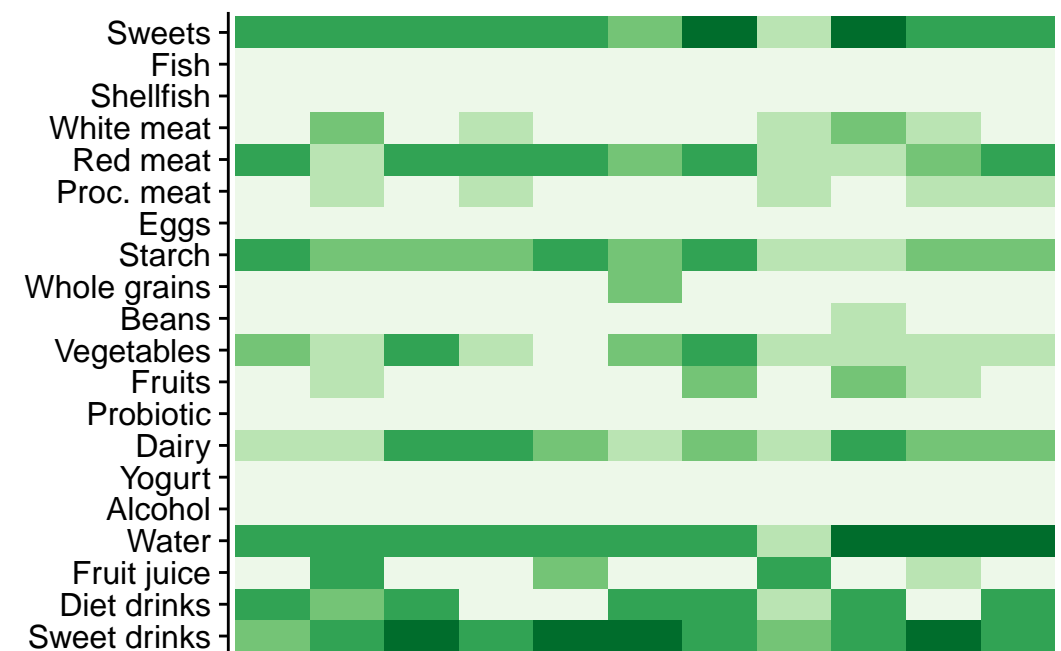
H4043: 14 Female White Cincinnati | CD L3



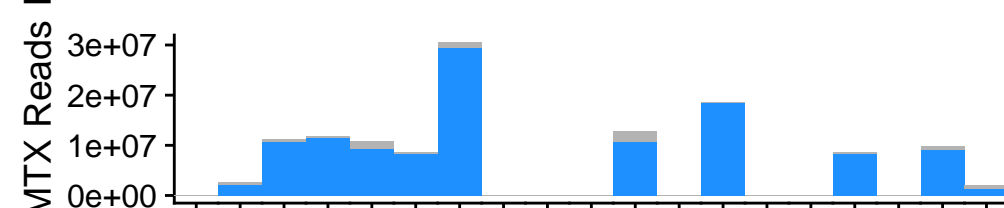
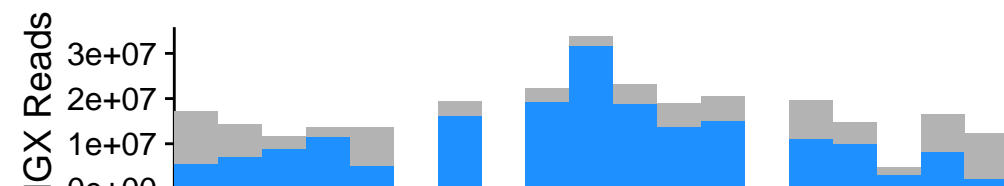
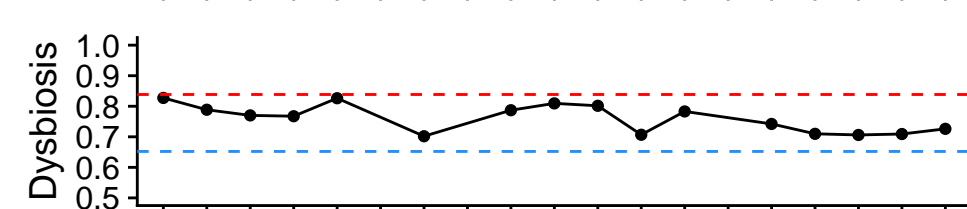
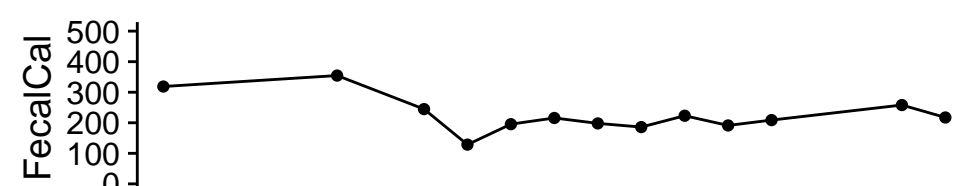
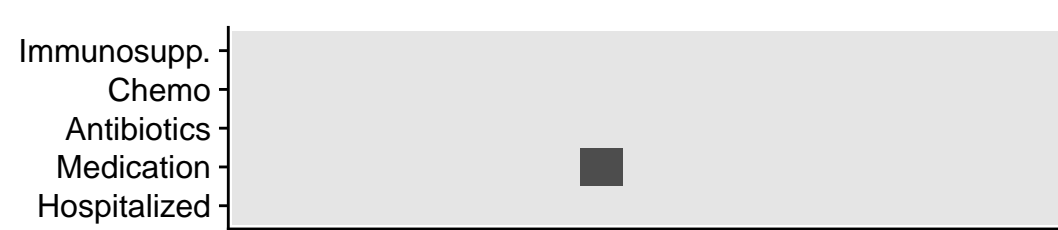
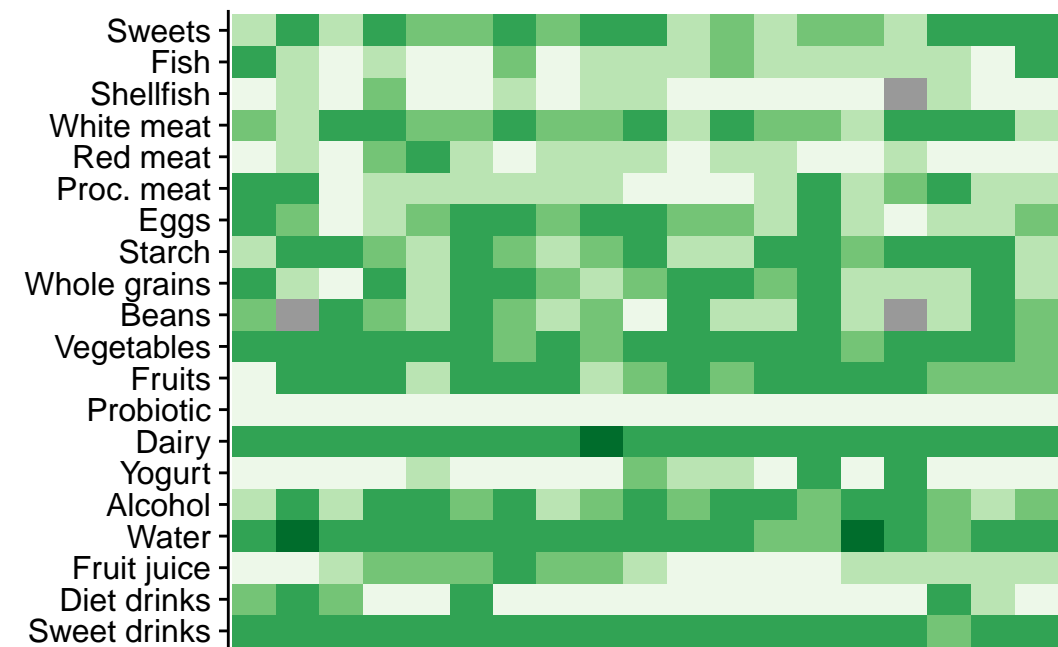
H4044: 16 Male White Cincinnati | UC



H4045: 14 Female White Cincinnati | nonIBD



M2008: 30 Female White MGH | CD



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

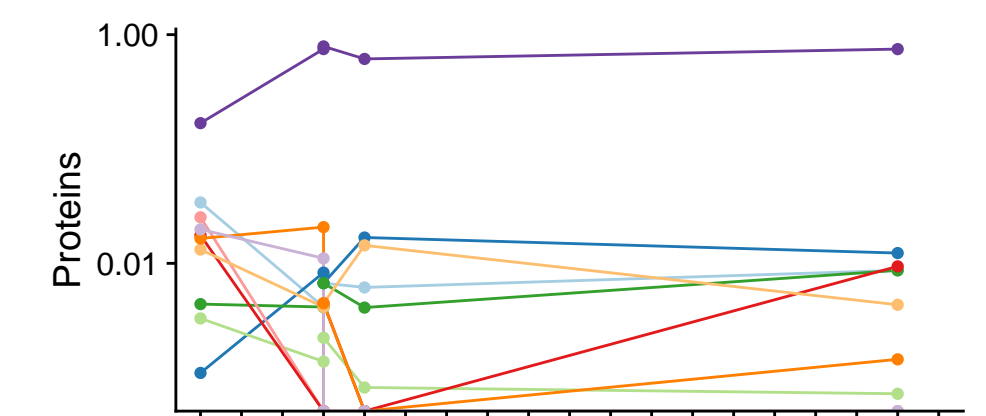
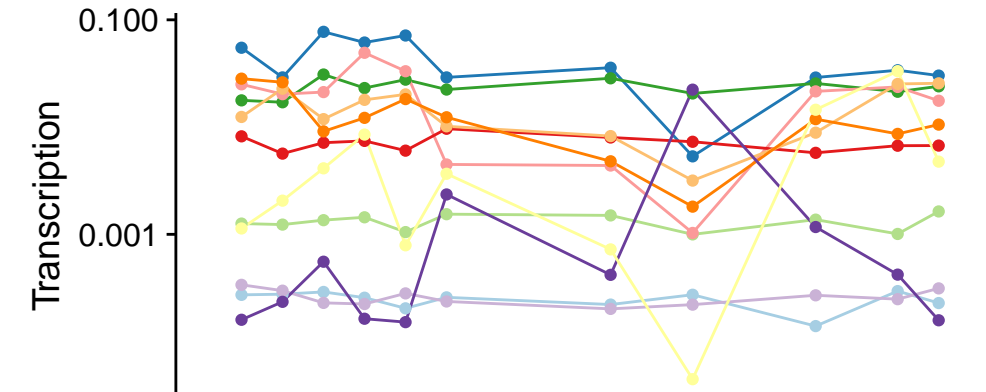
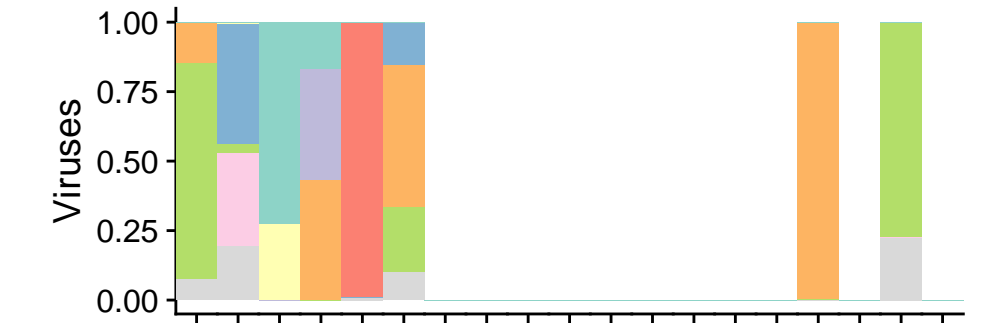
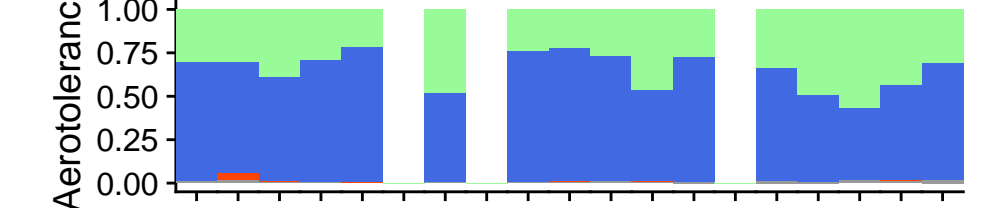
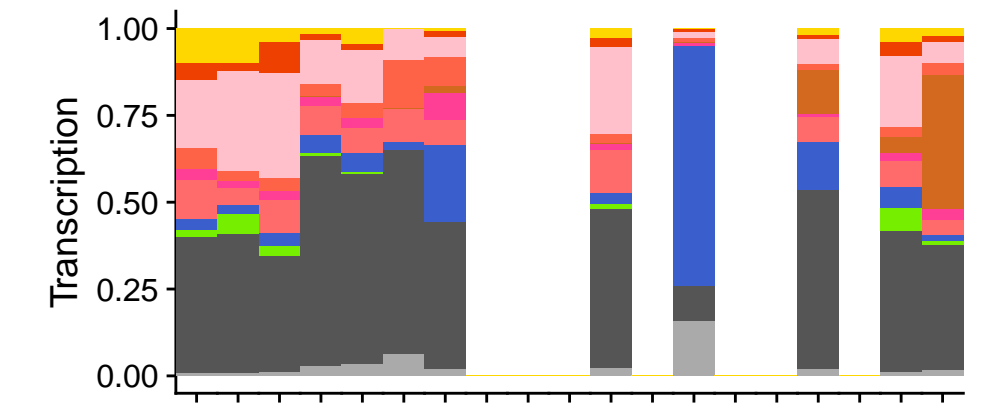
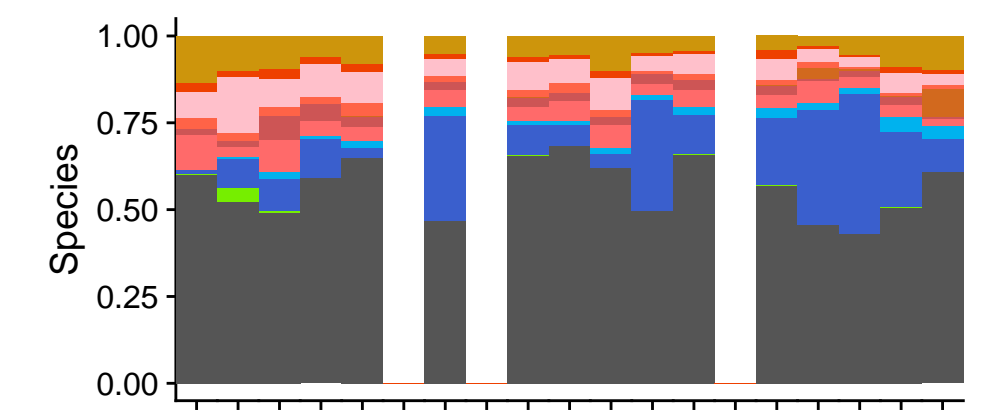
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides vulgatus
Parabacteroides merdae
Parabacteroides distasonis
Eubacterium siraeum
Faecalibacterium prausnitzii
Escherichia coli
other

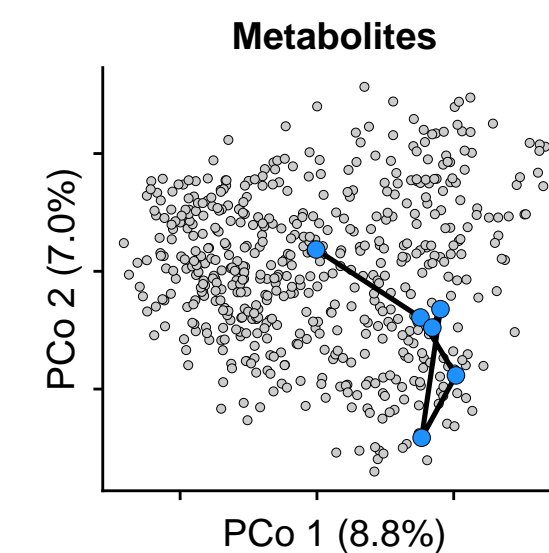
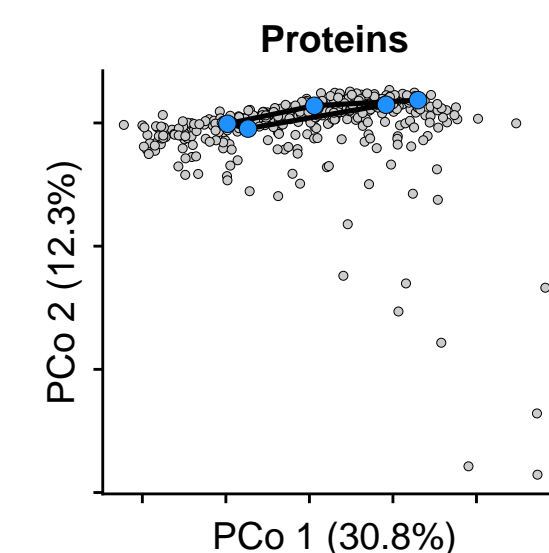
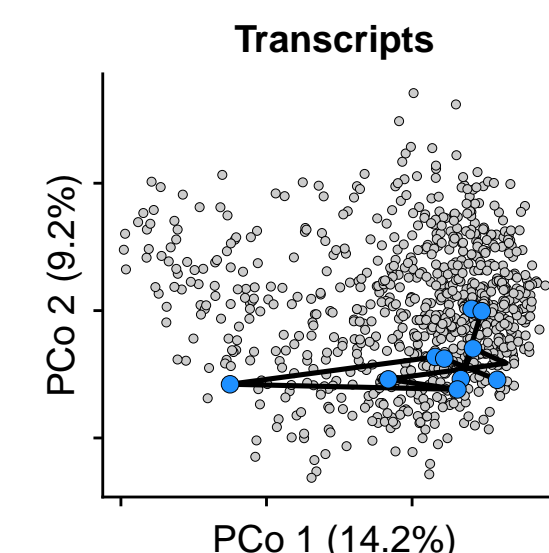
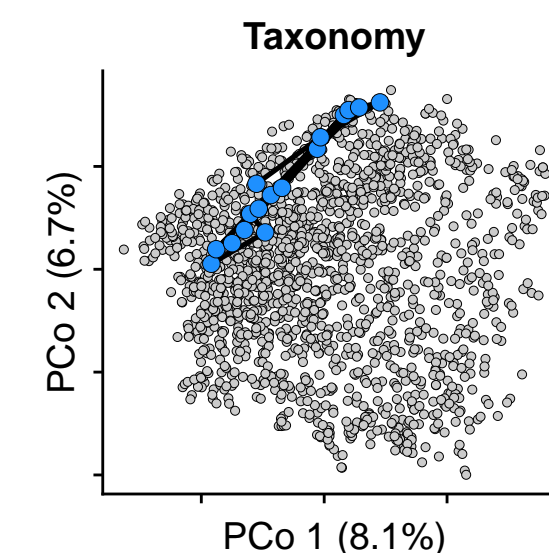
Alistipes onderdonkii
Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides vulgatus
Bacteroides xylanisolvens
Parabacteroides distasonis
Faecalibacterium prausnitzii
Escherichia coli
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

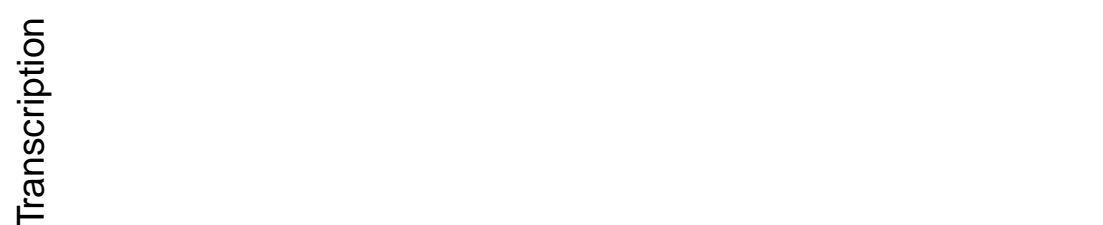
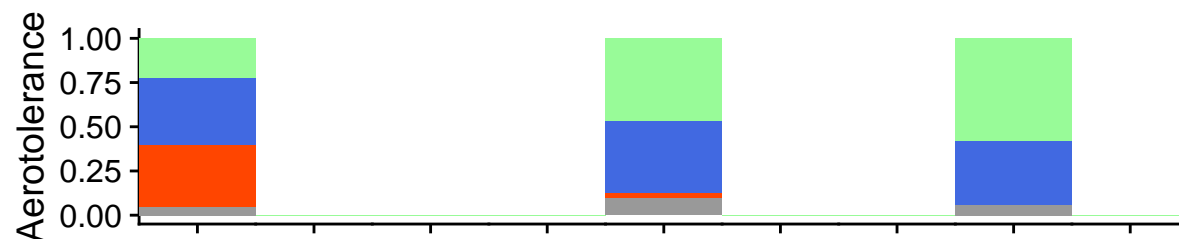
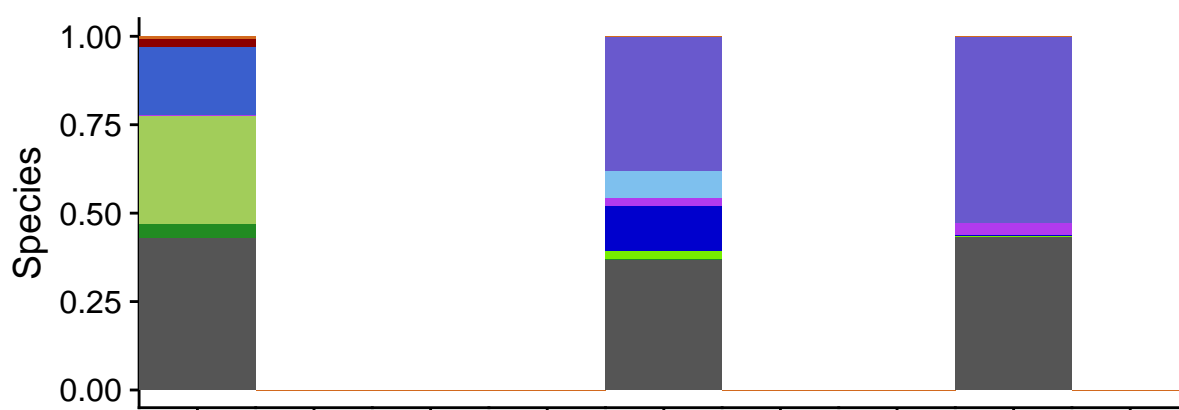
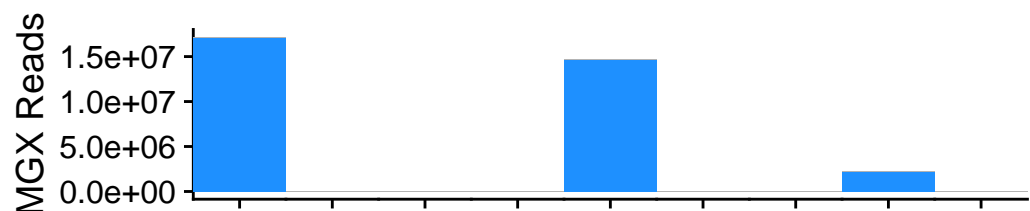
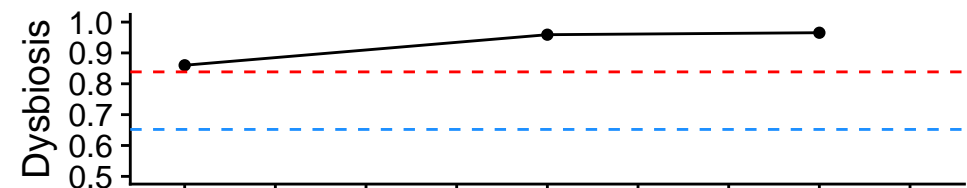
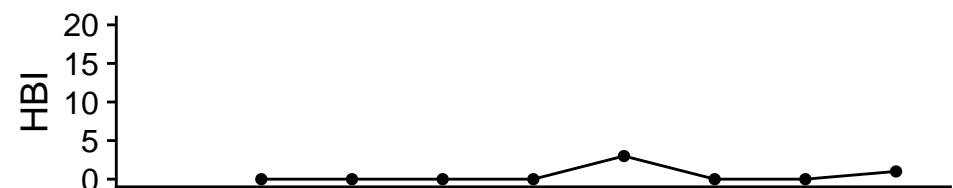
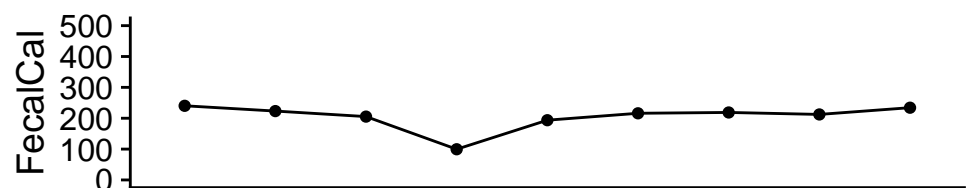
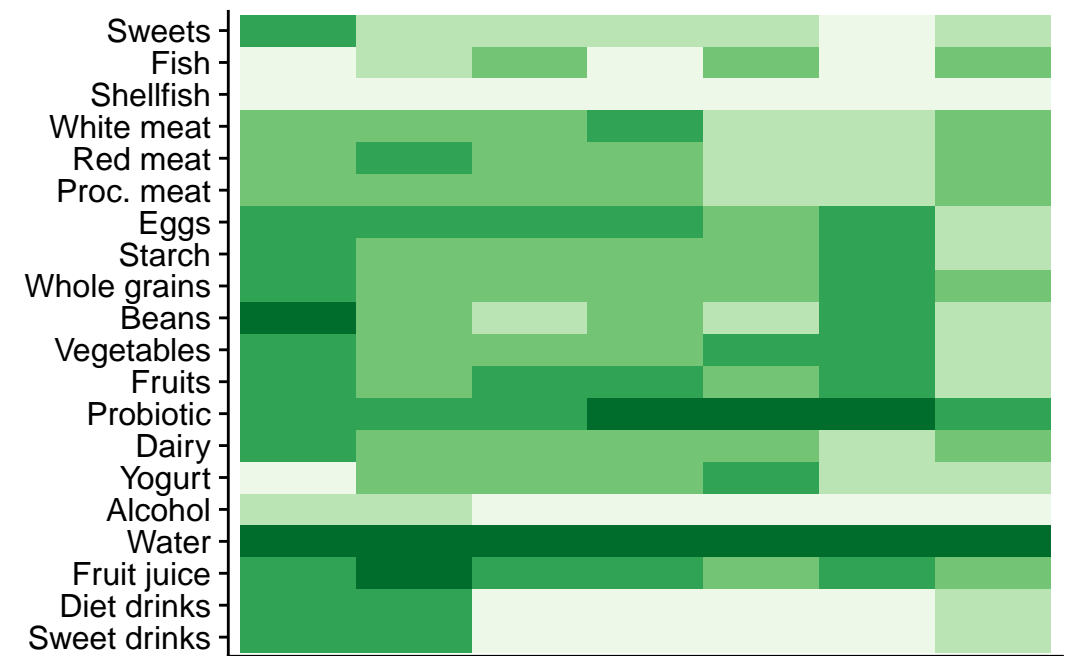
Pseudomonas phage PPpW-4
unclassified C2likevirus
Gyrovirus 4
Parabacteroides phage YZ-2015b
Bell pepper mottle virus
Pepper mild mottle virus
Tomato mosaic virus
Tropical soda apple mosaic virus
other

K00286: pyrroline-5-carboxylate reductase [...]
K02078: acyl carrier protein
K02109: F-type H⁺-transporting ATPase subunit
K02358: elongation factor EF-Tu
K02914: large subunit ribosomal protein L34
K02952: small subunit ribosomal protein S13
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E. coli
K04485: DNA repair protein RadA/Sms
K10117: raffinose/stachyose/melibiose transport protein
K19157: NO_NAME

K00134: glyceraldehyde 3-phosphate dehydratase
K00262: glutamate dehydrogenase (NADP⁺) dependent
K00639: glycine C-acetyltransferase [EC:2.3.1.18]
K01610: phosphoenolpyruvate carboxykinase (ATP-dependent)
K01667: tryptophanase [EC:4.1.99.1]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K03286: OmpA-OmpF porin, OOP family
K10001: glutamate/aspartate transport system
UNGROUPED

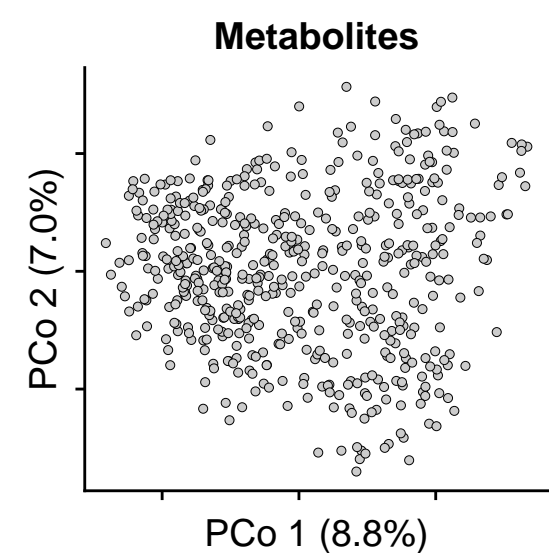
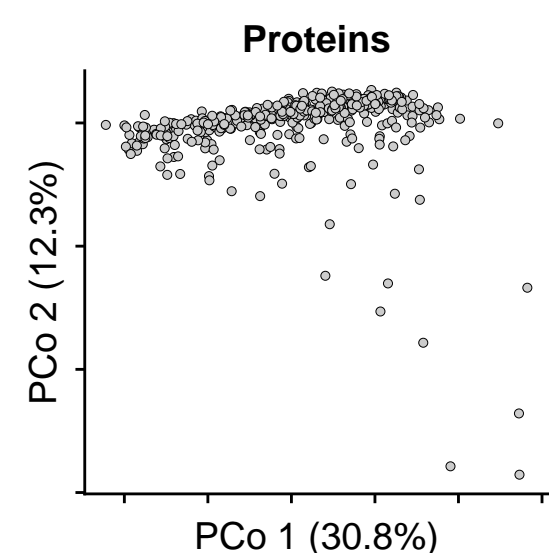
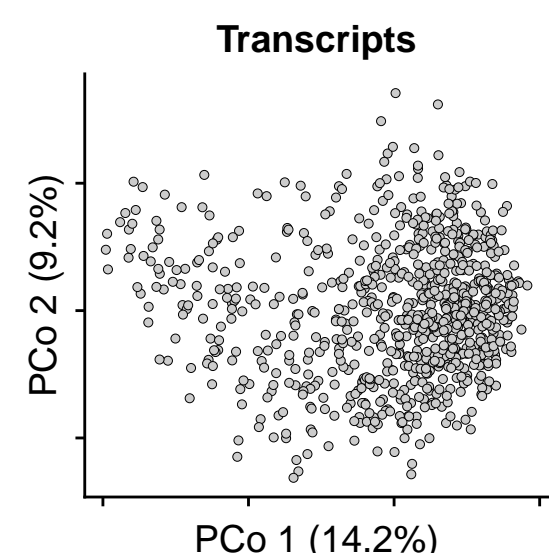
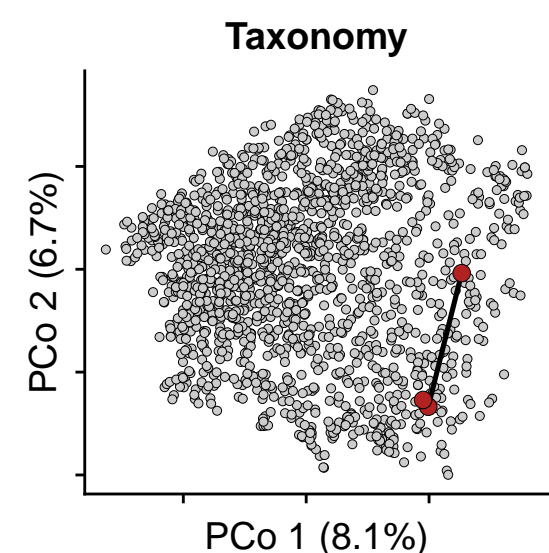


M2010: 18 Male White MGH | CD L1

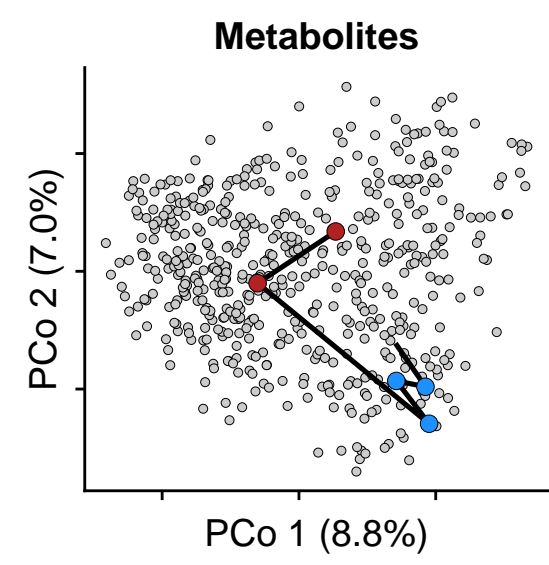
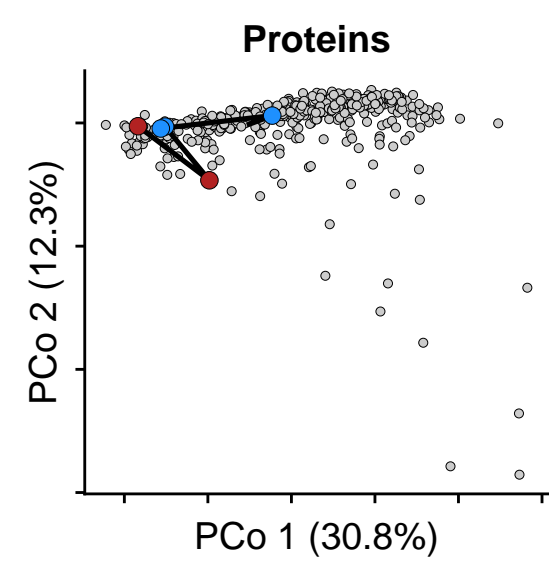
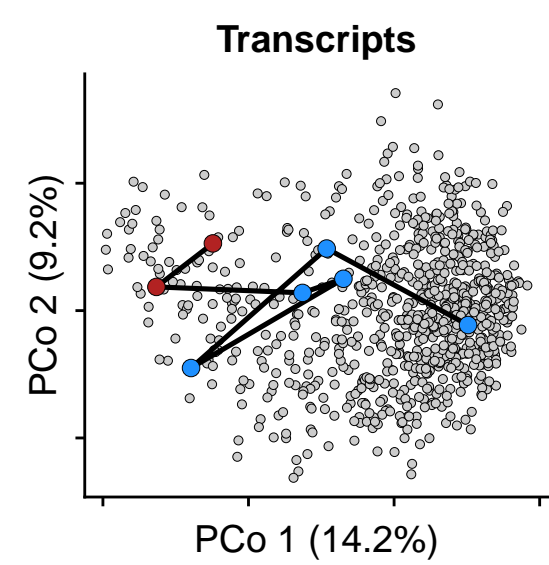
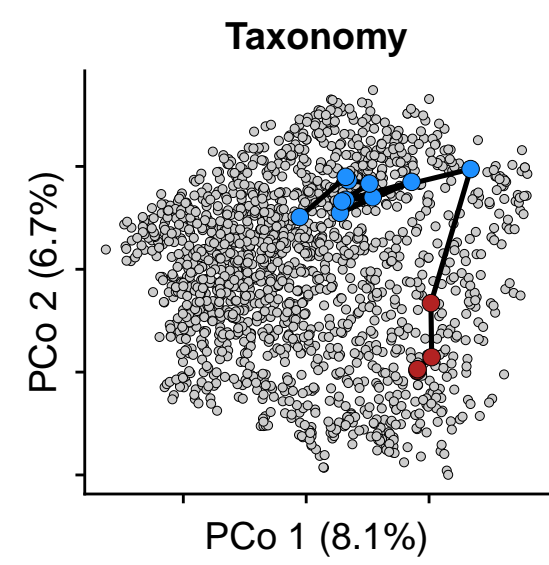
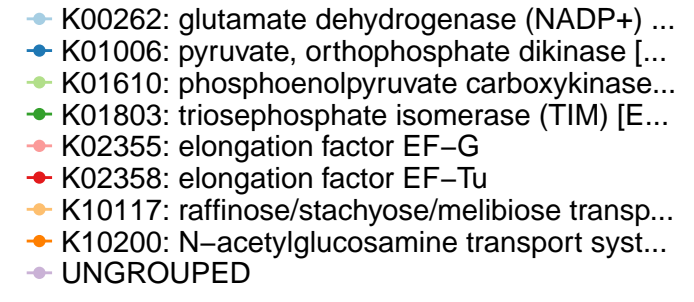
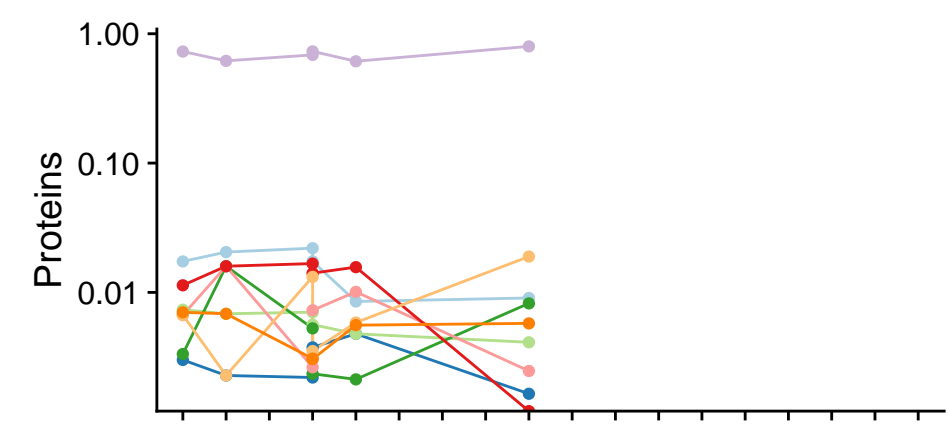
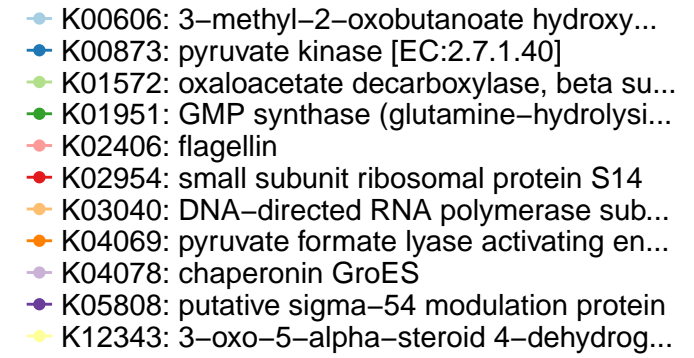
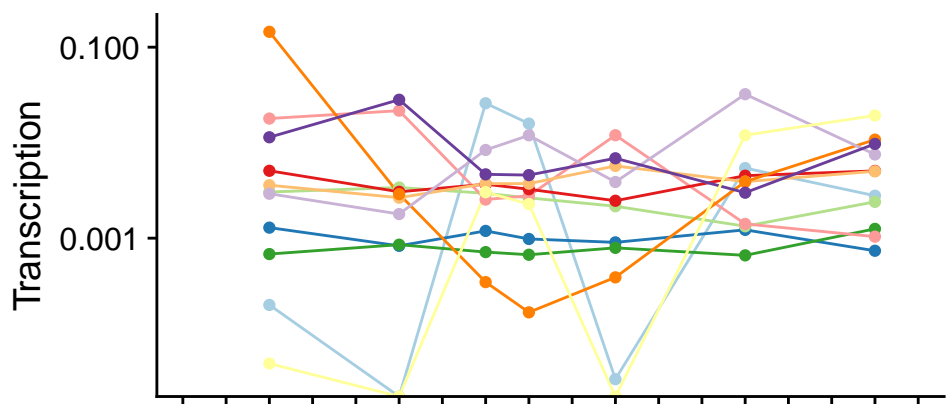
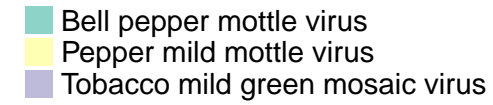
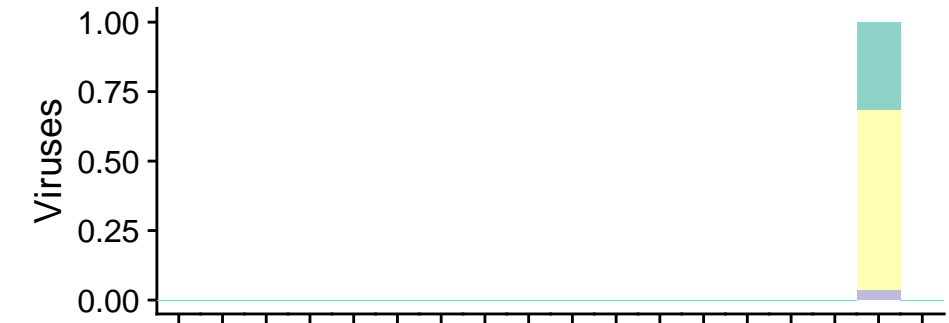
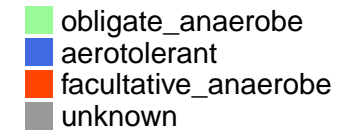
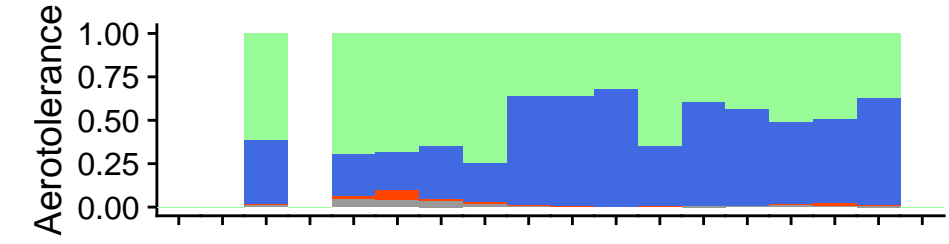
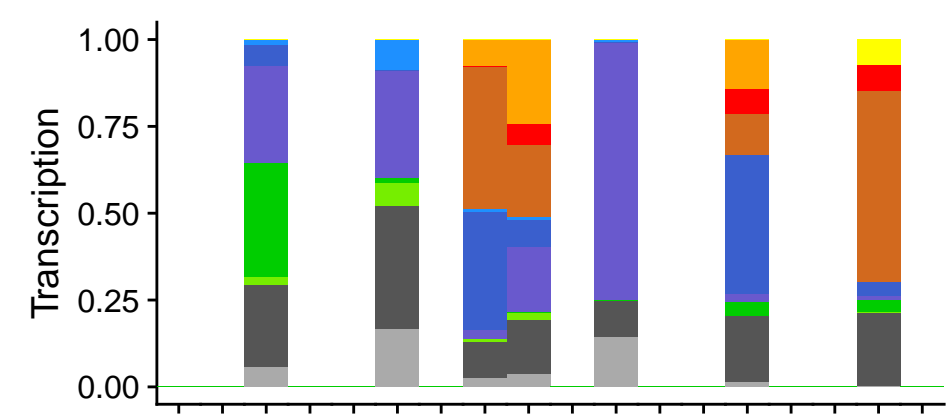
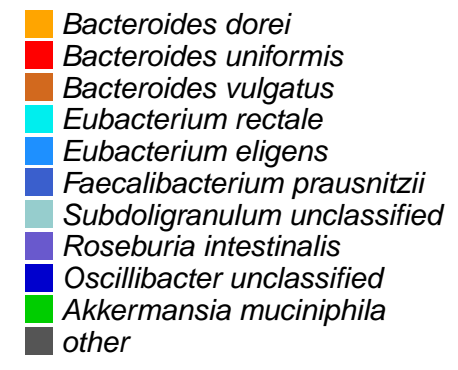
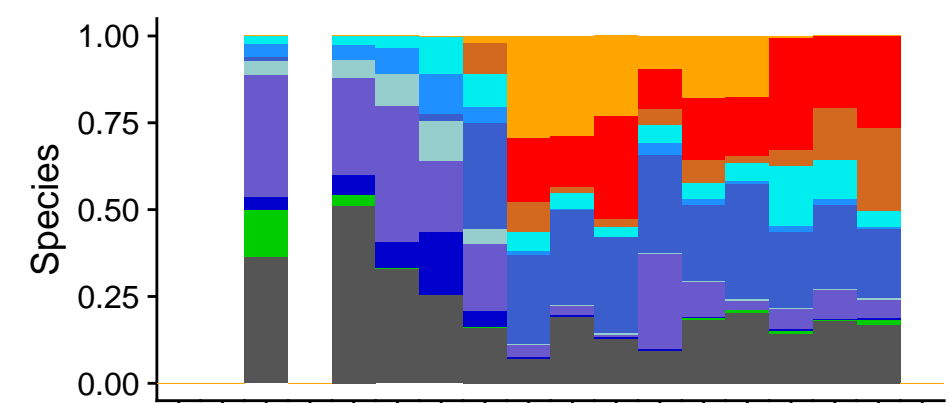
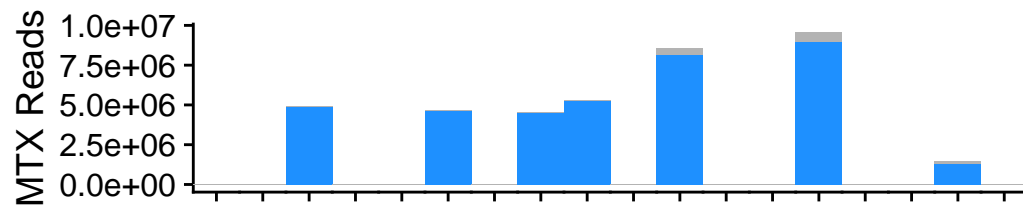
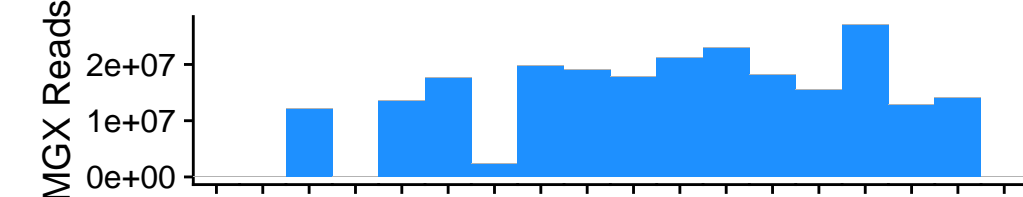
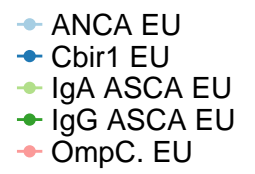
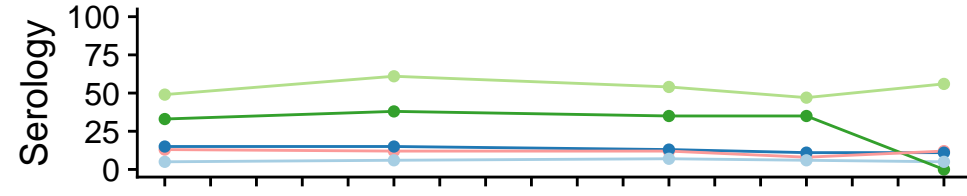
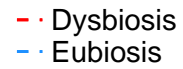
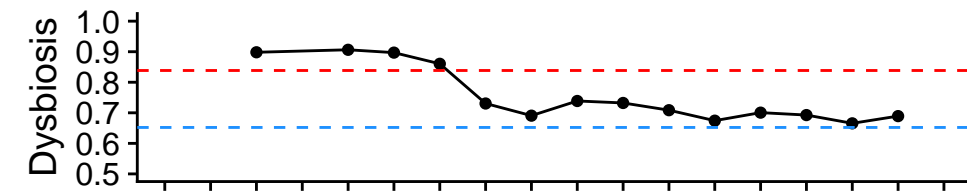
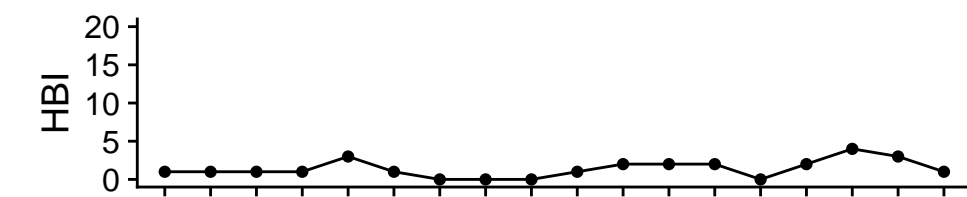
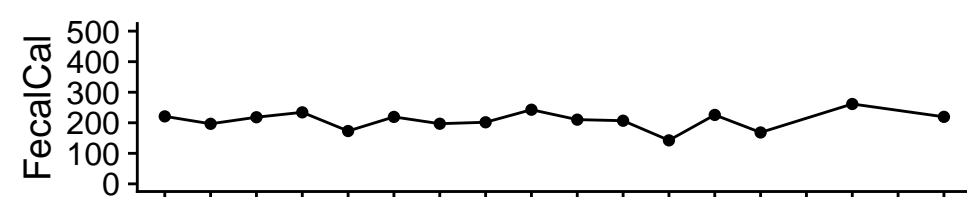
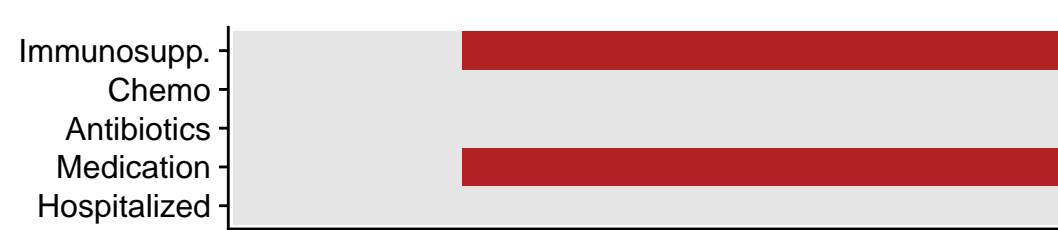
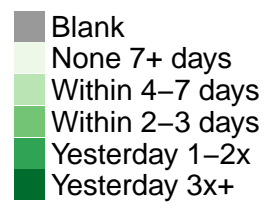
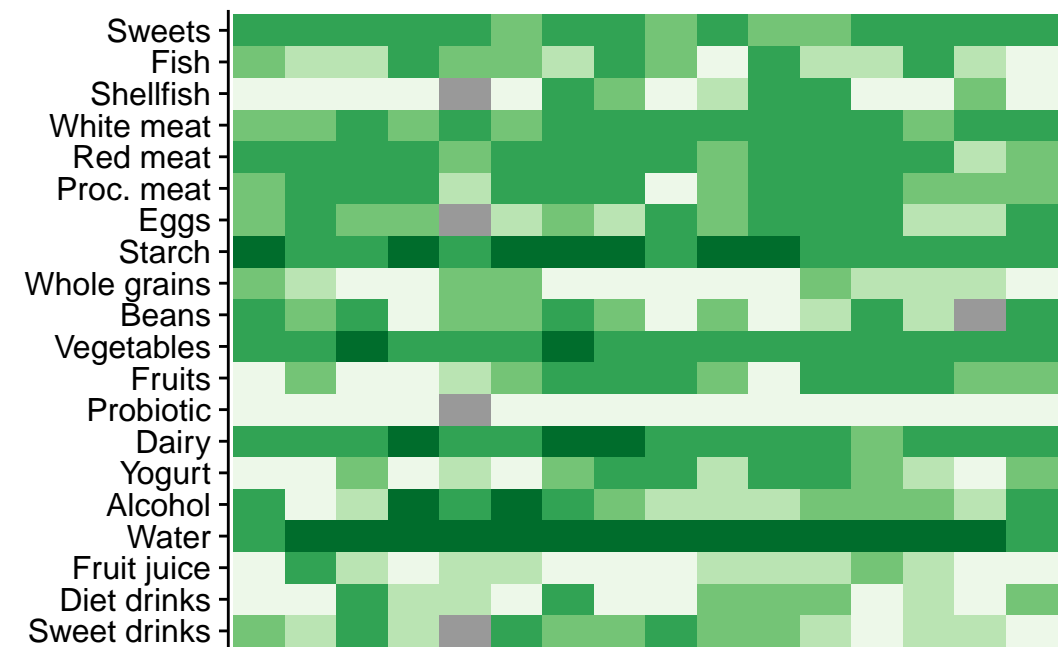


- Bacteroides vulgatus
- Prevotella copri
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- Roseburia hominis
- Ruminococcus torques
- Oscillibacter unclassified
- Escherichia coli
- Klebsiella pneumoniae
- Haemophilus parainfluenzae
- other

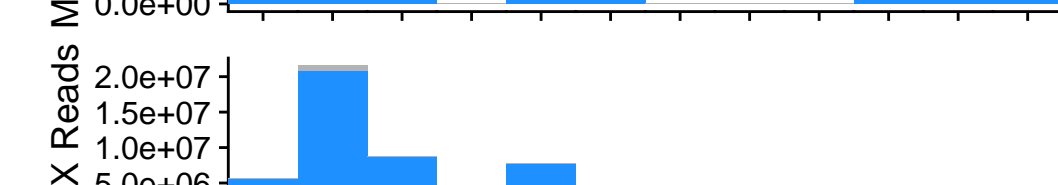
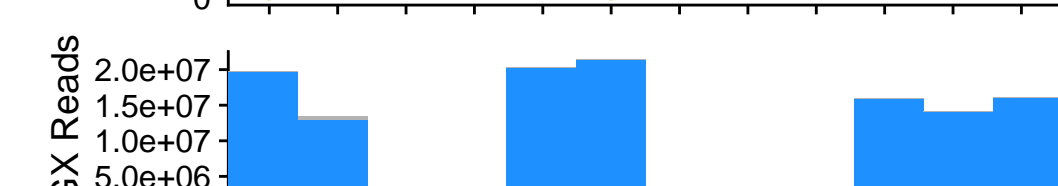
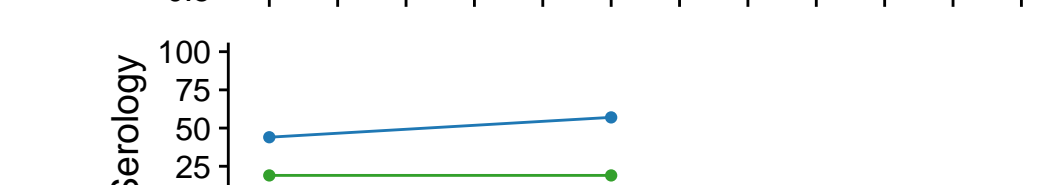
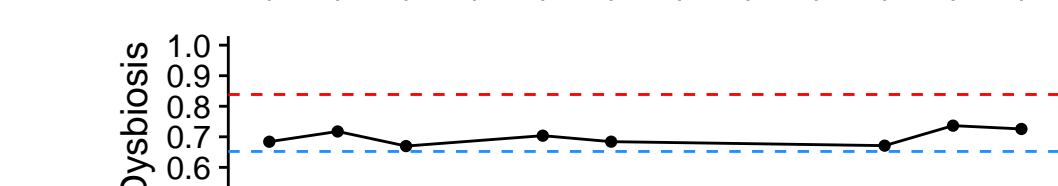
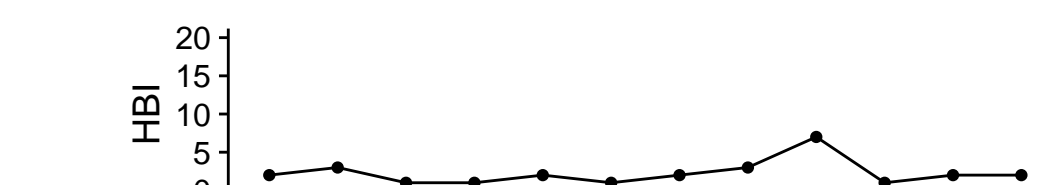
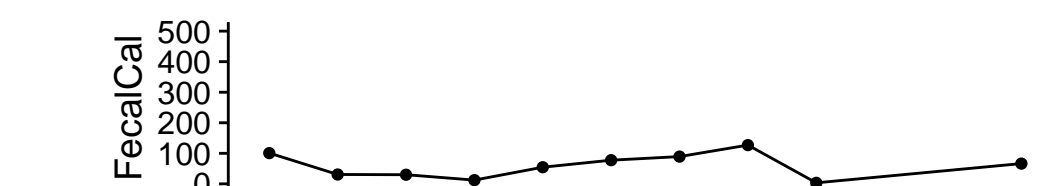
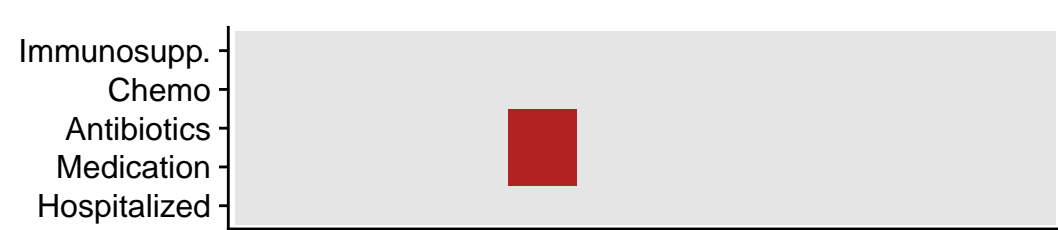
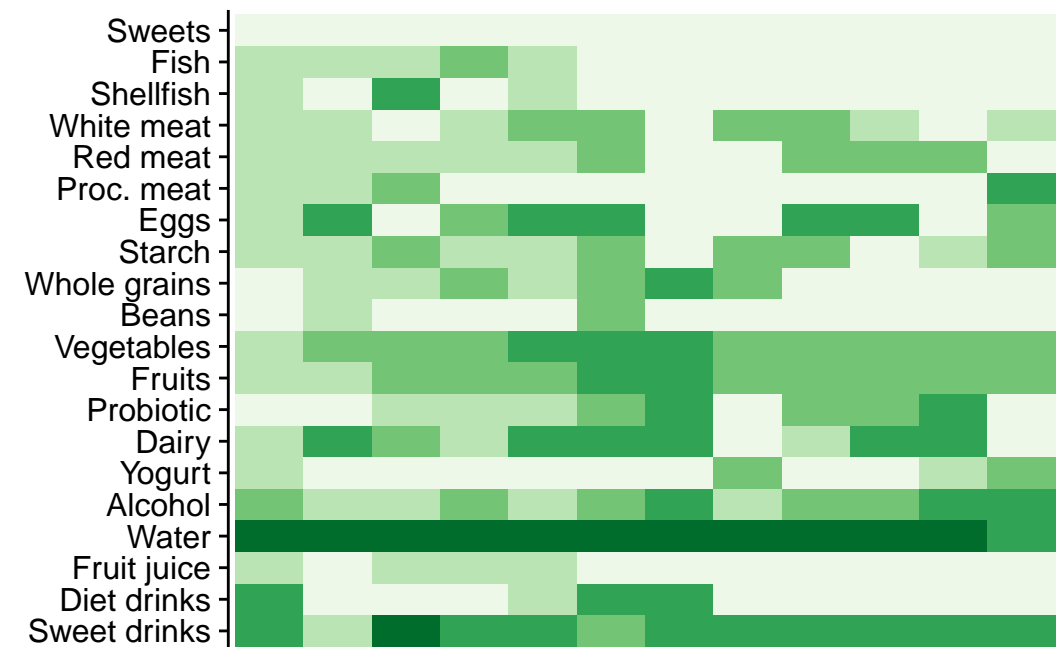
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown



M2014: 30 Male White MGH | CD L1



M2021: 26 Male White MGH | CD L2



None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

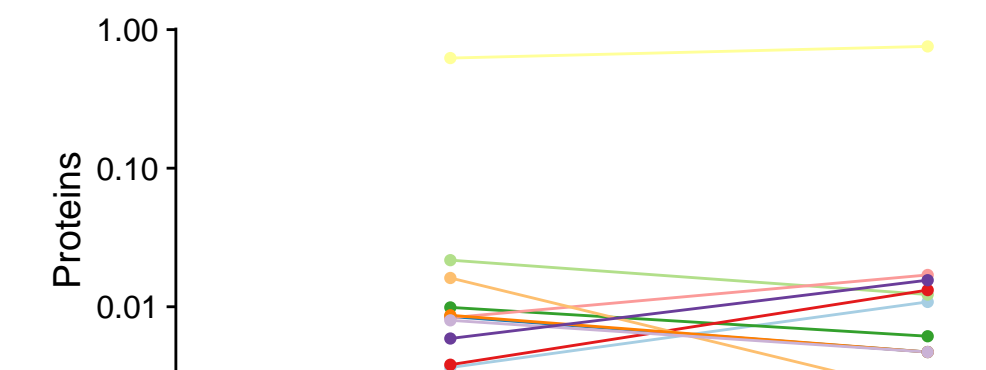
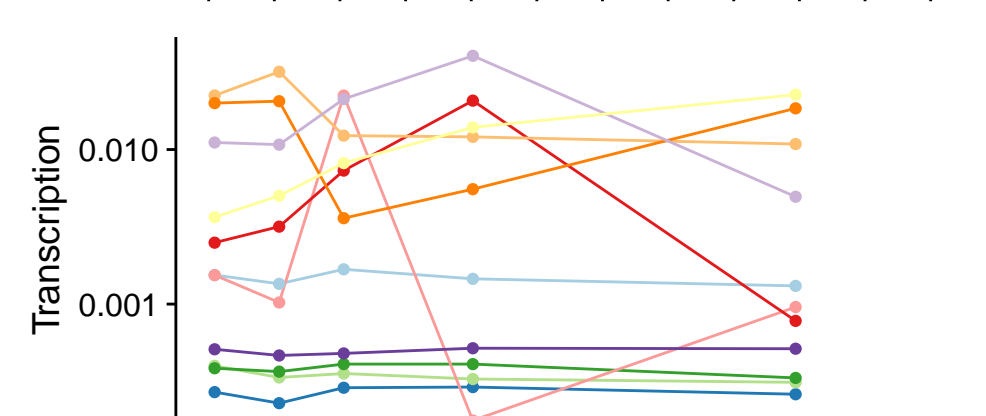
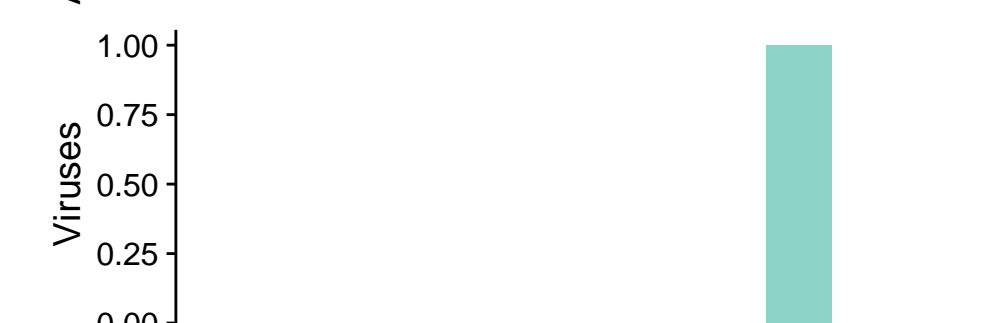
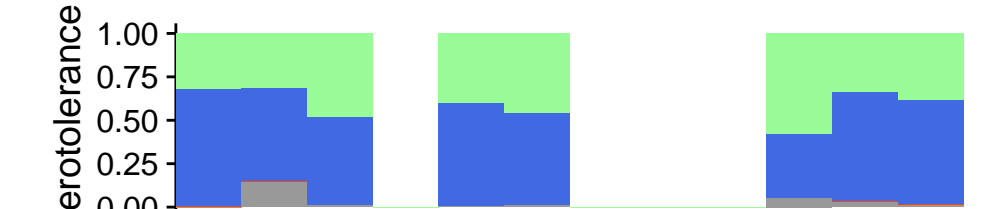
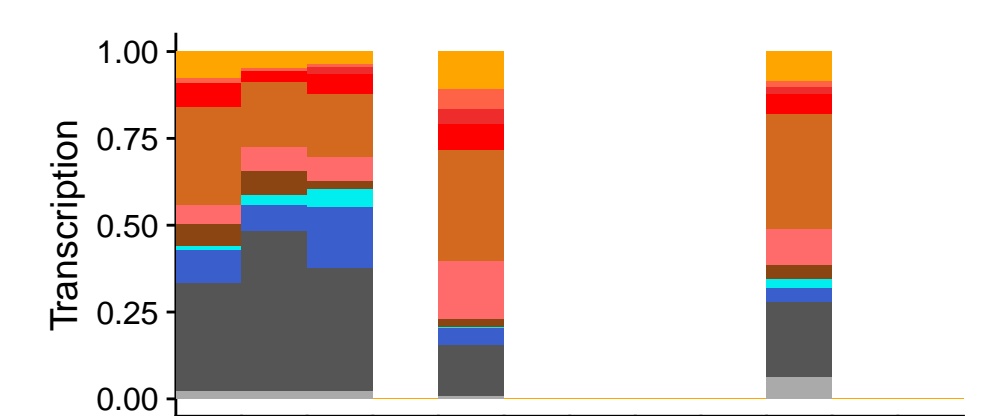
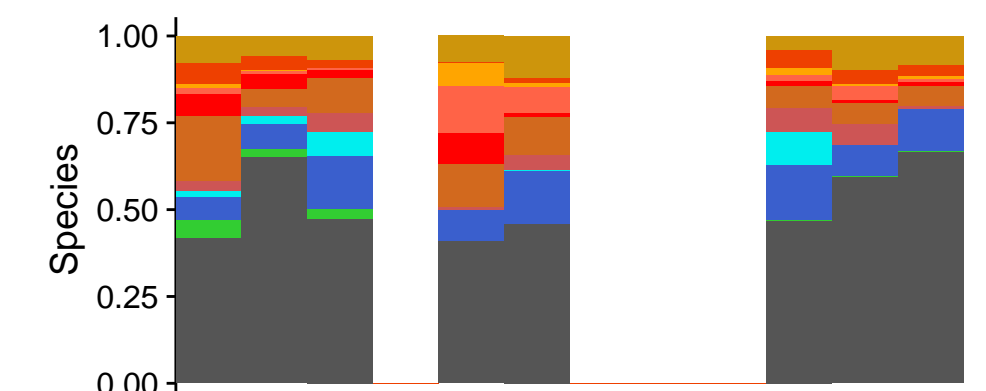
Yes
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Eubacterium rectale
Faecalibacterium prausnitzii
Sutterella wadsworthensis
other

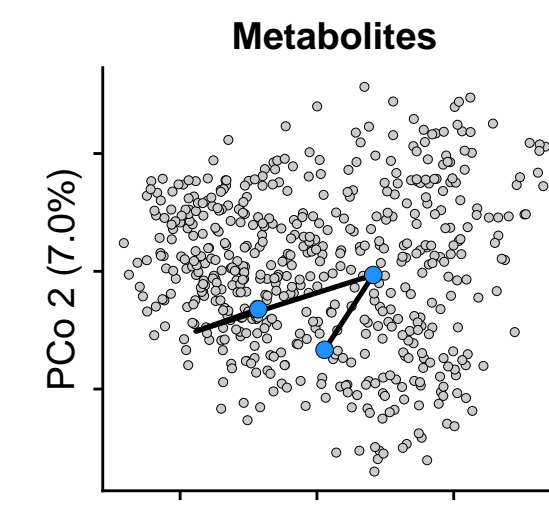
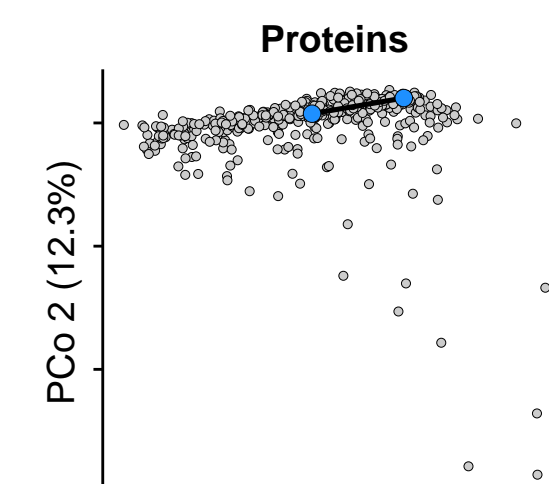
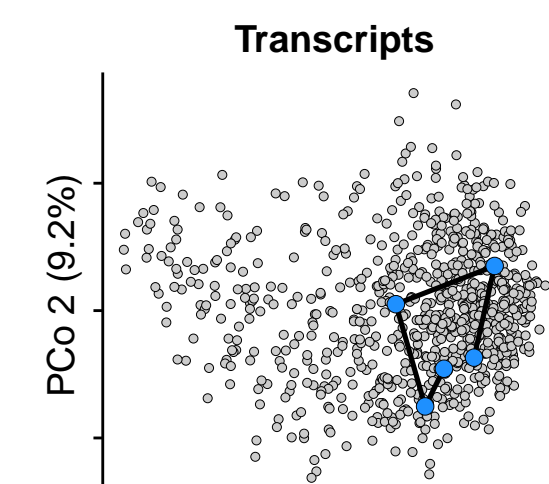
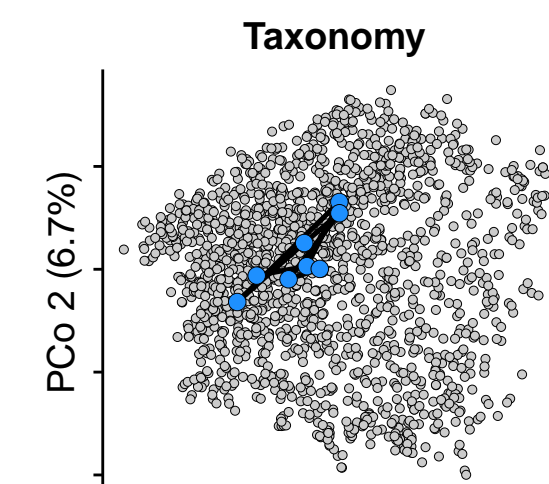
Bacteroides dorei
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Odoribacter splanchnicus
Eubacterium rectale
Faecalibacterium prausnitzii
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

TTV-like mini virus

K00174: 2-oxoglutarate/2-oxoacid ferredoxin...
K00798: cob(I)alamin adenosyltransferase [E...
K00979: 3-deoxy-manno-octulosonate cytid...
K02004: NO_NAME
K02406: flagellin
K02519: translation initiation factor IF-2
K02935: large subunit ribosomal protein L7/L...
K02956: small subunit ribosomal protein S15
K02982: small subunit ribosomal protein S3
K03614: electron transport complex protein R...
K13993: HSP20 family protein

K00024: malate dehydrogenase [EC:1.1.1.37]
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
UNGROUPED



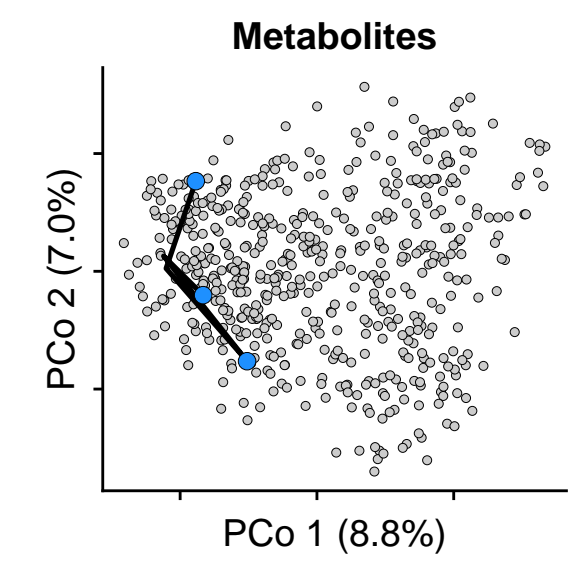
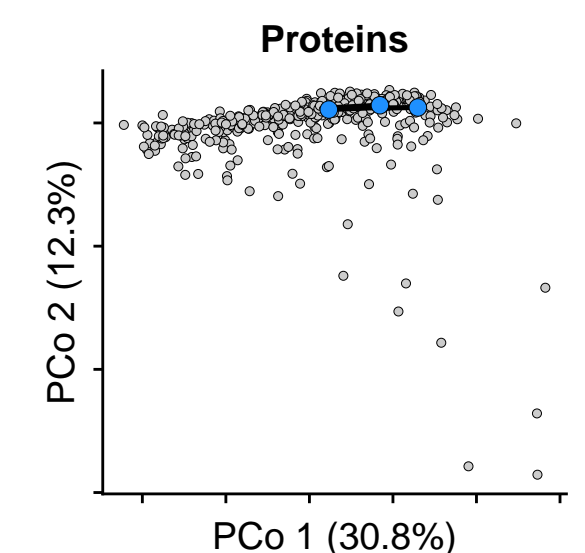
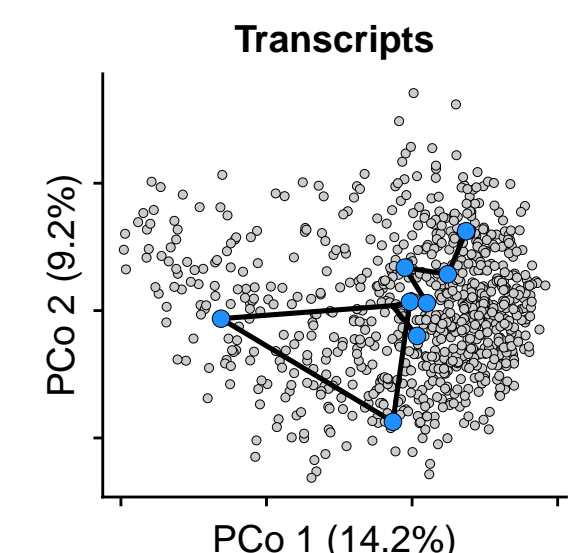
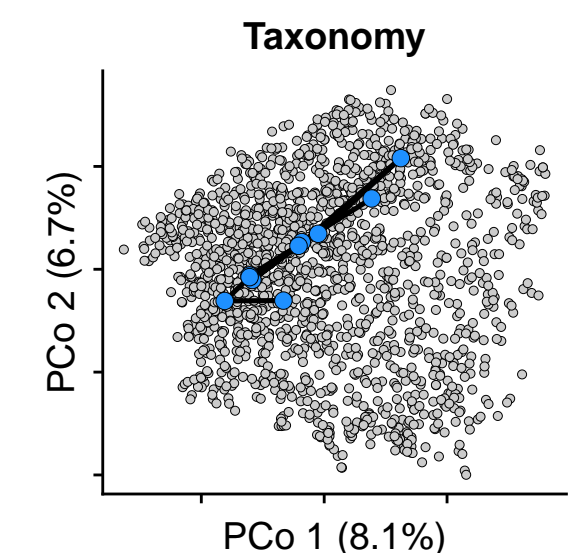
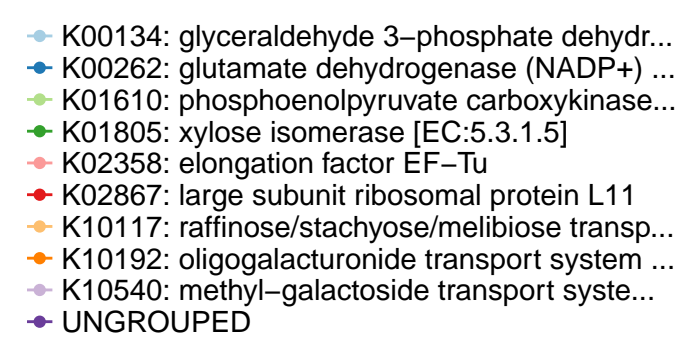
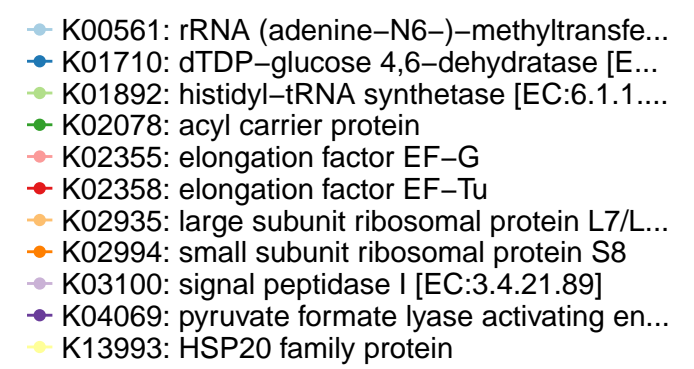
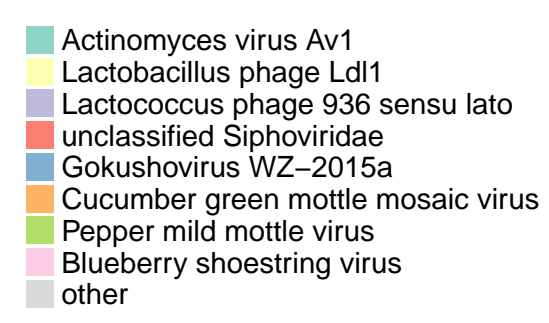
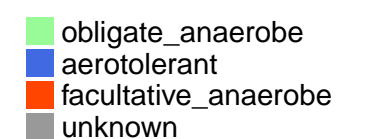
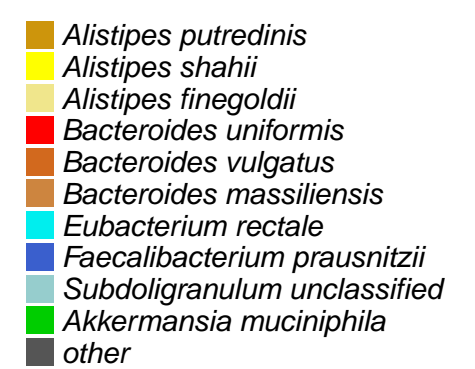
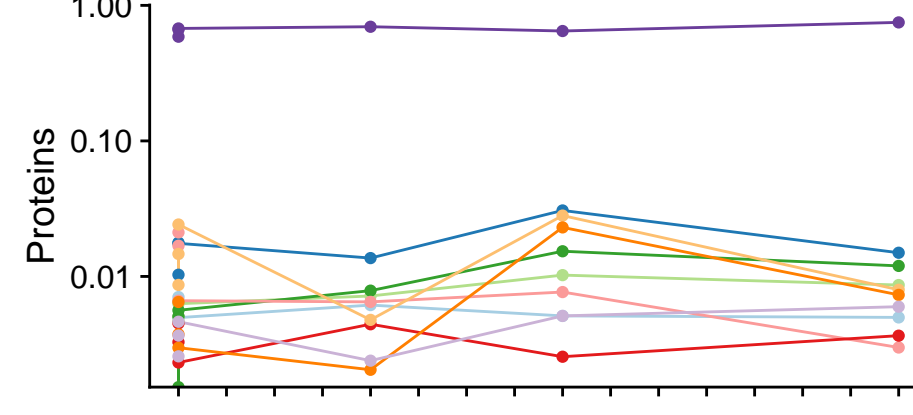
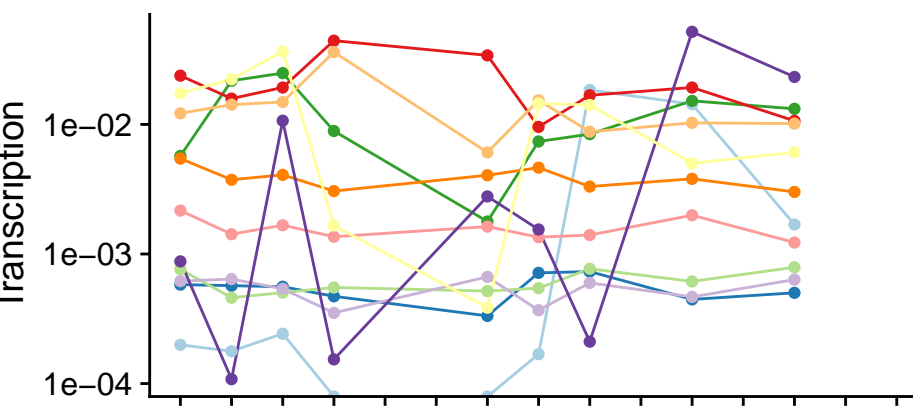
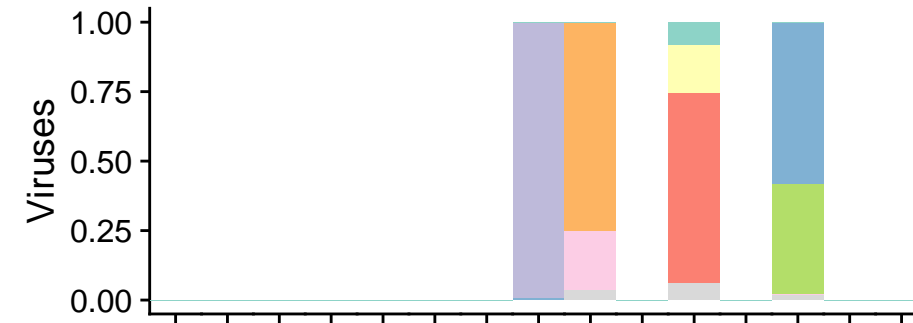
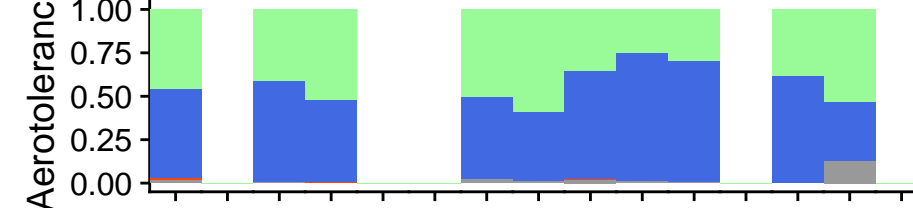
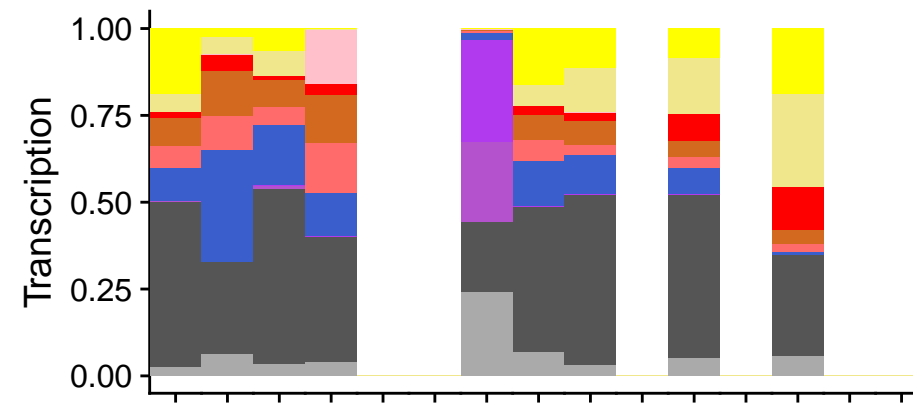
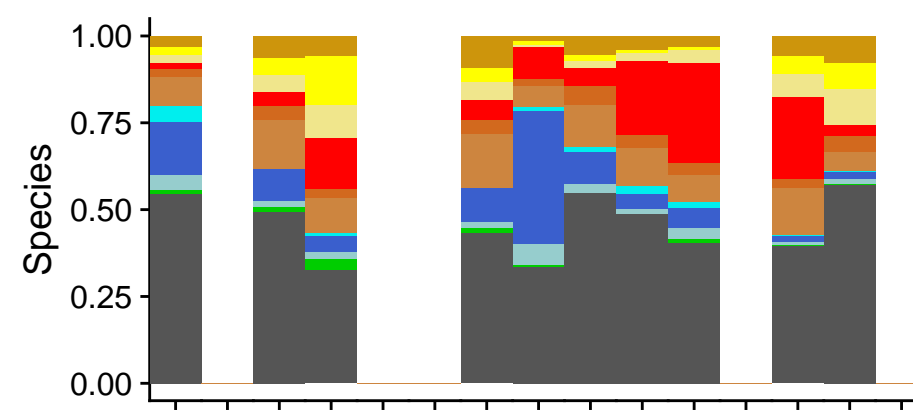
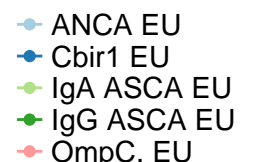
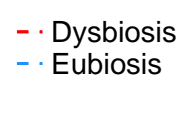
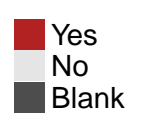
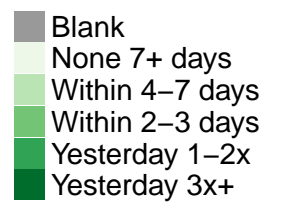
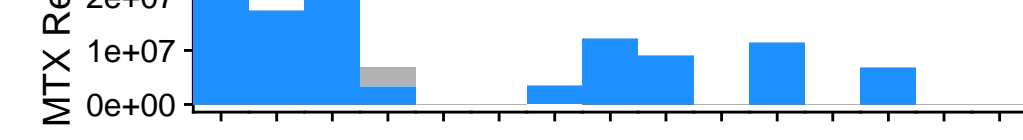
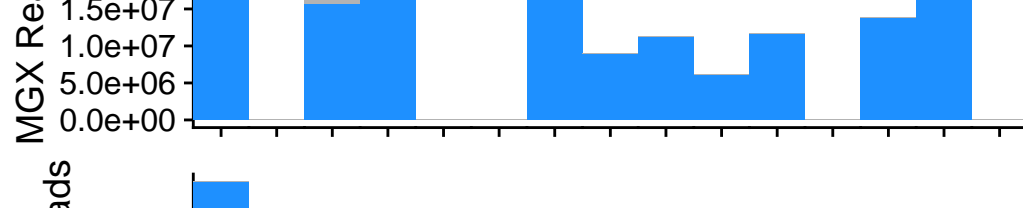
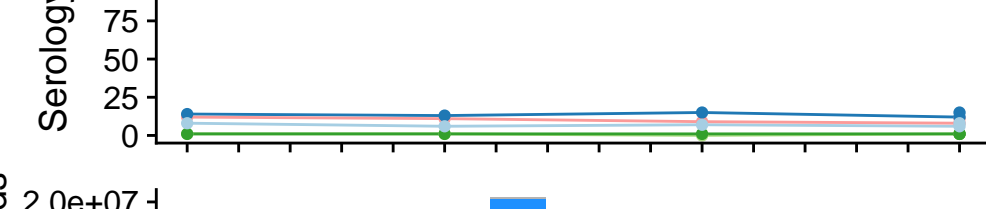
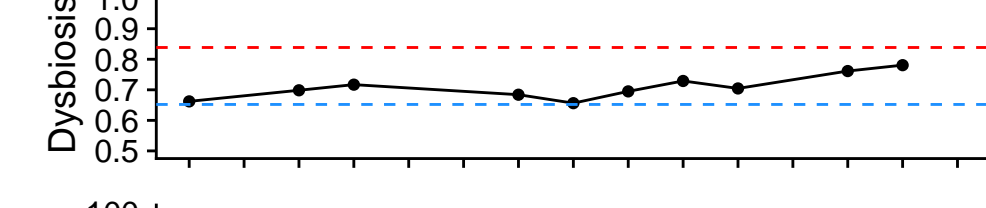
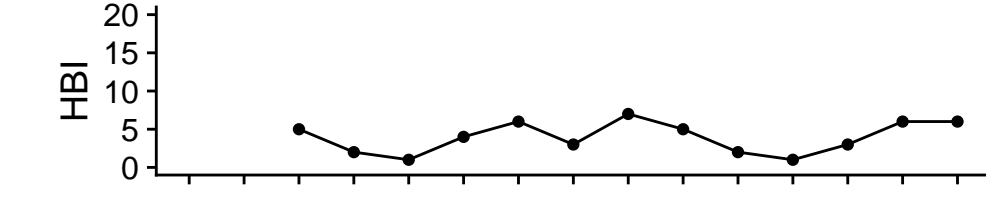
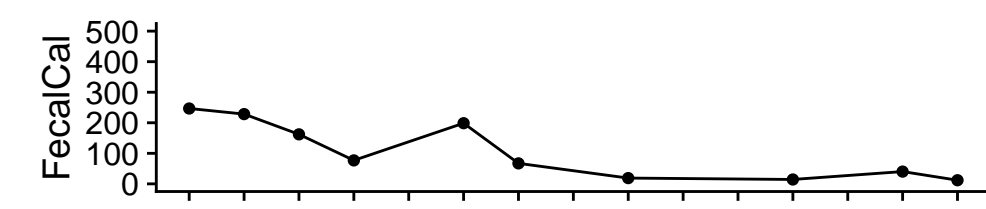
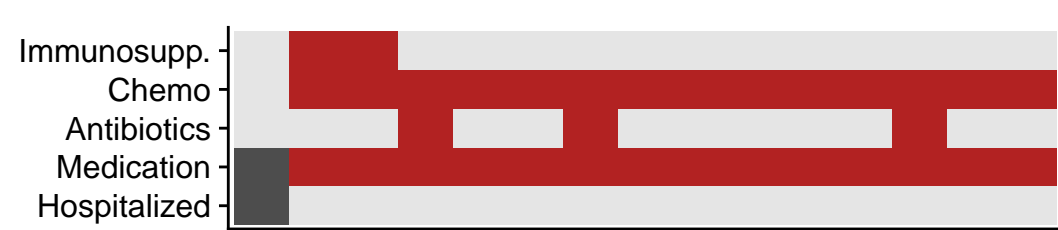
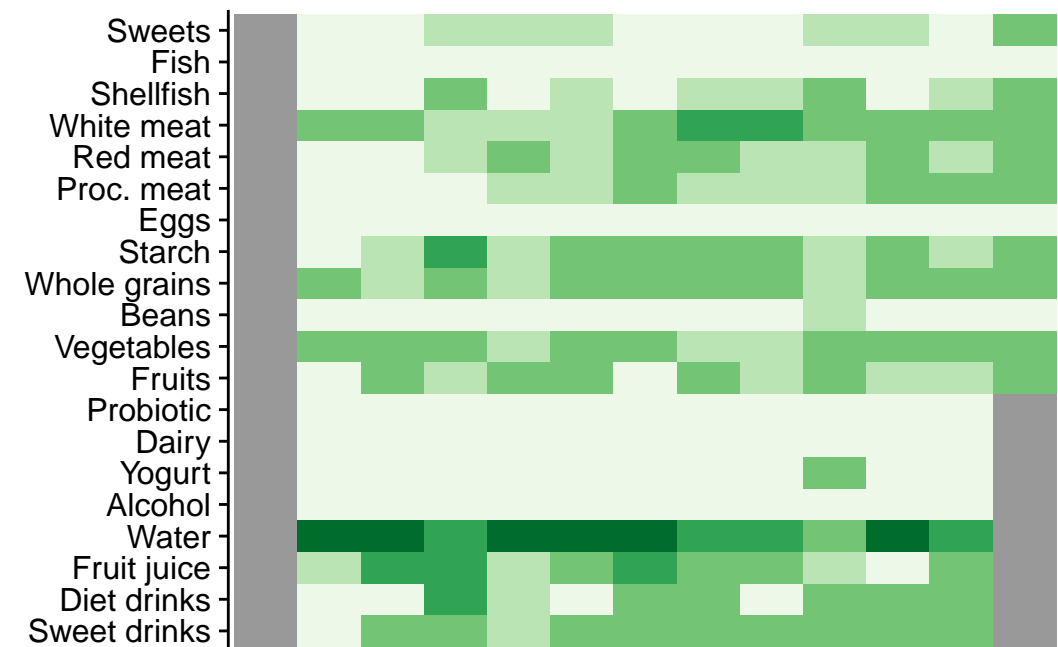
Taxonomy

Transcripts

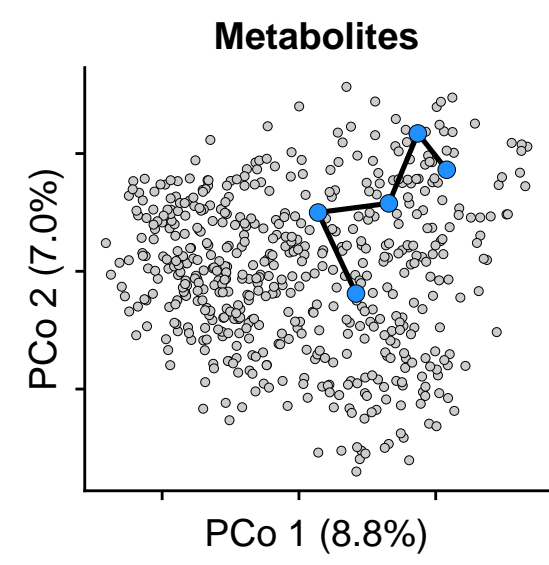
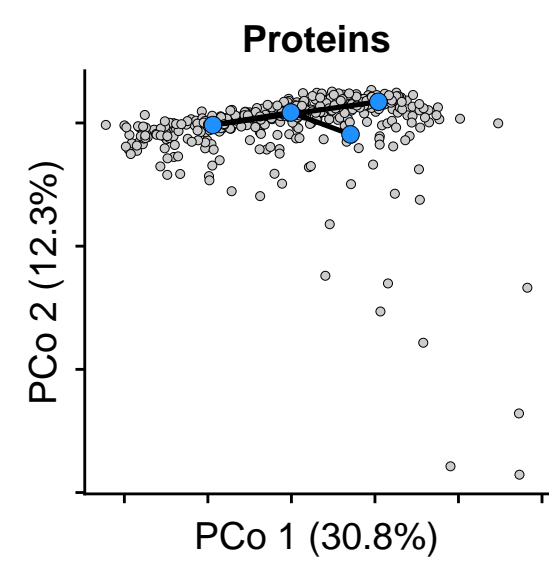
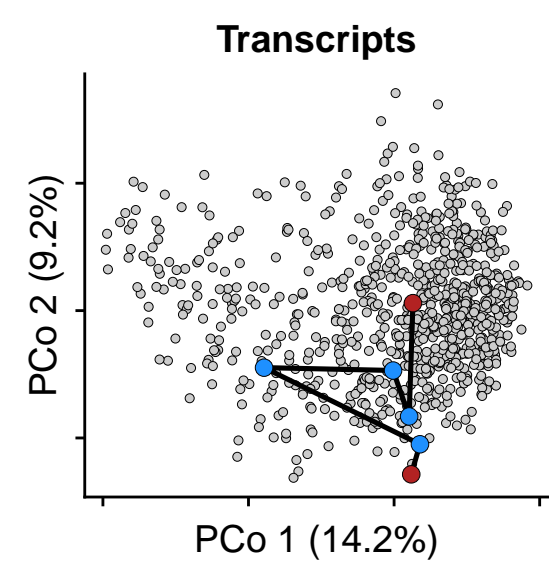
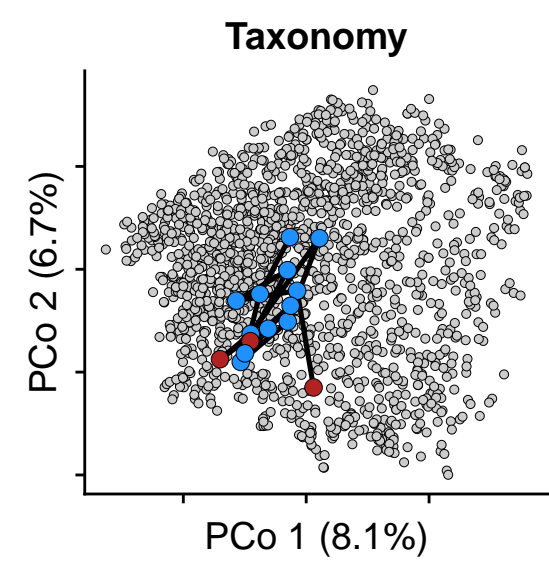
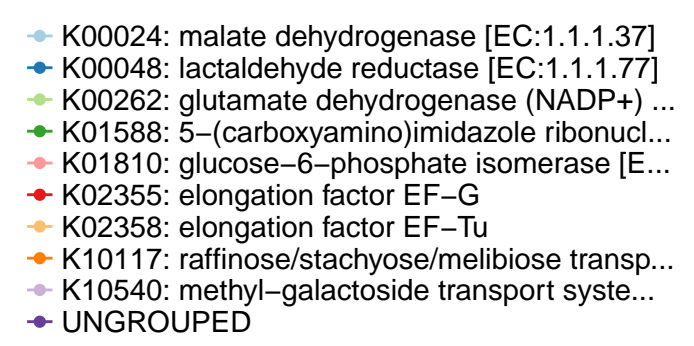
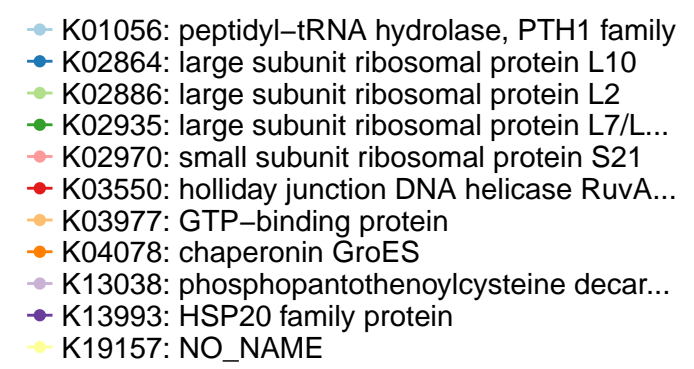
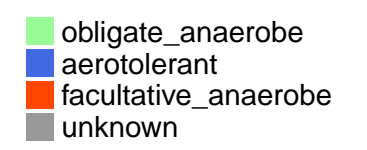
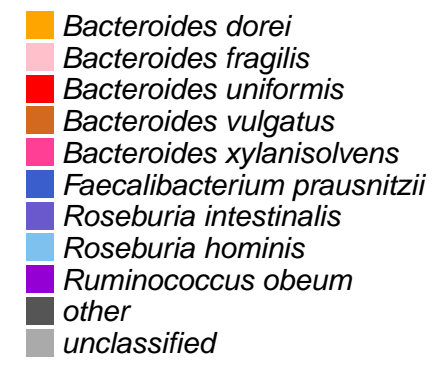
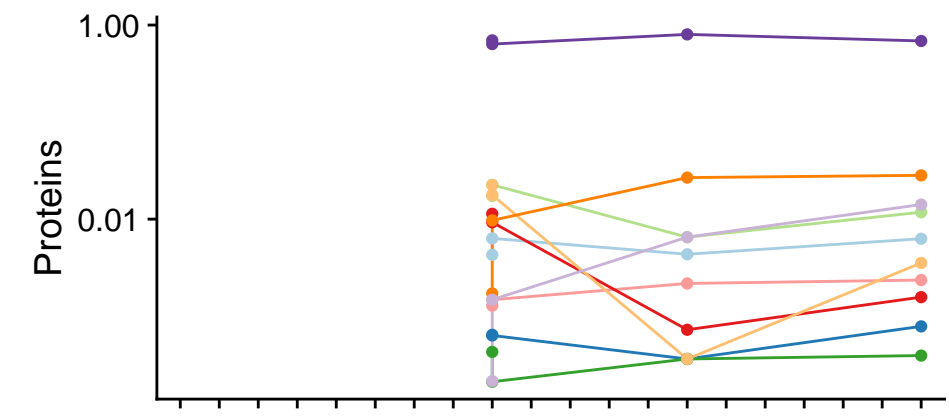
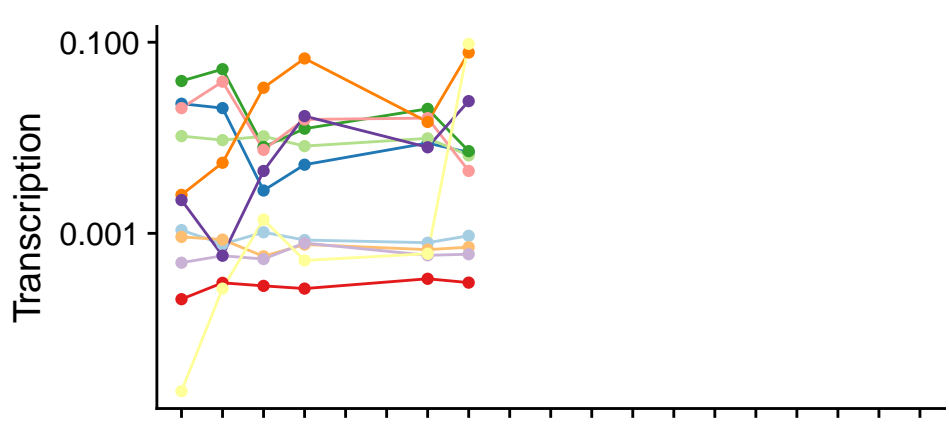
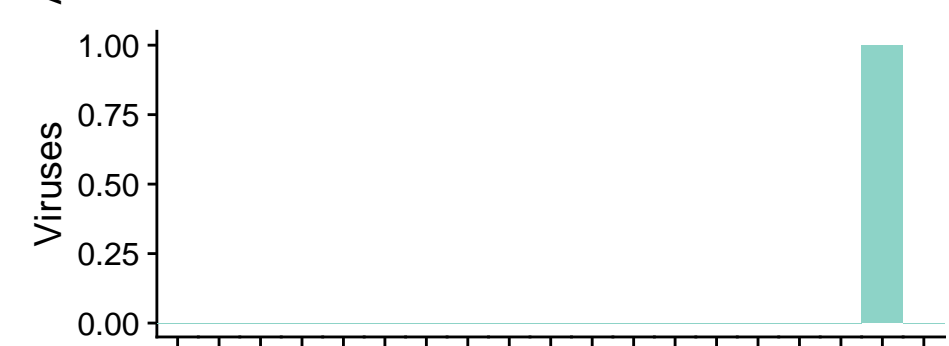
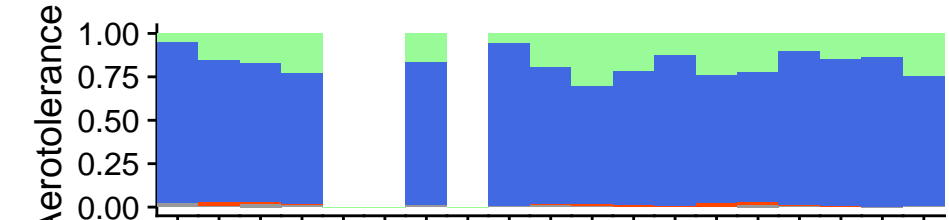
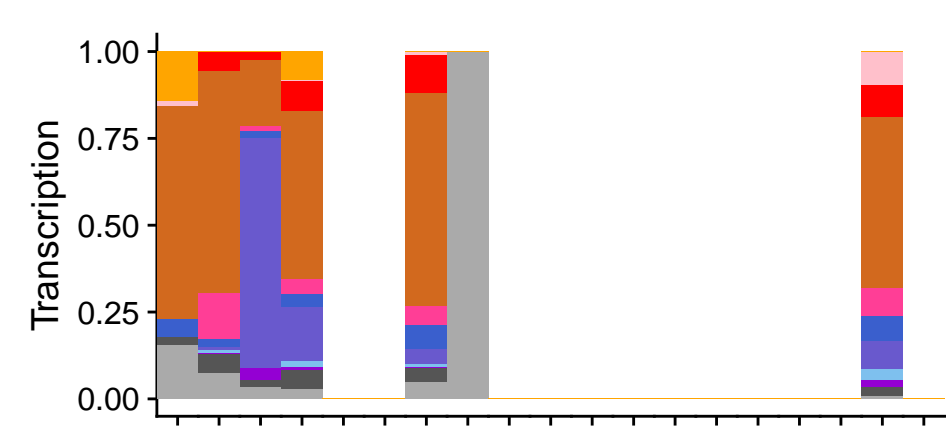
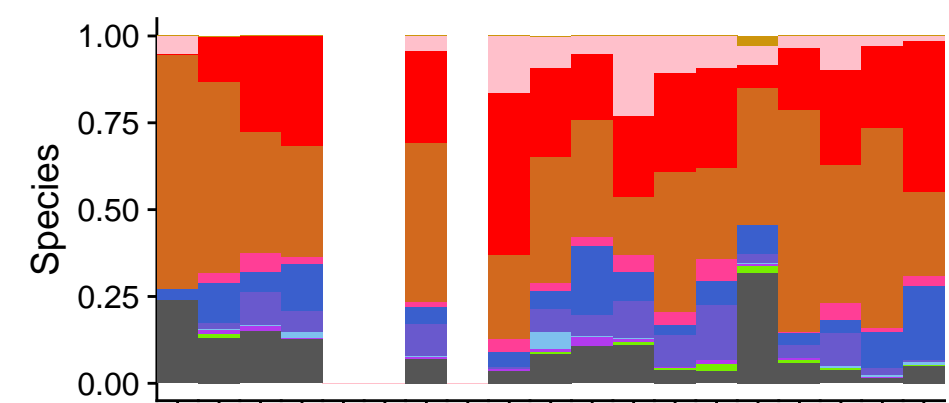
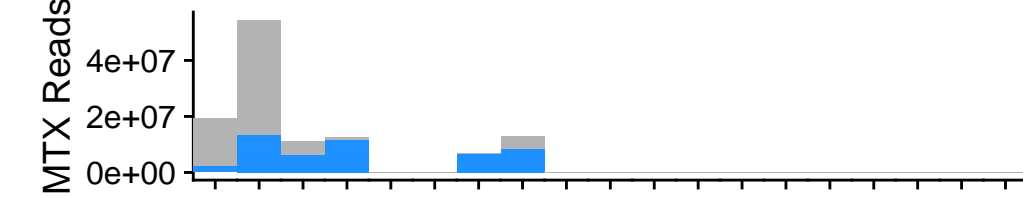
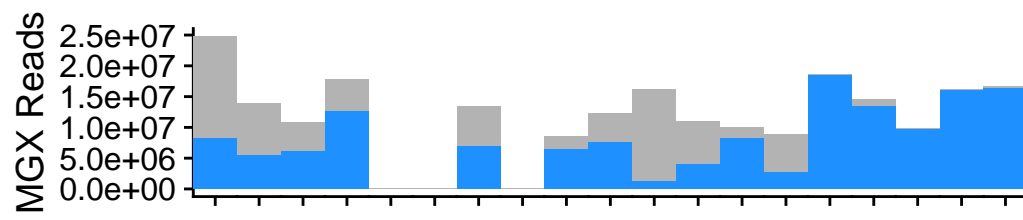
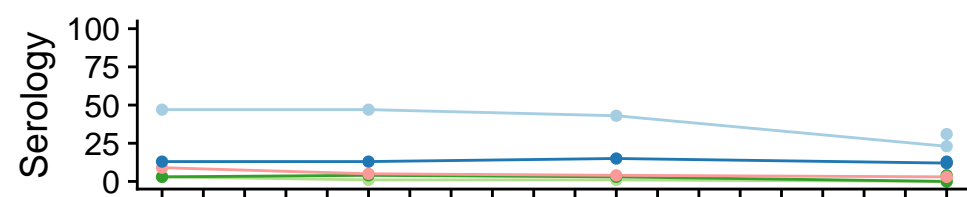
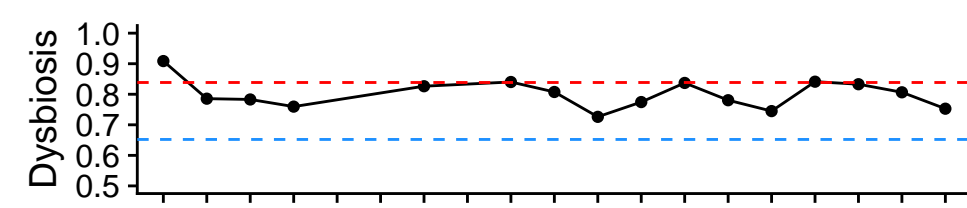
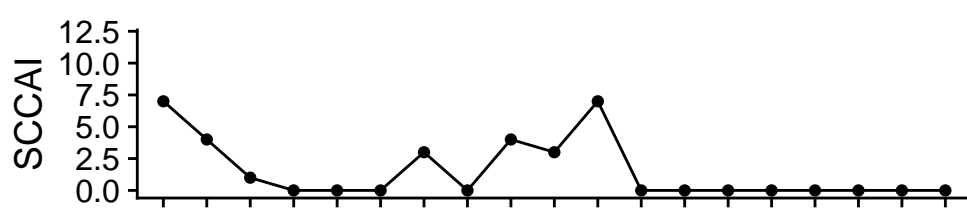
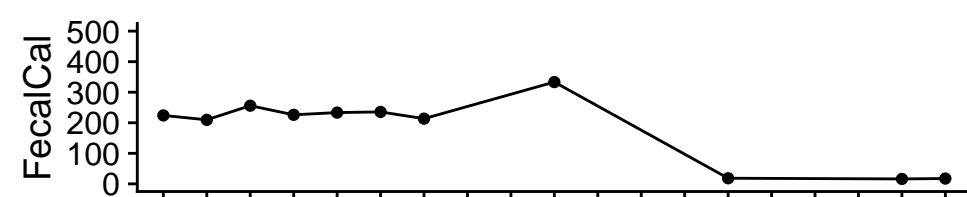
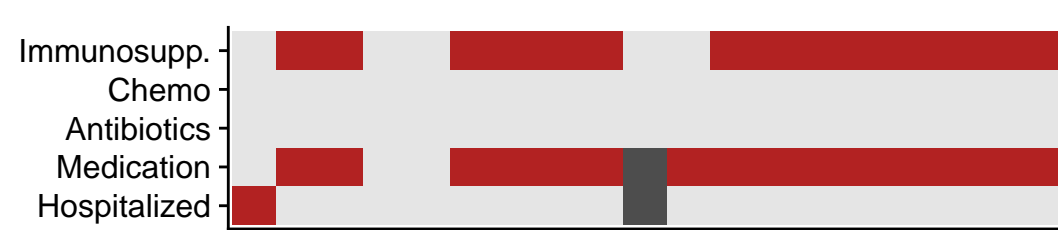
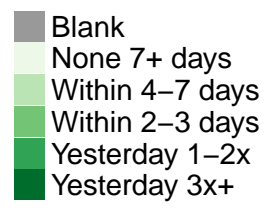
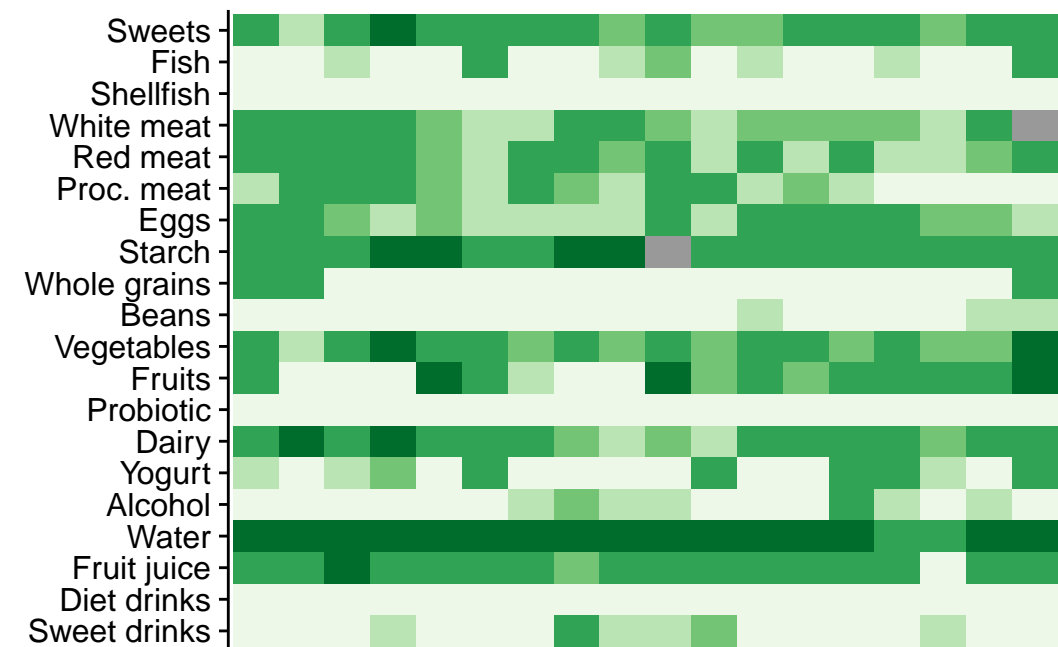
Proteins

Metabolites

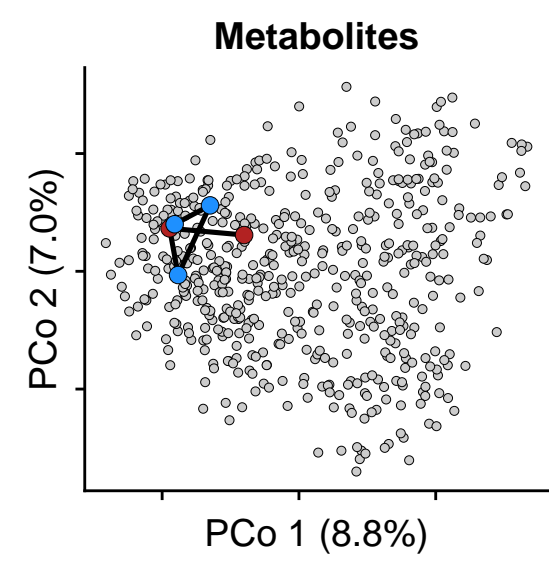
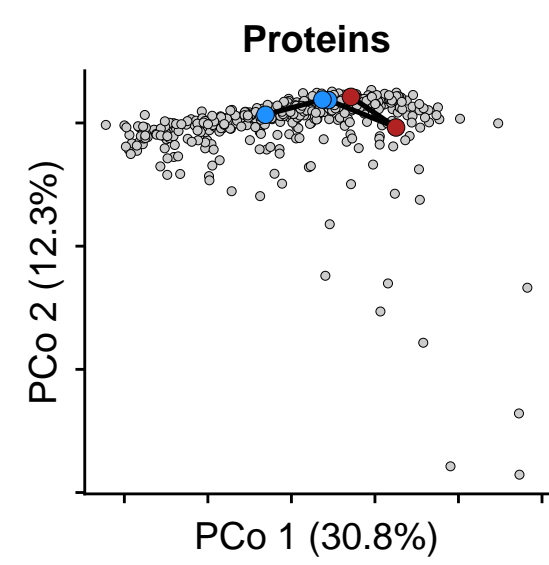
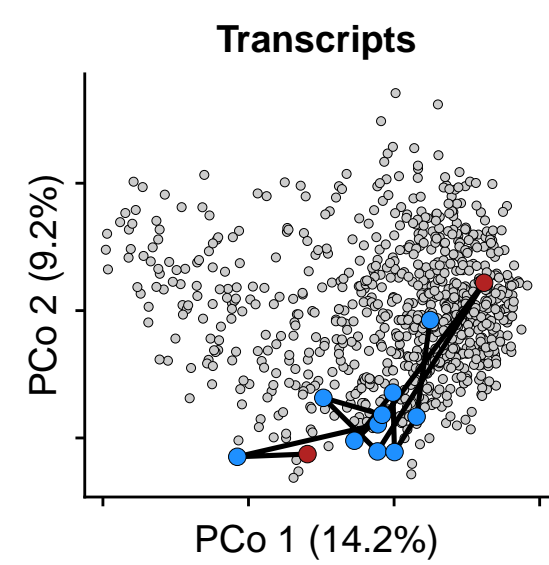
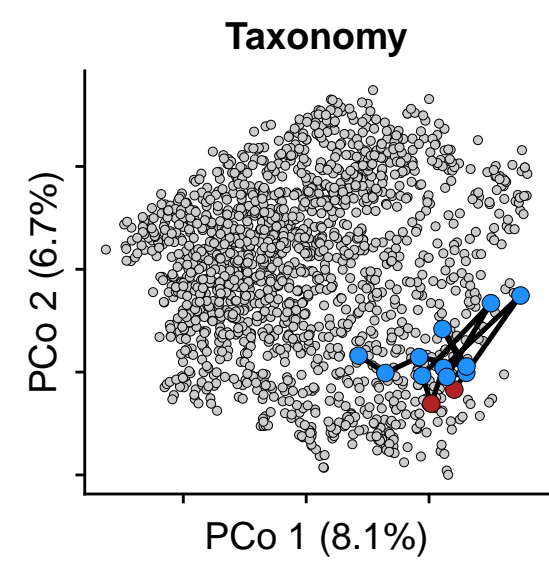
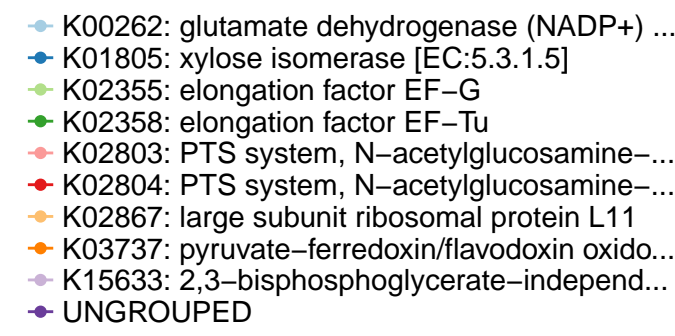
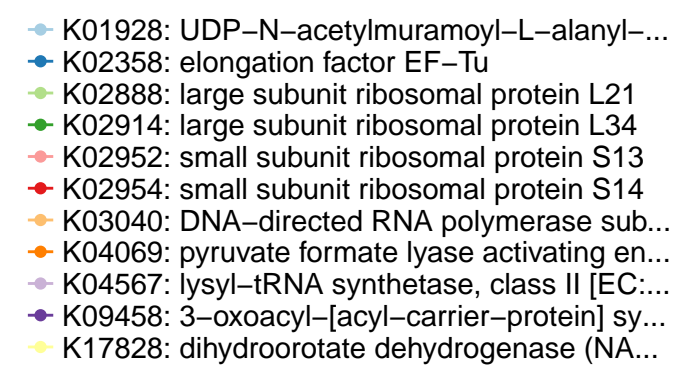
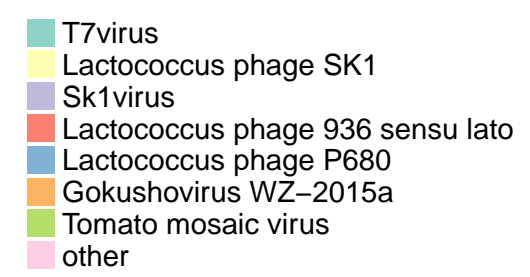
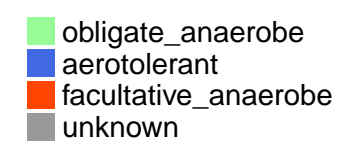
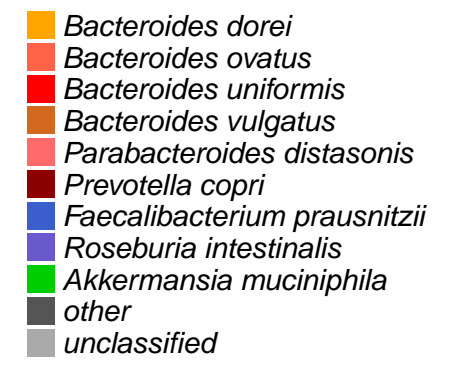
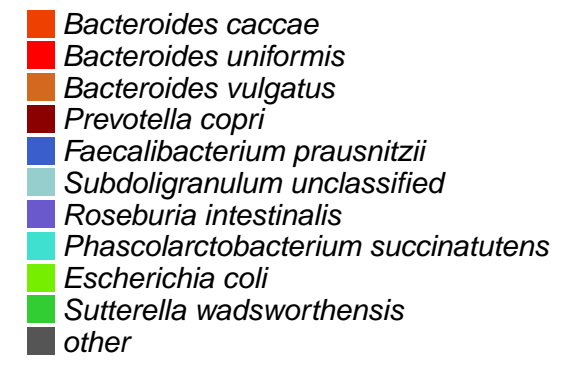
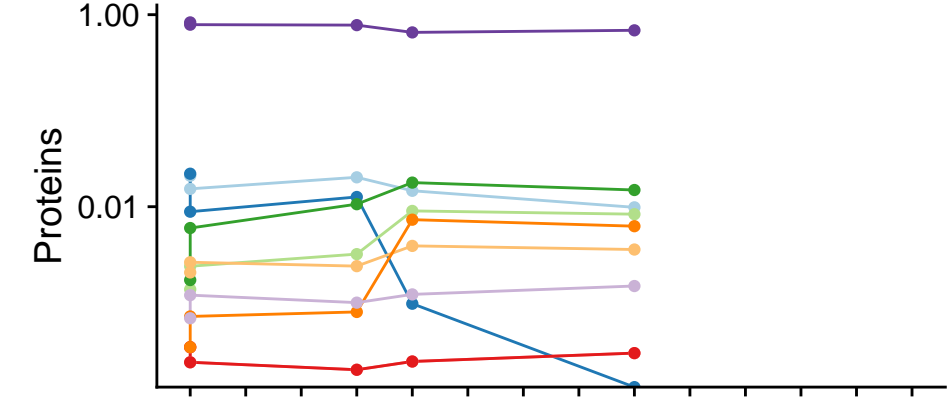
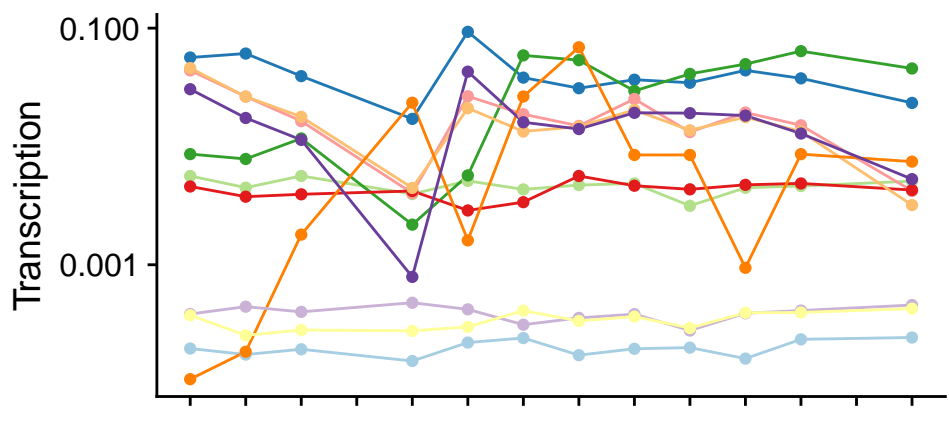
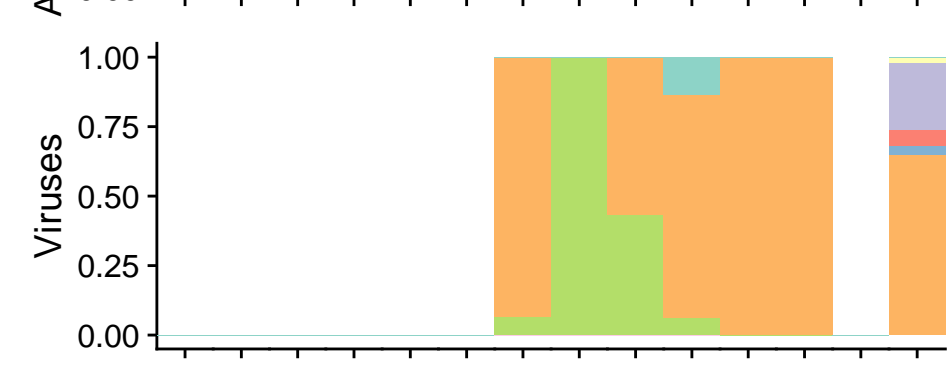
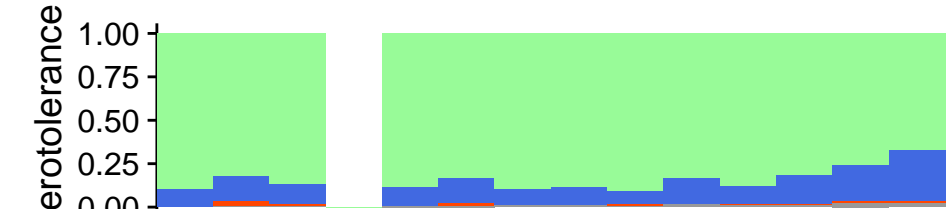
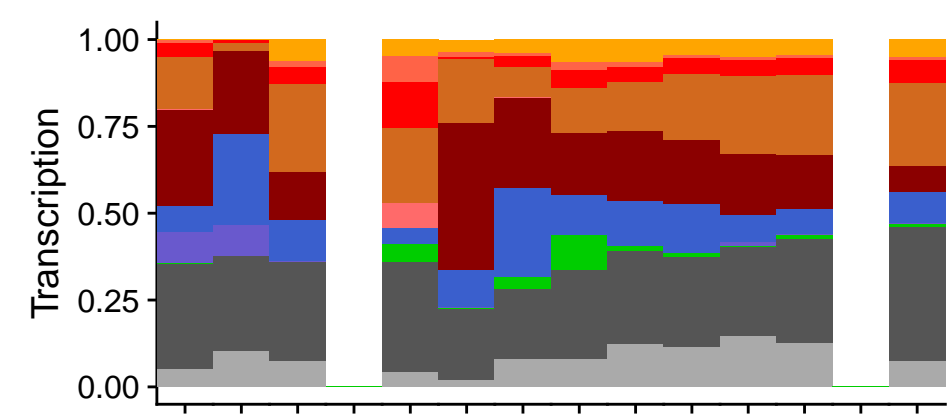
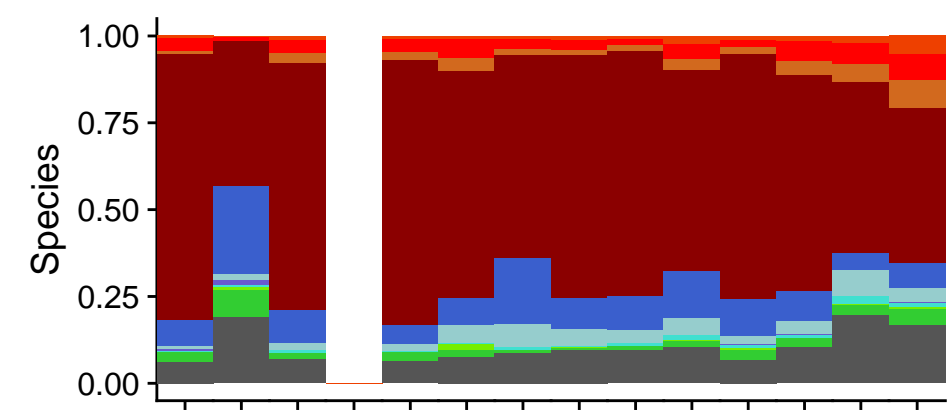
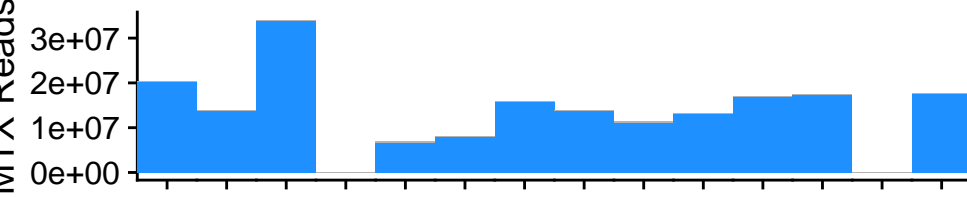
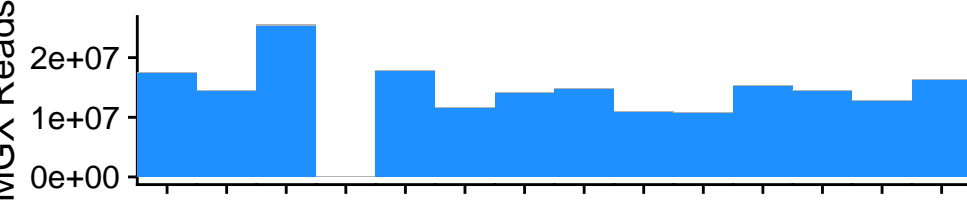
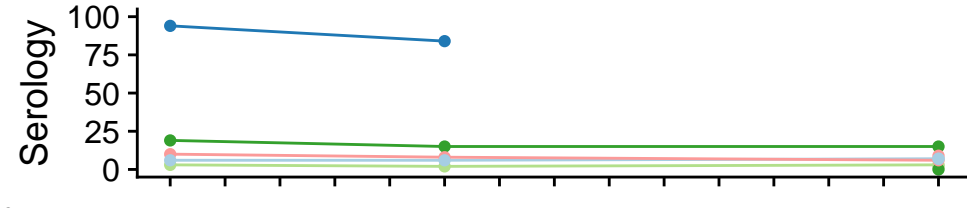
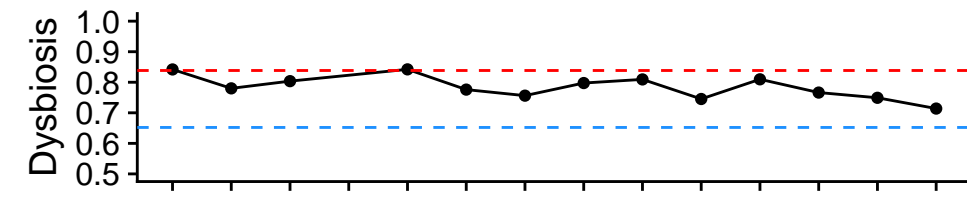
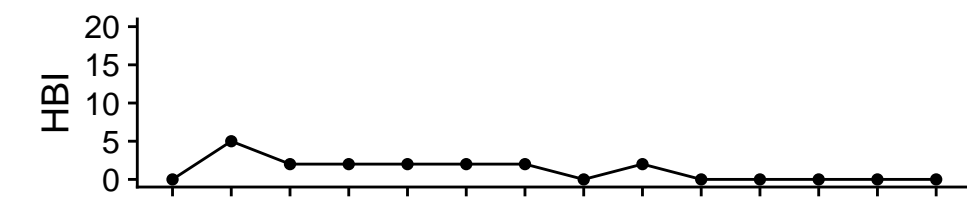
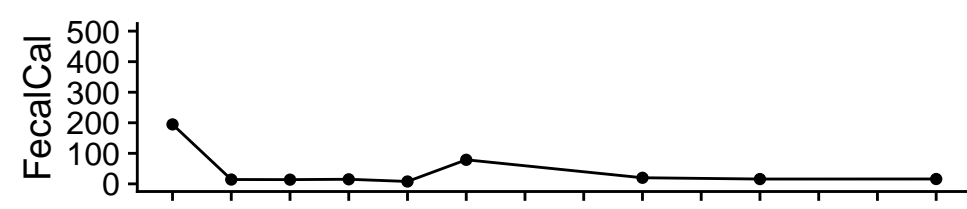
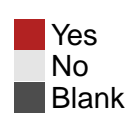
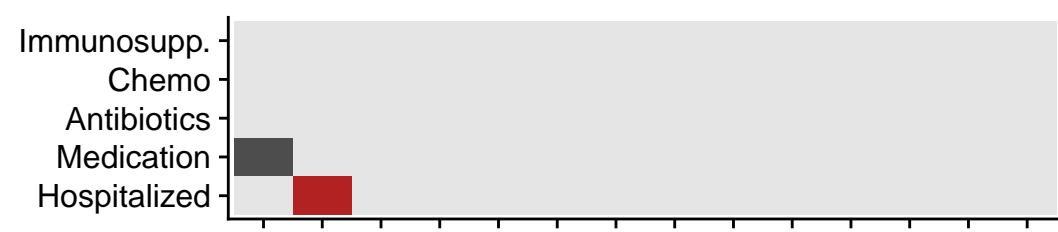
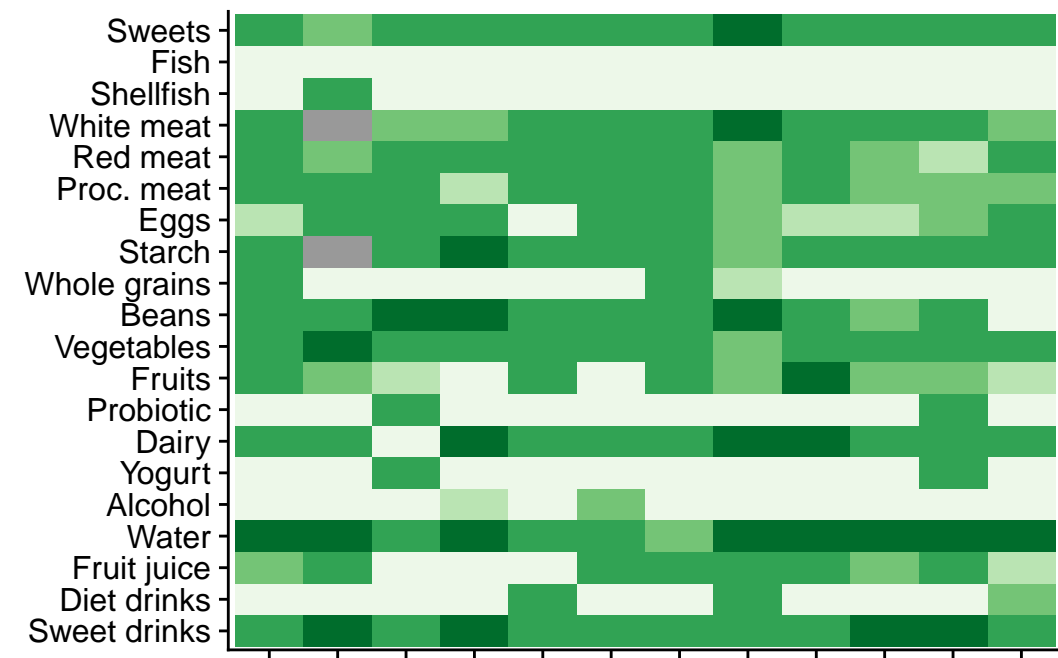
M2025: 43 Female White MGH | CD L2



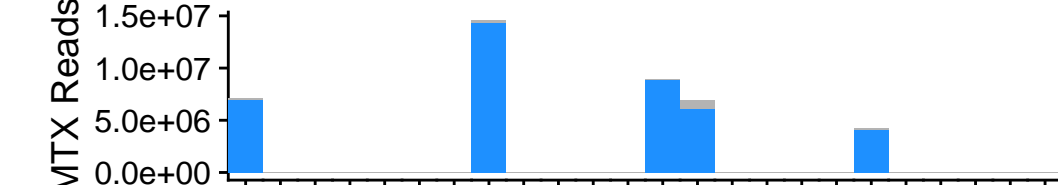
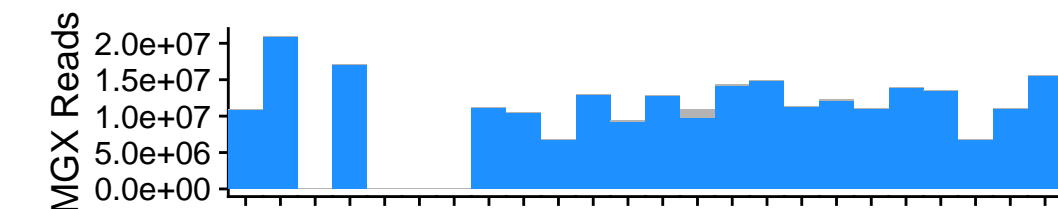
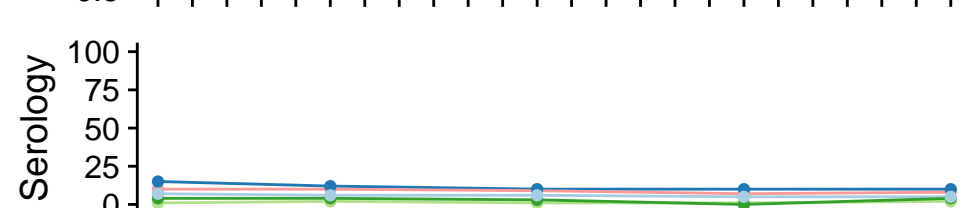
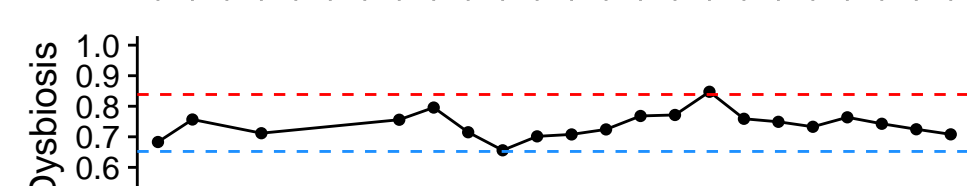
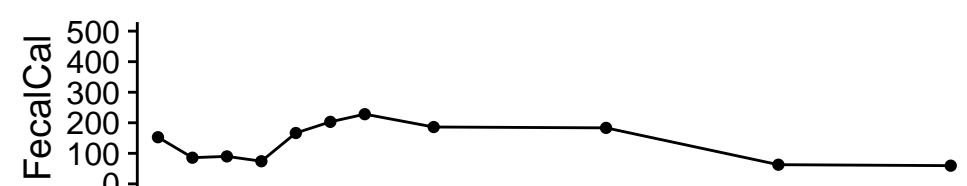
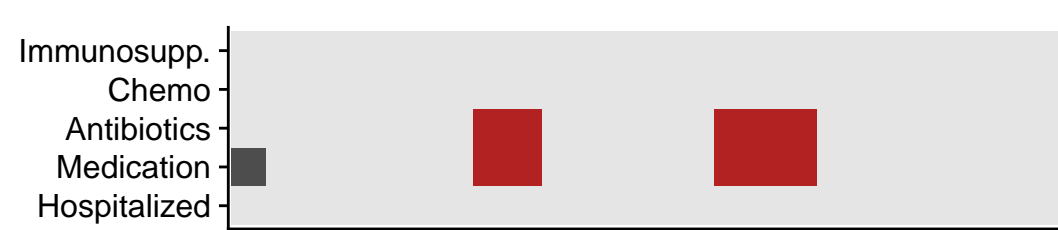
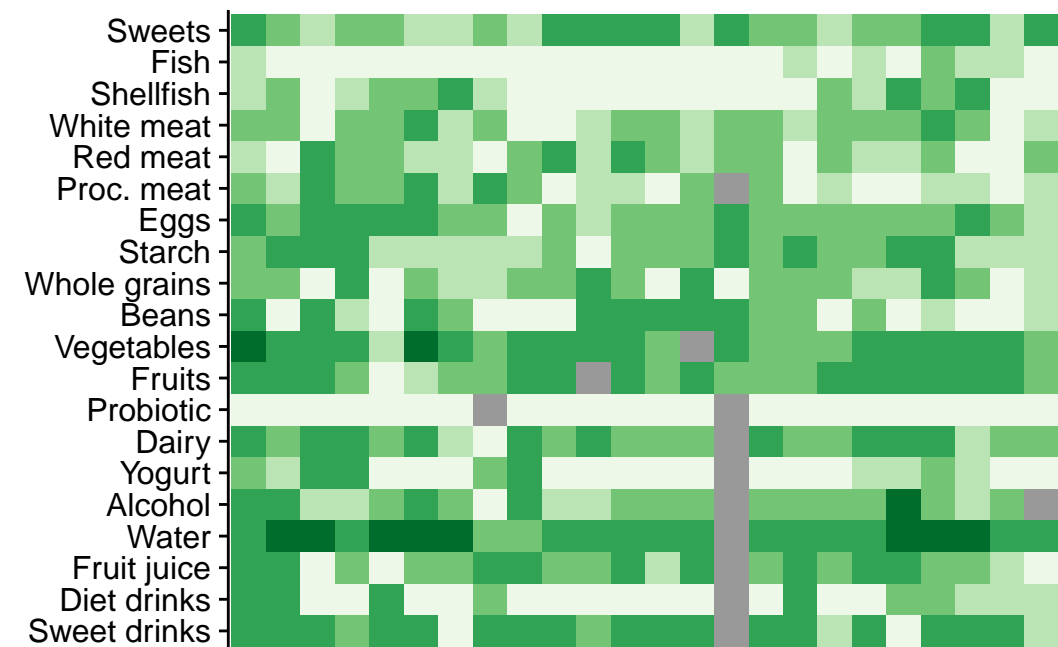
M2026: 21 Female White MGH | UC



M2027: 41 Male Other MGH | CD L1



M2028: 24 Female White MGH | CD L1



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

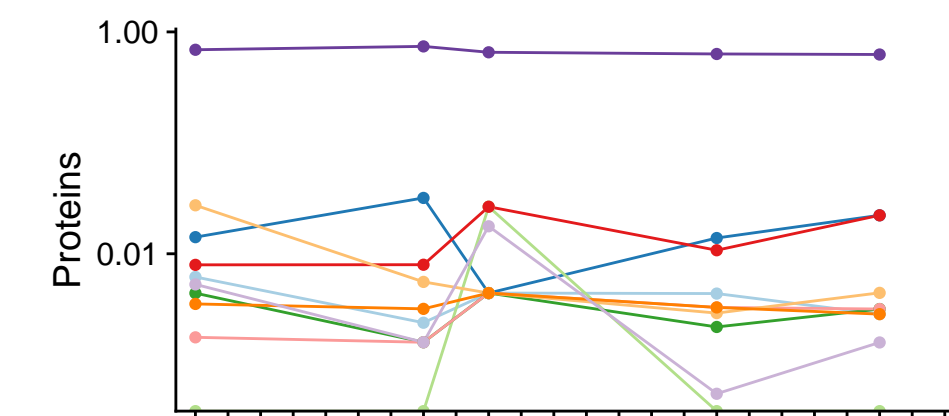
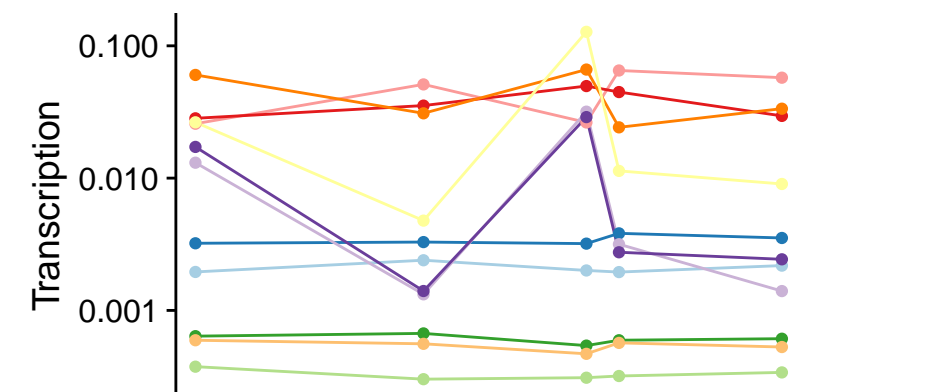
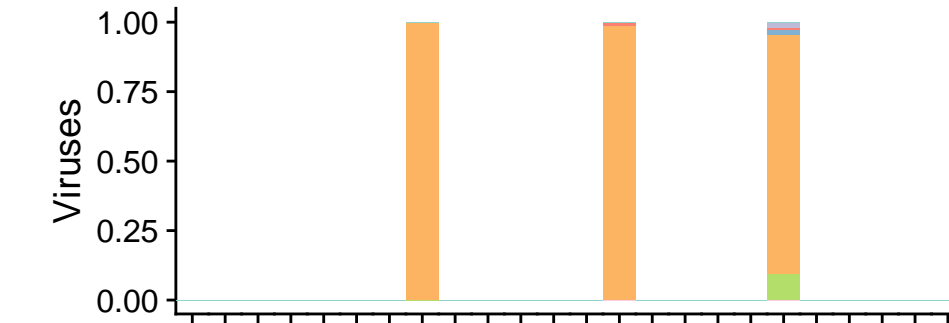
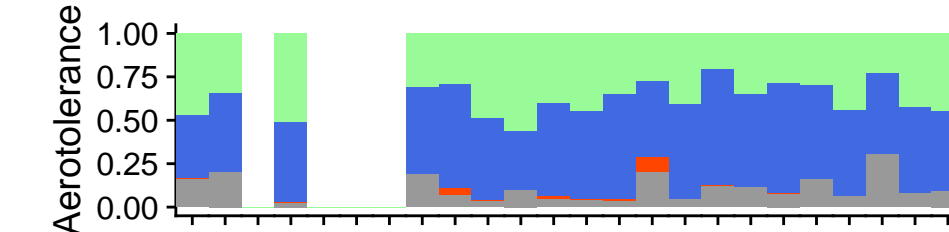
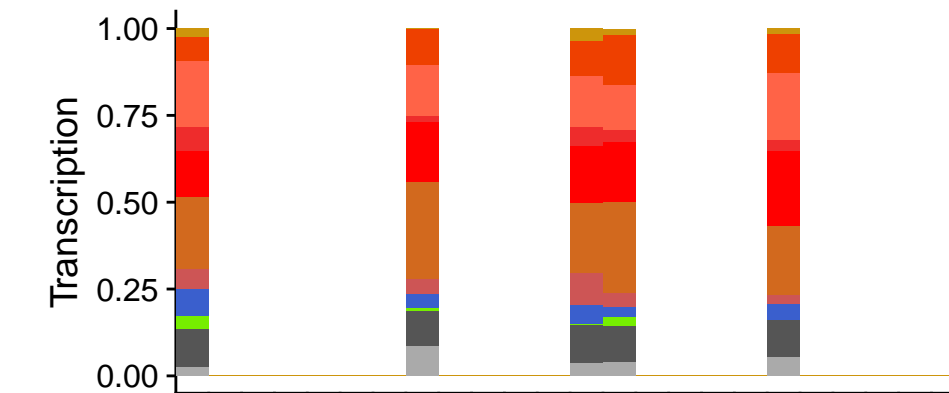
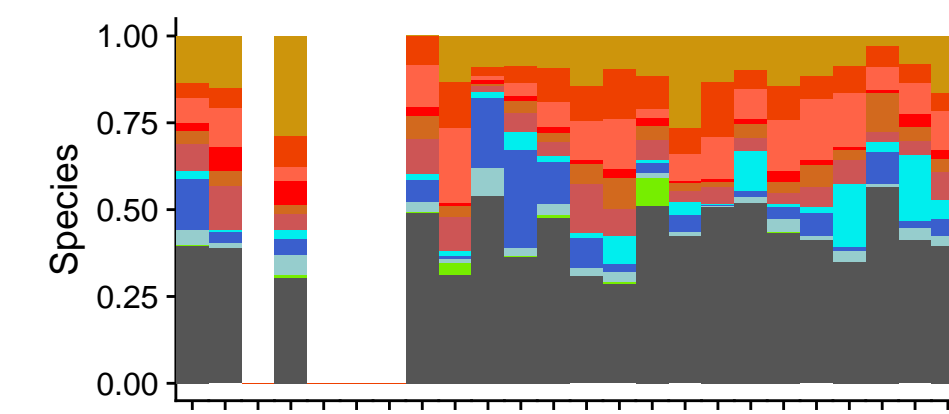
Yes
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Escherichia coli
other

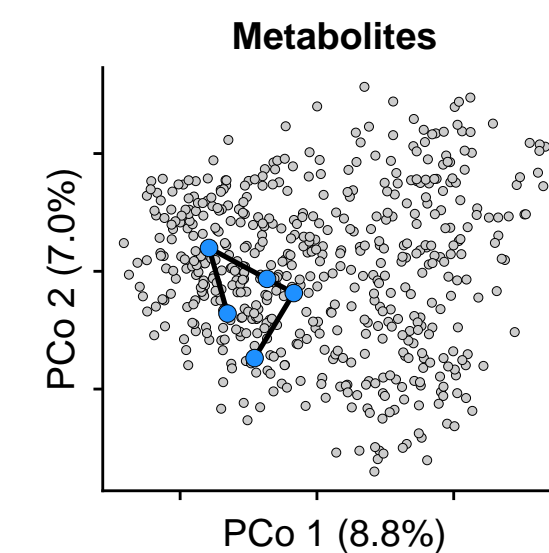
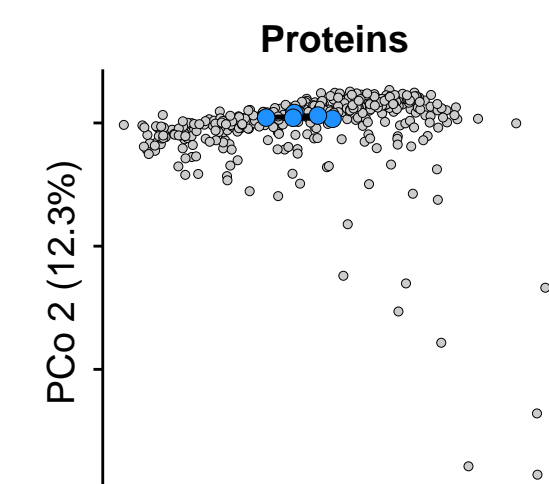
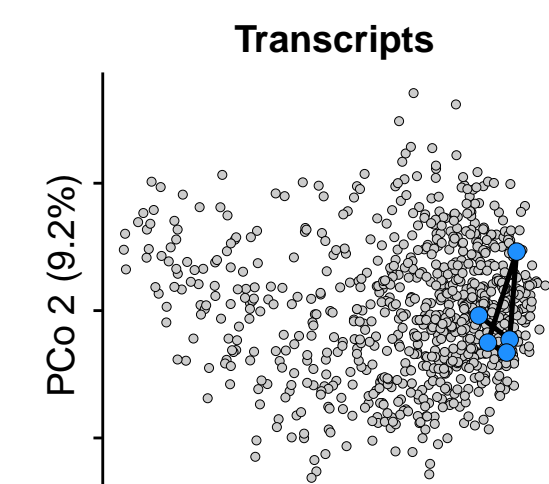
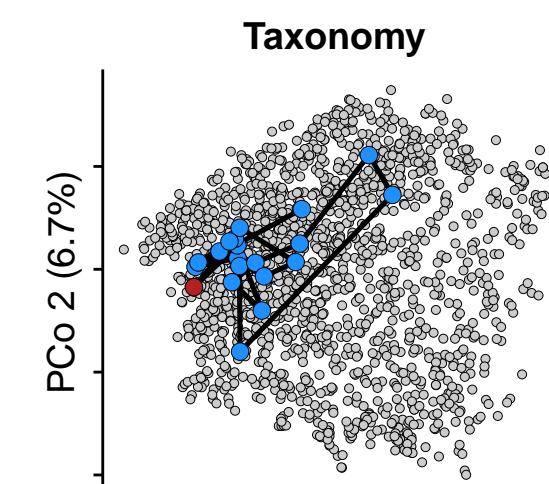
Alistipes putredinis
Bacteroides caccae
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Faecalibacterium prausnitzii
Escherichia coli
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

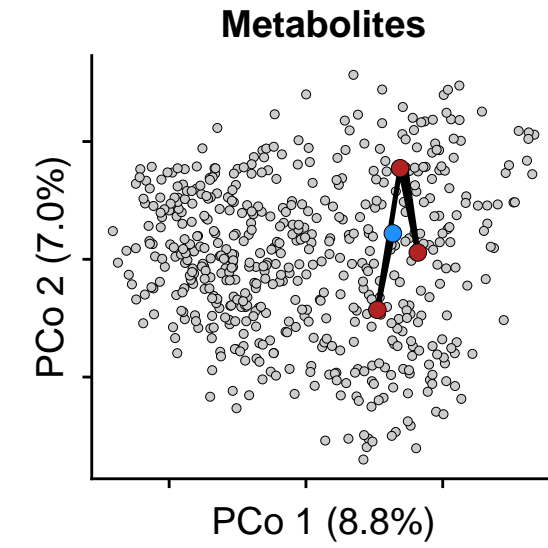
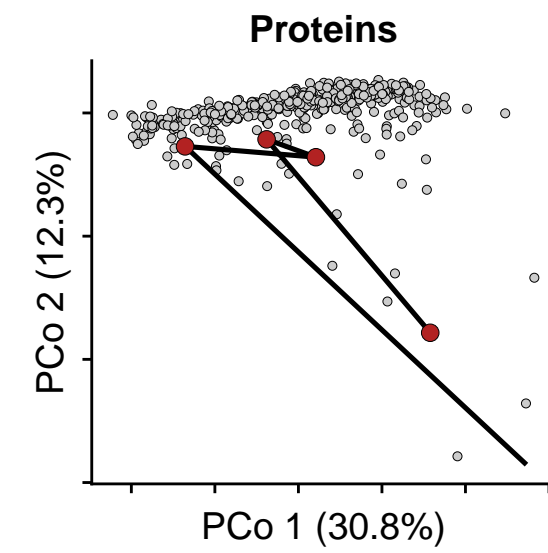
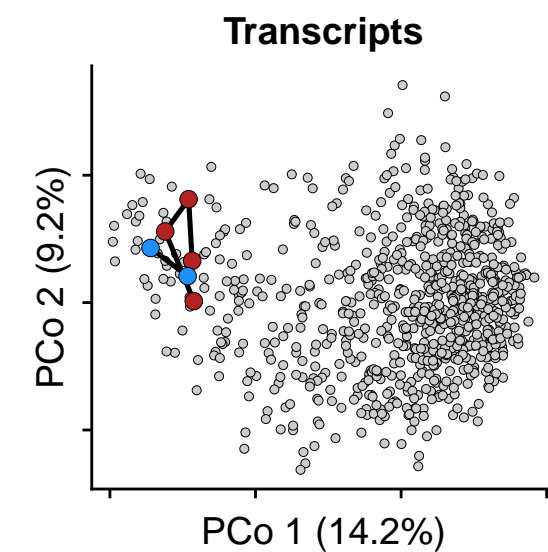
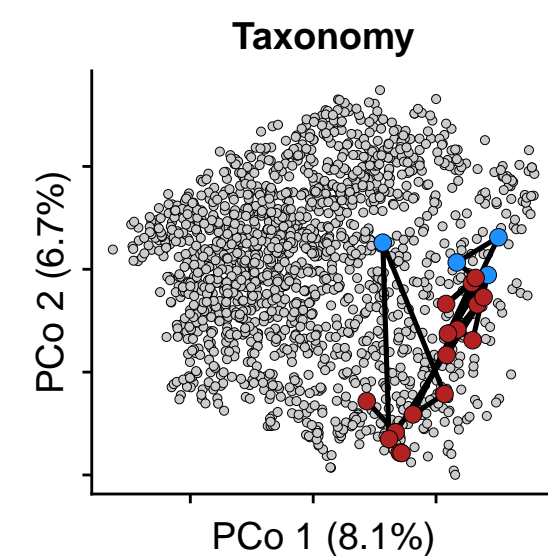
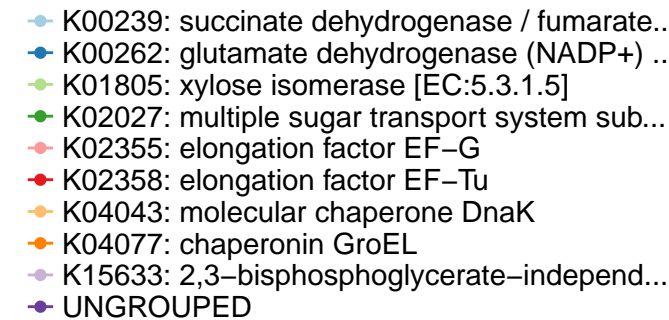
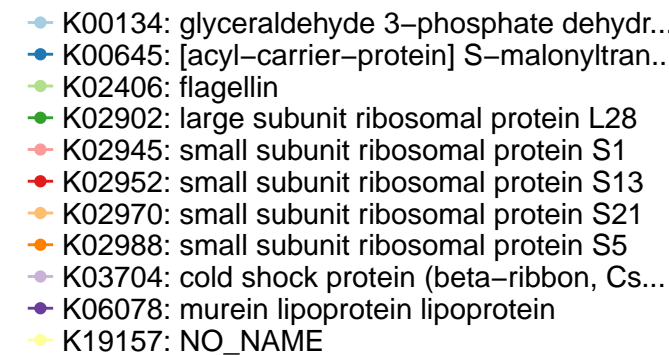
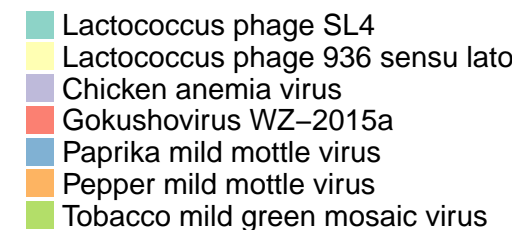
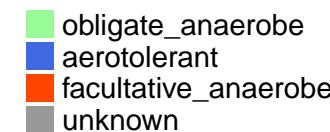
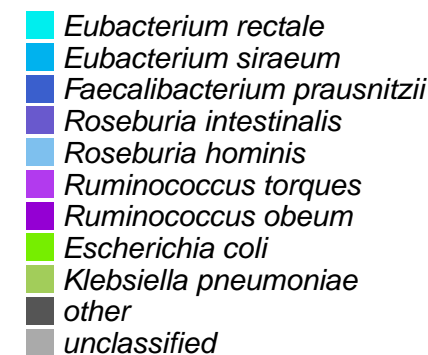
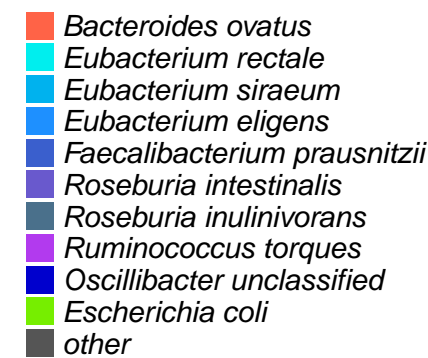
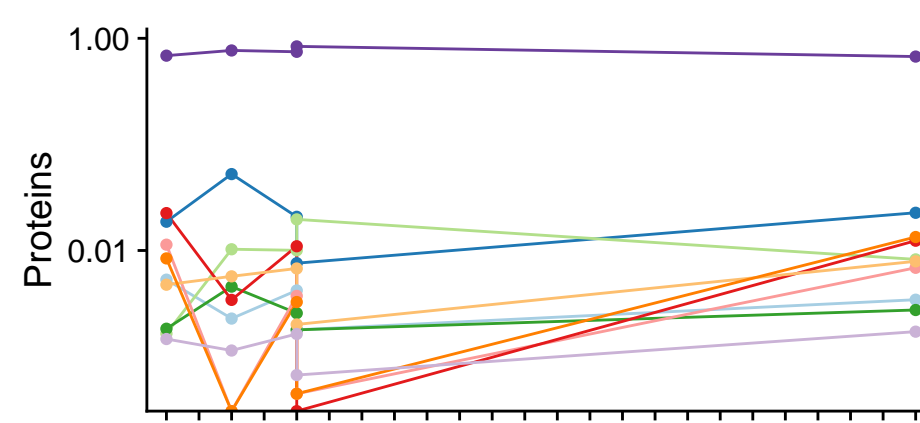
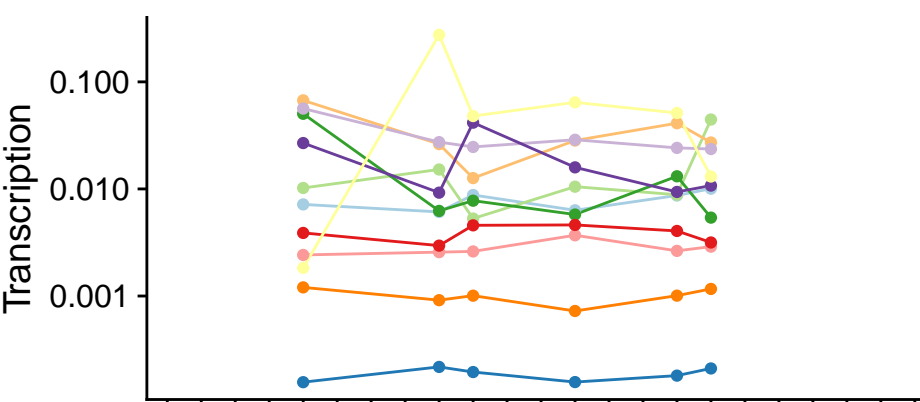
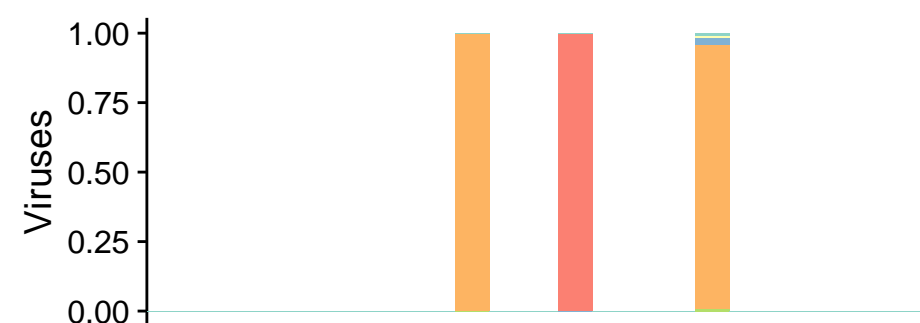
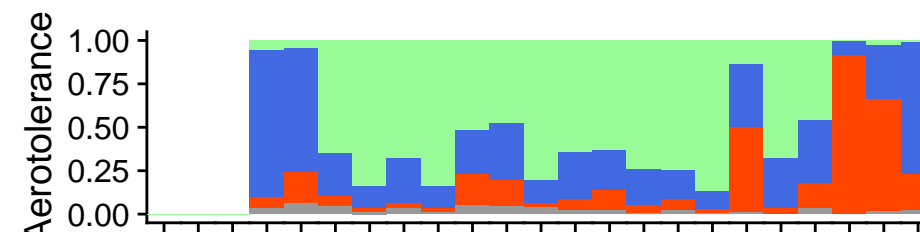
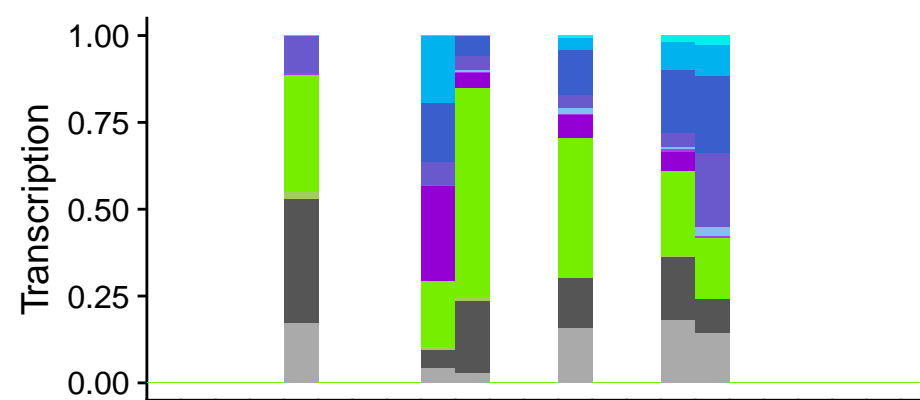
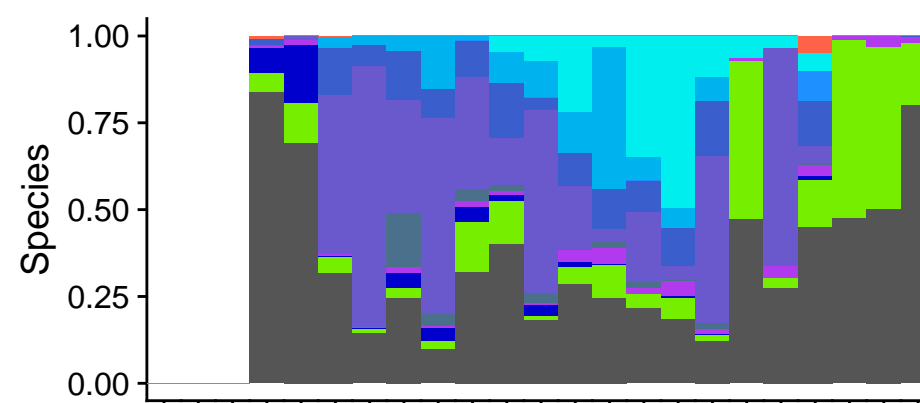
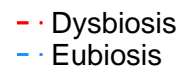
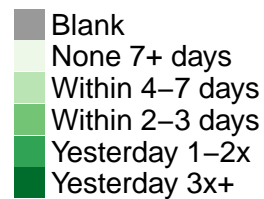
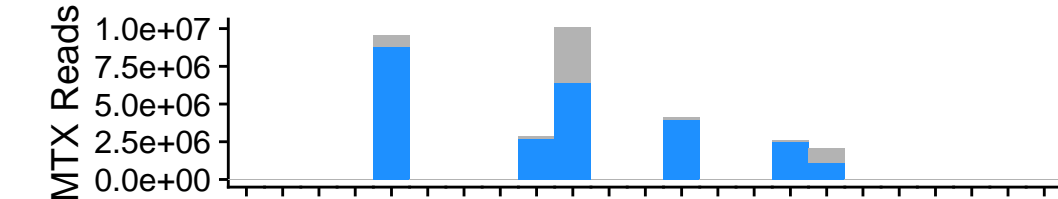
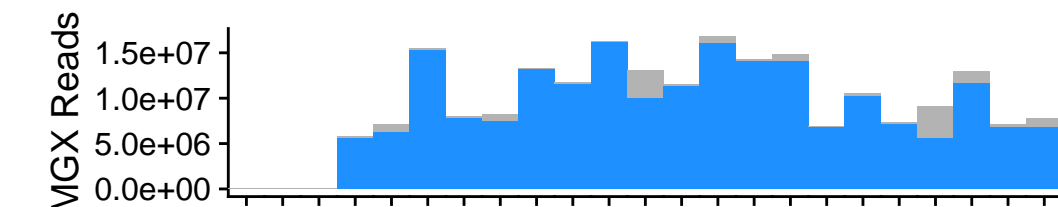
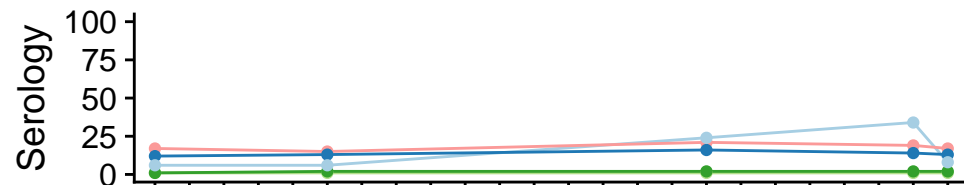
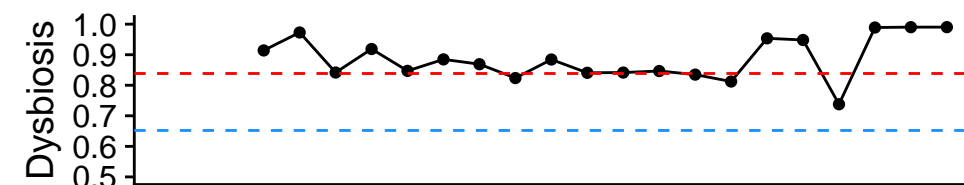
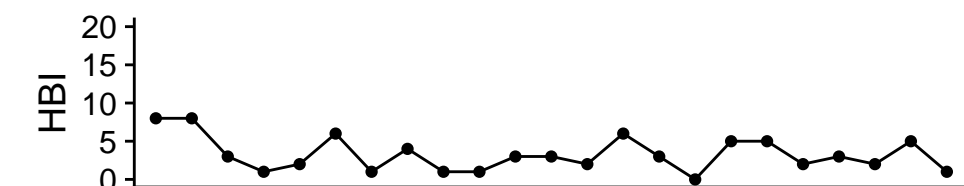
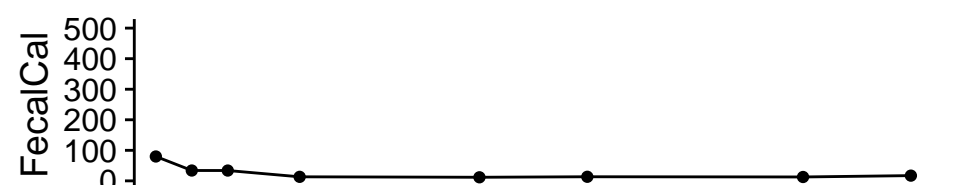
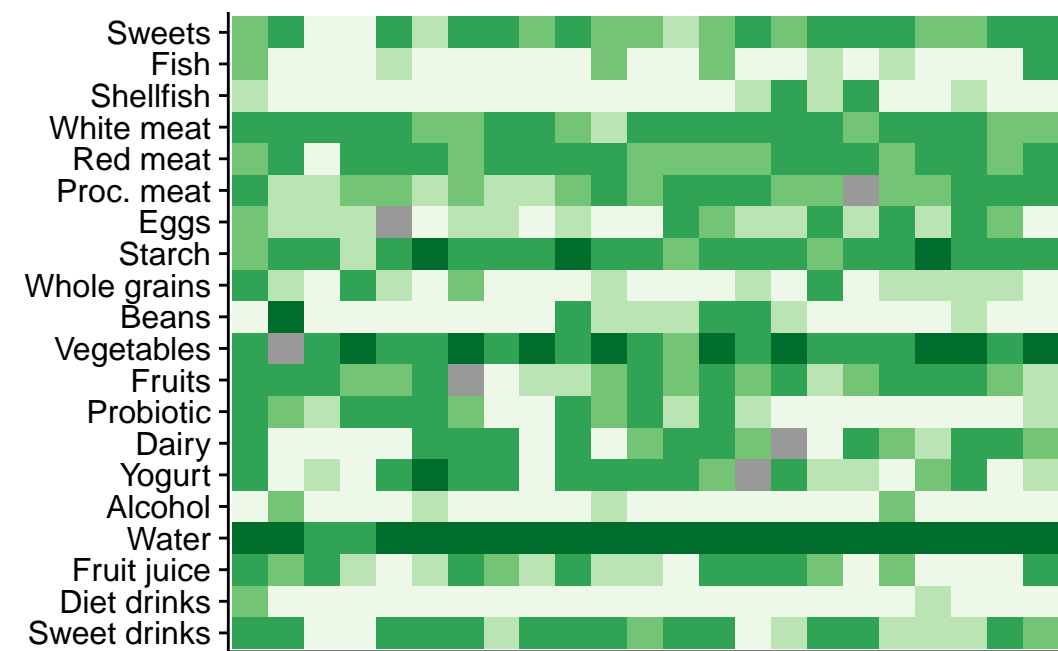
T7virus
Pseudomonas phage PPpW-4
Sk1virus
Lactococcus phage 936 sensu lato
Lactococcus phage P680
Gokushovirus WZ-2015a
Pepper mild mottle virus
other

K00616: transaldolase [EC:2.2.1.2]
K00850: 6-phosphofructokinase 1 [EC:2.7.1....]
K01619: deoxyribose-phosphate aldolase [E...]
K01876: aspartyl-tRNA synthetase [EC:6.1.1...]
K02078: acyl carrier protein
K02968: small subunit ribosomal protein S20
K03075: preprotein translocase subunit SecG
K03088: RNA polymerase sigma-70 factor, E...
K03686: molecular chaperone DnaJ
K04077: chaperonin GroEL
K04078: chaperonin GroES

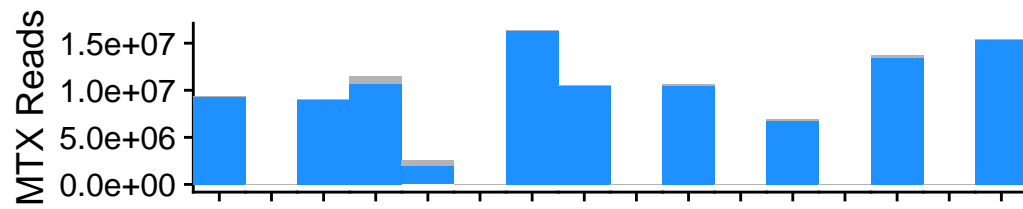
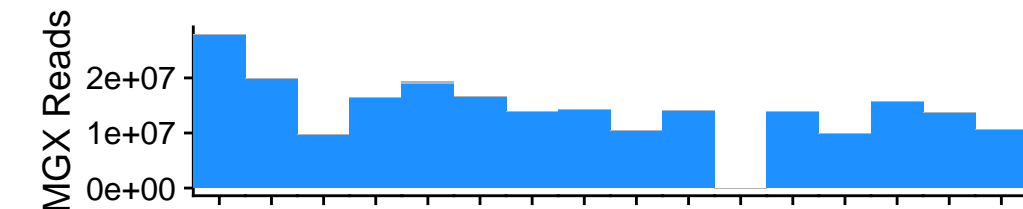
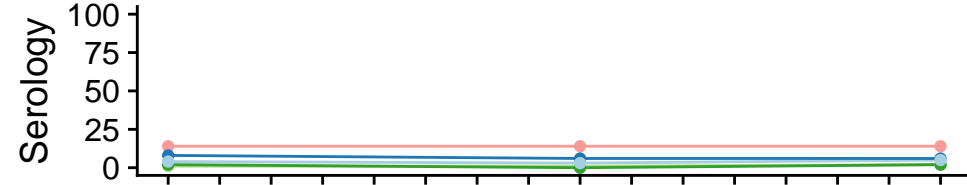
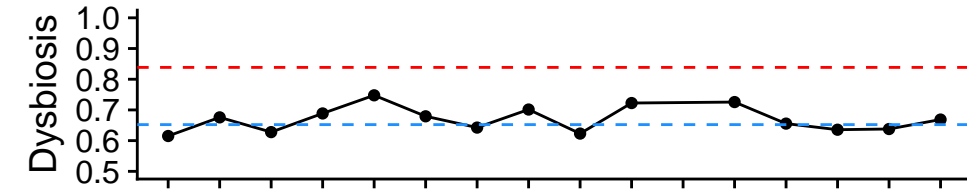
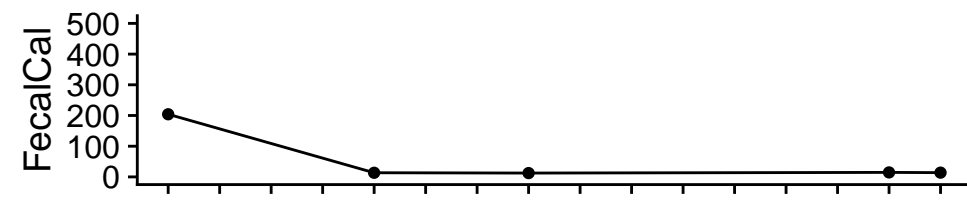
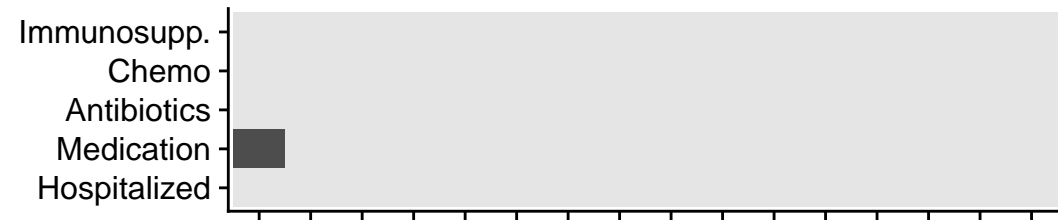
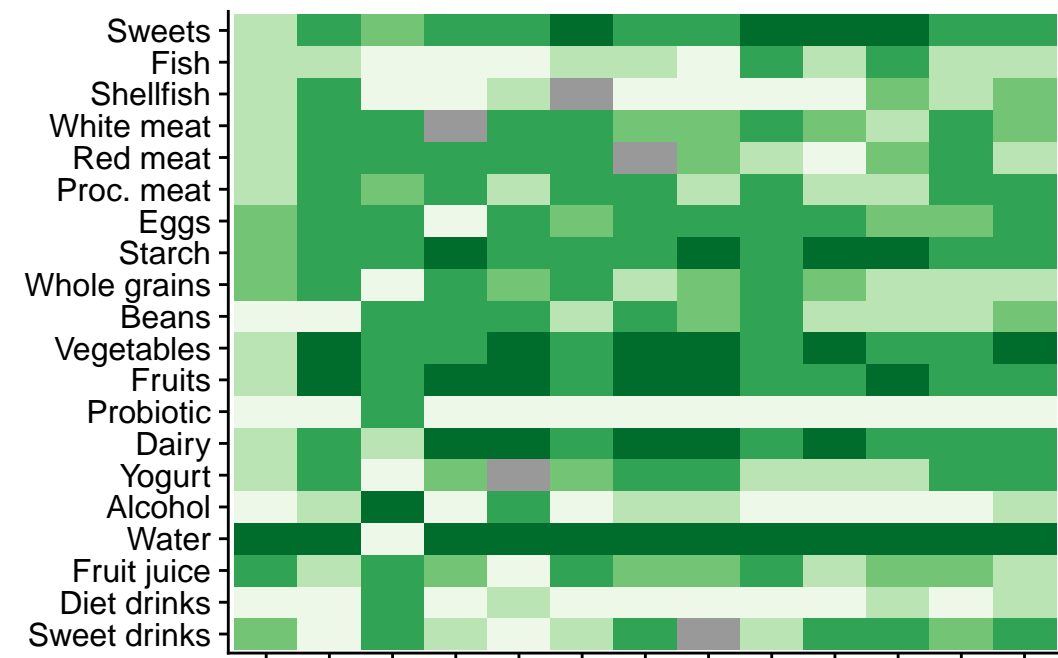
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01744: aspartate ammonia-lyase [EC:4.3.1...]
K02982: small subunit ribosomal protein S3
K02986: small subunit ribosomal protein S4
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
K10439: ribose transport system substrate-b...
UNGROUPED



M2034: 22 Female White MGH | CD L3



M2039: 40 Female White MGH | nonIBD



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

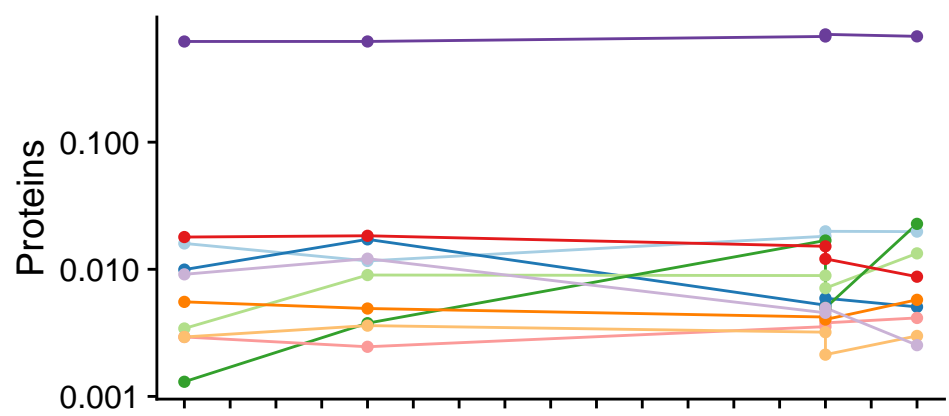
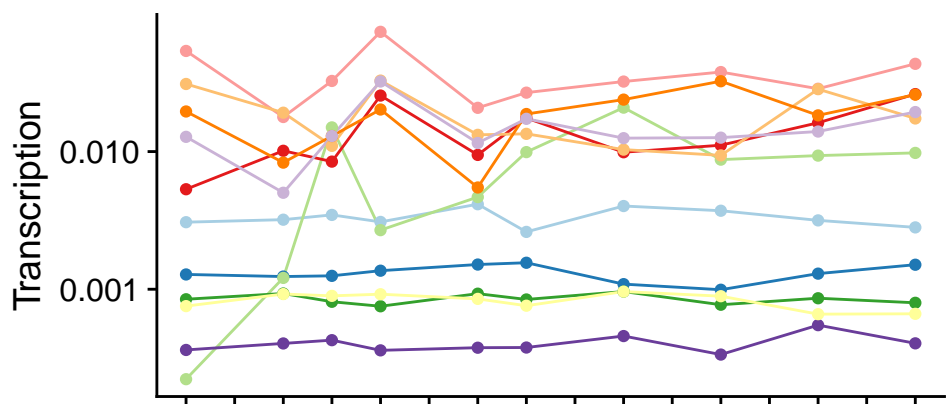
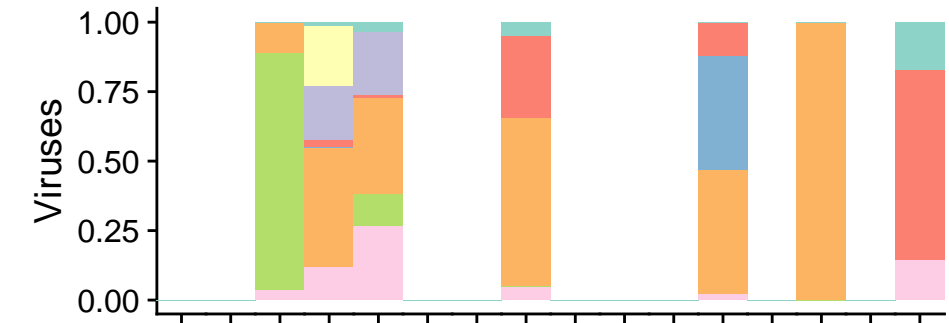
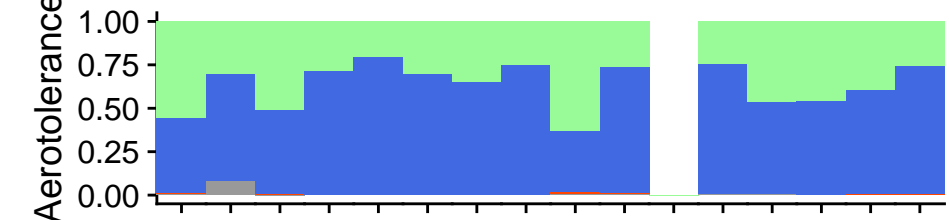
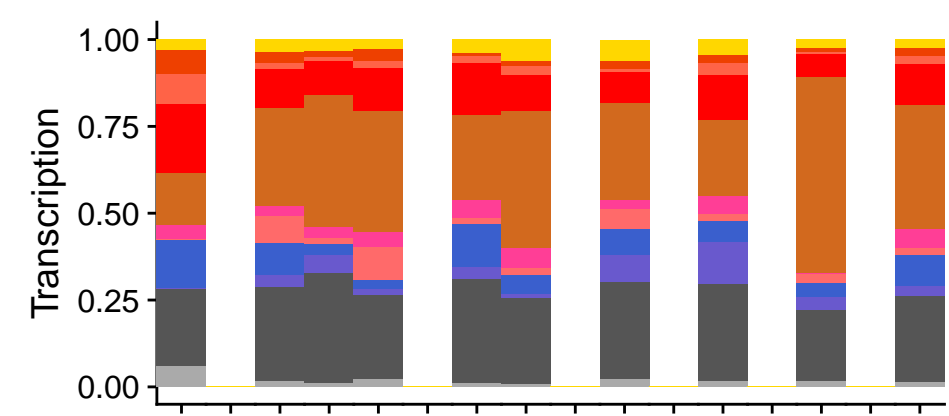
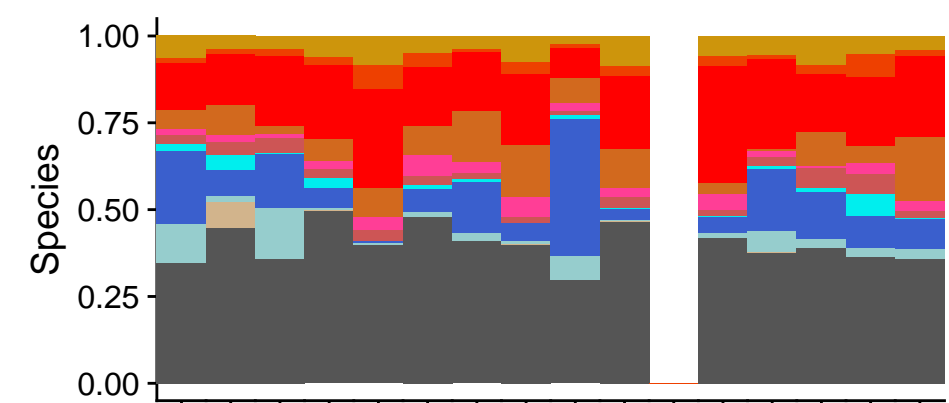
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Parabacteroides merdae
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
C2likevirus unclassified
other

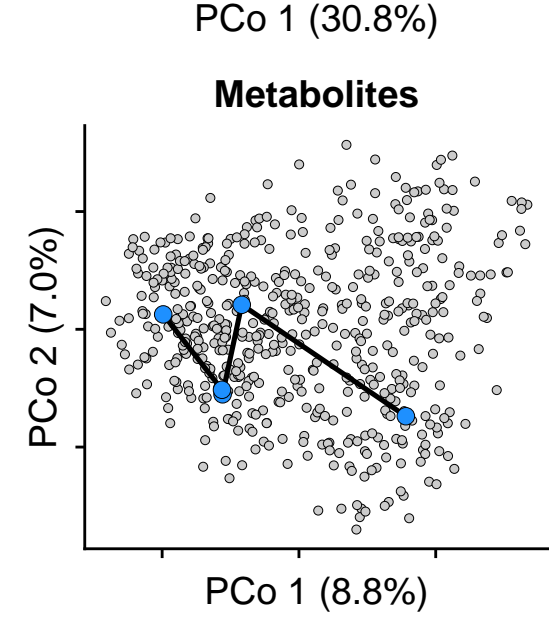
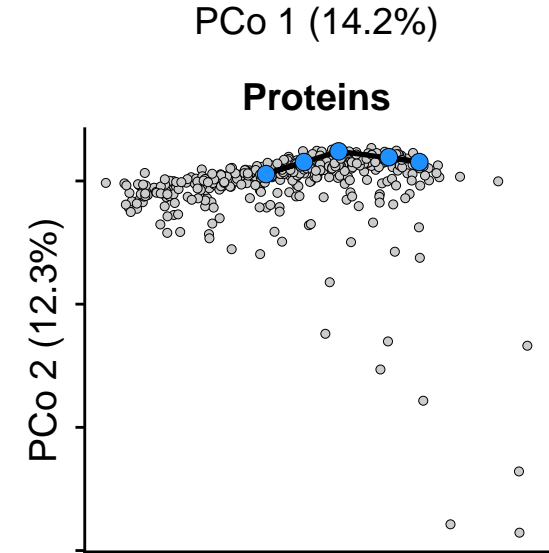
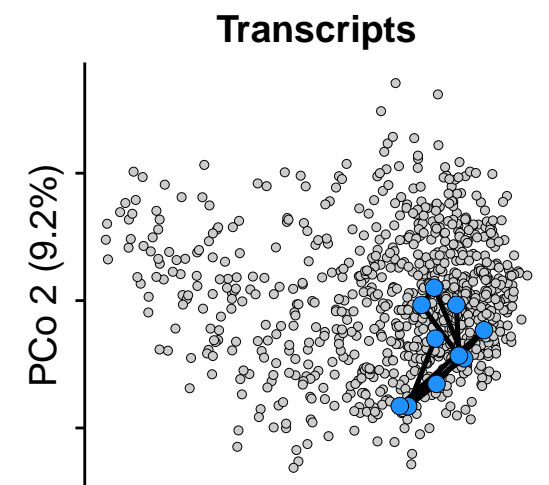
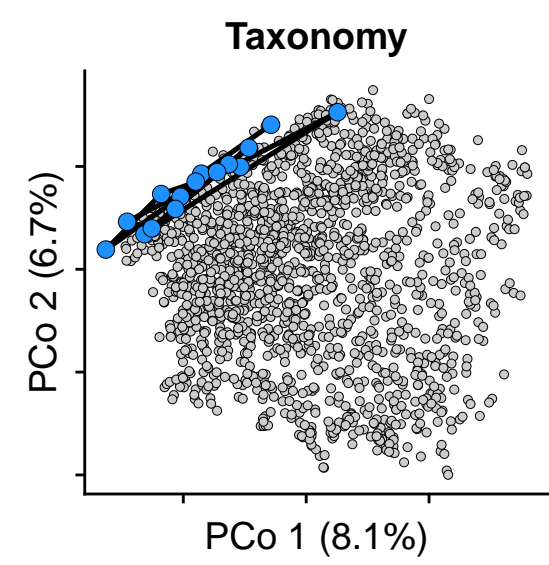
Alistipes onderdonkii
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Parabacteroides distasonis
Faecalibacterium prausnitzii
Roseburia intestinalis
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

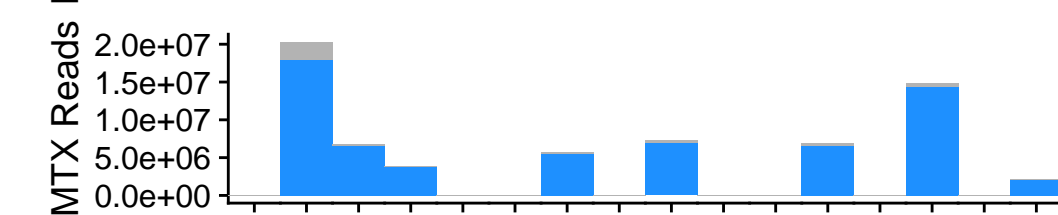
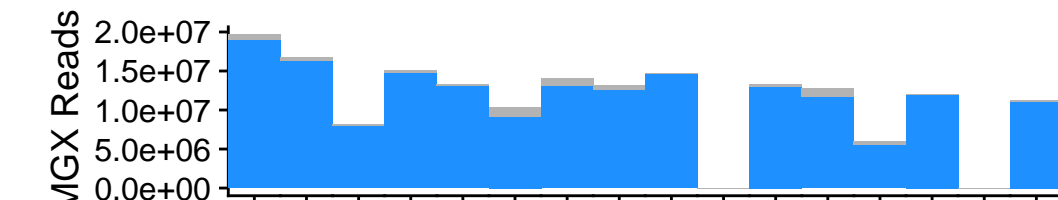
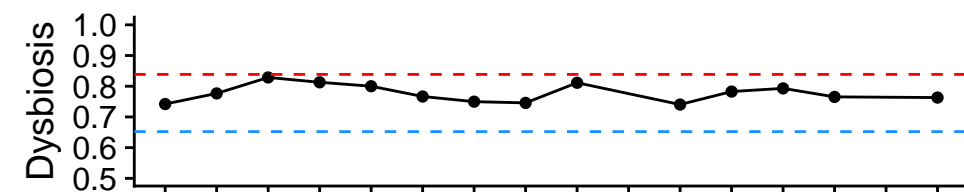
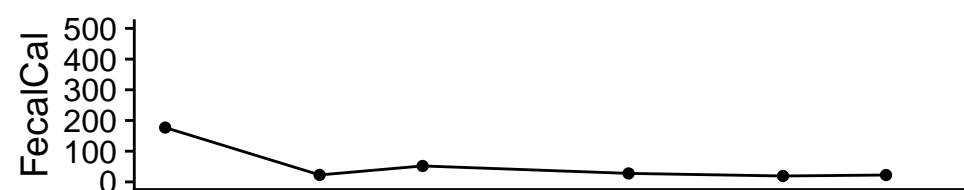
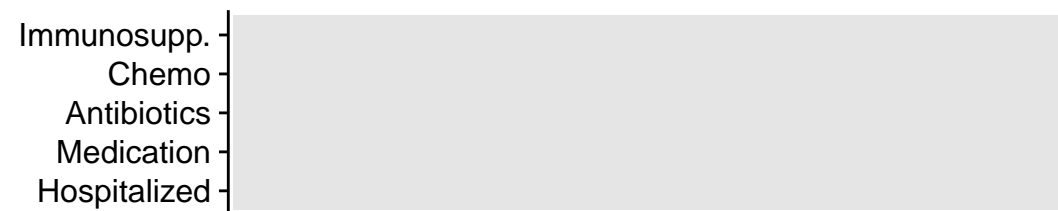
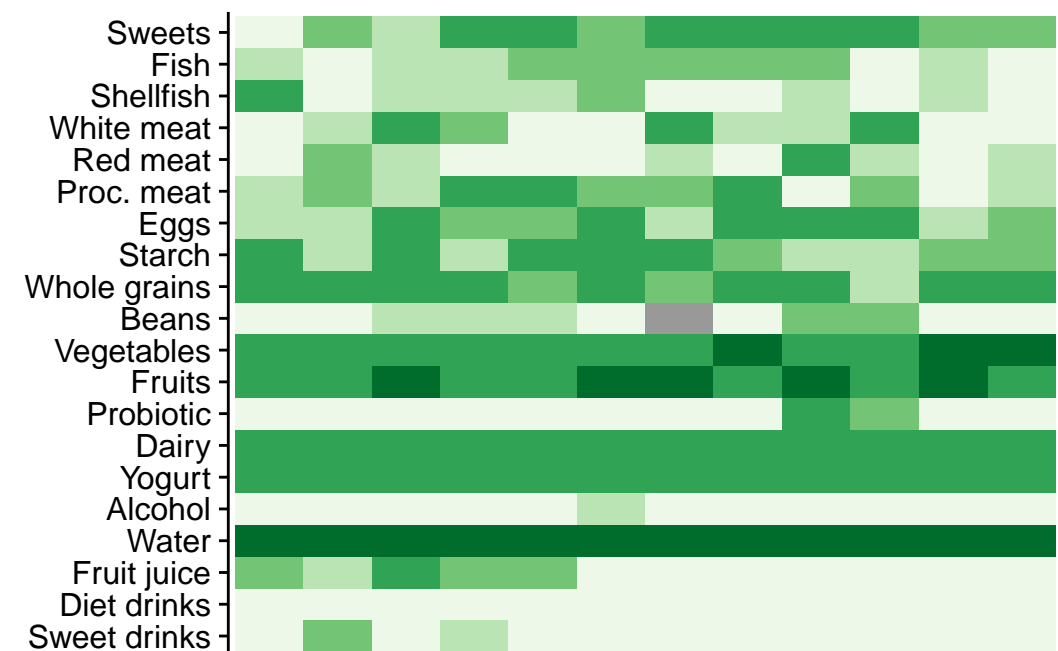
Pseudomonas phage PPpW-4
Lactococcus phage P008
Lactococcus phage 936 sensu lato
Gokushovirus WZ-2015a
Cucumber leaf spot virus
Pepper mild mottle virus
Tomato mosaic virus
other

K00134: glyceraldehyde 3-phosphate dehydr...
K01810: glucose-6-phosphate isomerase [E...
K01834: 2,3-bisphosphoglycerate-depende...
K01876: aspartyl-tRNA synthetase [EC:6.1.1...
K02078: acyl carrier protein
K02956: small subunit ribosomal protein S15
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03530: DNA-binding protein HU-beta
K06168: bifunctional enzyme involved in thiol...
K07568: S-adenosylmethionine:tRNA ribosyl...

K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02027: multiple sugar transport system sub...
K02358: elongation factor EF-Tu
K02931: large subunit ribosomal protein L5
K03046: DNA-directed RNA polymerase sub...
K03737: pyruvate-ferredoxin/flavodoxin oxido...
UNGROUPED



M2041: 55 Male White MGH | nonIBD



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

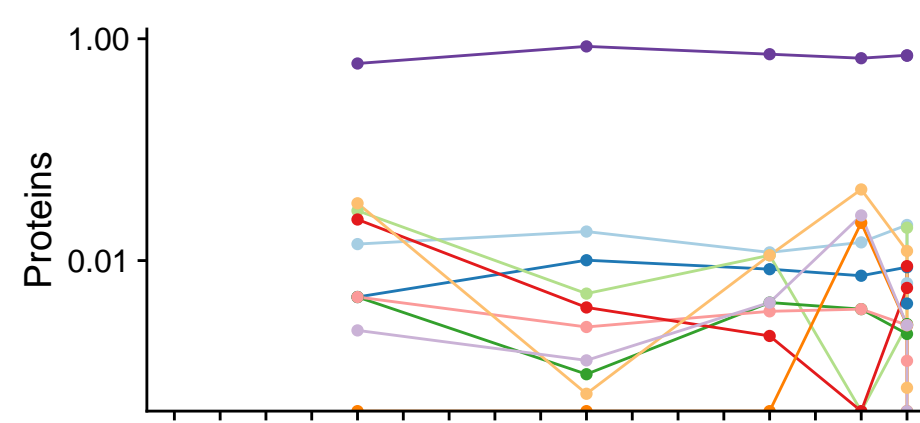
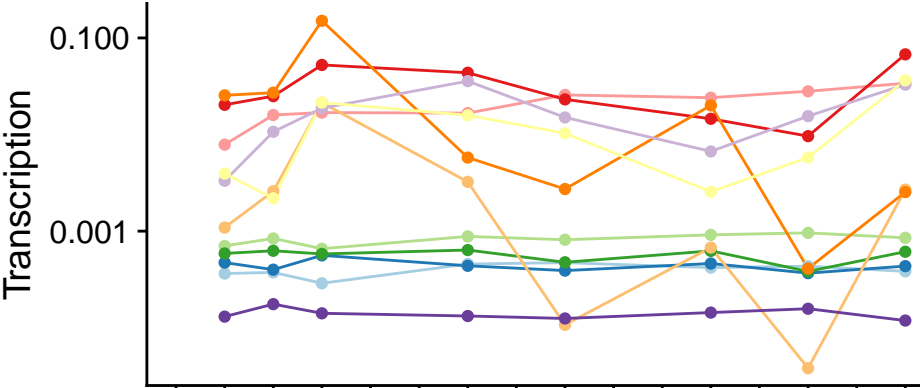
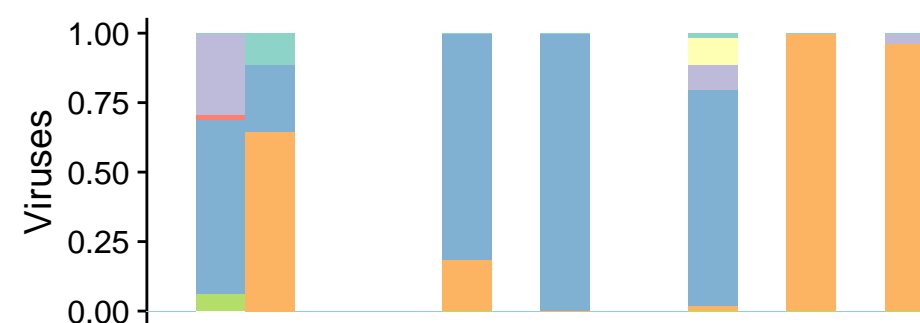
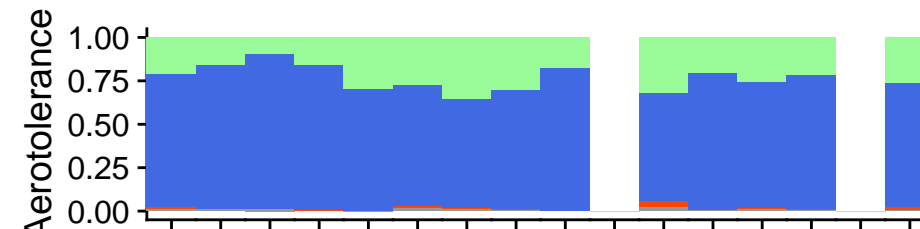
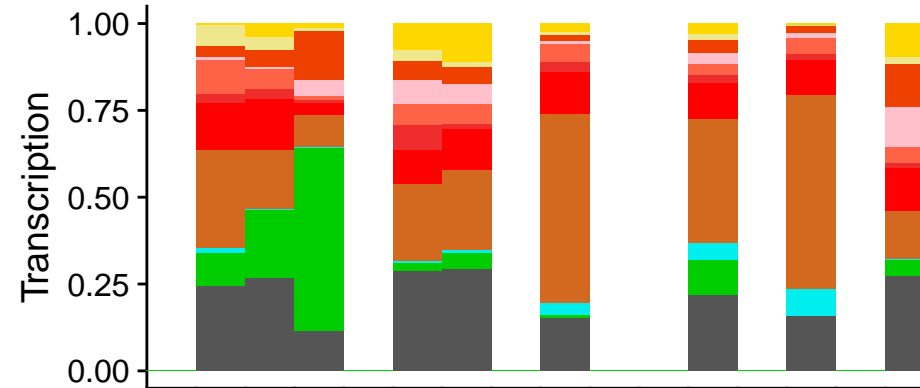
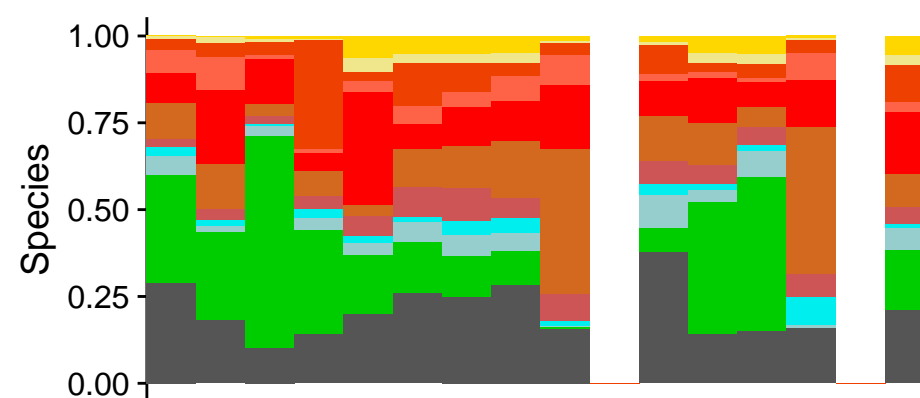
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes onderdonkii
Alistipes finegoldii
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Eubacterium rectale
Subdoligranulum unclassified
Akkermansia muciniphila
other

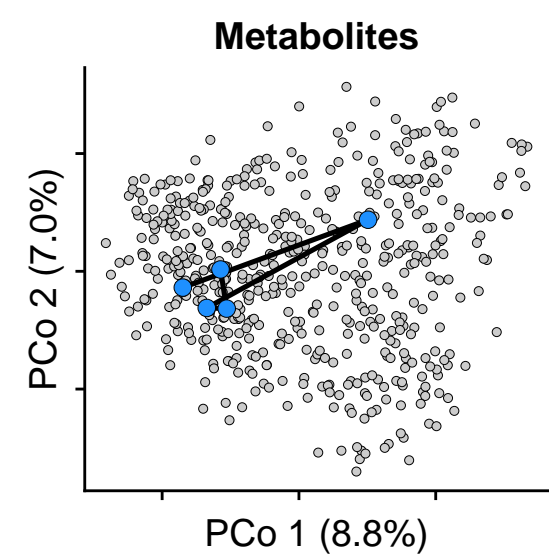
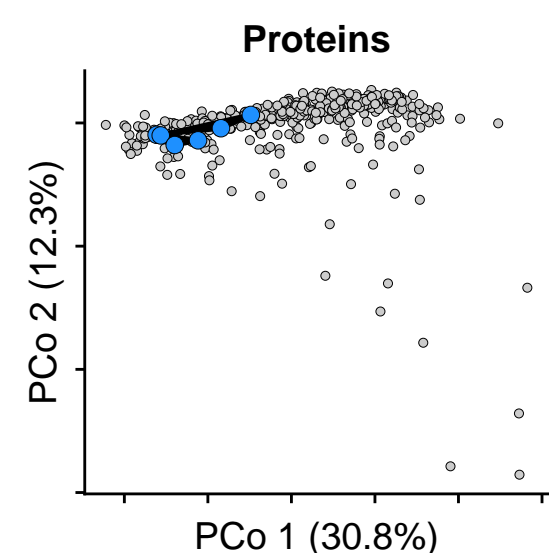
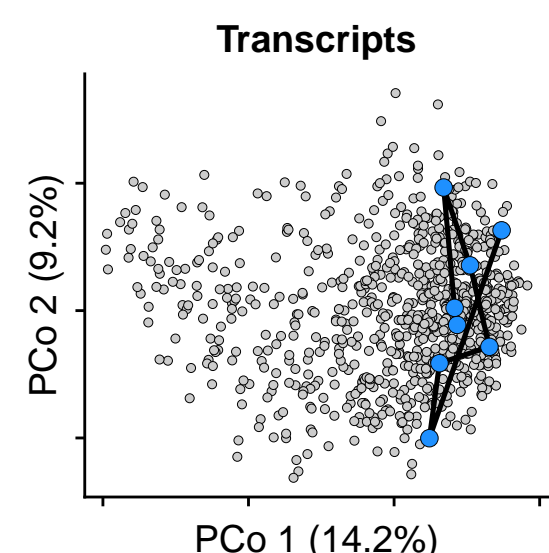
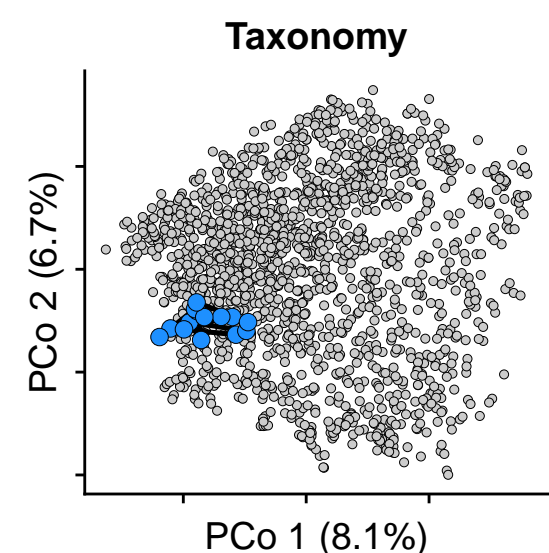
Alistipes onderdonkii
Alistipes finegoldii
Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Eubacterium rectale
Akkermansia muciniphila
other

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

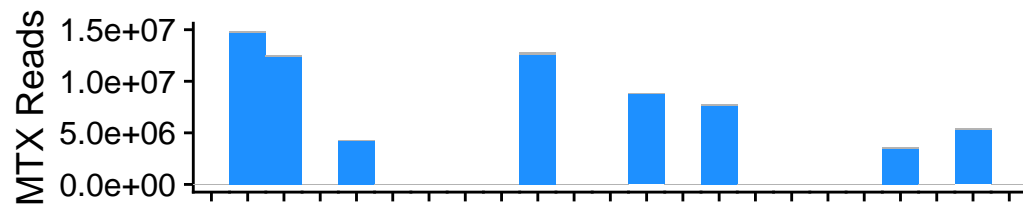
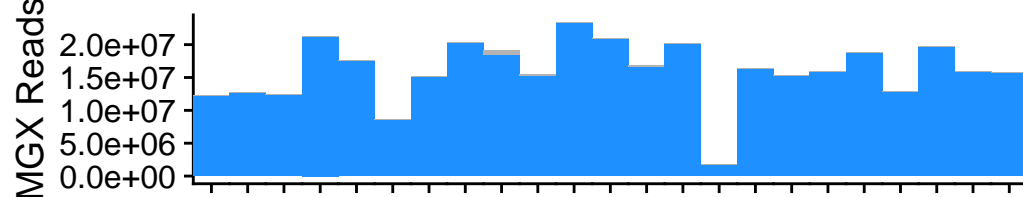
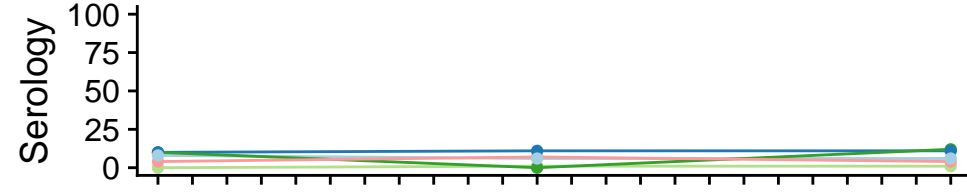
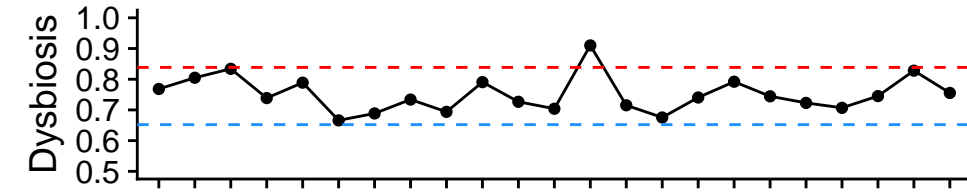
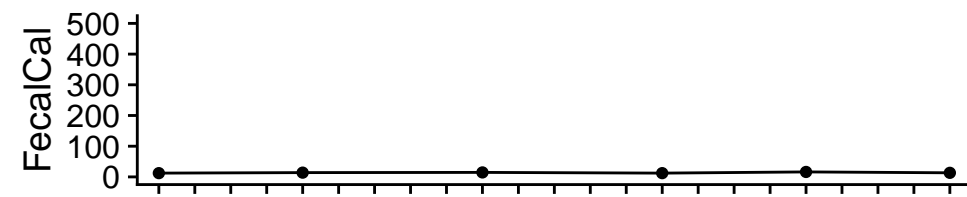
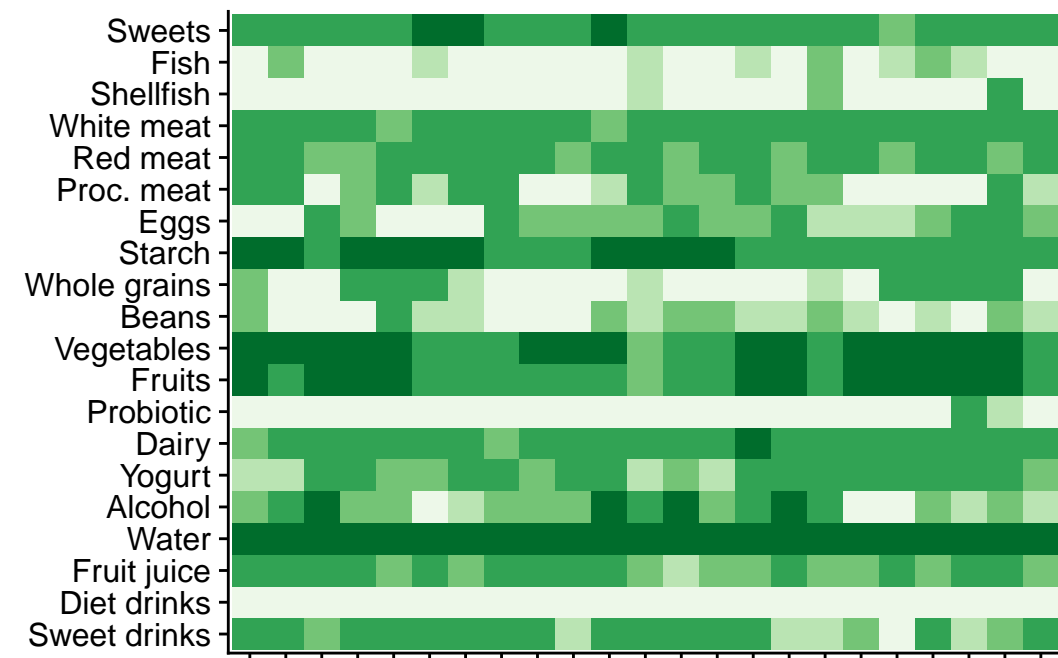
T7virus
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Porcine circovirus 3
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tobamovirus

K00057: glycerol-3-phosphate dehydrogena...
K00566: tRNA-specific 2-thiouridylase [EC:2...
K00789: S-adenosylmethionine synthetase [...
K01875: seryl-tRNA synthetase [EC:6.1.1.11]
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03695: ATP-dependent Clp protease ATP-...
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K09812: cell division transport system ATP-b...
K13993: HSP20 family protein

K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K02358: elongation factor EF-Tu
K02867: large subunit ribosomal protein L11
K02996: small subunit ribosomal protein S9
K04043: molecular chaperone DnaK
K10117: raffinose/stachyose/melibiose transp...
K10439: ribose transport system substrate-b...
K10540: methyl-galactoside transport syste...
UNGROUPED



M2042: 44 Male White MGH | nonIBD



None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

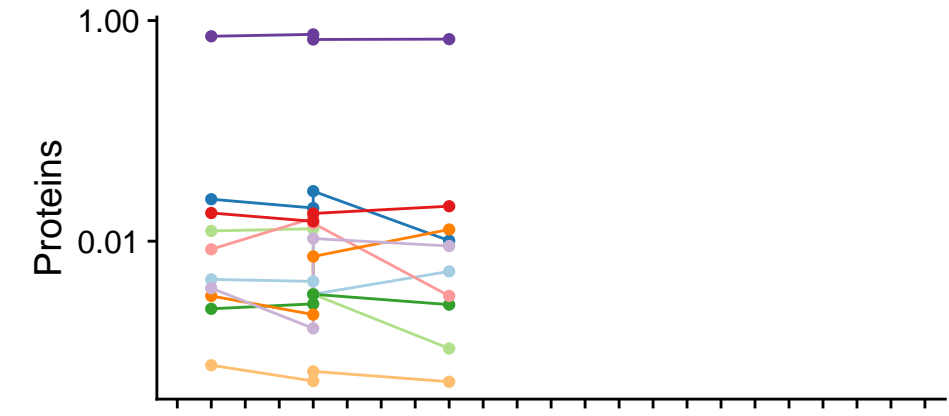
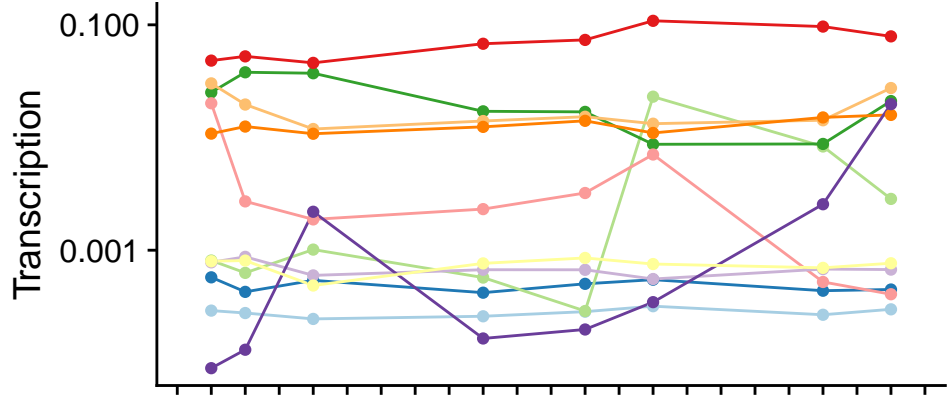
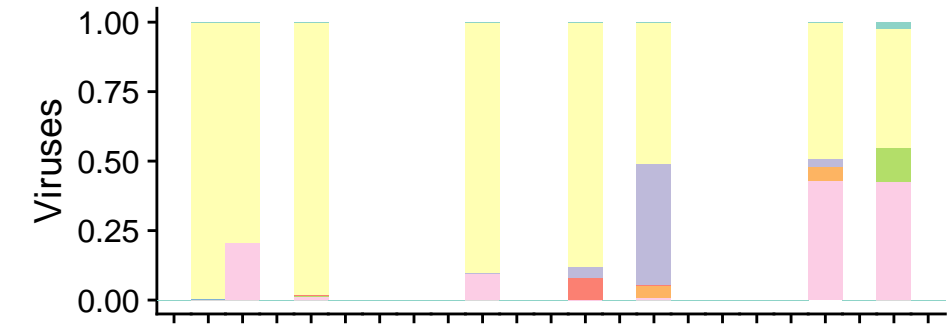
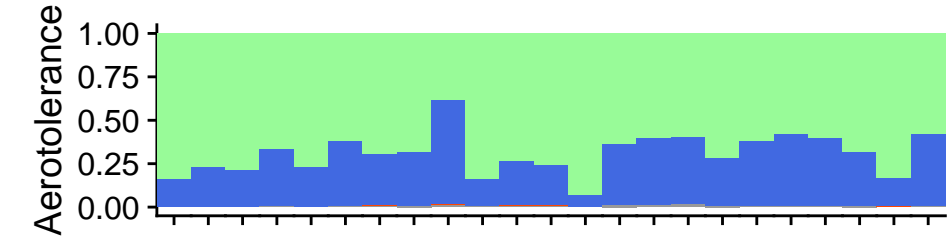
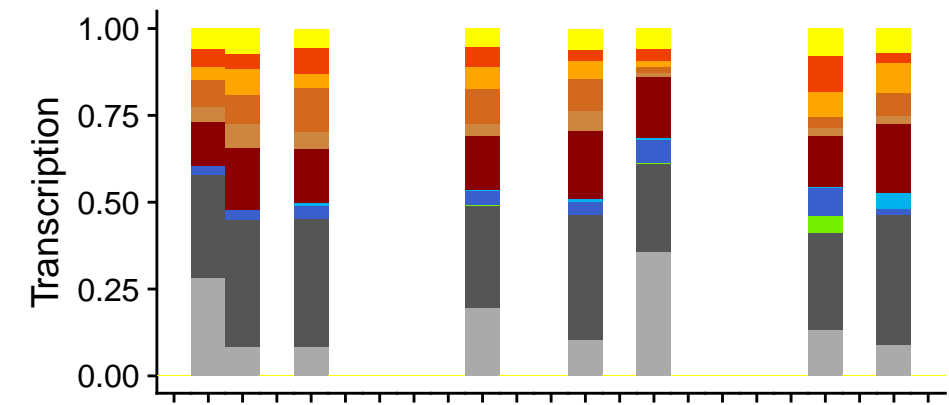
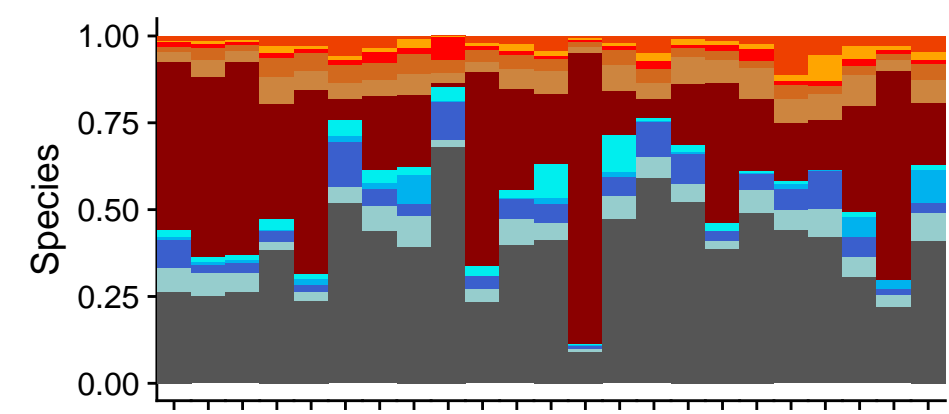
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Bacteroides caccae
Bacteroides dorei
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Eubacterium rectale
Eubacterium siraeum
Faecalibacterium prausnitzii
Subdoligranulum unclassified
other

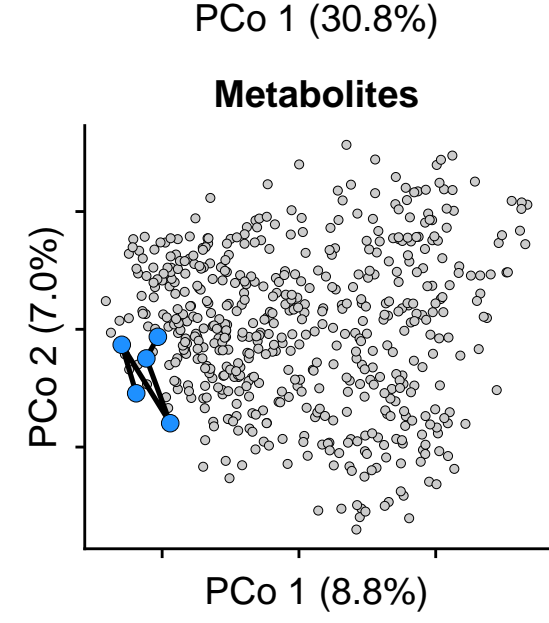
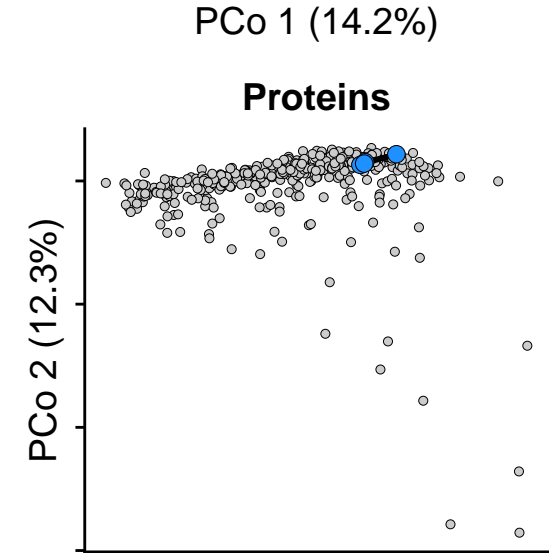
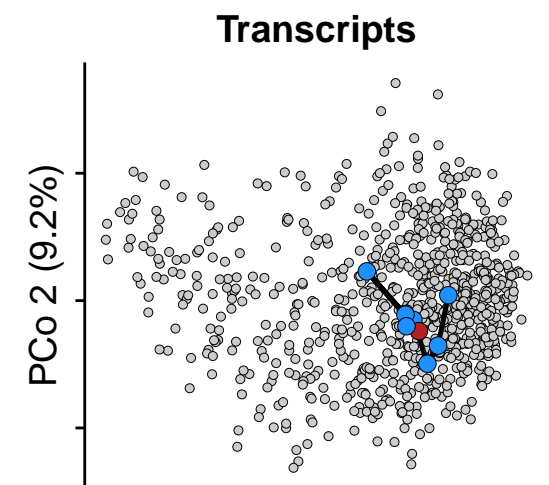
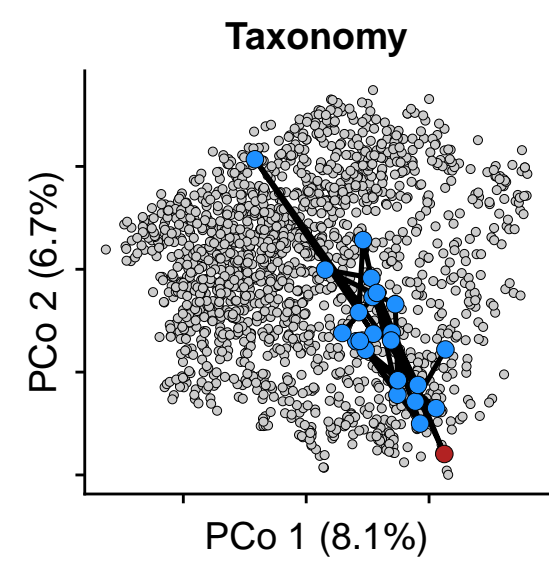
Alistipes shahii
Bacteroides caccae
Bacteroides dorei
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Eubacterium siraeum
Faecalibacterium prausnitzii
Escherichia coli
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

unclassified Siphoviridae
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tomato mosaic virus
Grapevine fleck virus
Human smacovirus 1
Smacovirusgroup
Human feces pecovirus
other

K00705: 4-alpha-glucanotransferase [EC:2....
K00928: aspartate kinase [EC:2.7.2.4]
K01990: ABC-2 type transport system ATP-...
K02078: acyl carrier protein
K02128: F-type H+-transporting ATPase sub...
K02914: large subunit ribosomal protein L34
K02950: small subunit ribosomal protein S12
K03088: RNA polymerase sigma-70 factor, E...
K03569: rod shape-determining protein Mre...
K04069: pyruvate formate lyase activating en...
K08303: putative protease [EC:3.4.-.-]

K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K00626: acetyl-CoA C-acetyltransferase [E...
K00927: phosphoglycerate kinase [EC:2.7.2.3]
K01006: pyruvate, orthophosphate dikinase [...
K02358: elongation factor EF-Tu
K02948: small subunit ribosomal protein S11
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
UNGROUPED



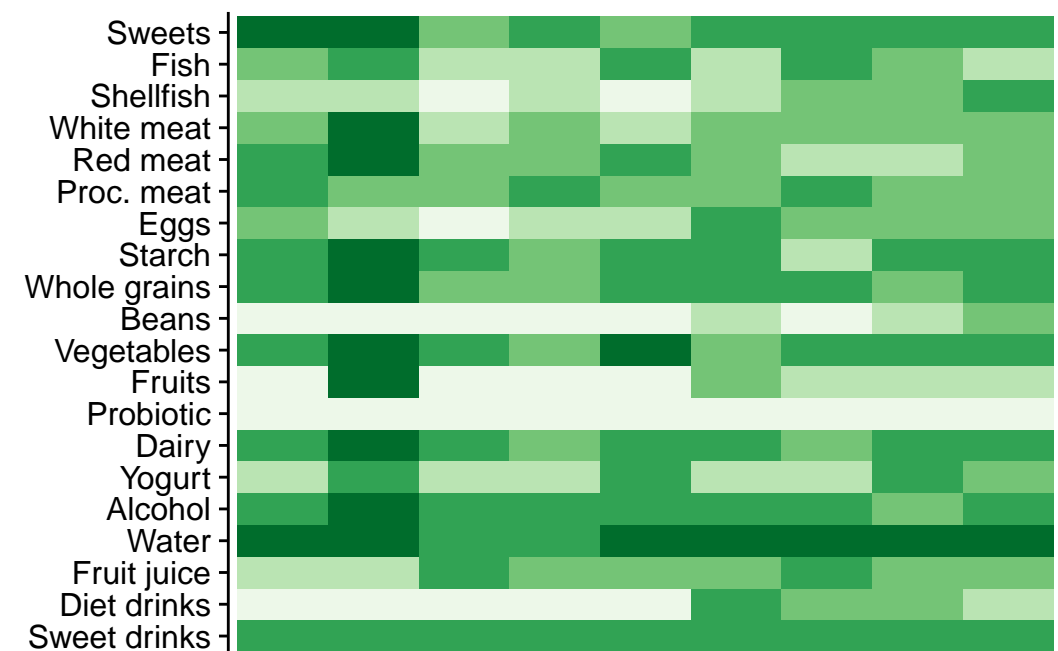
Taxonomy

Transcripts

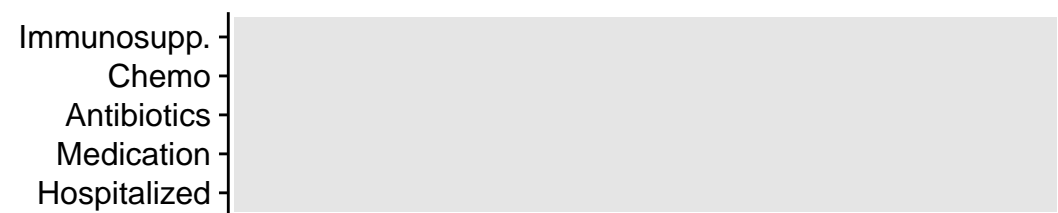
Proteins

Metabolites

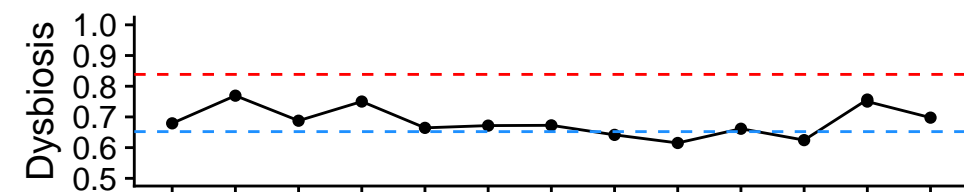
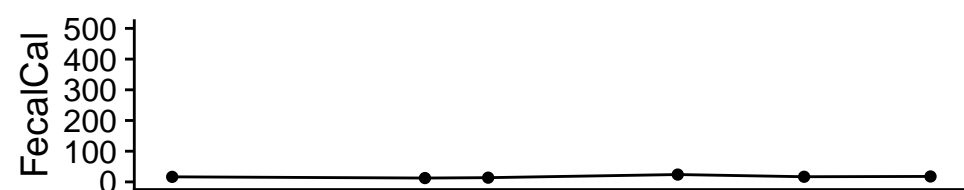
M2047: 57 Male White MGH | nonIBD



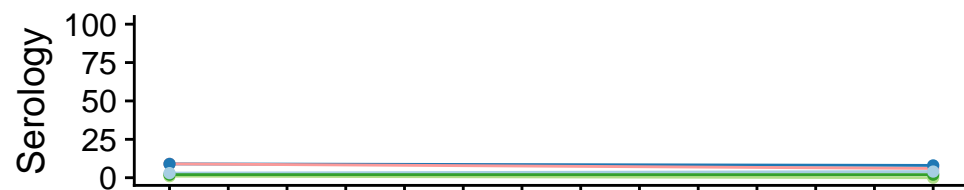
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+



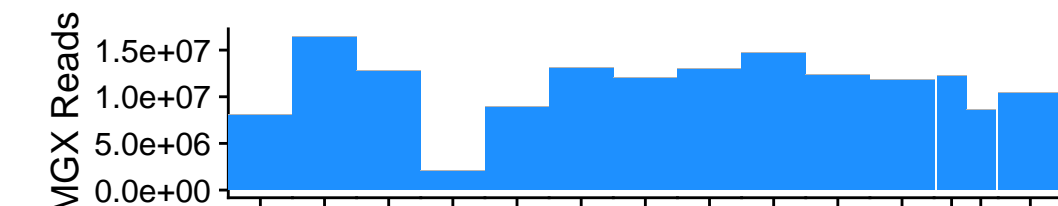
No



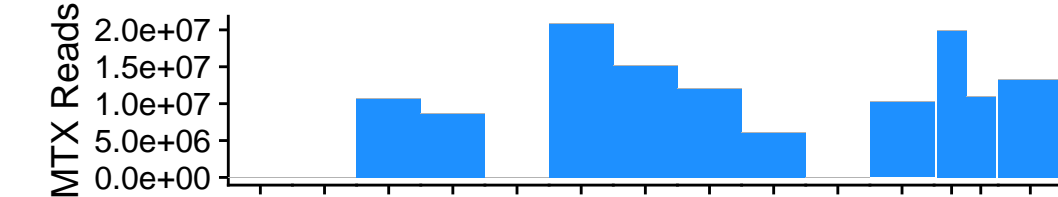
Dysbiosis
Eubiosis



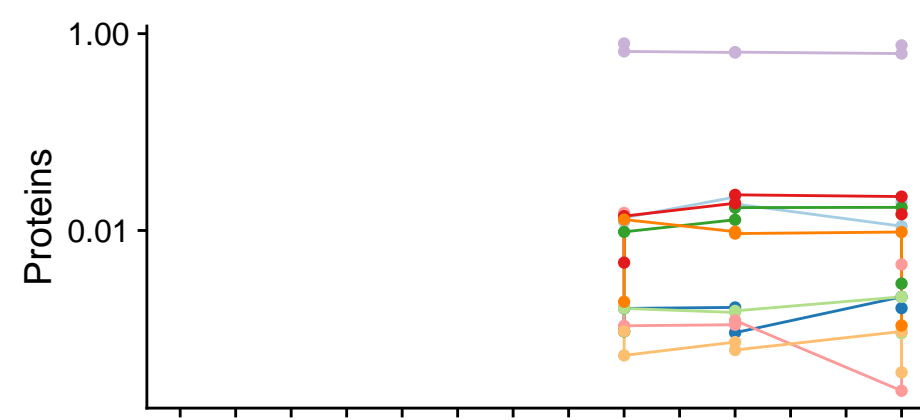
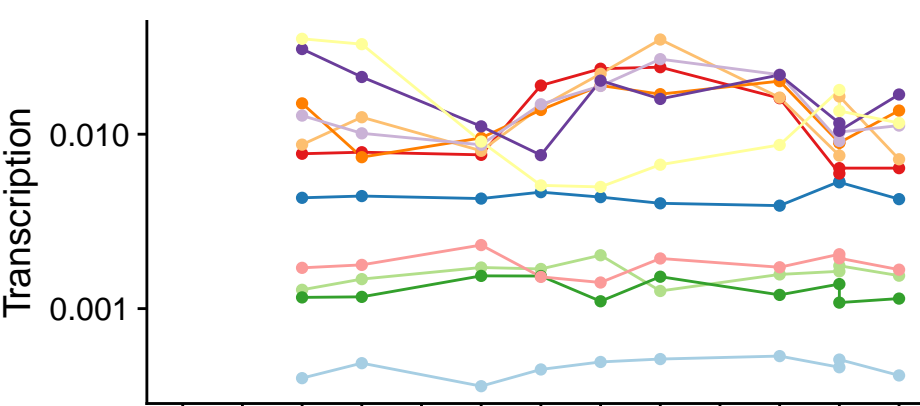
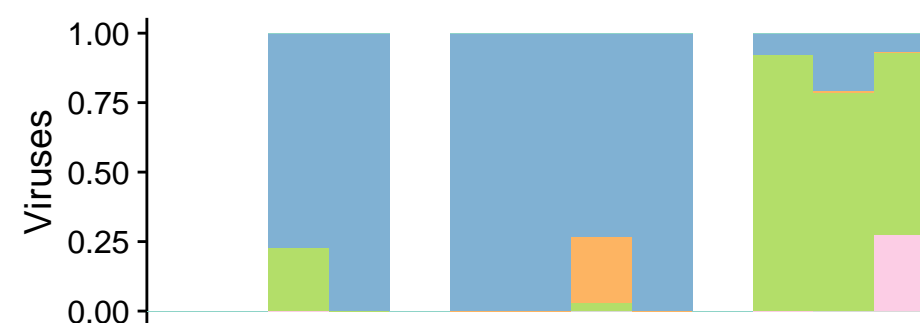
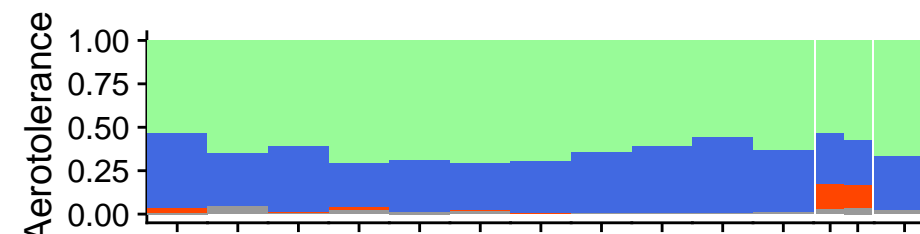
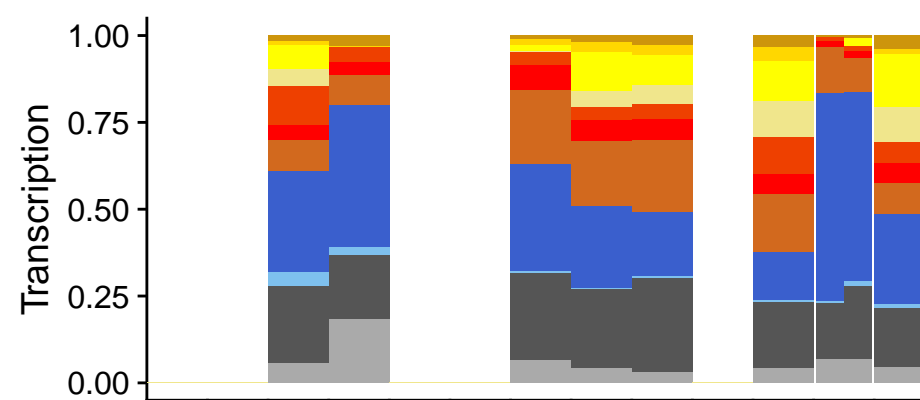
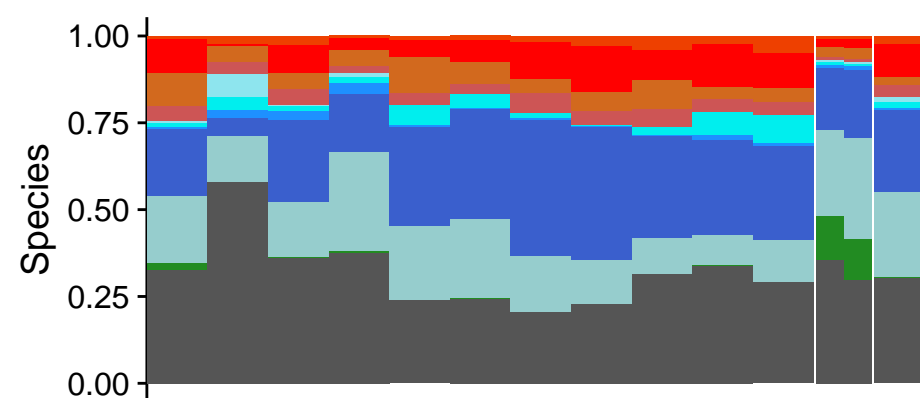
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



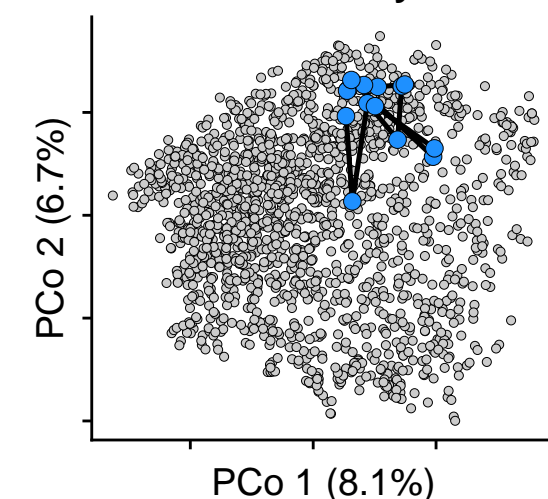
Human
Filtered



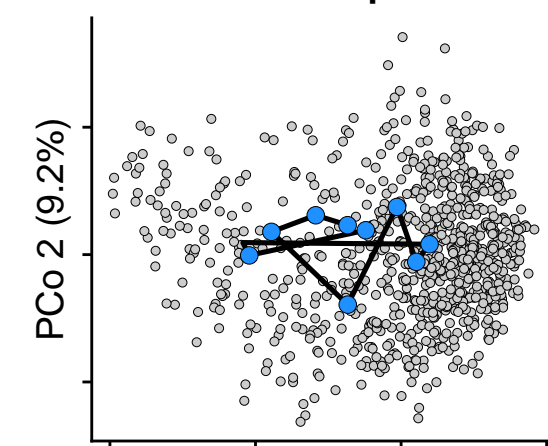
Human
Filtered



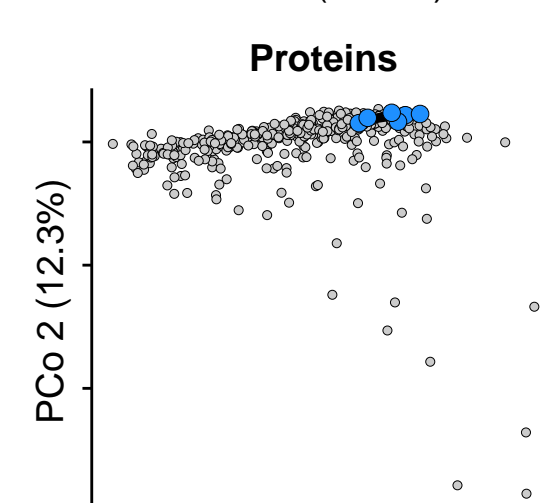
Taxonomy



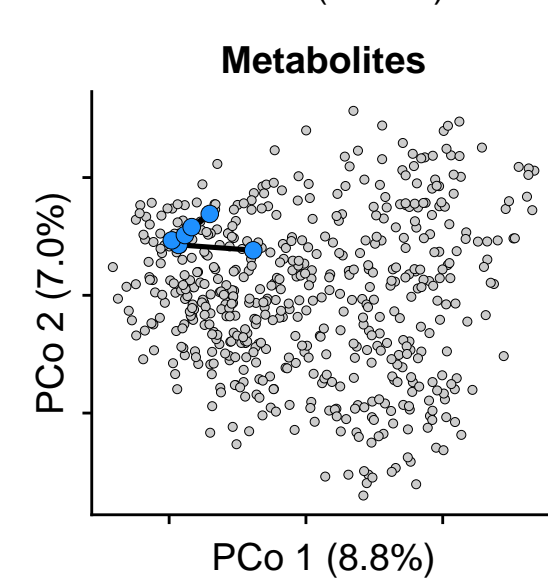
Transcripts



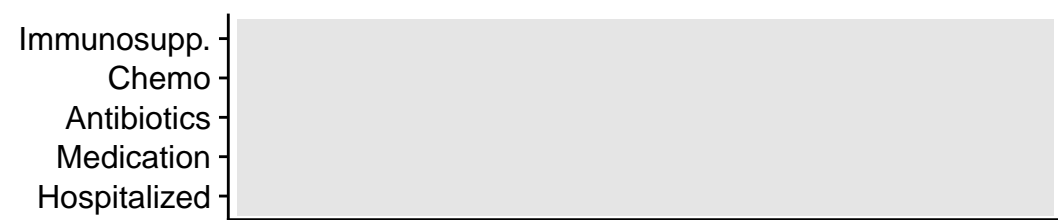
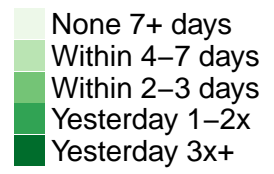
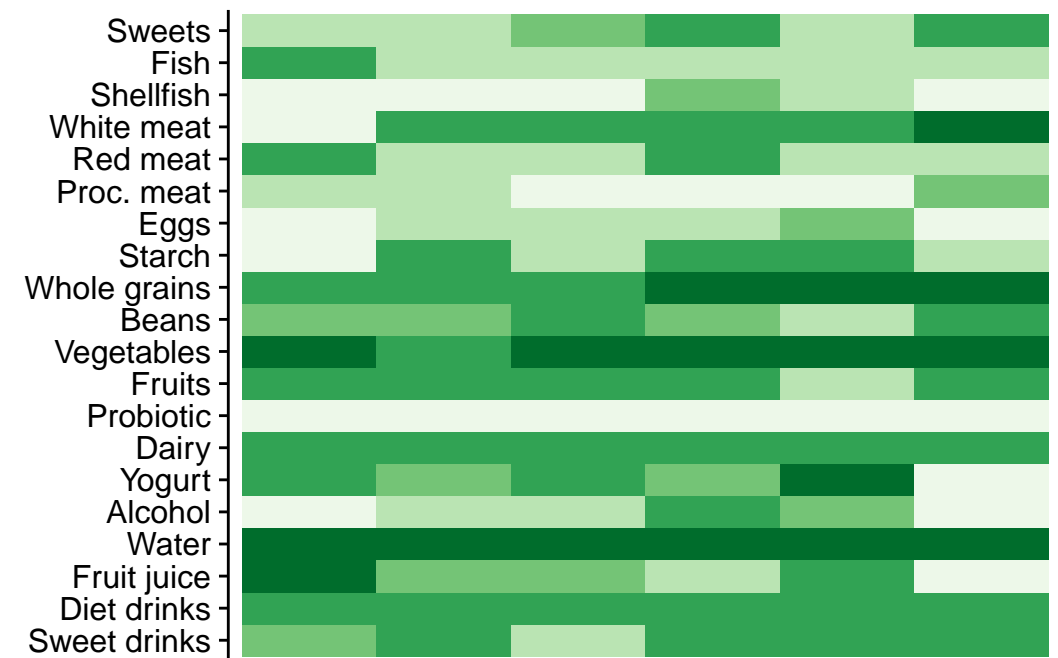
Proteins



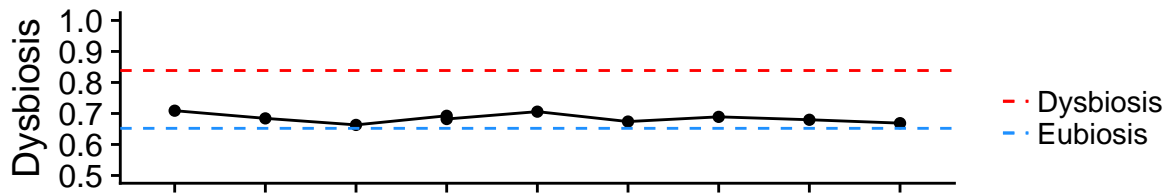
Metabolites



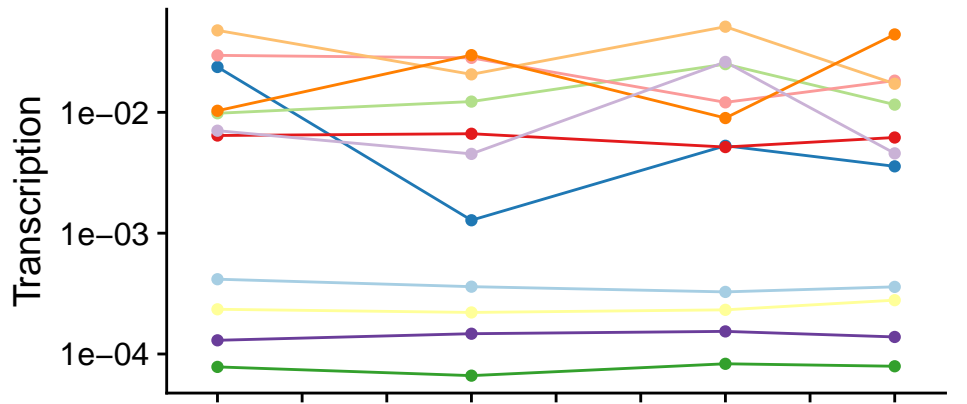
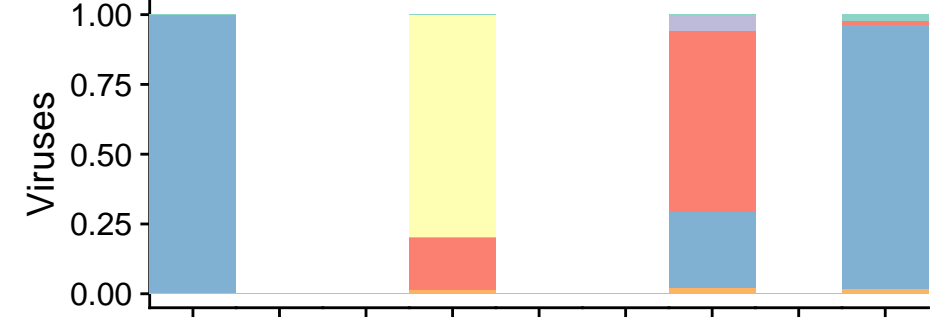
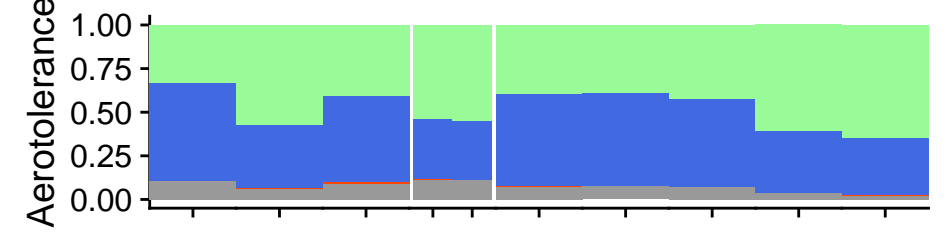
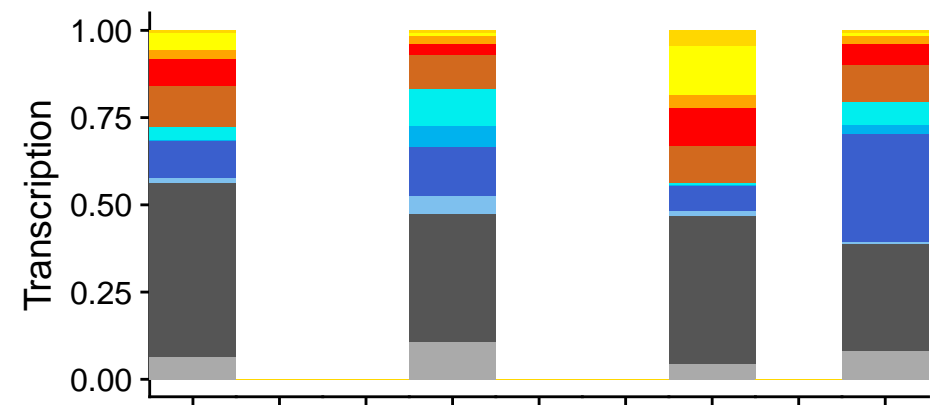
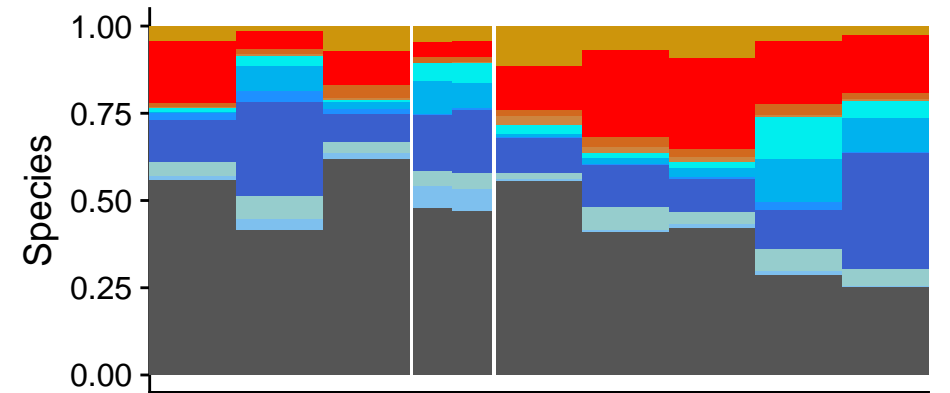
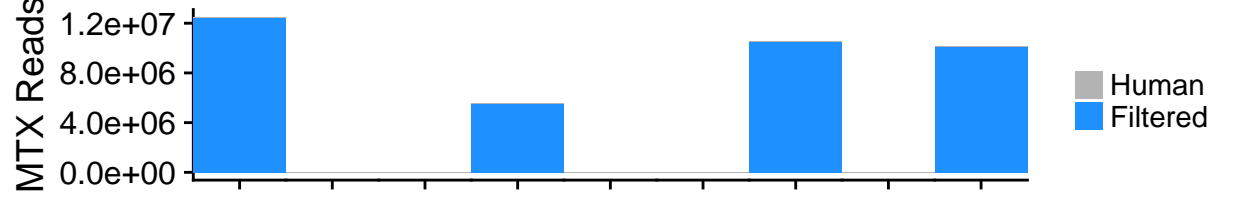
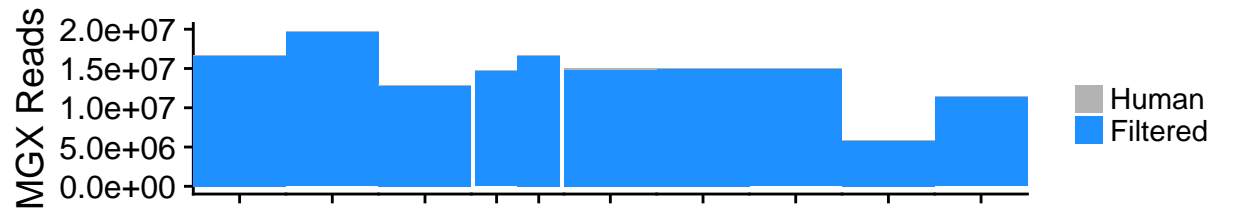
M2048: 28 Male White MGH | nonIBD



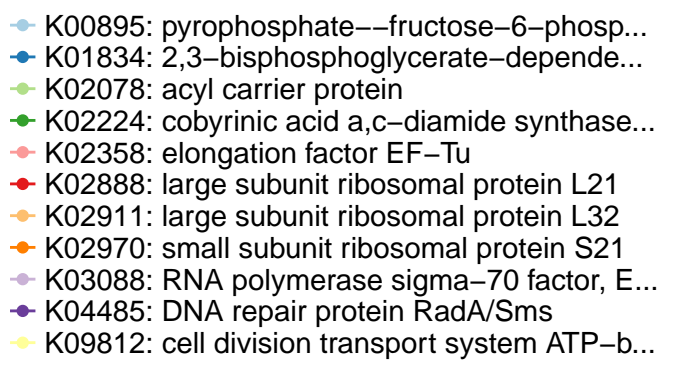
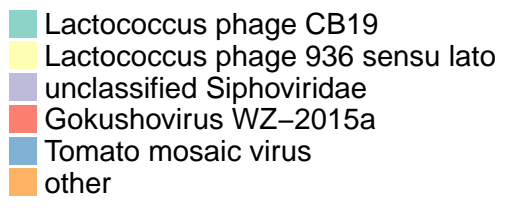
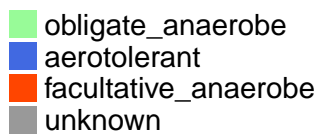
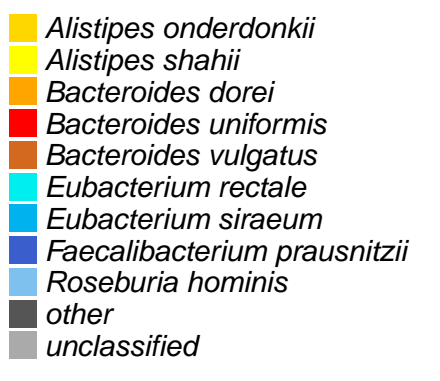
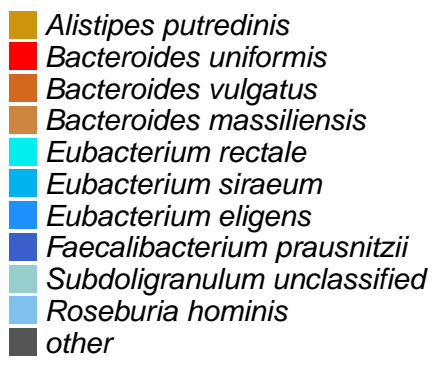
FecalCal



Serology



Proteins



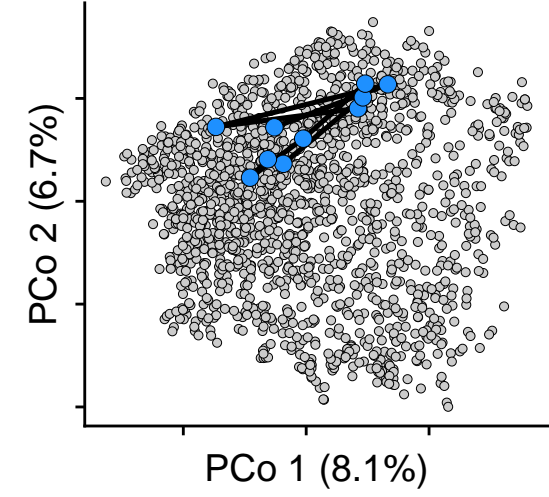
No

Dysbiosis
Eubiosis

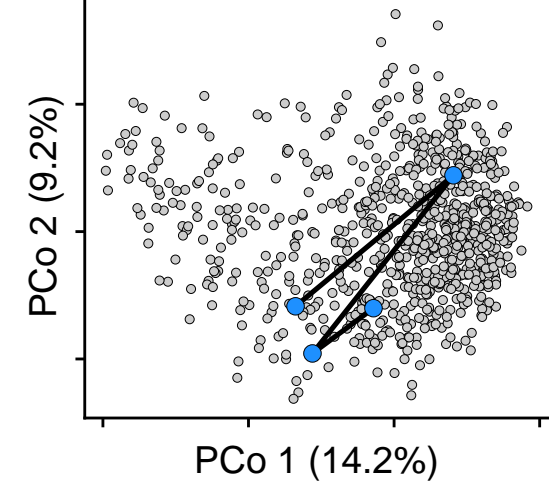
Human
Filtered

Human
Filtered

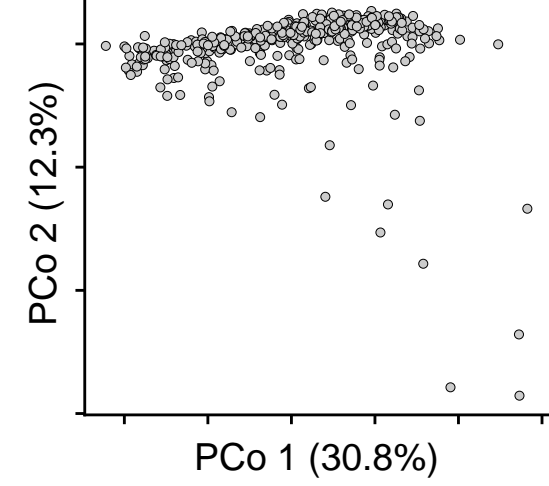
Taxonomy



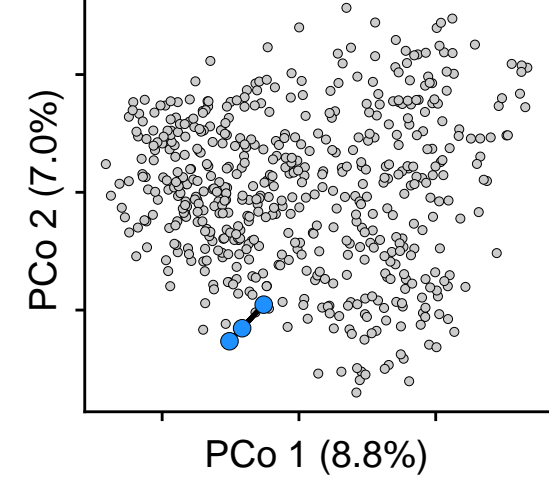
Transcripts



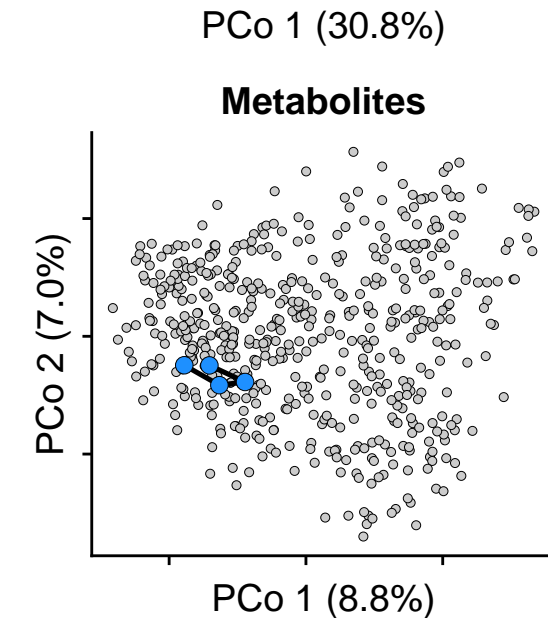
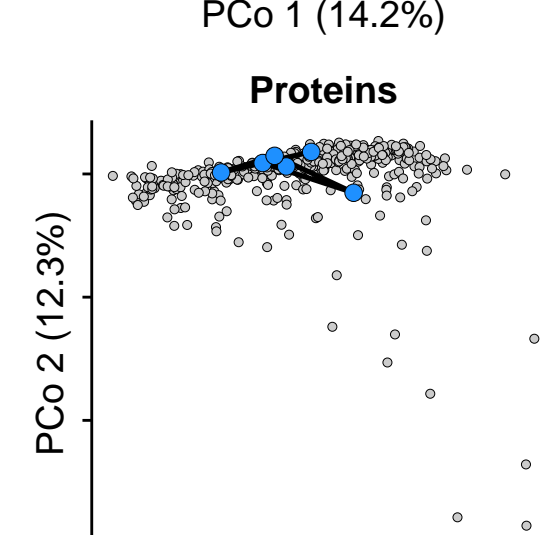
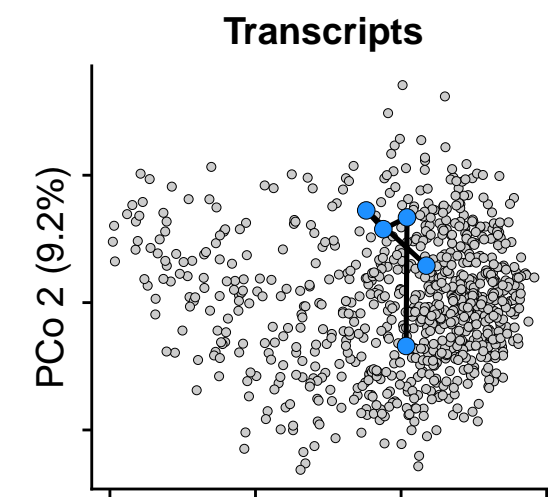
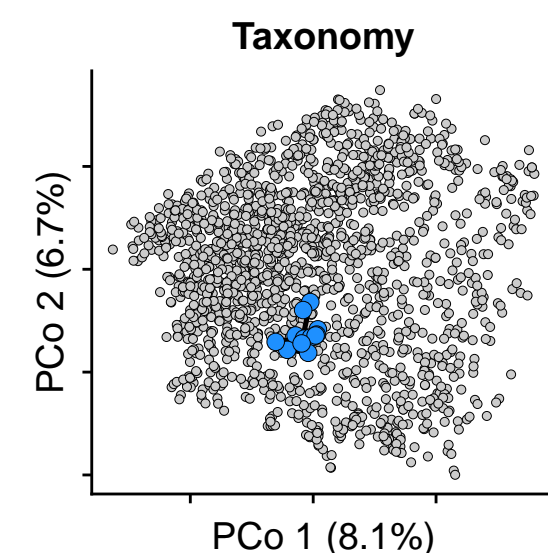
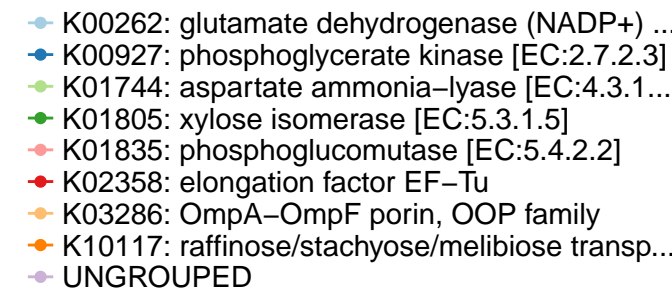
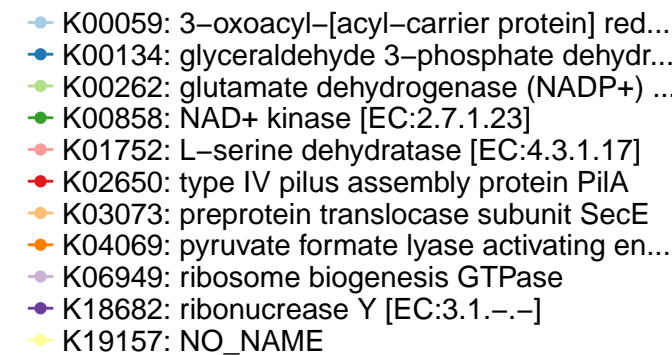
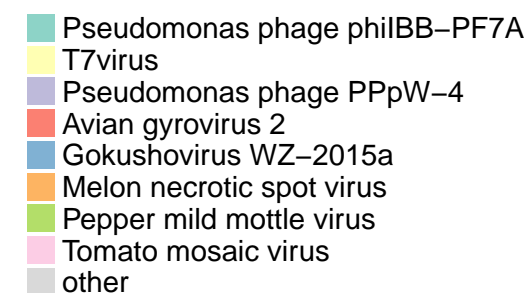
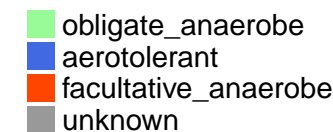
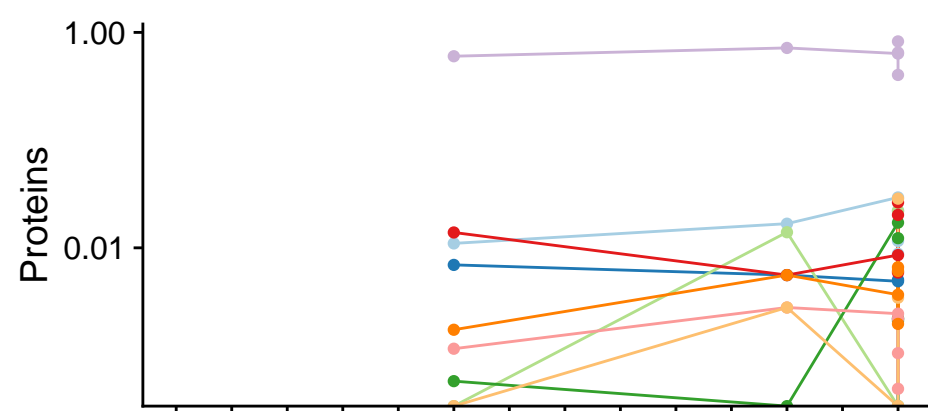
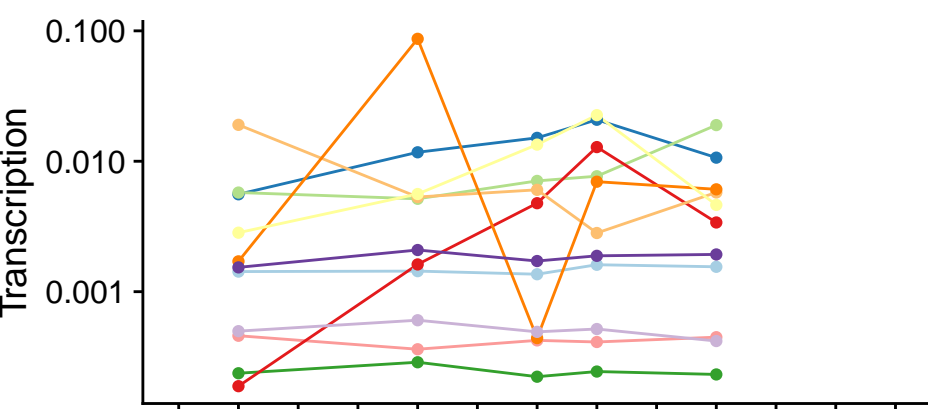
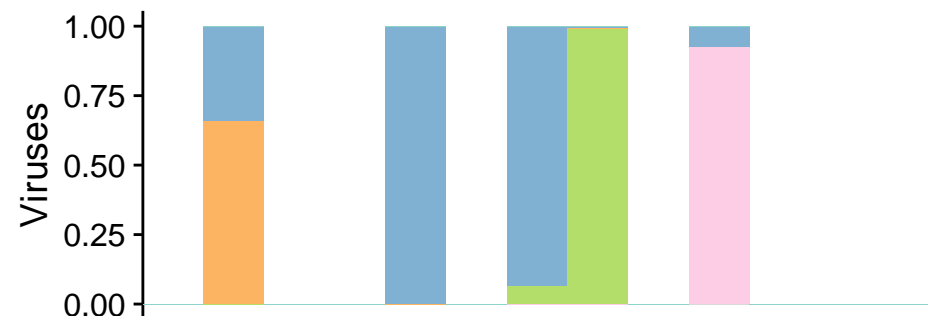
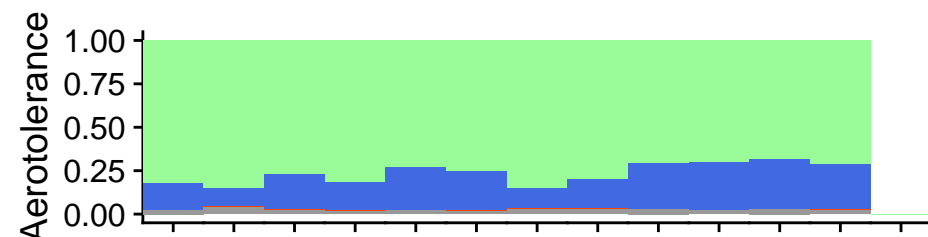
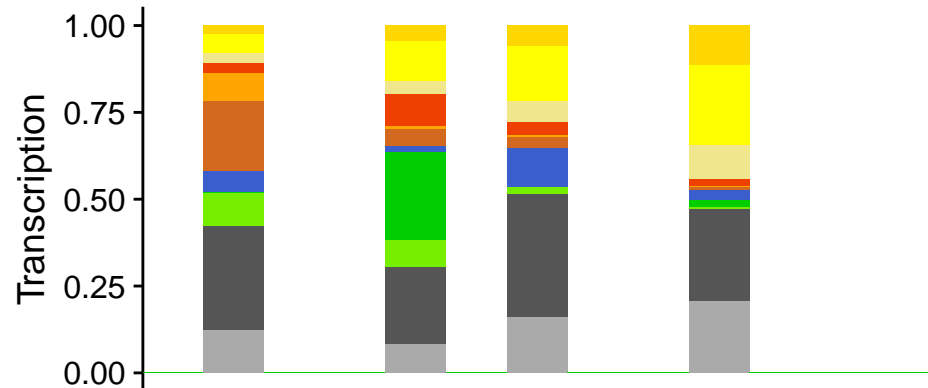
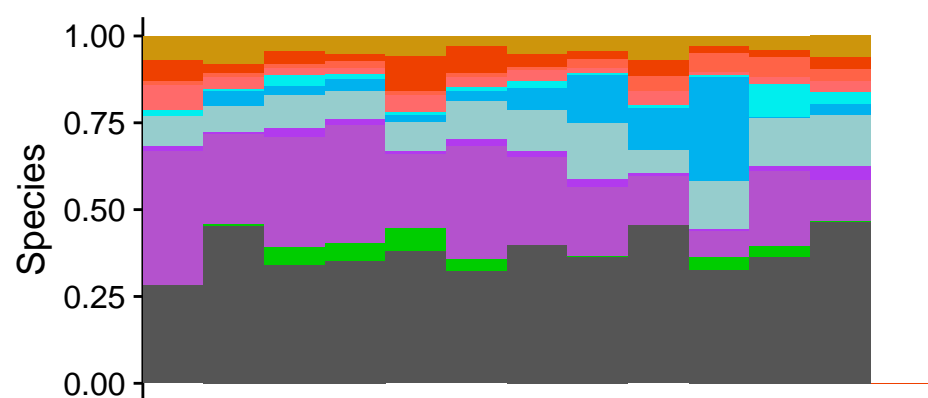
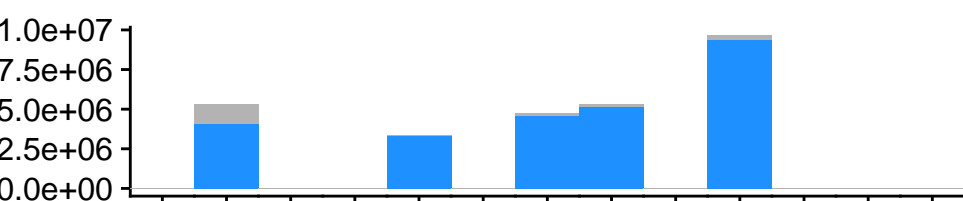
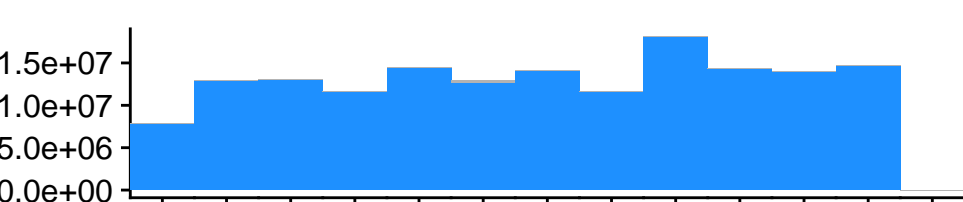
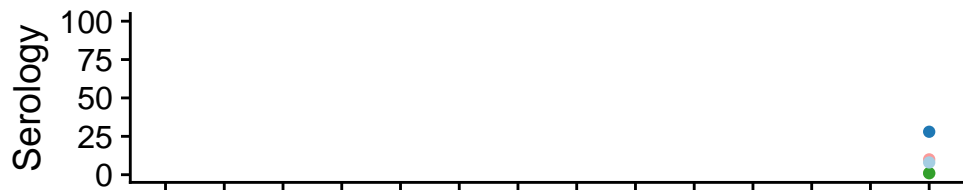
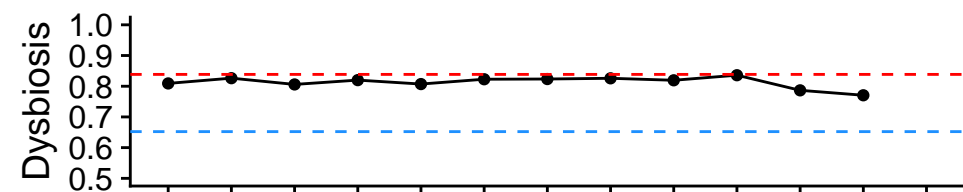
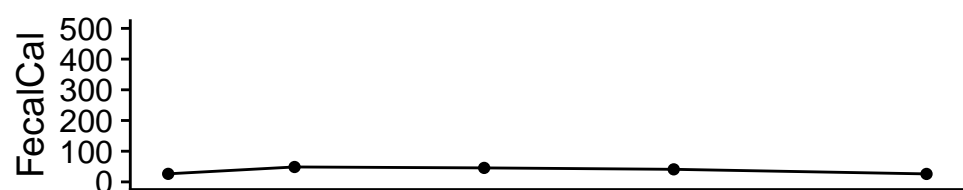
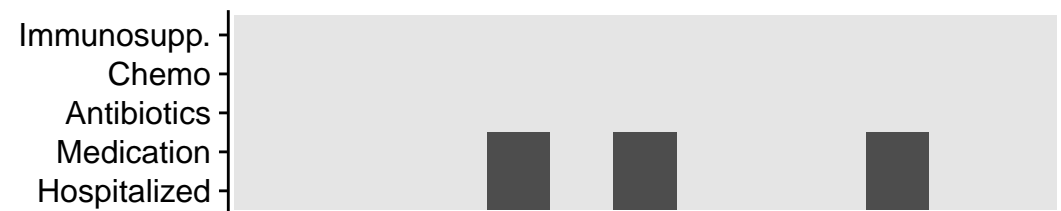
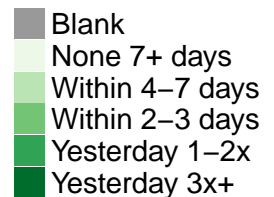
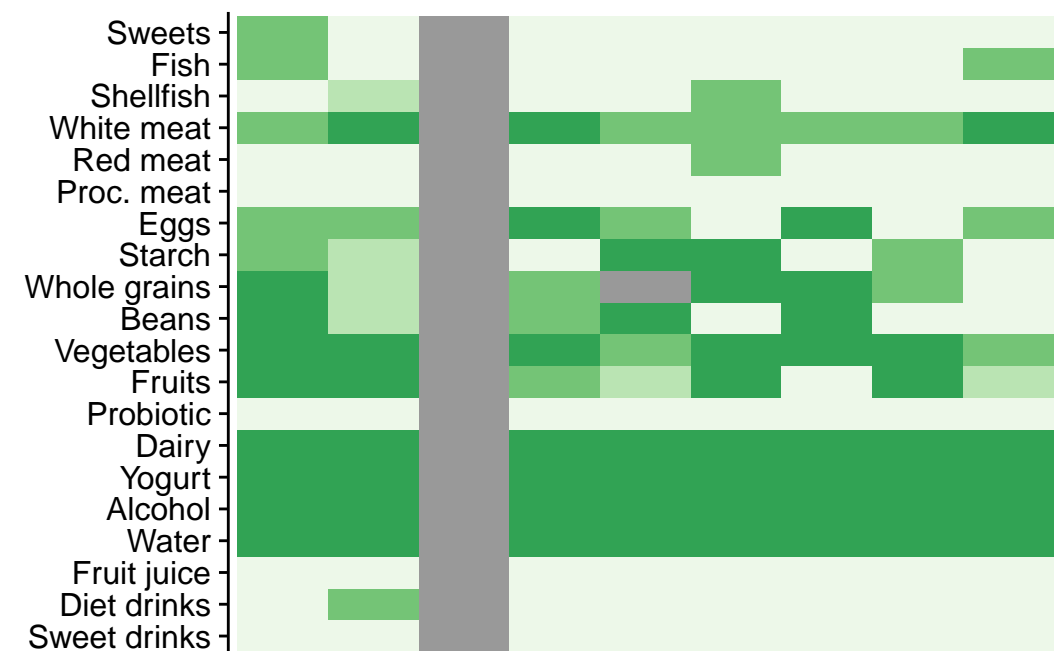
Proteins



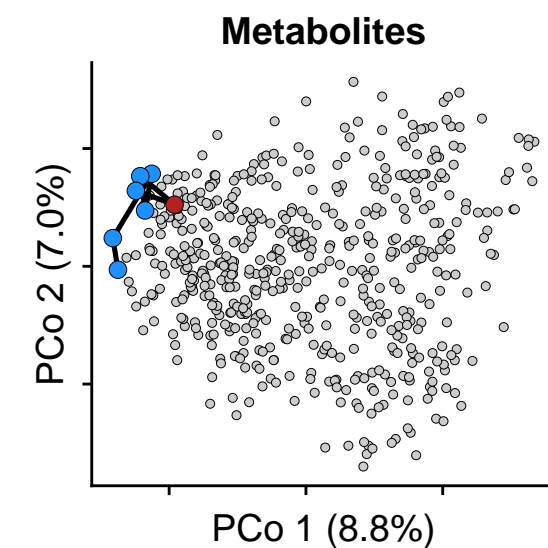
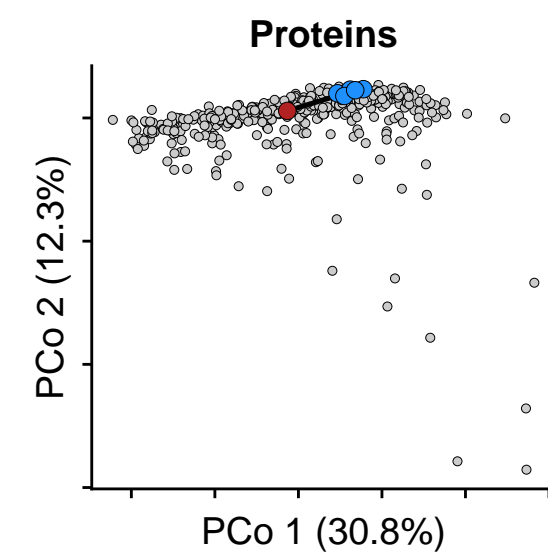
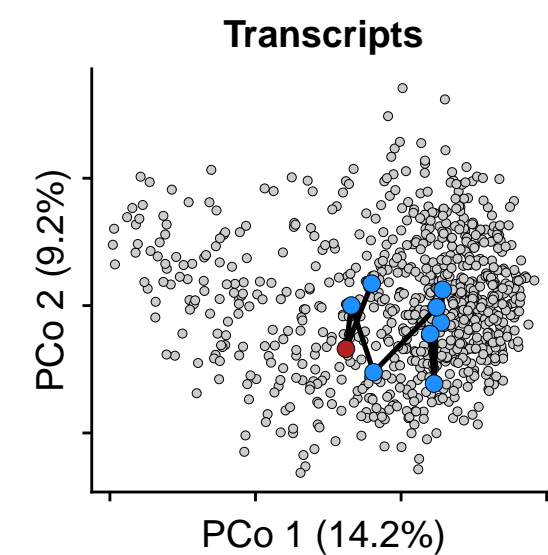
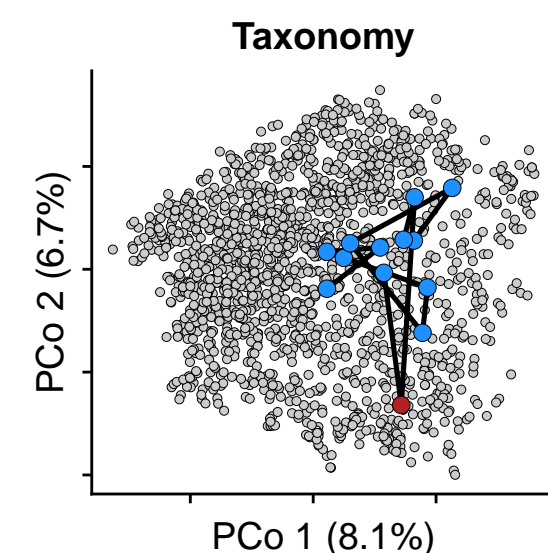
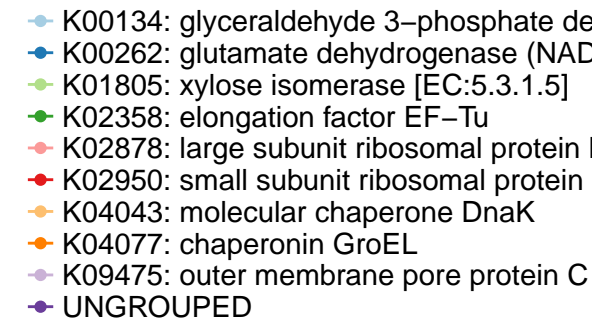
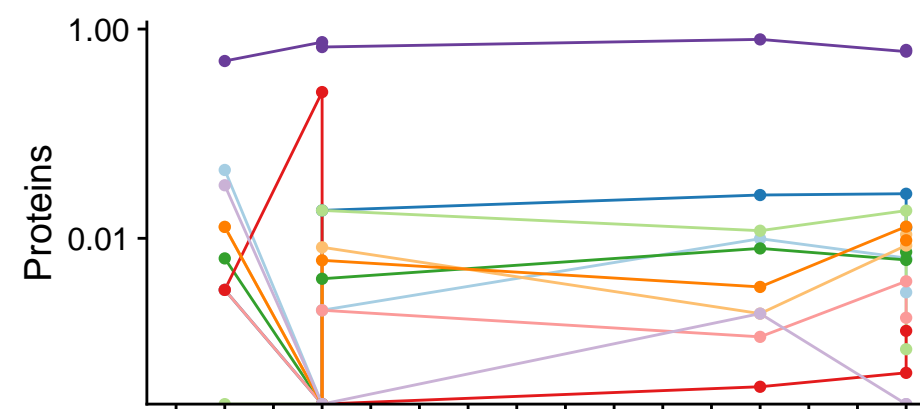
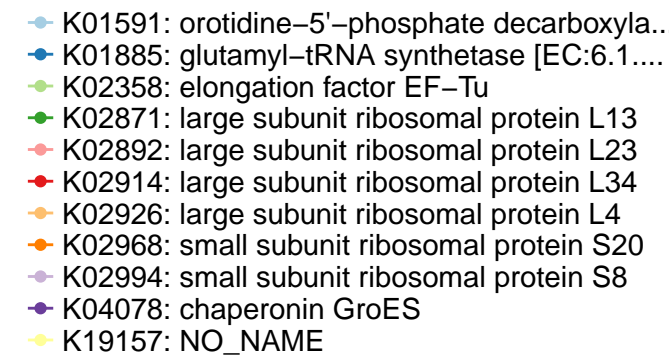
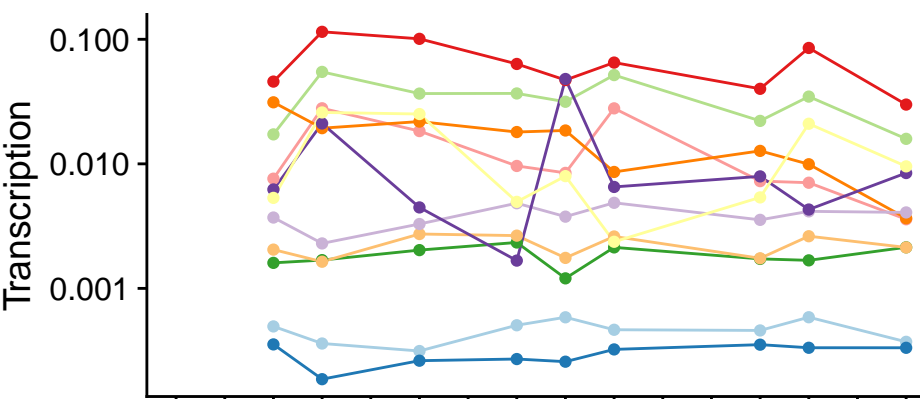
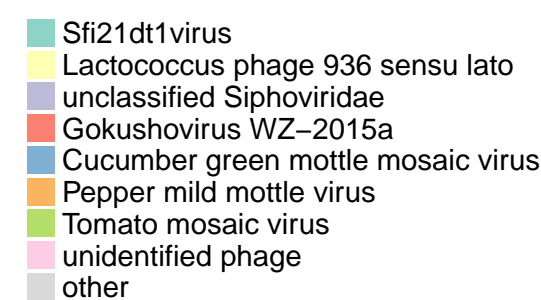
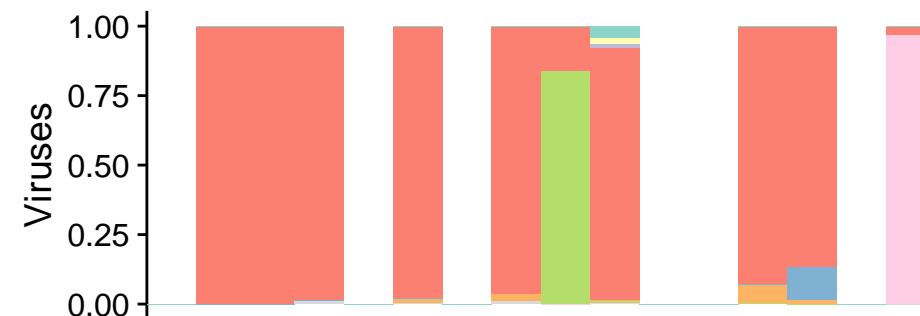
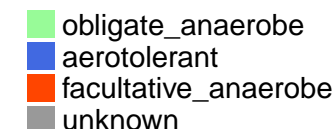
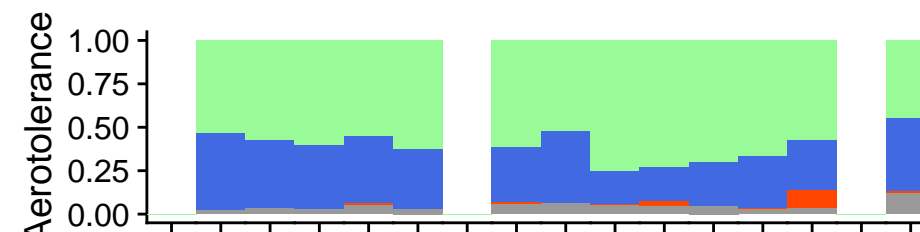
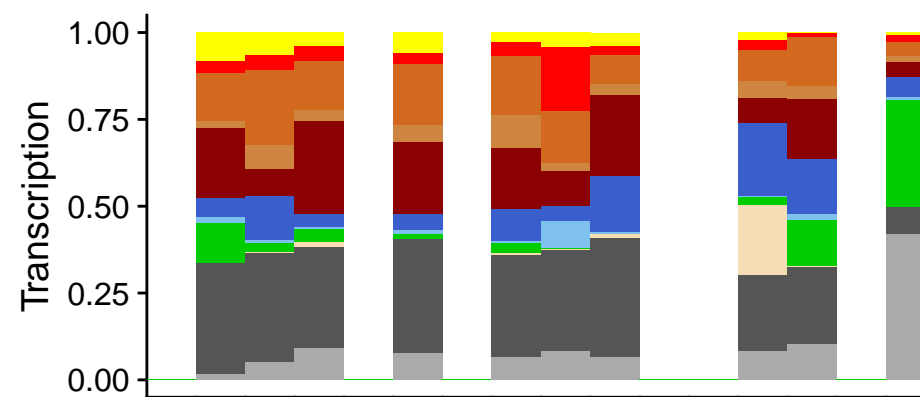
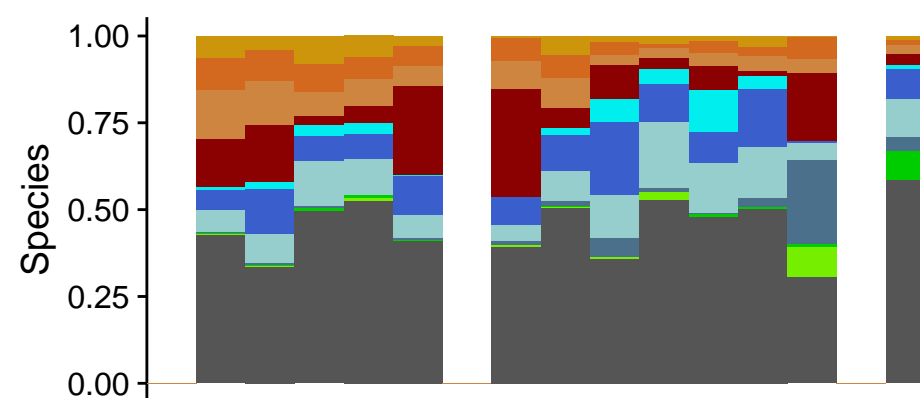
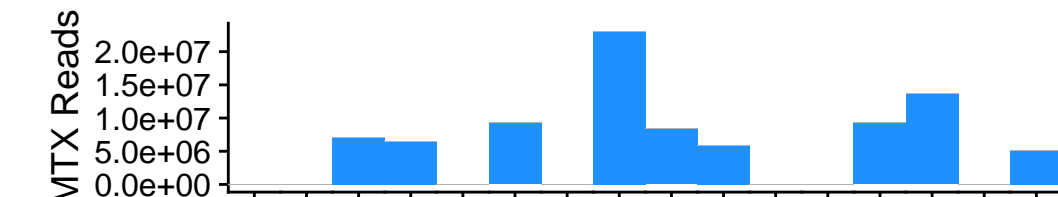
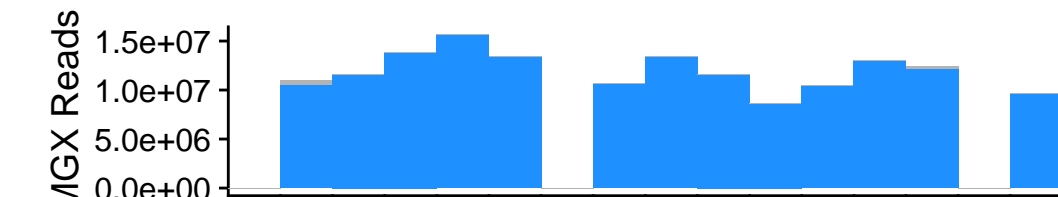
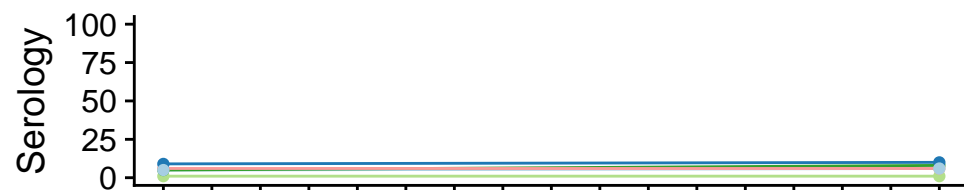
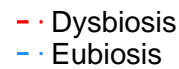
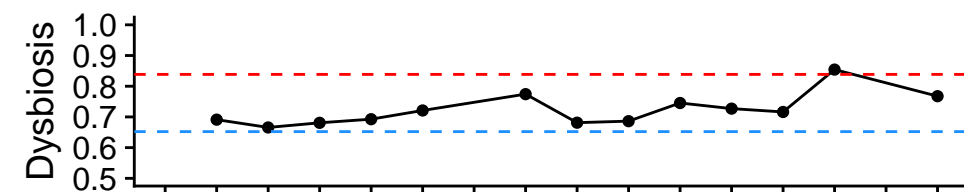
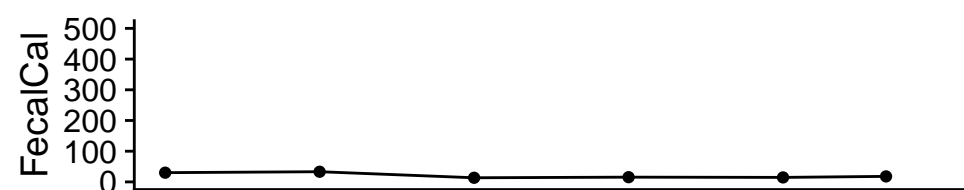
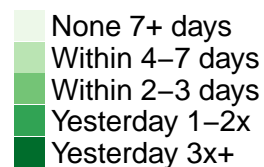
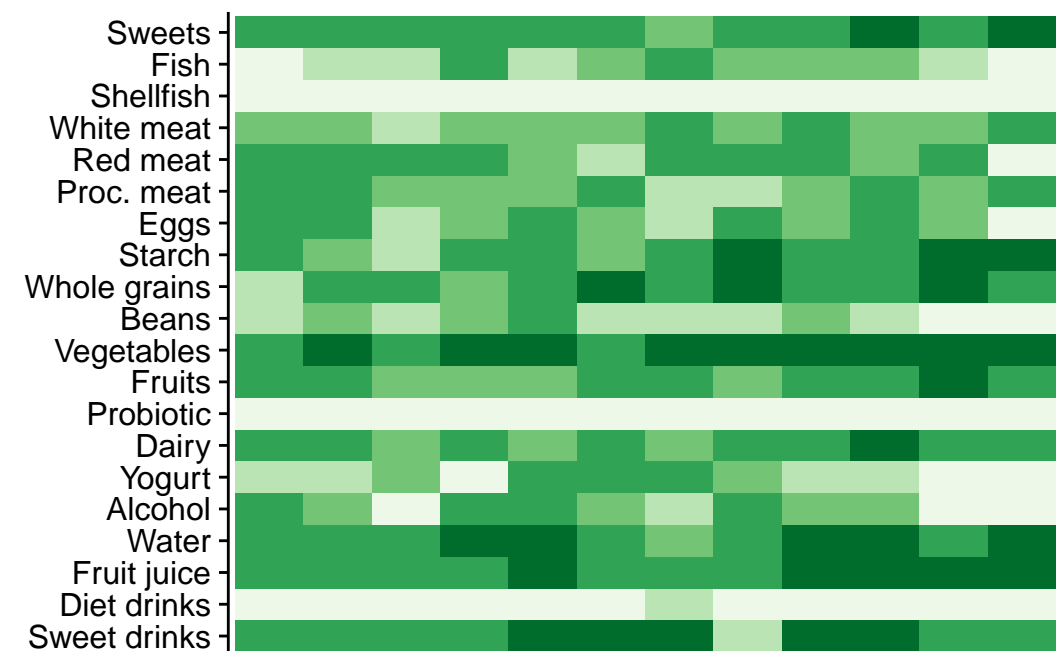
Metabolites



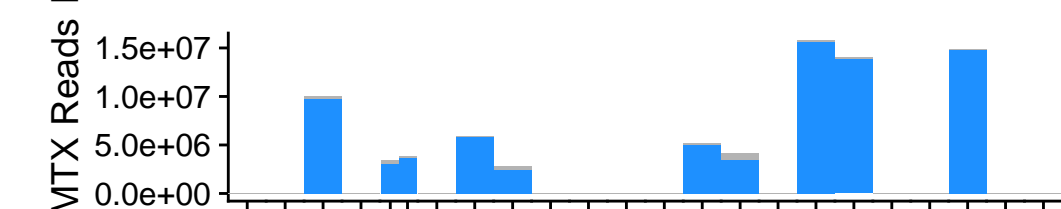
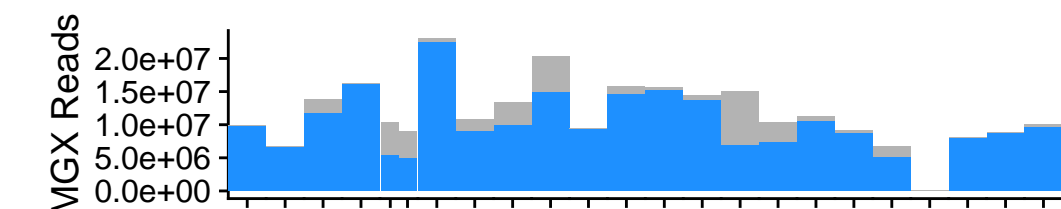
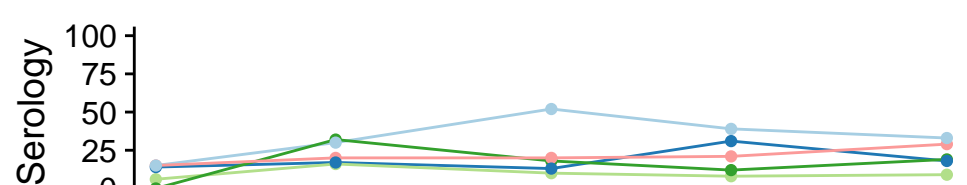
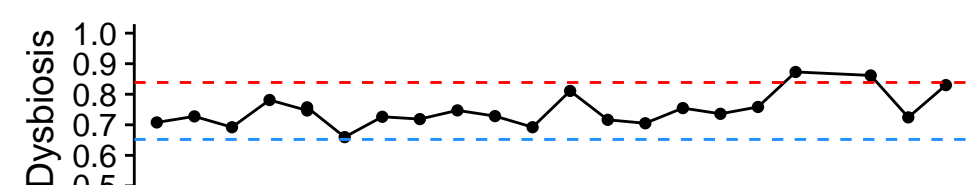
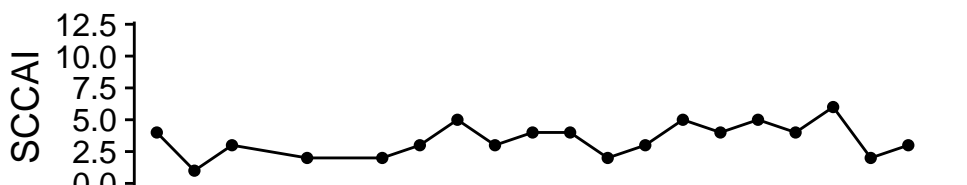
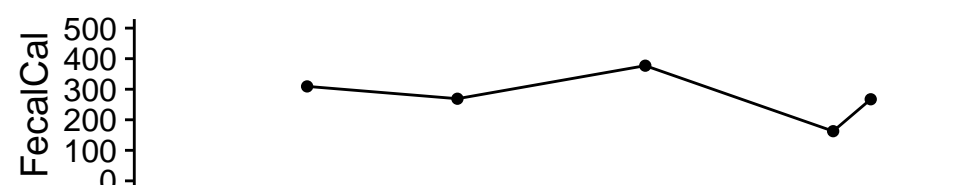
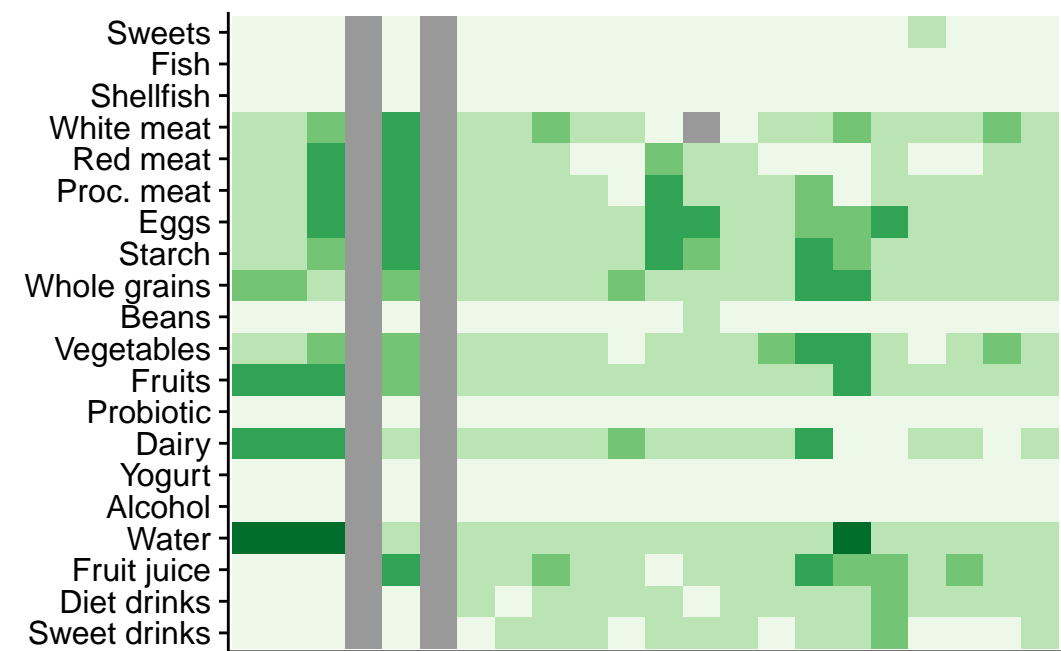
M2060: 62 Female White MGH | nonIBD



M2061: 56 Male White MGH | nonIBD



M2064: 74 Male More than one race MGH | UC



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

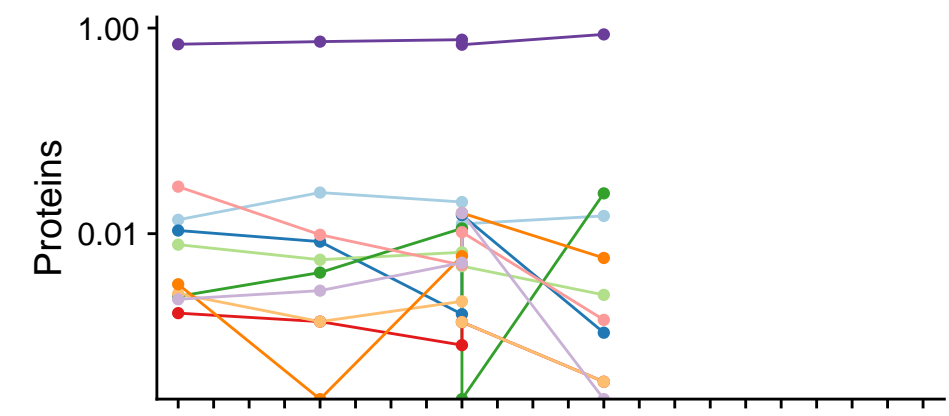
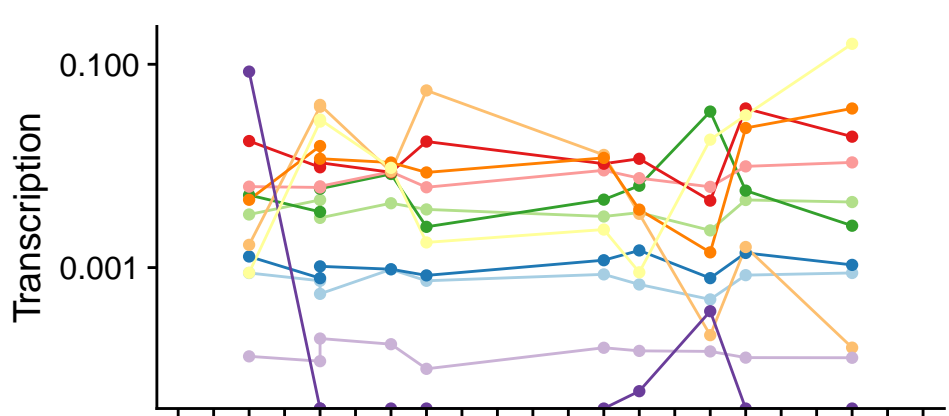
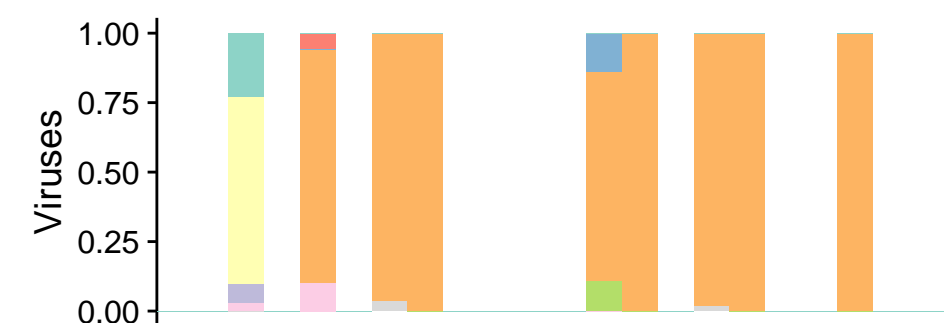
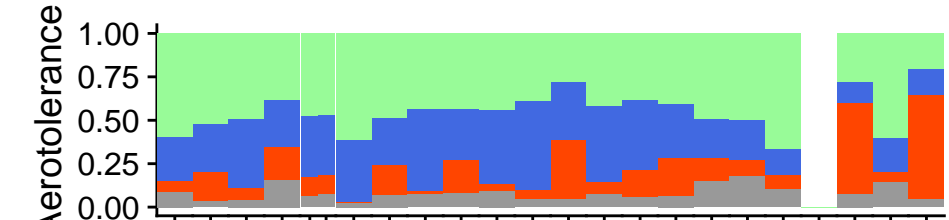
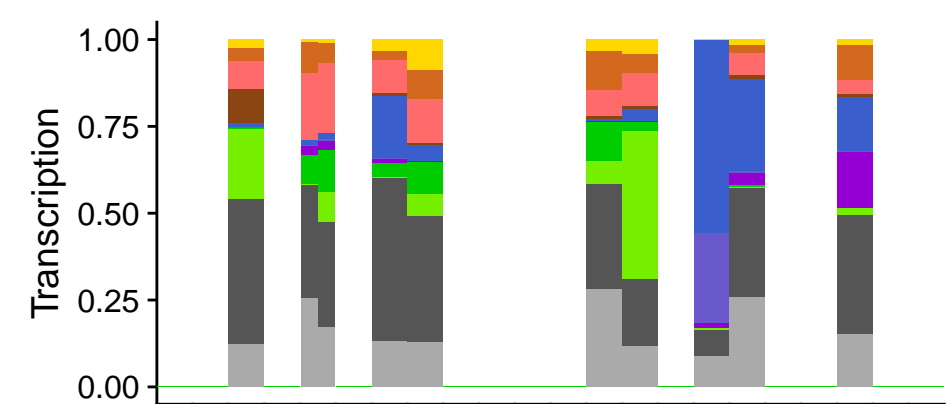
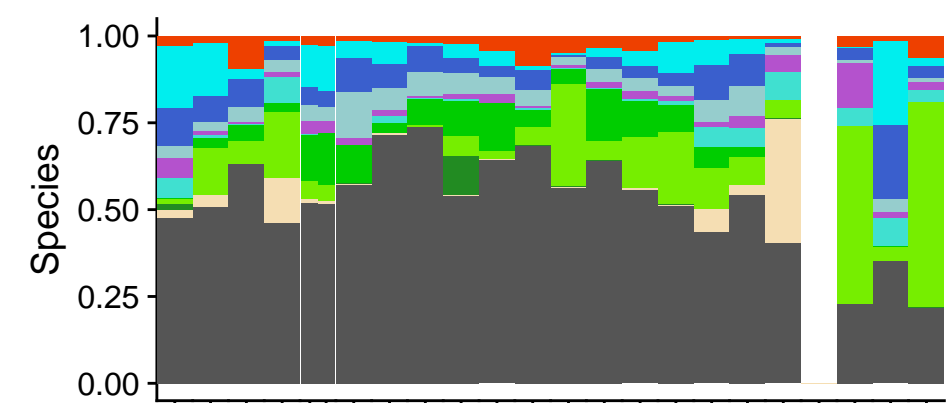
Yes
No
Blank

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Bacteroides caccae
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Ruminococcus bromii
Phascolarctobacterium succinatutens
Akkermansia muciniphila
Escherichia coli
Haemophilus parainfluenzae
Methanobrevibacter smithii
other

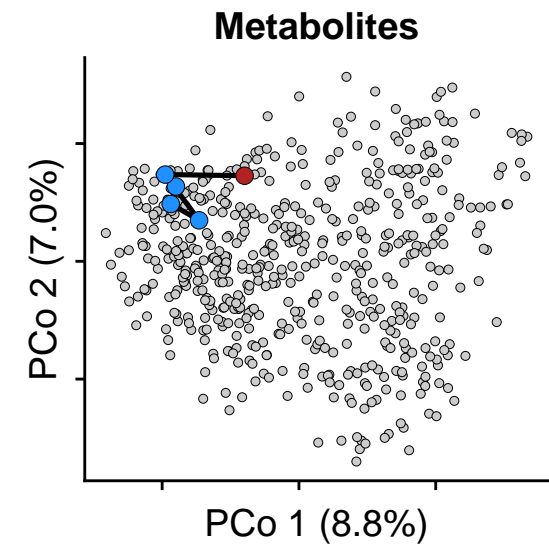
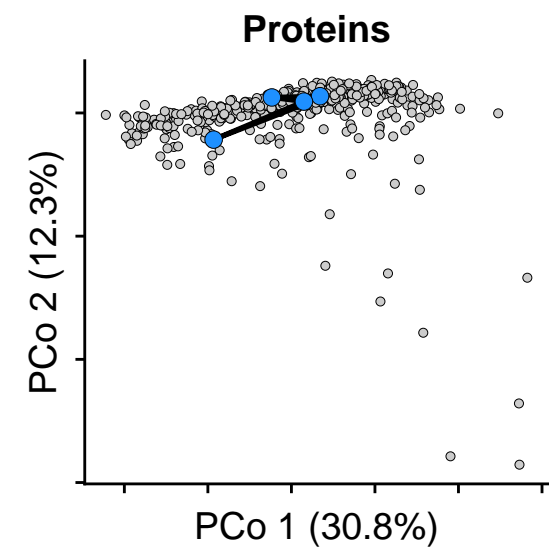
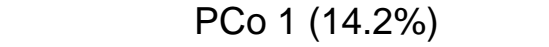
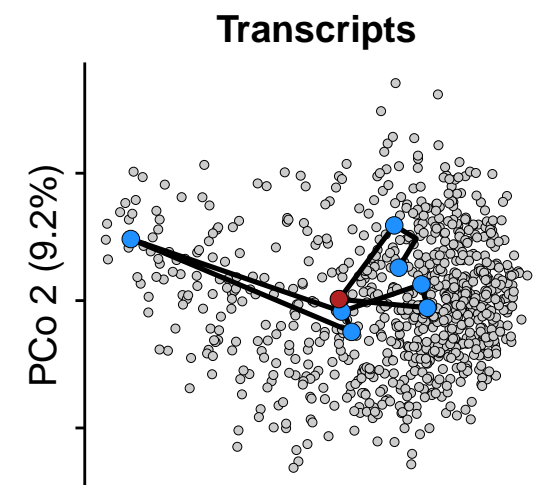
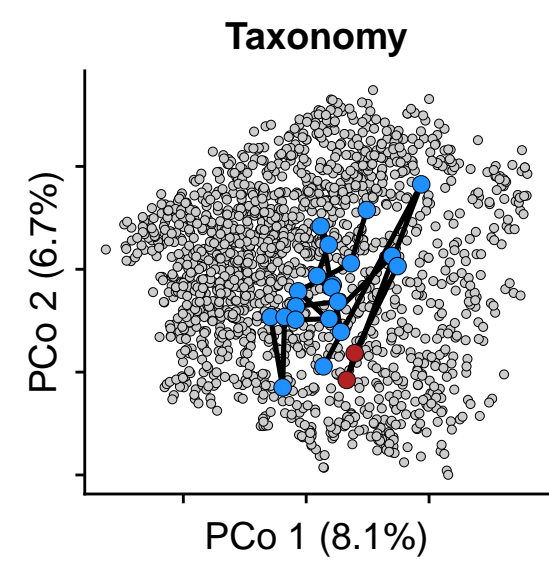
Alistipes onderdonkii
Bacteroides vulgatus
Parabacteroides distasonis
Odoribacter splanchnicus
Faecalibacterium prausnitzii
Roseburia intestinalis
Ruminococcus obeum
Akkermansia muciniphila
Escherichia coli
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

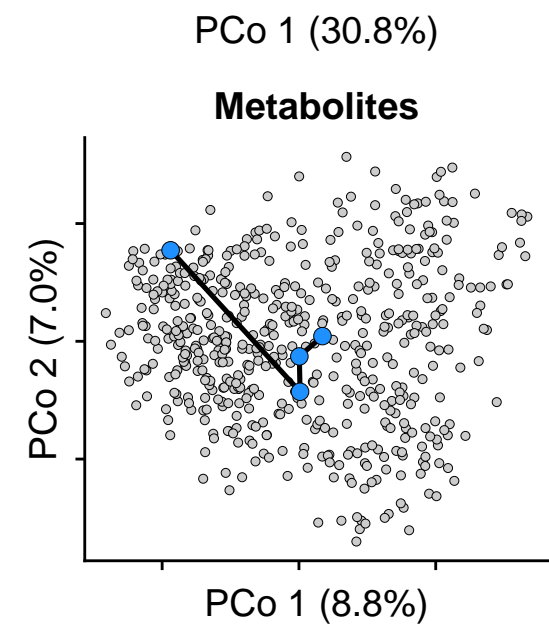
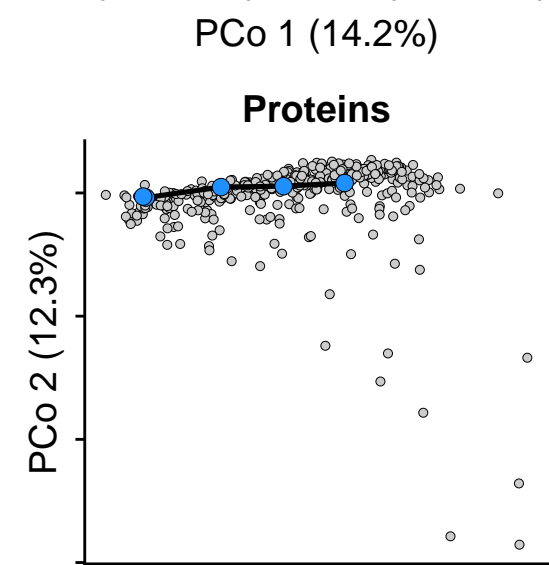
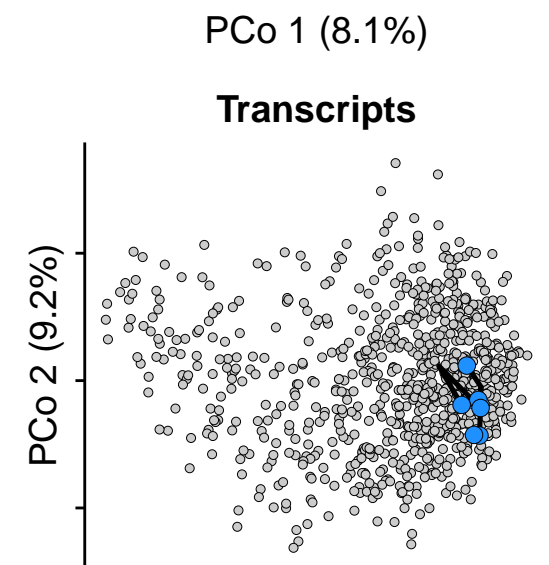
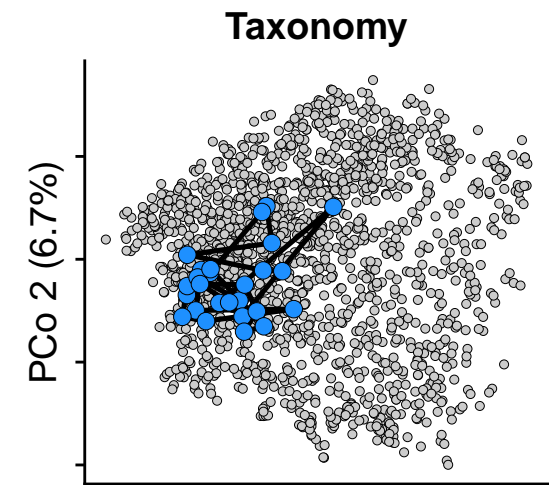
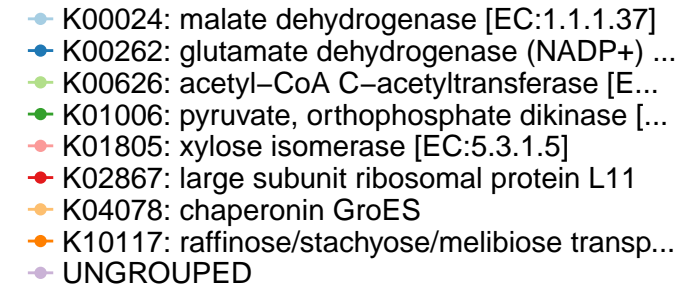
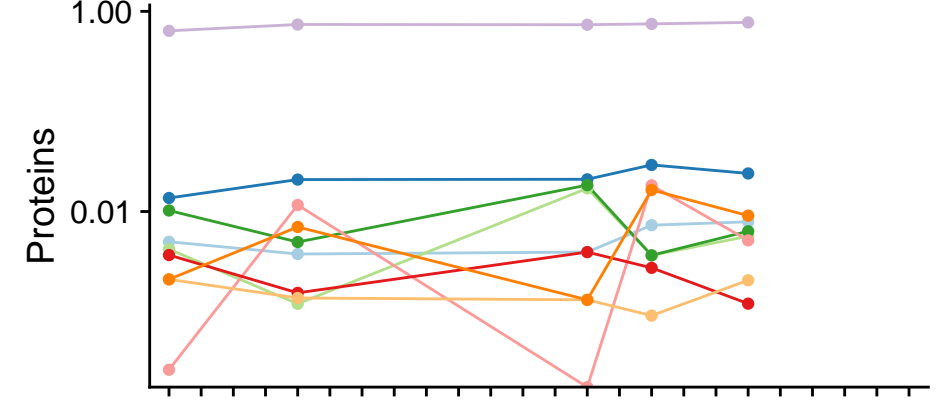
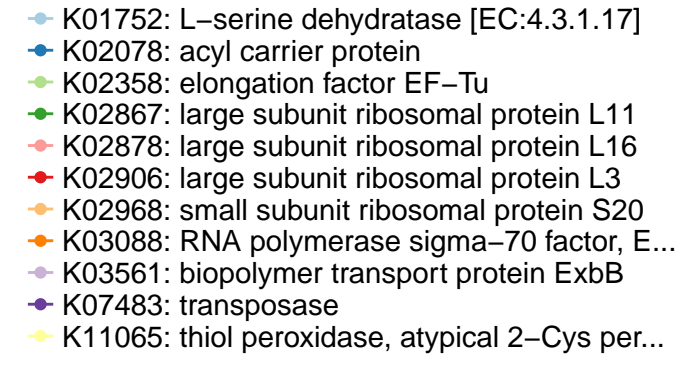
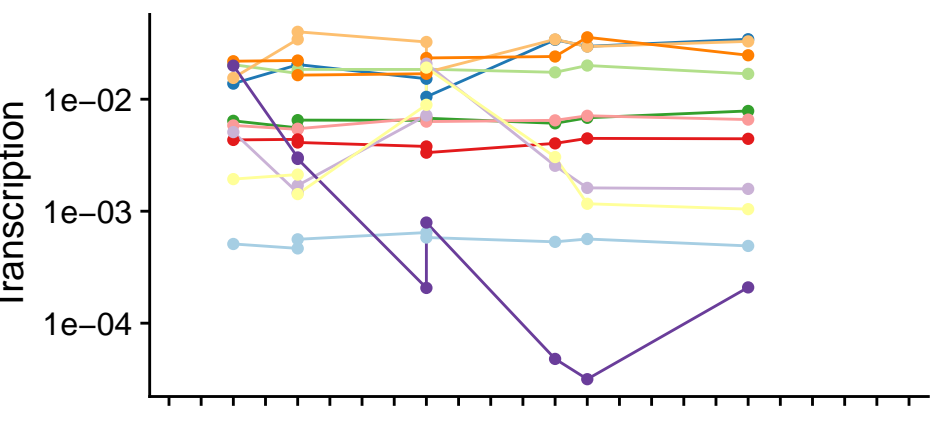
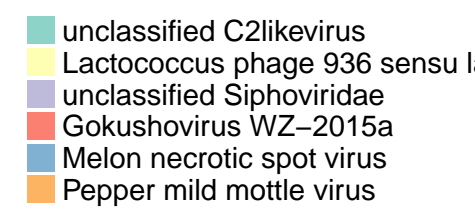
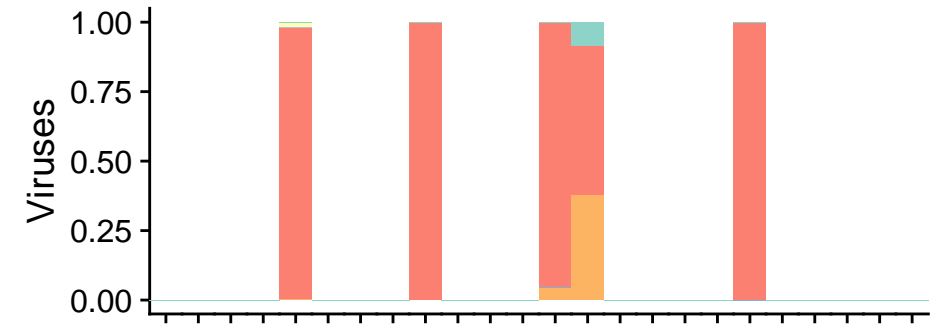
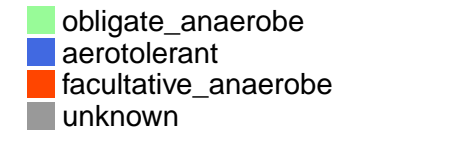
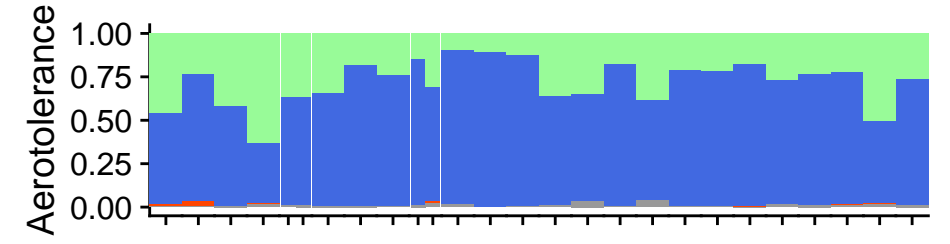
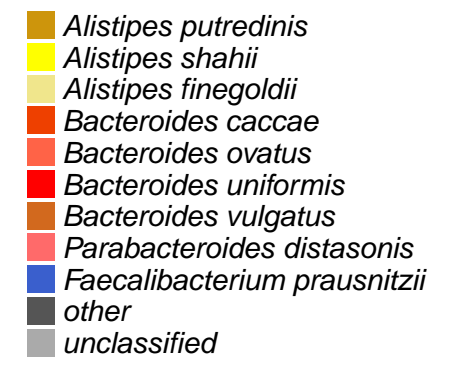
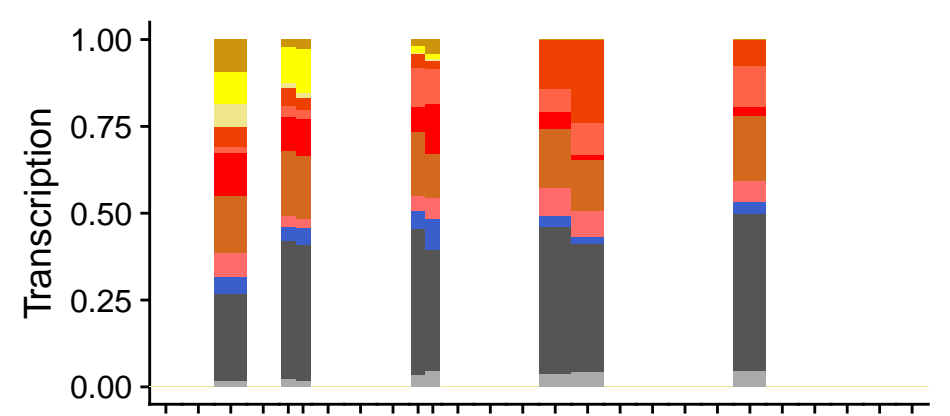
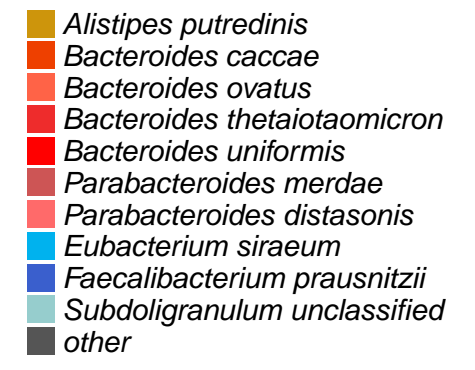
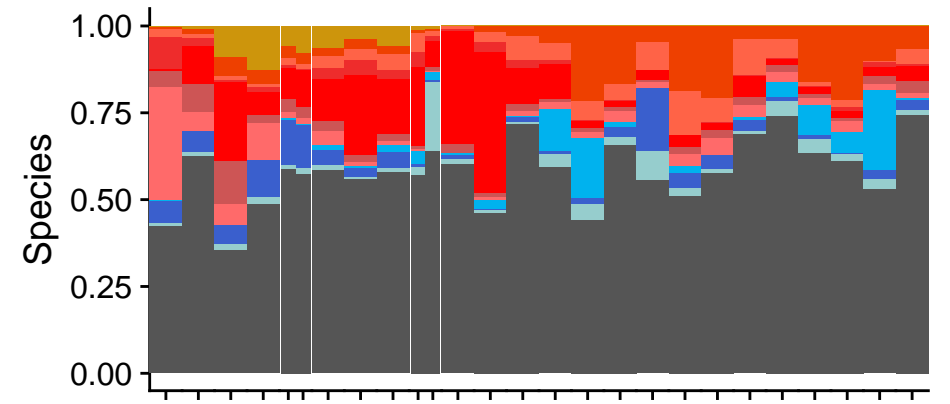
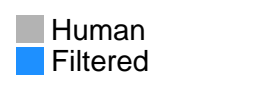
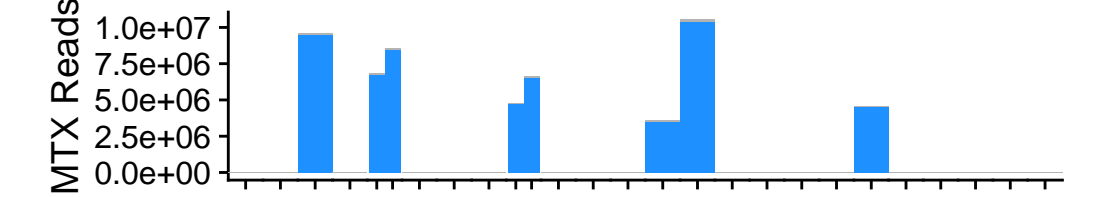
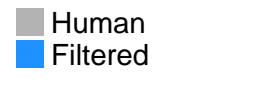
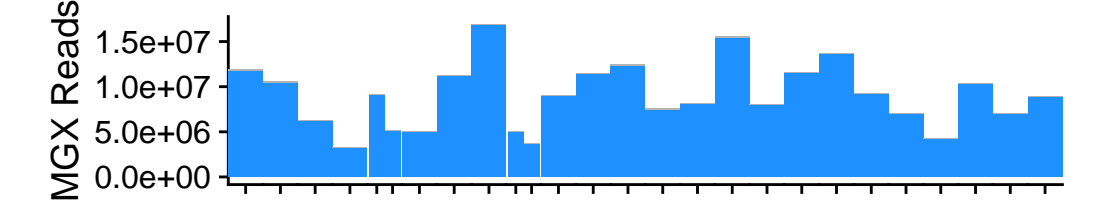
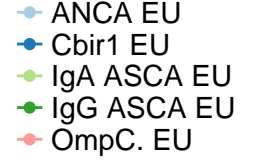
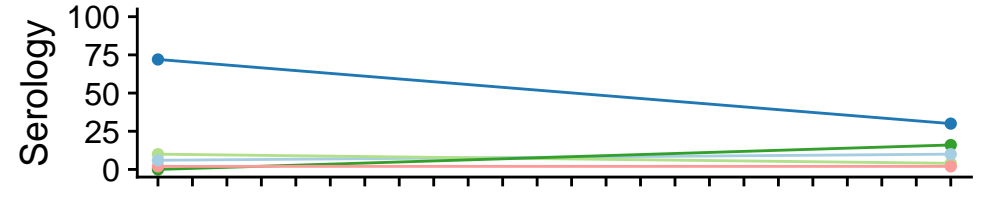
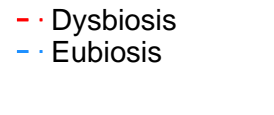
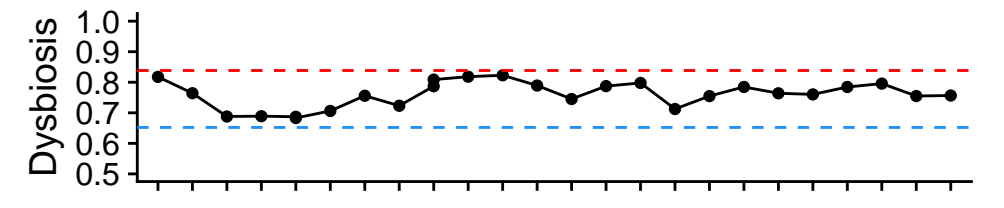
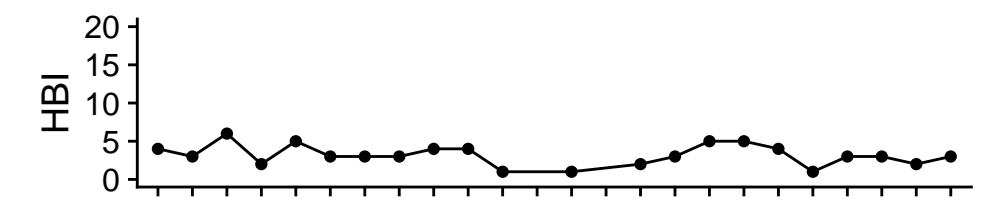
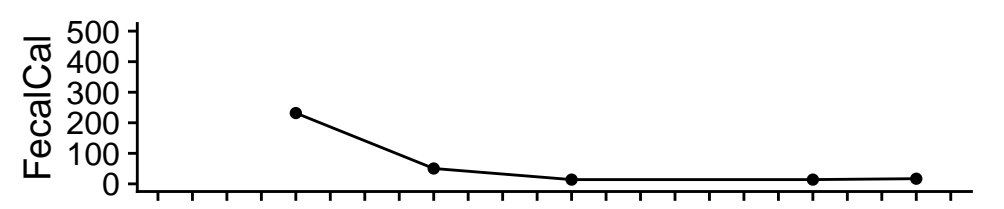
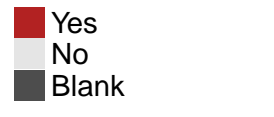
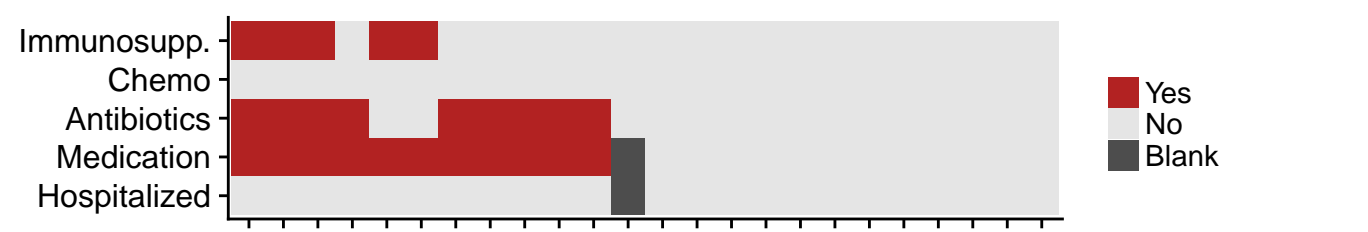
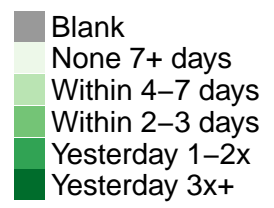
Escherichia phage vB EcoM AY0145A
Escherichia phage vB EcoM-VpaE1
unclassified Myoviridae
Lactococcus phage M5938
Human picobirnavirus
Gokushovirus WZ-2015a
Cucumber green mottle mosaic virus
Tomato mosaic virus
other

K01881: prolyl-tRNA synthetase [EC:6.1.1.15]
K01939: adenylosuccinate synthase [EC:6.3....]
K02906: large subunit ribosomal protein L3
K02909: large subunit ribosomal protein L31
K02911: large subunit ribosomal protein L32
K02914: large subunit ribosomal protein L34
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K06001: tryptophan synthase beta chain [EC:...,
K18920: NO_NAME
K19157: NO_NAME

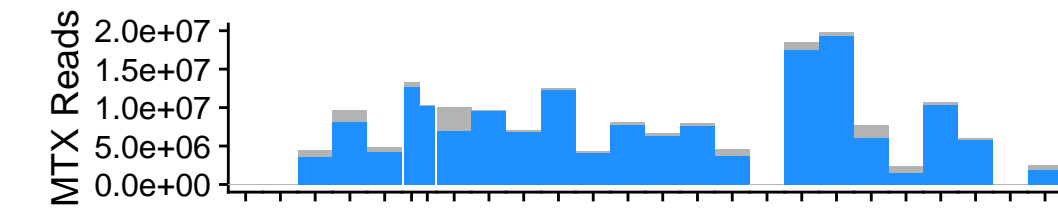
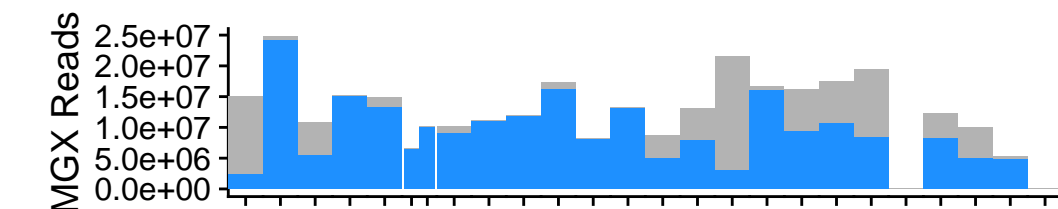
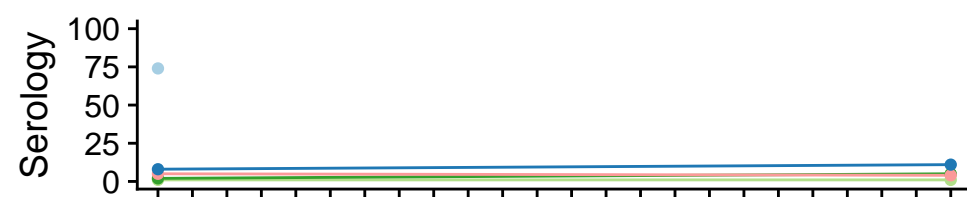
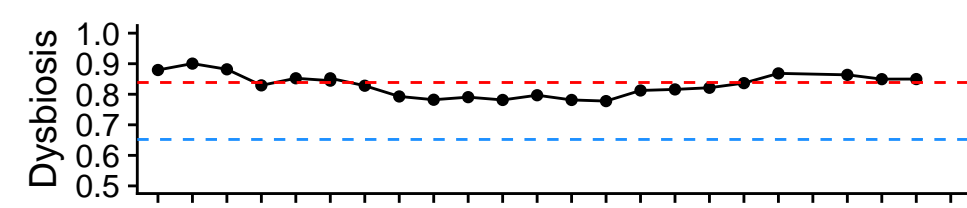
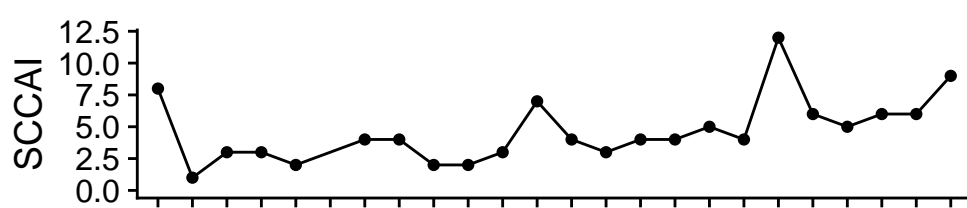
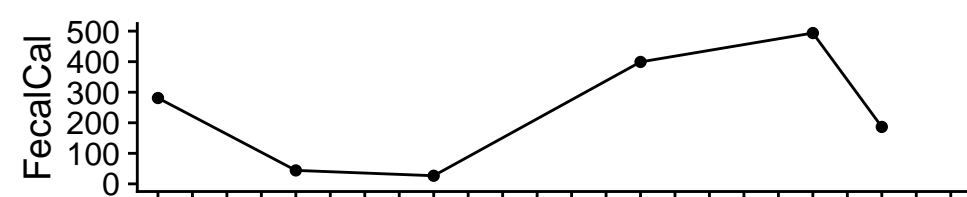
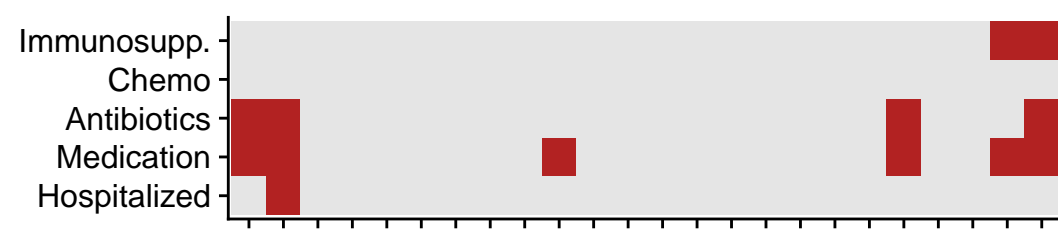
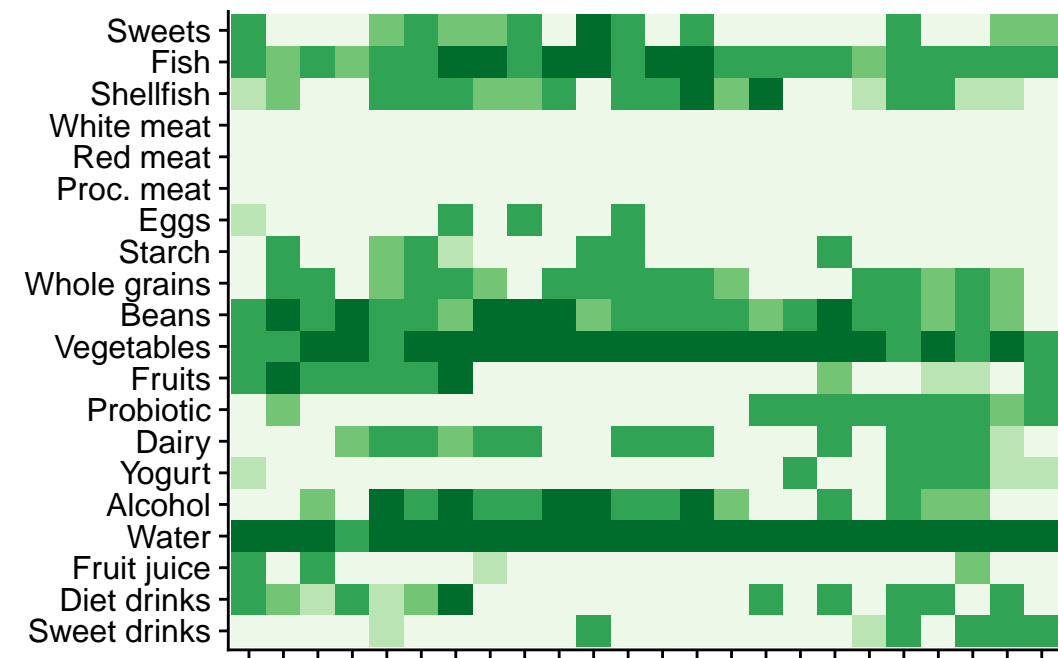
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02358: elongation factor EF-Tu
K02996: small subunit ribosomal protein S9
K03046: DNA-directed RNA polymerase sub...
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
UNGROUPED



M2068: 19 Female White MGH | CD L1



M2069: 29 Female White MGH | UC



None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

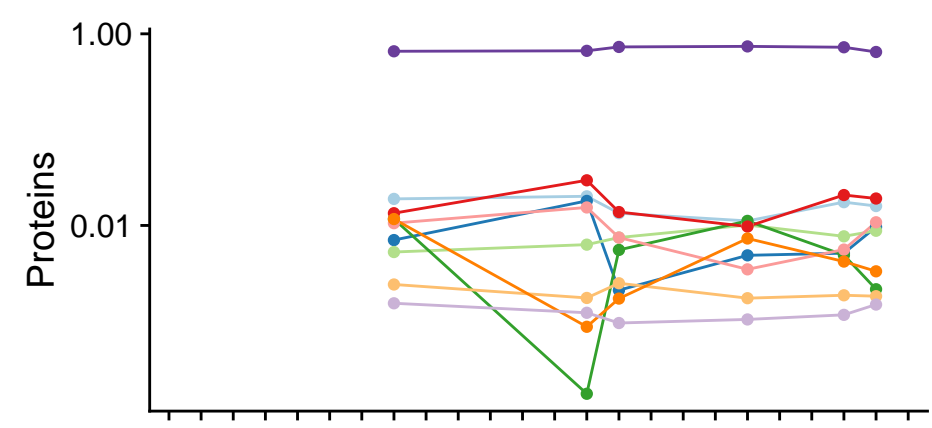
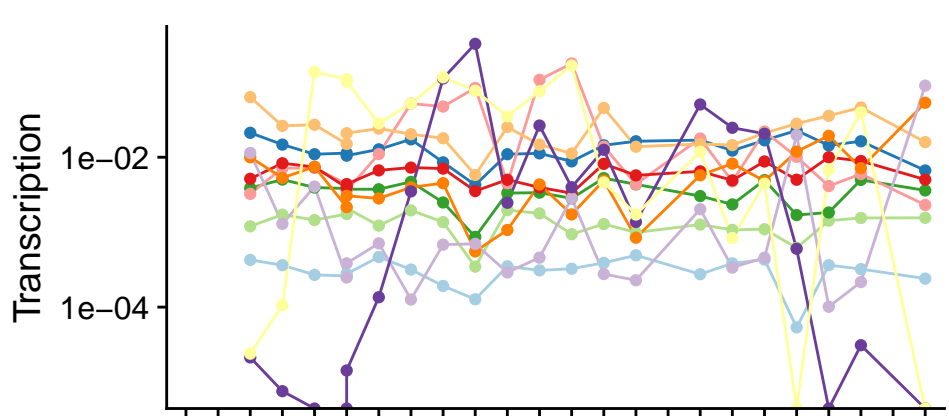
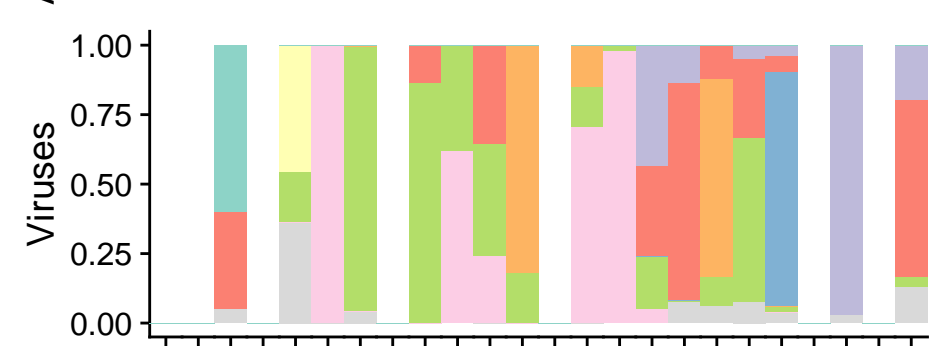
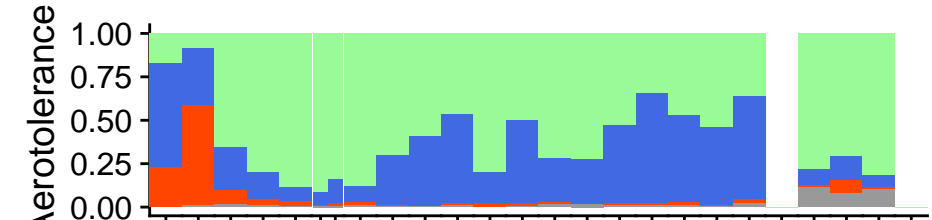
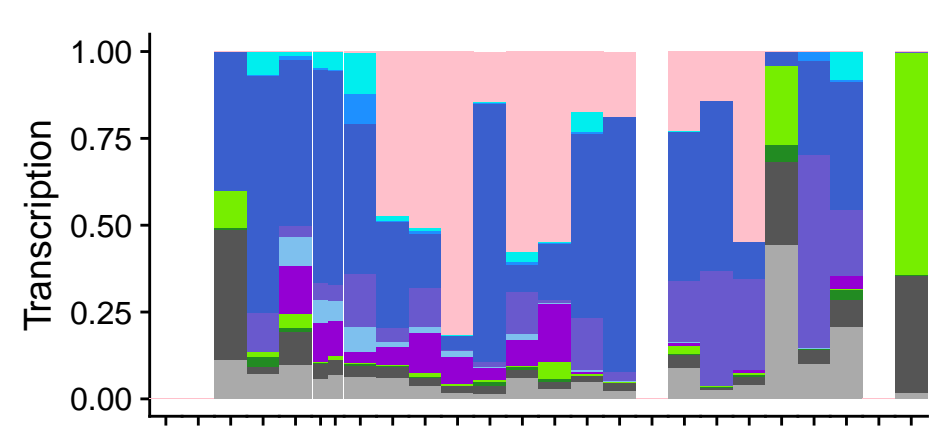
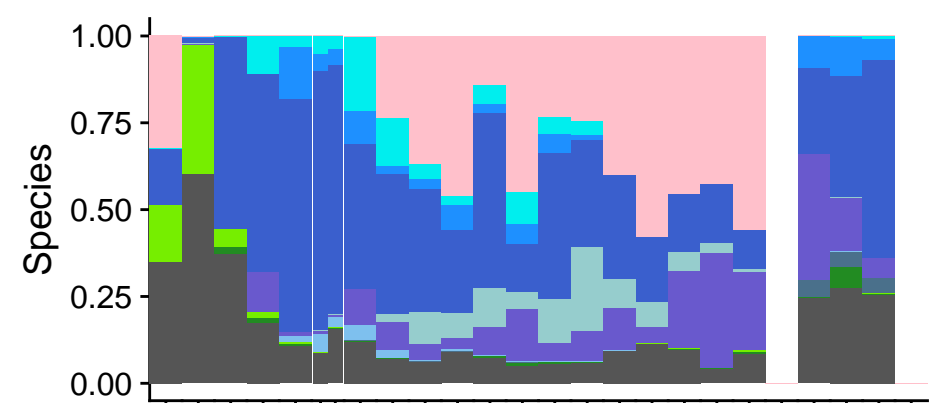
Yes
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Bacteroides fragilis
Eubacterium rectale
Eubacterium eligens
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia intestinalis
Roseburia hominis
Roseburia inulinivorans
Escherichia coli
Haemophilus parainfluenzae
other

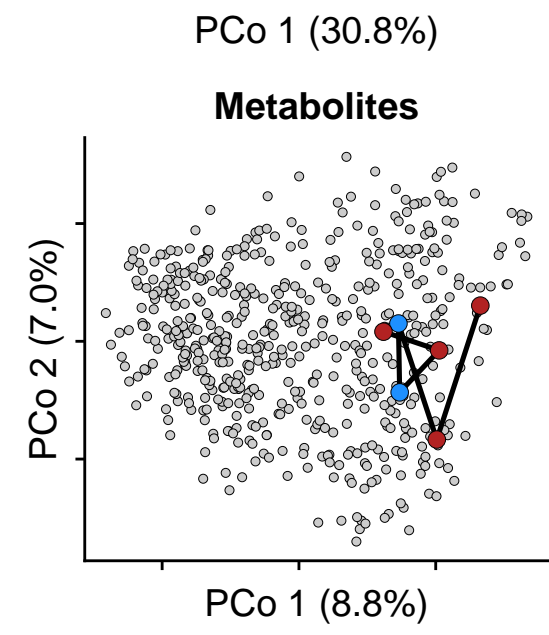
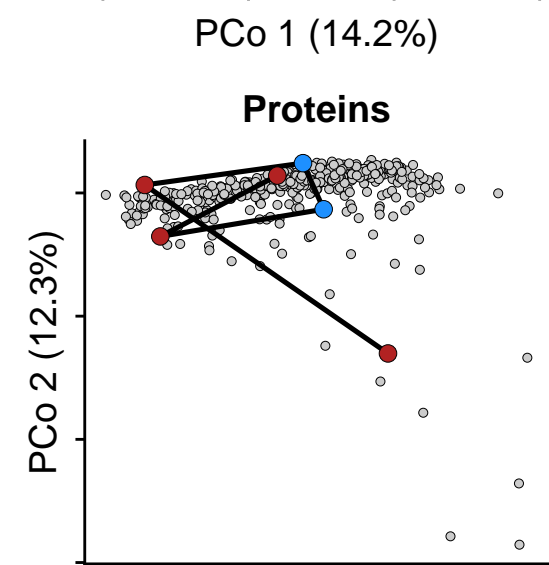
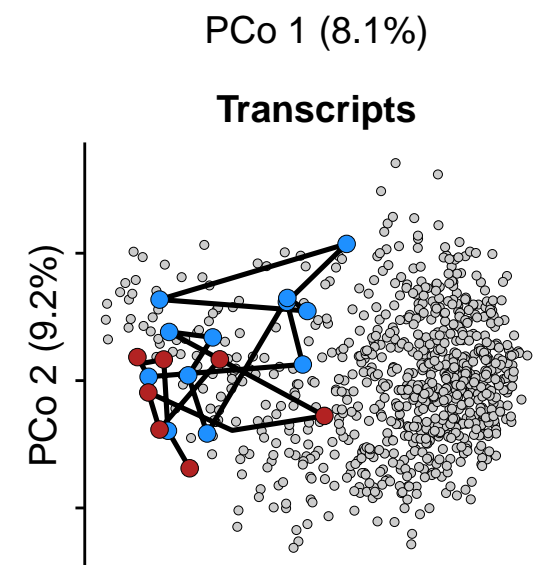
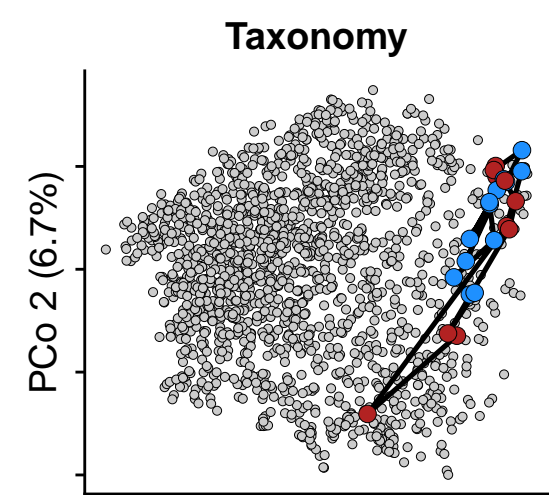
Bacteroides fragilis
Eubacterium rectale
Eubacterium eligens
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Ruminococcus obeum
Escherichia coli
Haemophilus parainfluenzae
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

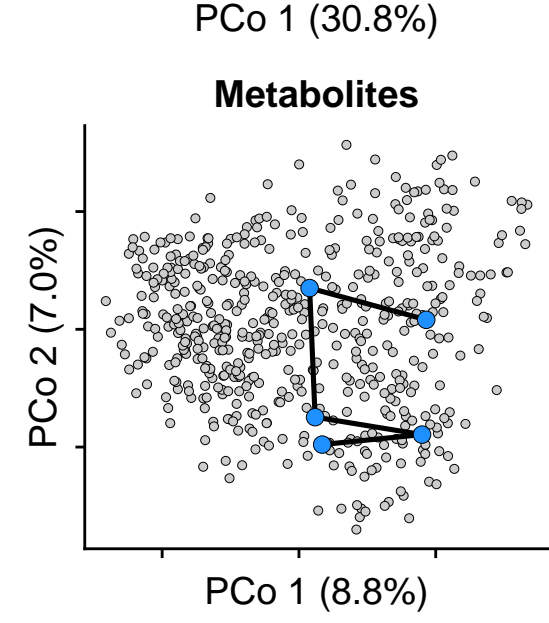
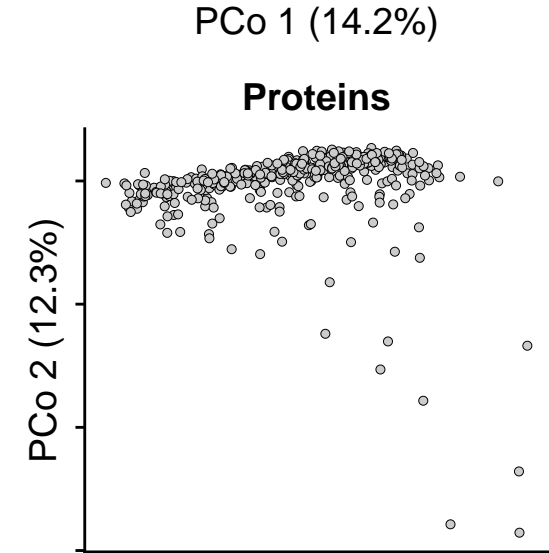
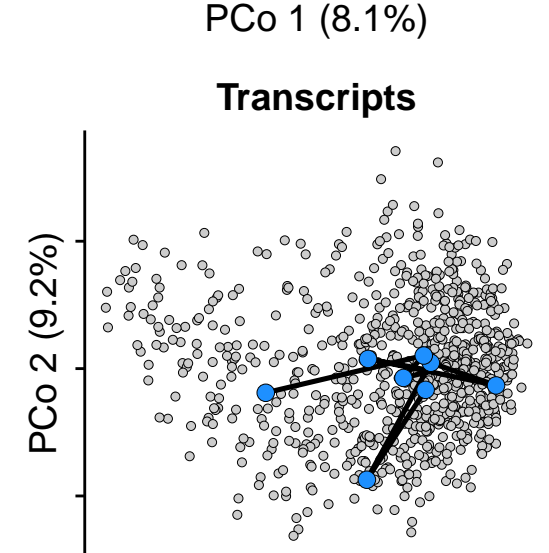
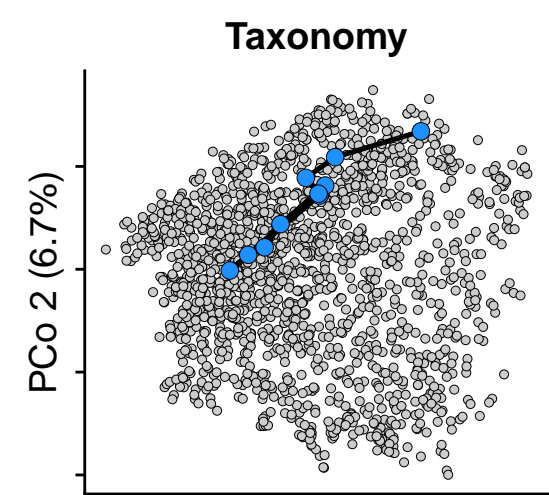
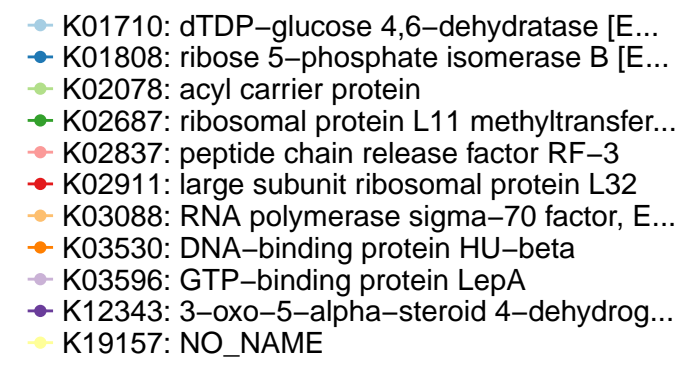
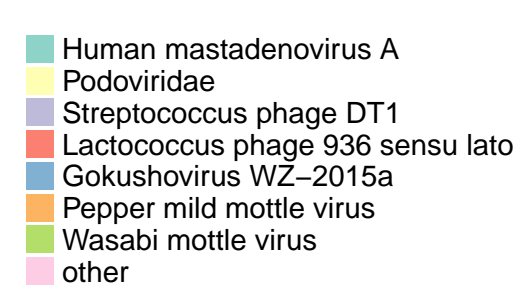
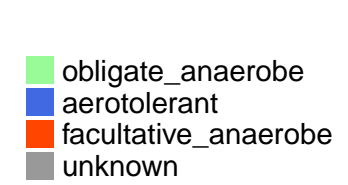
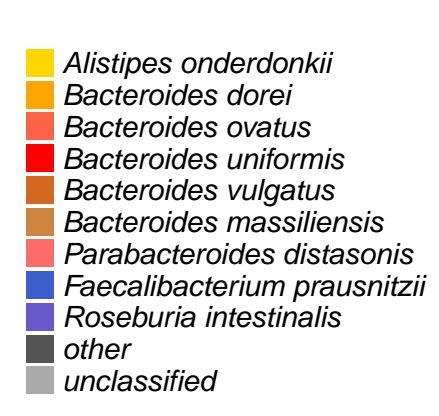
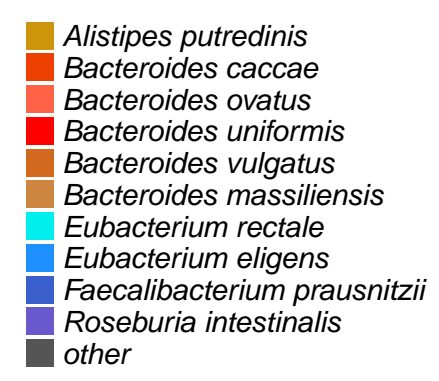
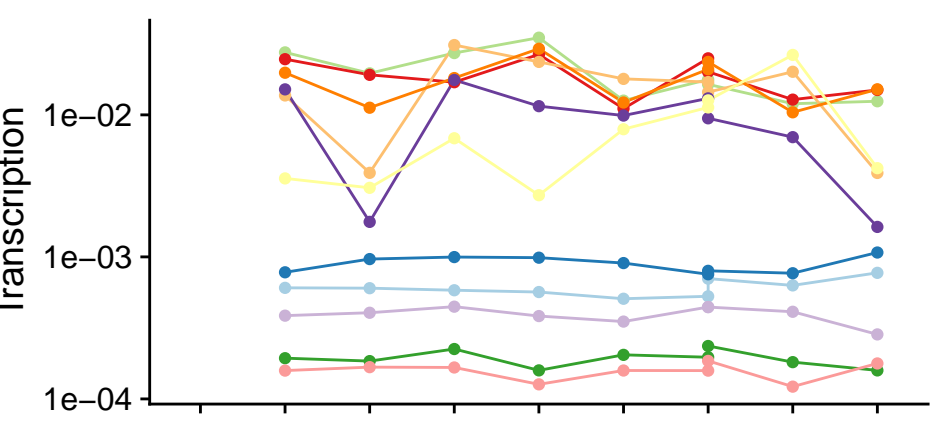
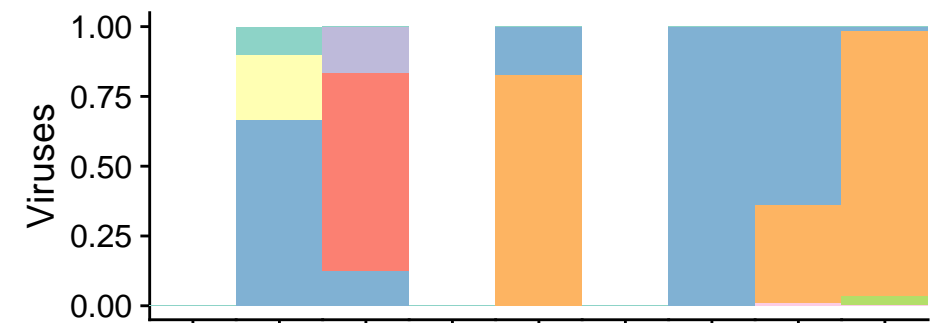
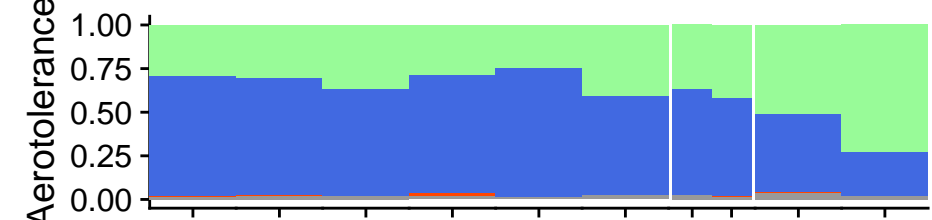
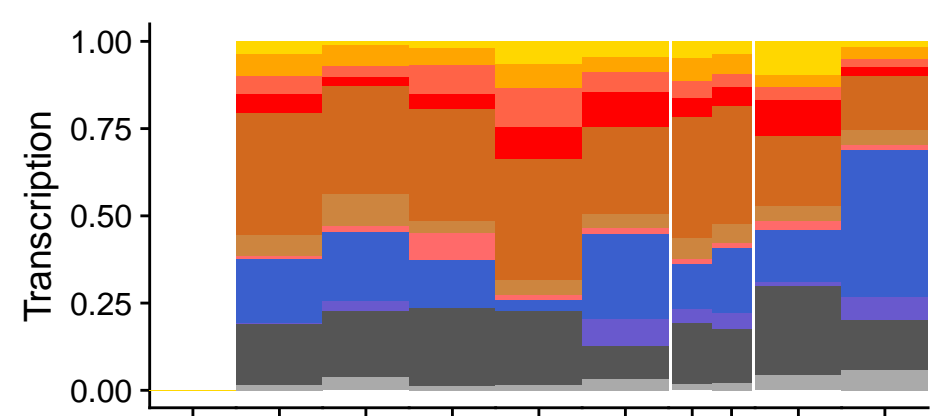
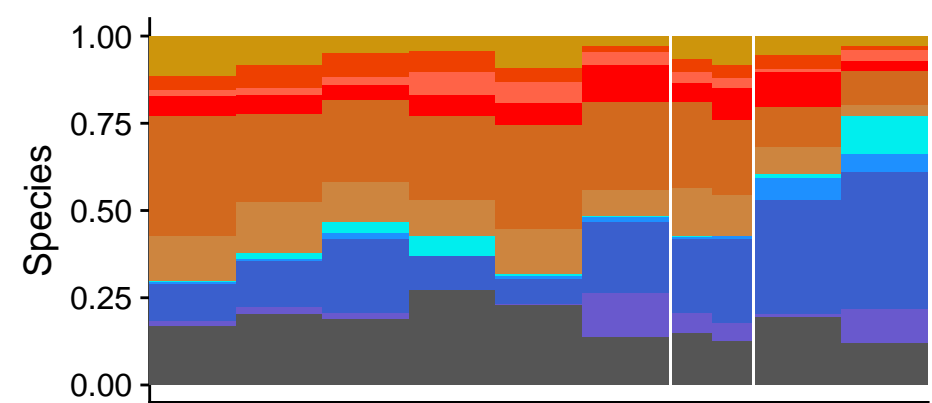
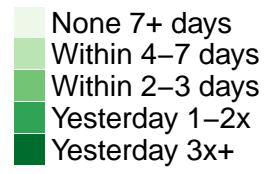
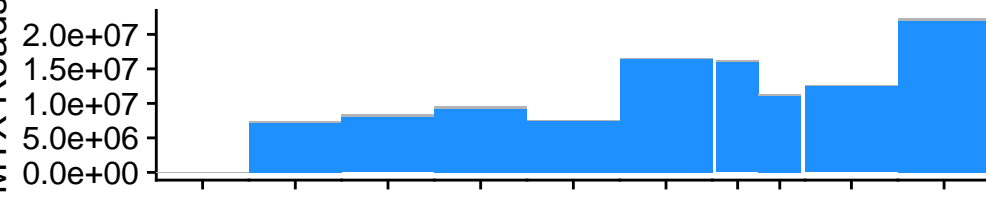
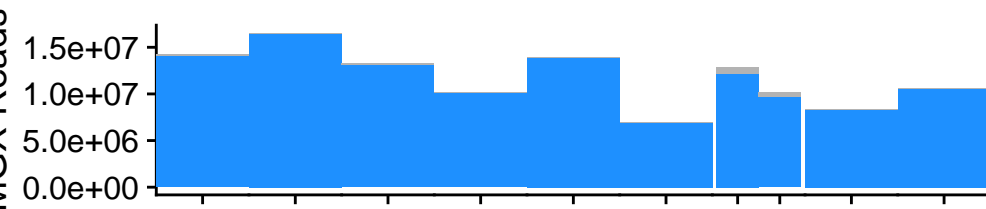
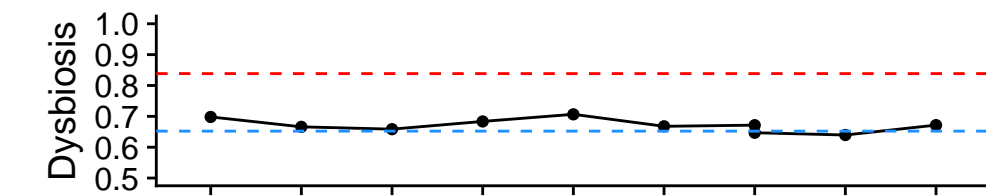
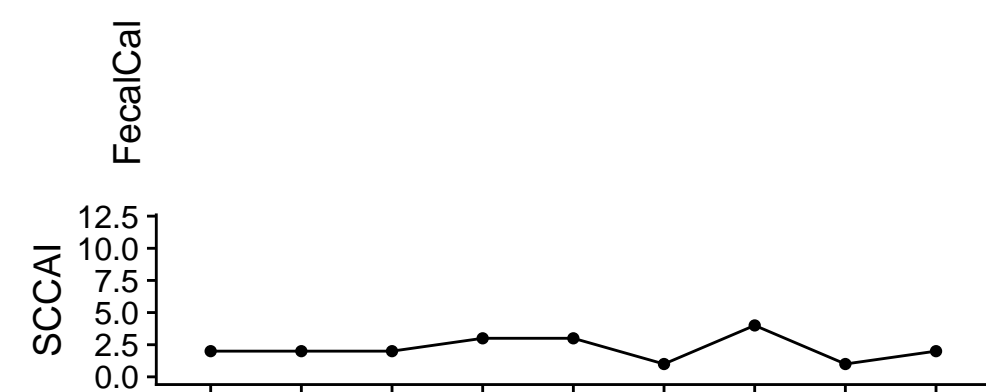
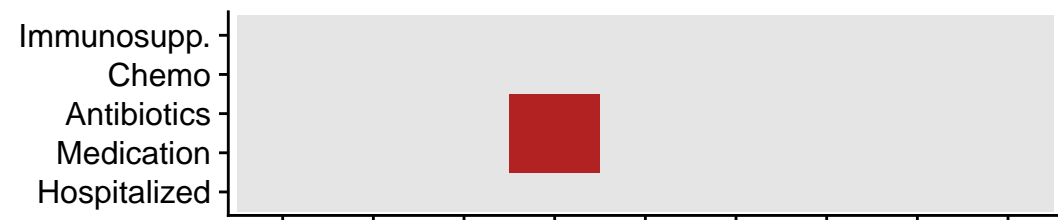
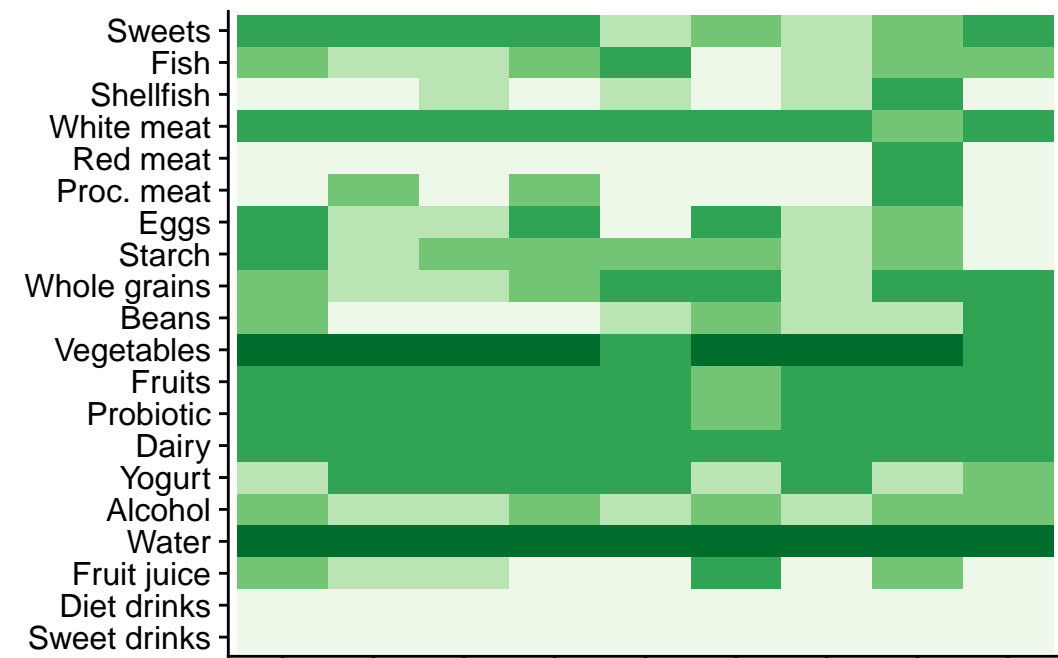
Enterococcus phage EFDG1
T7virus
Streptococcus phage Sfi21
Streptococcus phage YMC-2011
Bell pepper mottle virus
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Tomato mosaic virus
other

K00789: S-adenosylmethionine synthetase [...]
K02358: elongation factor EF-Tu
K02838: ribosome recycling factor
K02863: large subunit ribosomal protein L1
K02909: large subunit ribosomal protein L31
K02956: small subunit ribosomal protein S15
K02970: small subunit ribosomal protein S21
K03704: cold shock protein (beta-ribbon, Cs...
K06078: murein lipoprotein lipoprotein
K13993: HSP20 family protein
K19157: NO_NAME

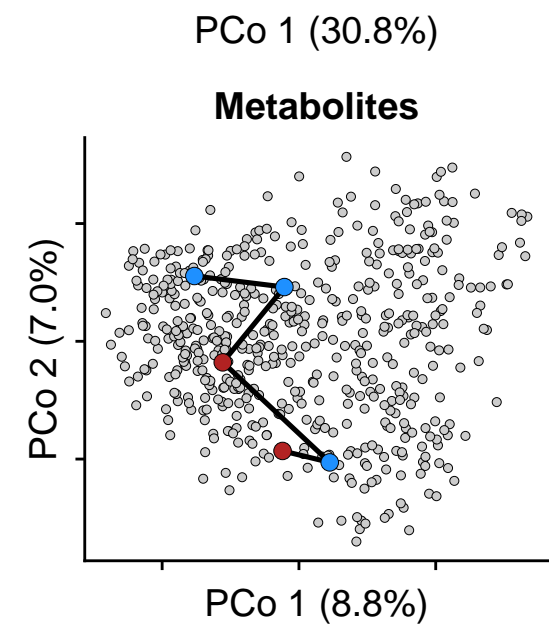
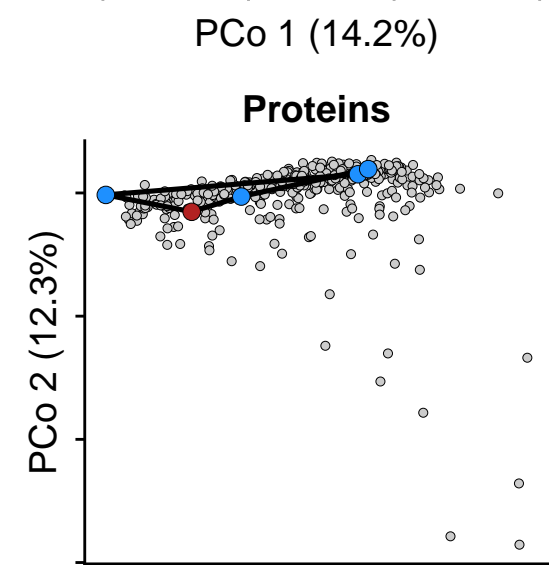
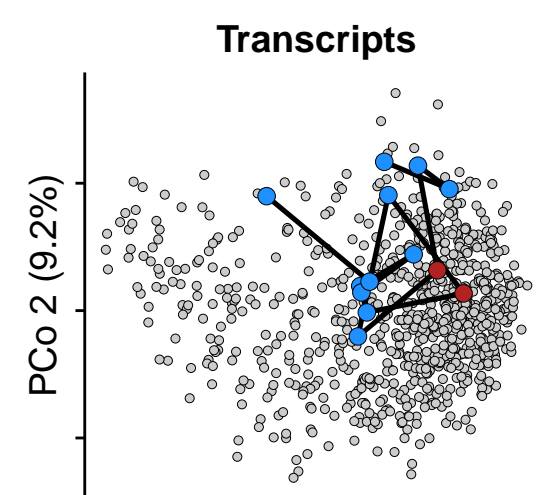
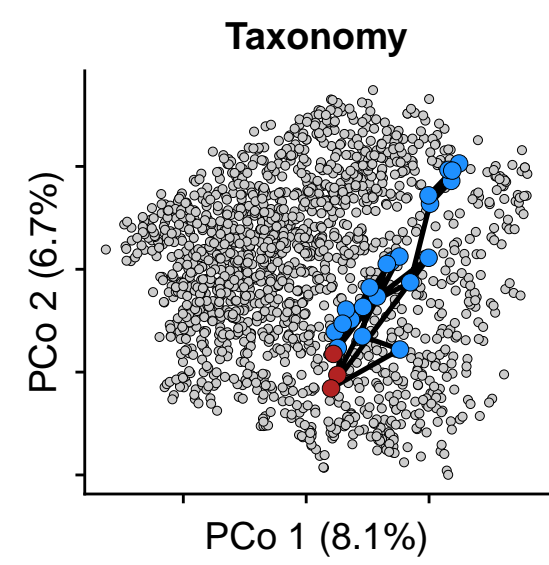
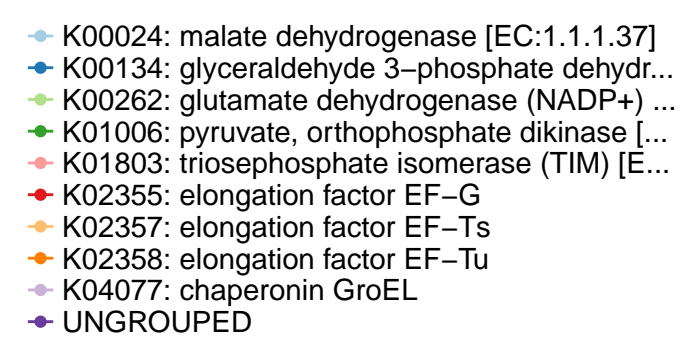
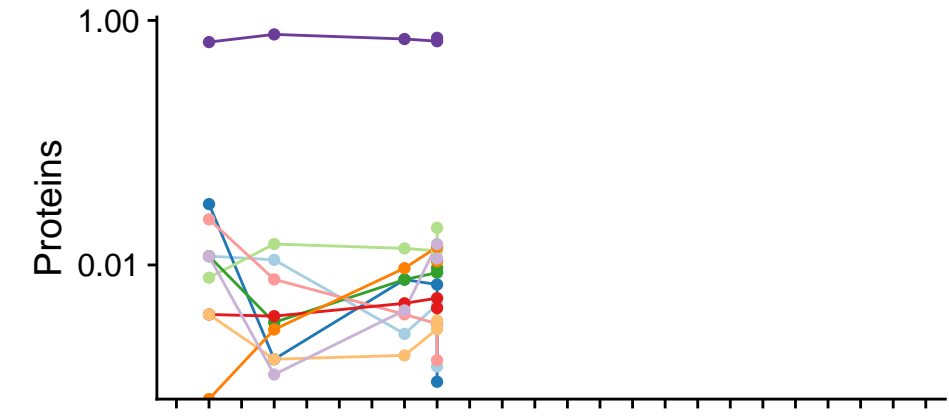
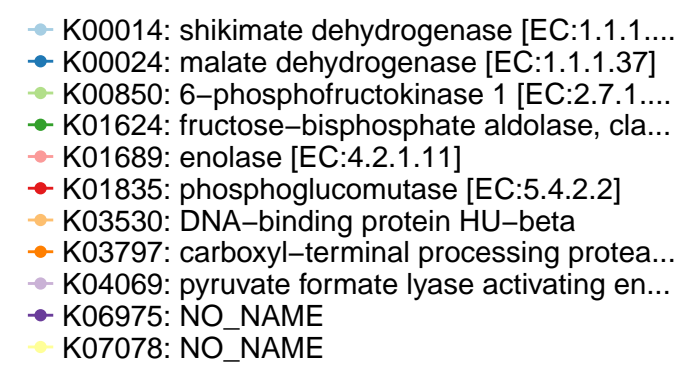
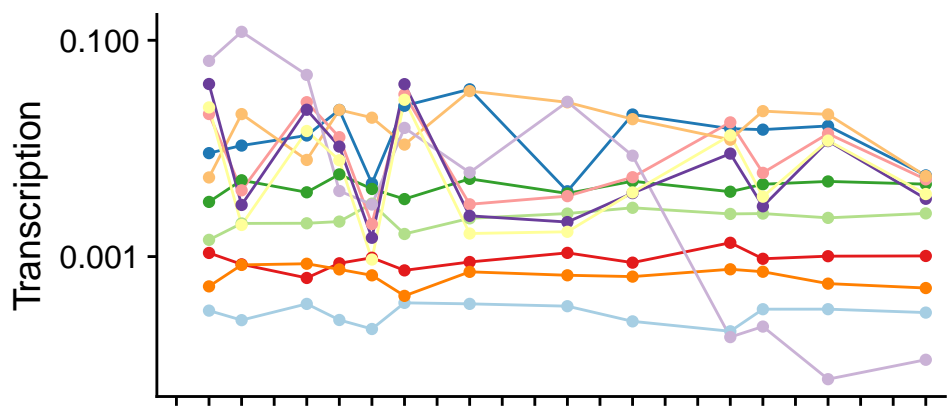
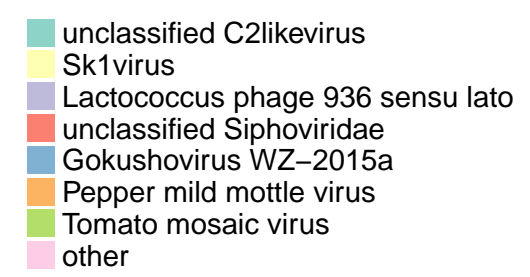
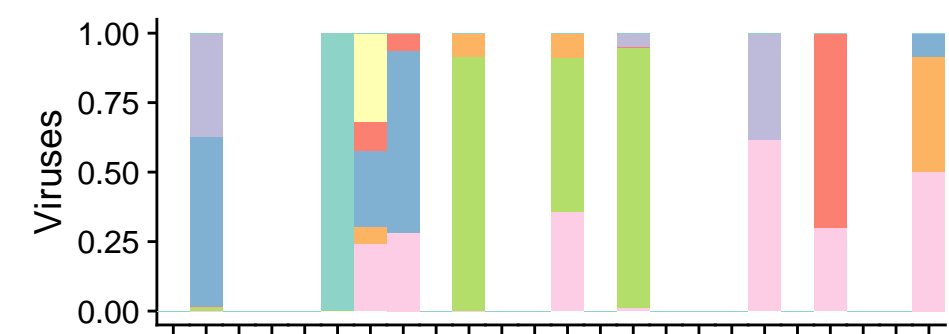
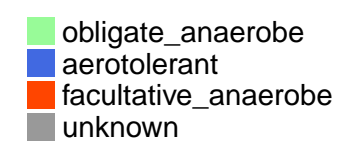
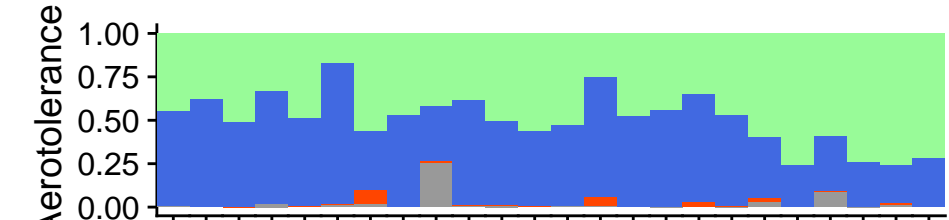
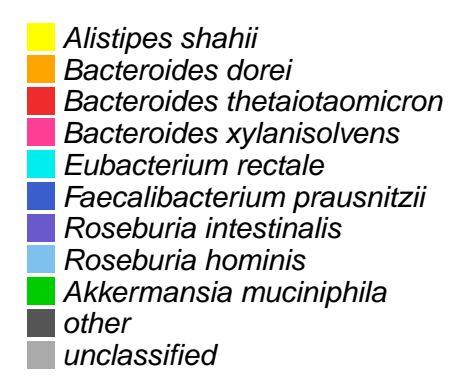
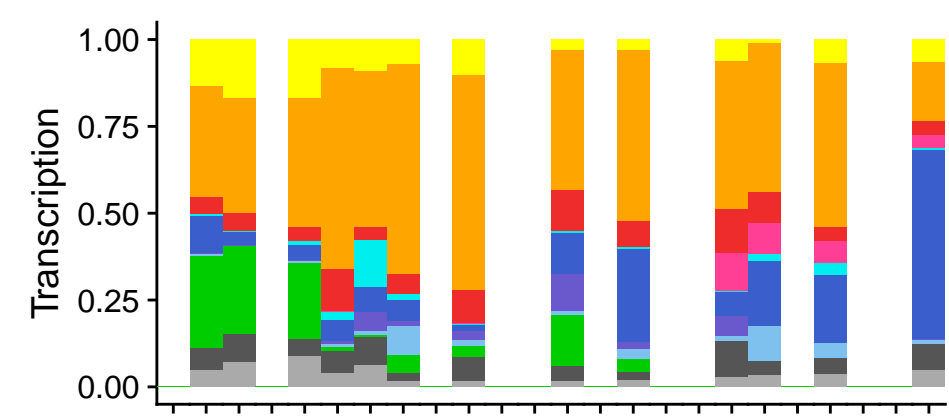
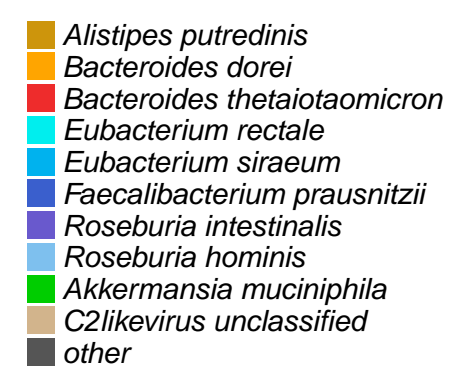
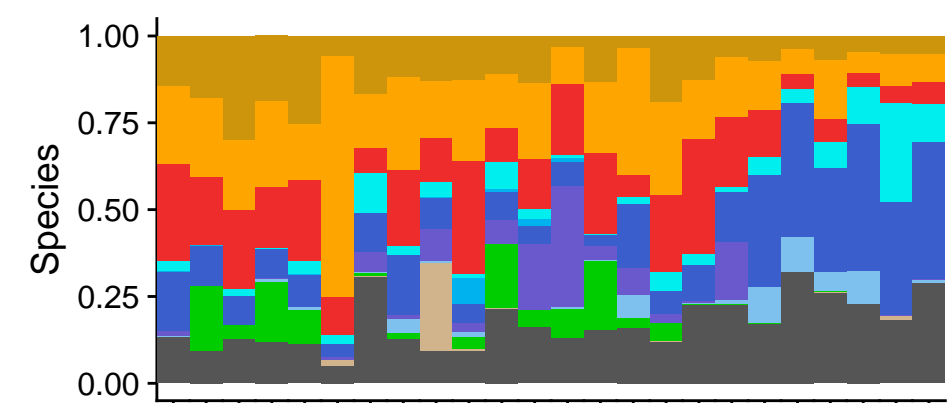
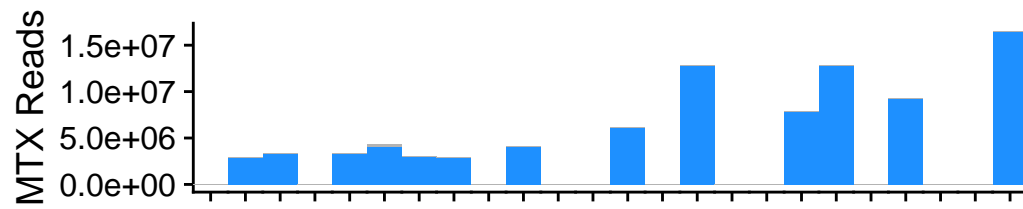
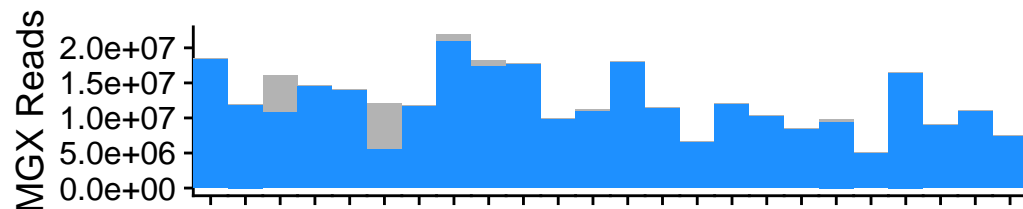
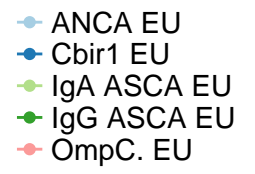
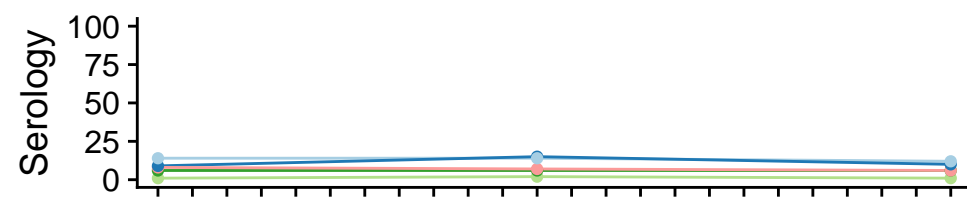
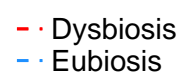
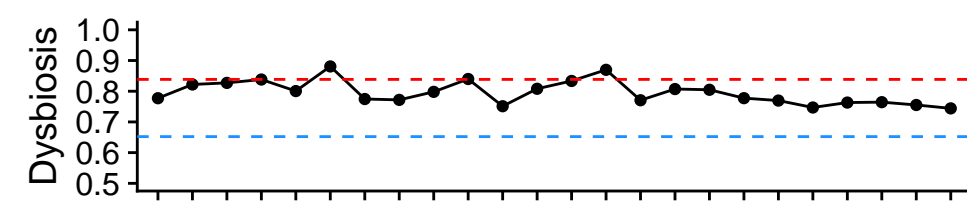
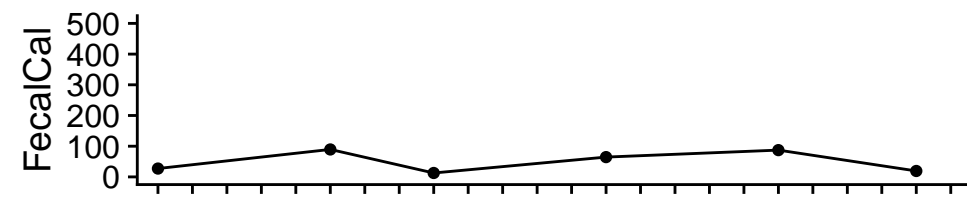
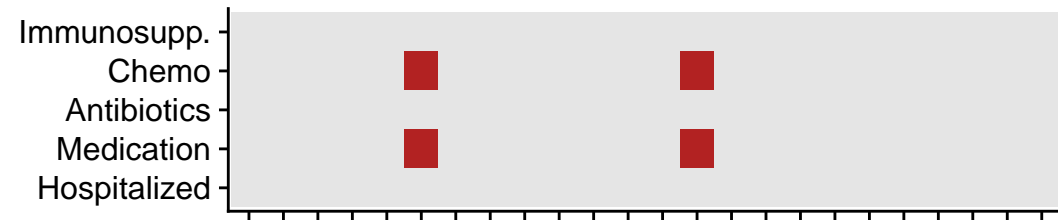
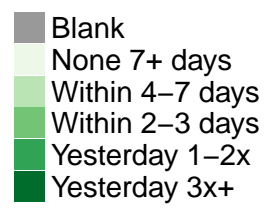
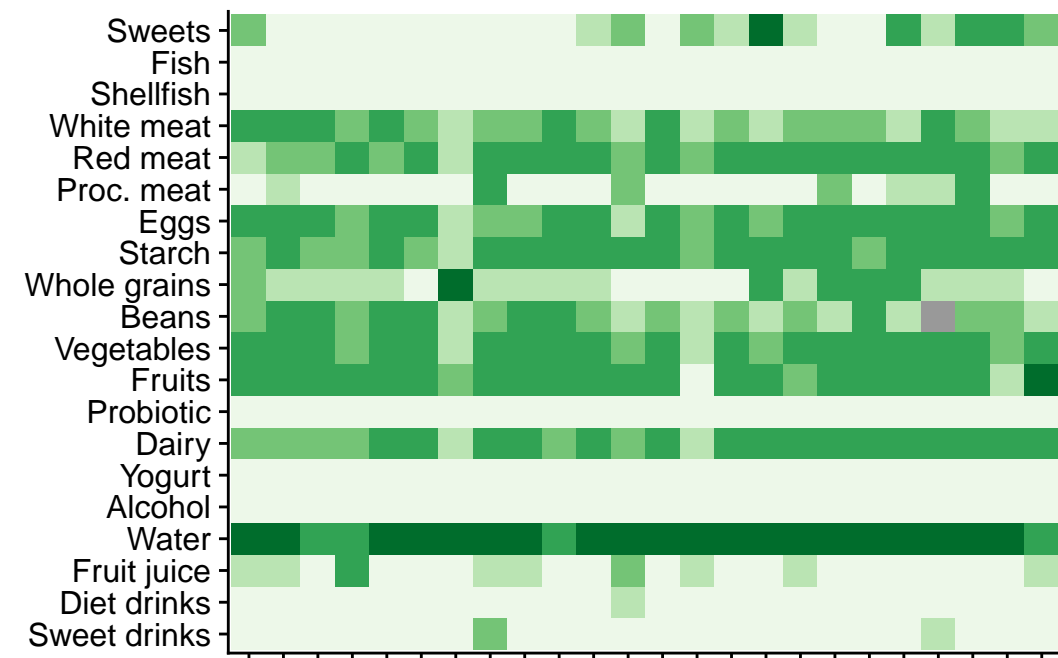
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02355: elongation factor EF-G
K02358: elongation factor EF-Tu
K02994: small subunit ribosomal protein S8
K10117: raffinose/stachyose/melibiose transp...
K15633: 2,3-bisphosphoglycerate-independ...
UNGROUPED



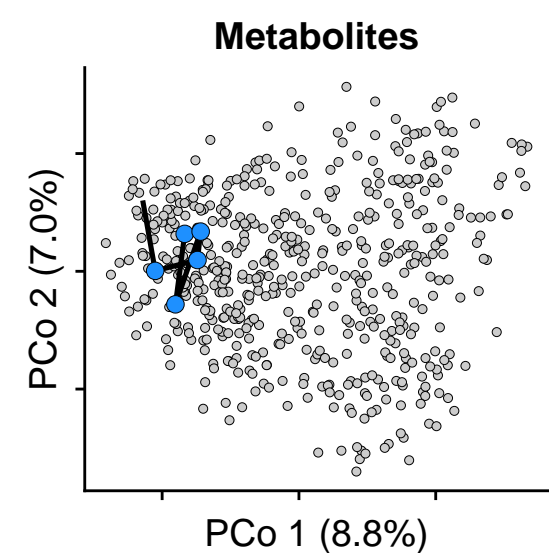
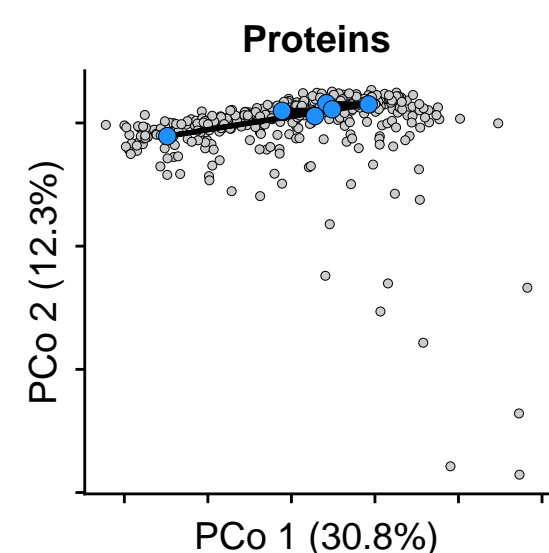
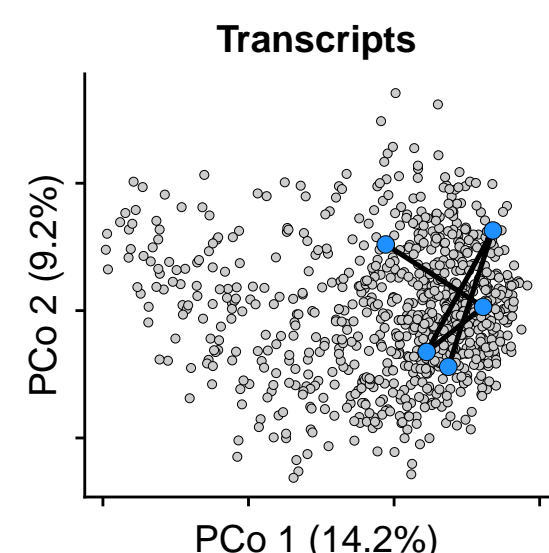
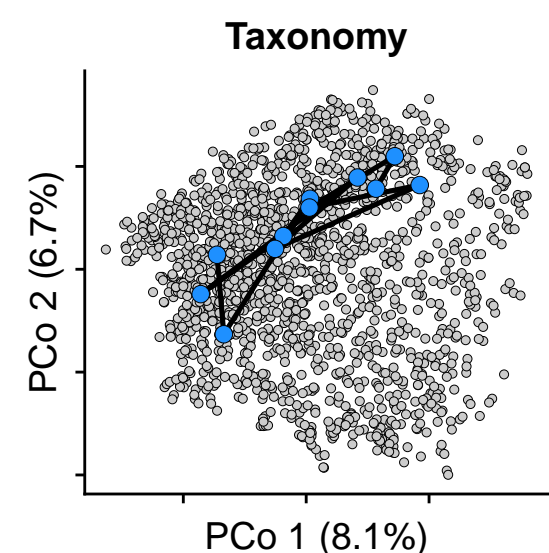
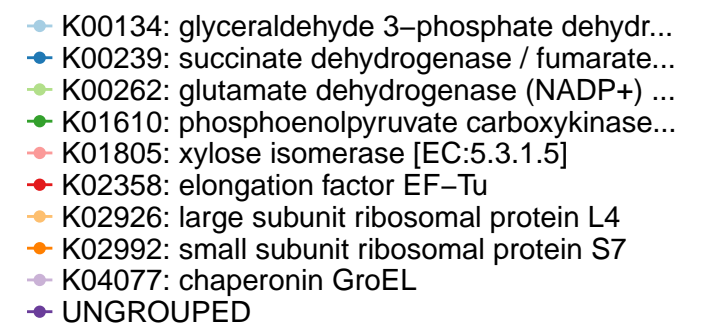
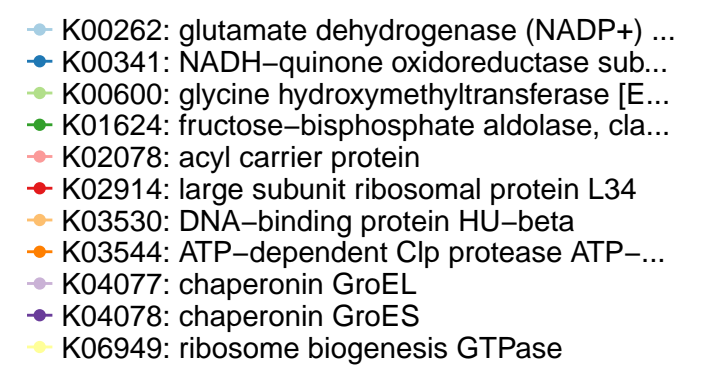
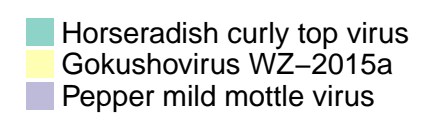
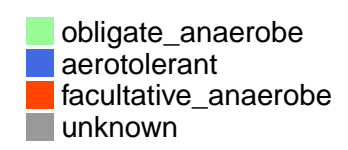
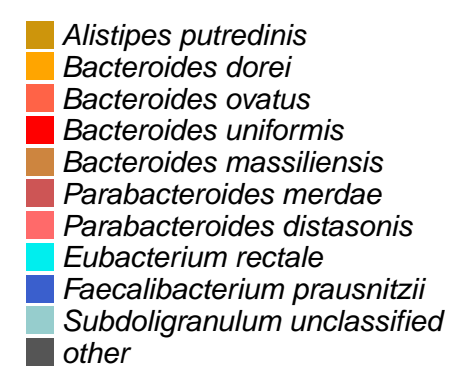
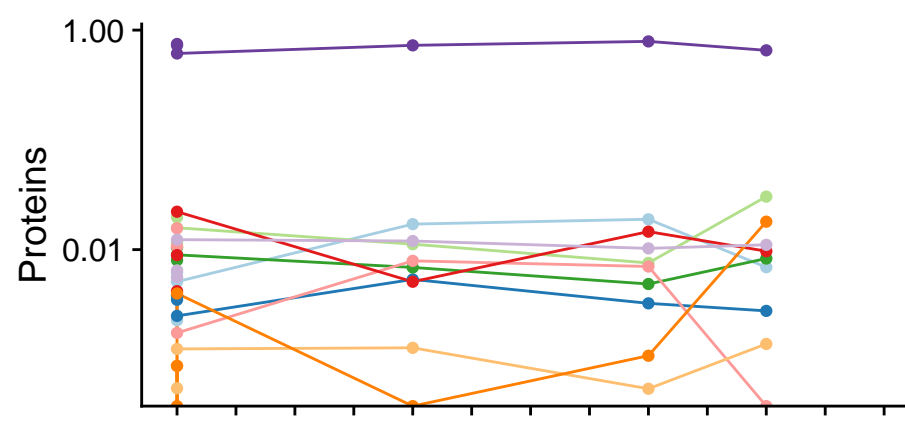
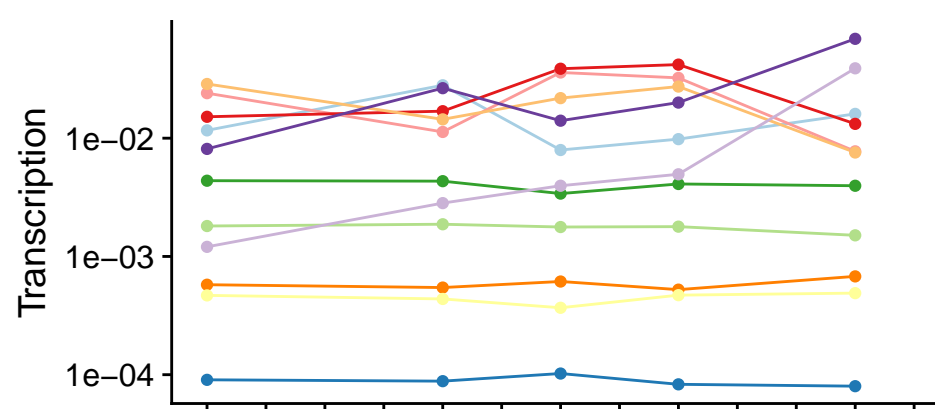
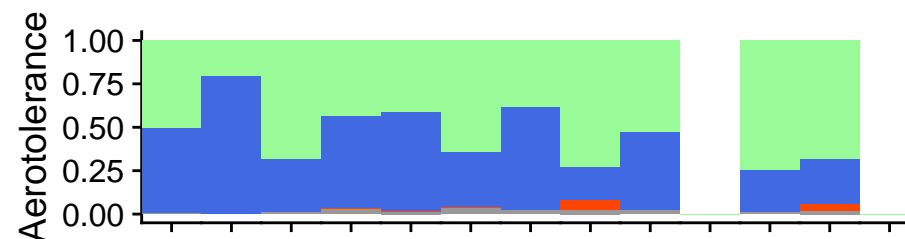
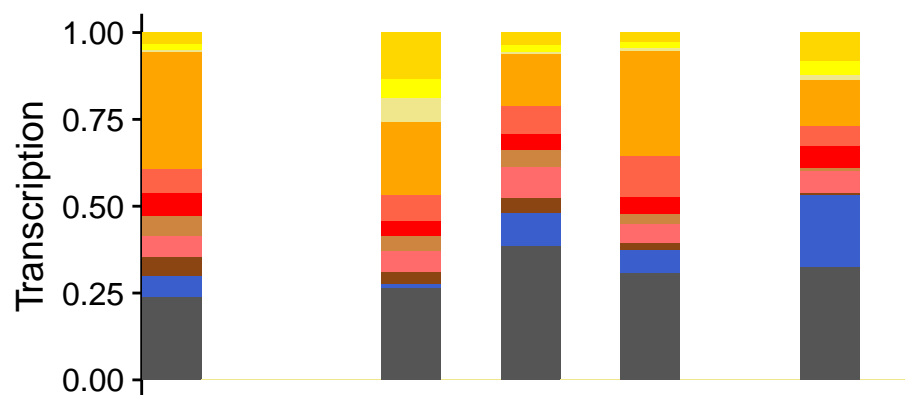
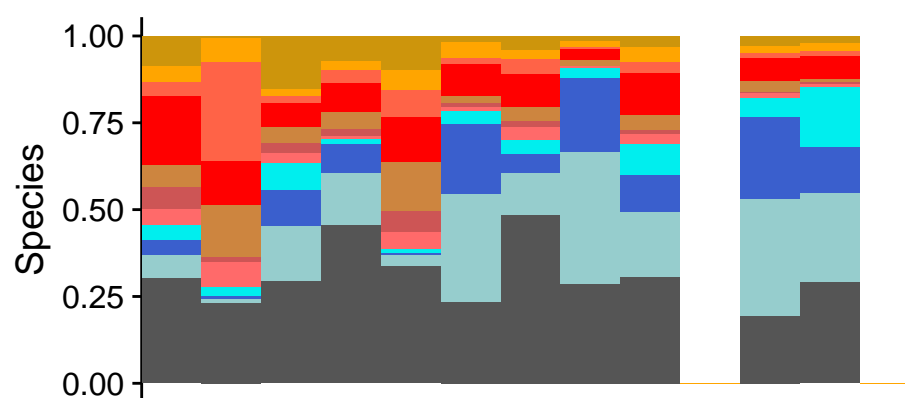
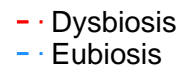
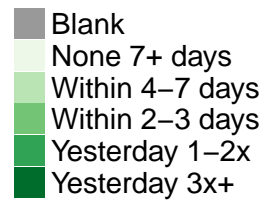
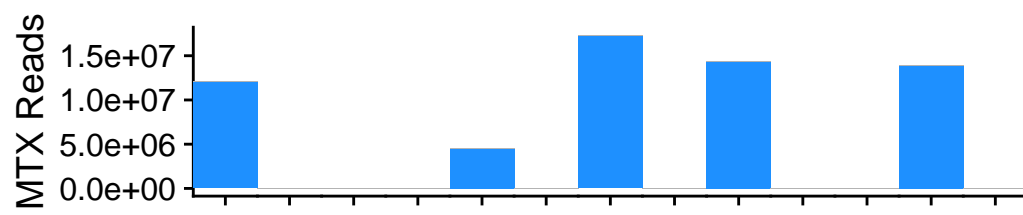
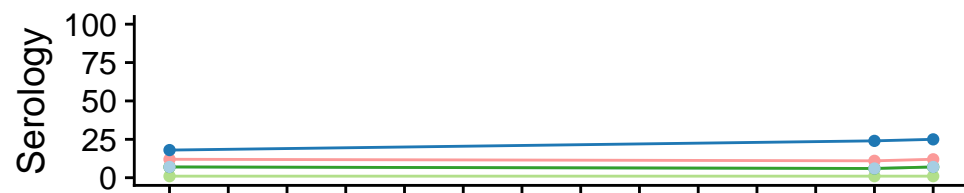
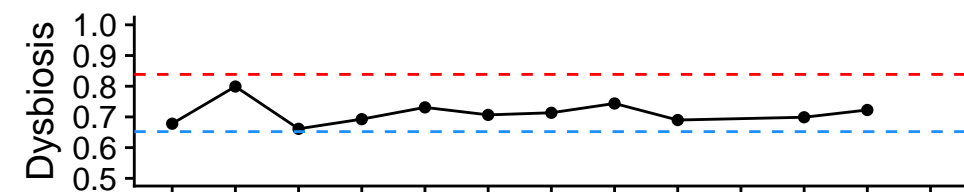
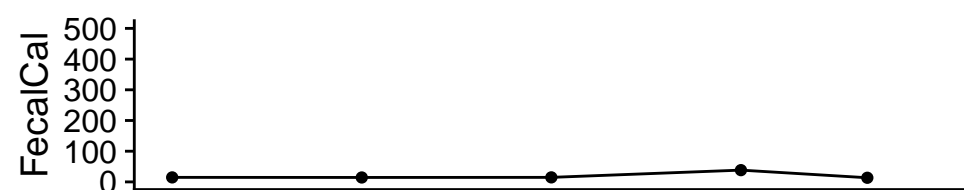
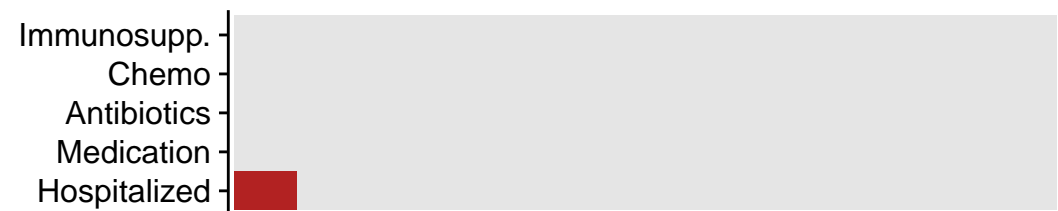
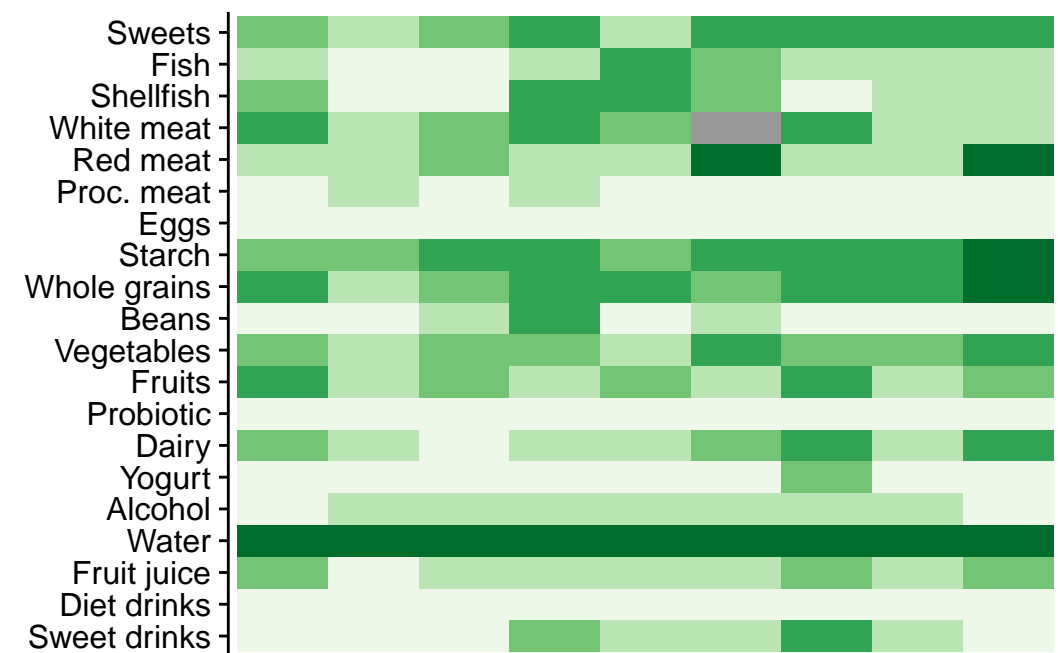
M2071: 26 Female White MGH | UC



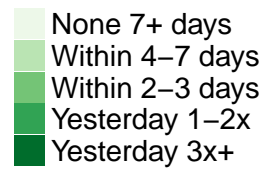
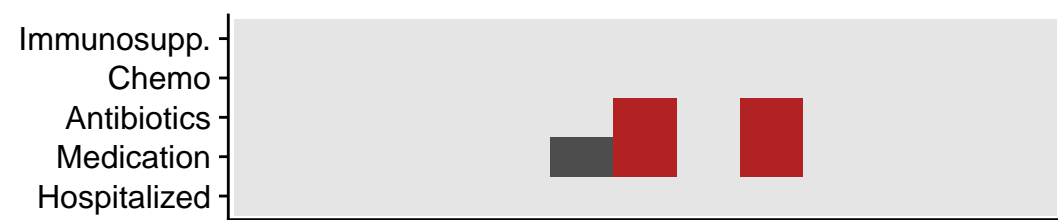
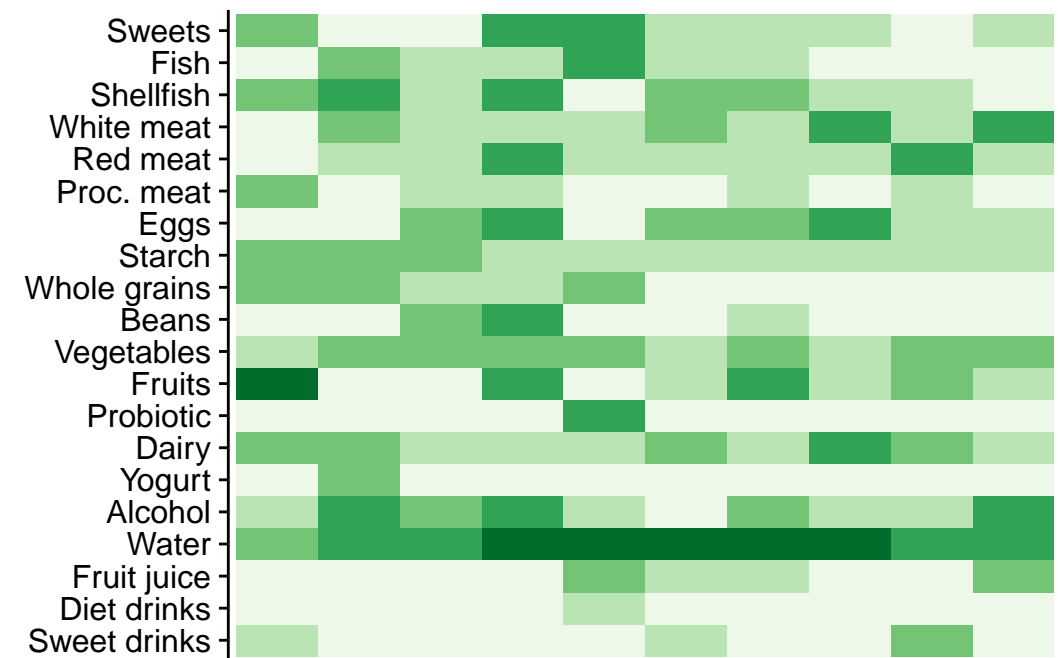
M2072: 51 Male White MGH | nonIBD



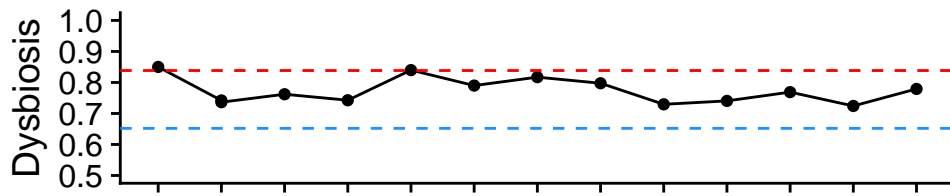
M2075: 61 Male White MGH | nonIBD



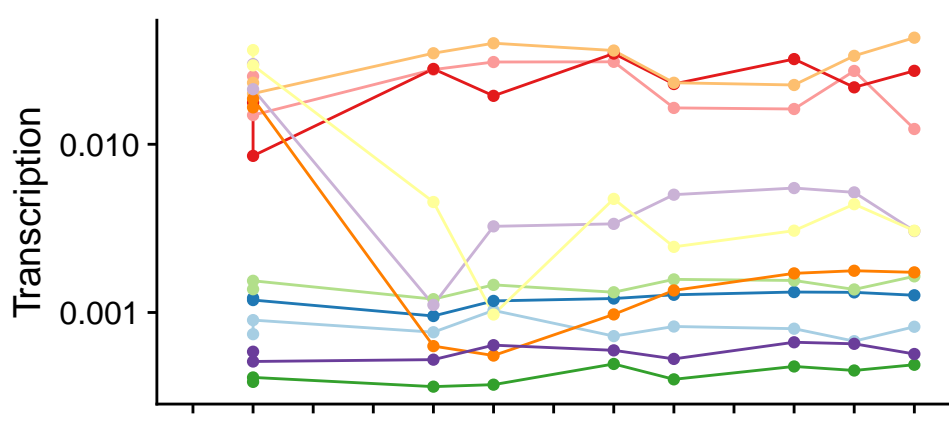
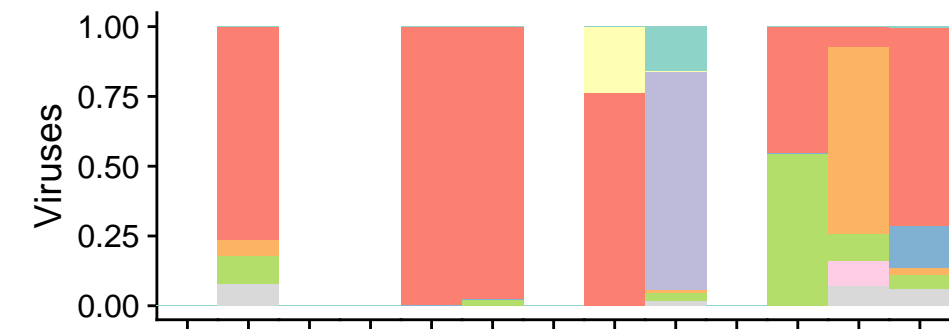
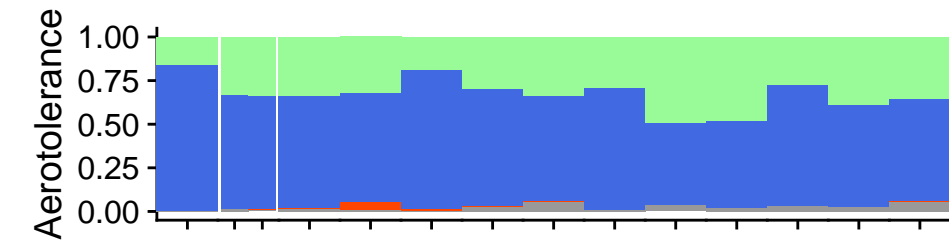
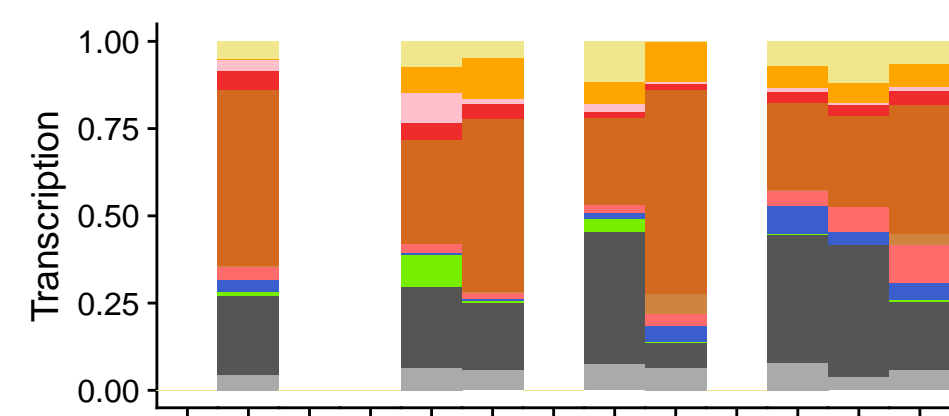
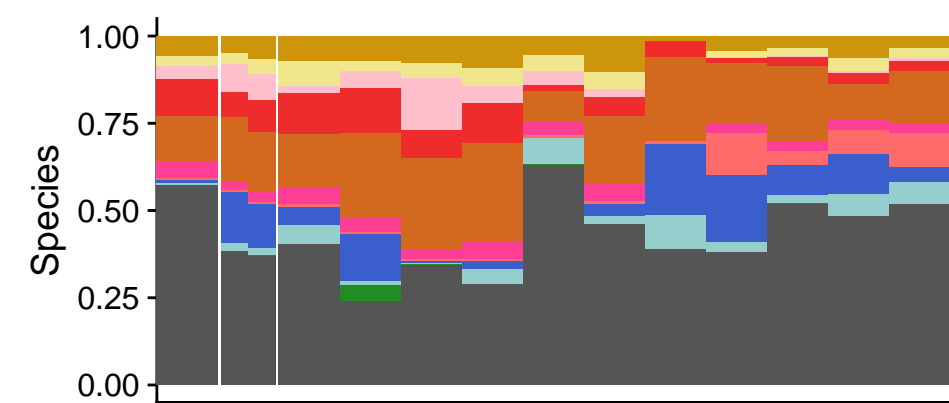
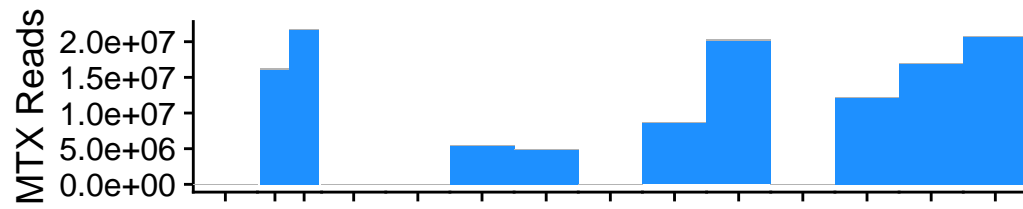
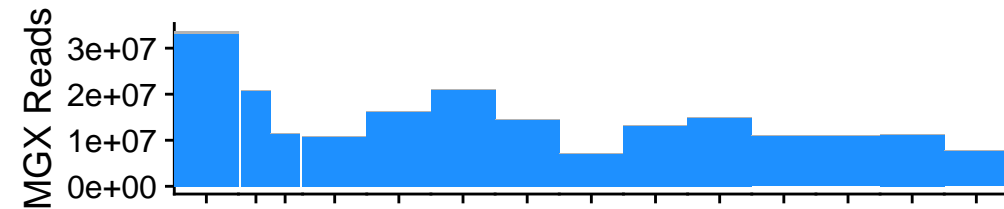
M2077: 32 Female White MGH | nonIBD



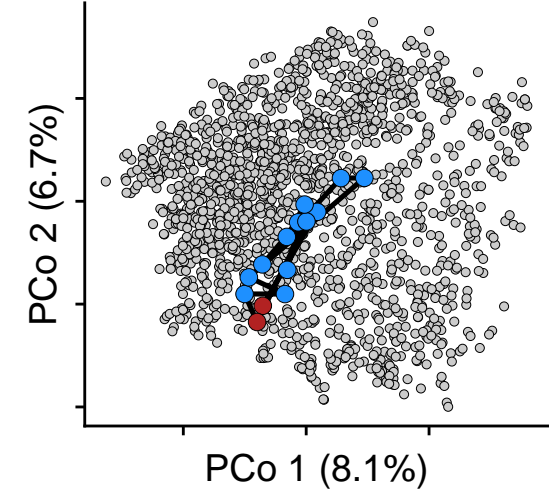
FecalCal



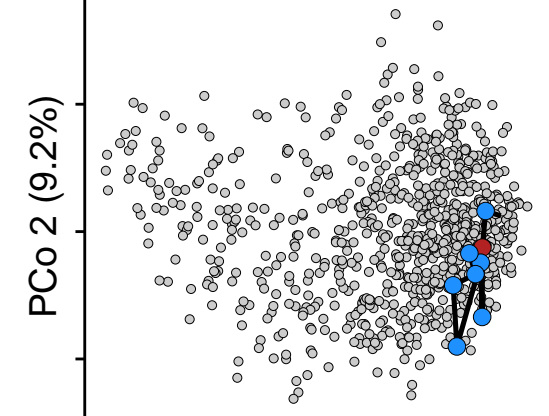
Serology



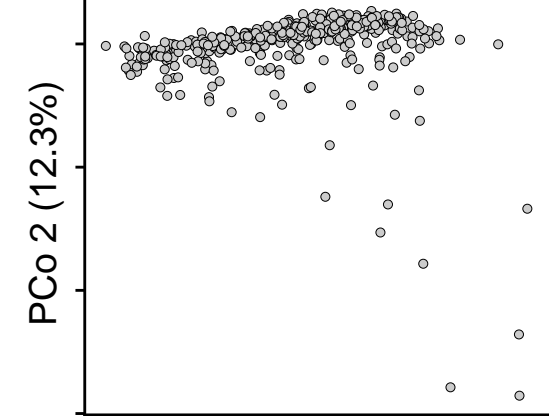
Taxonomy



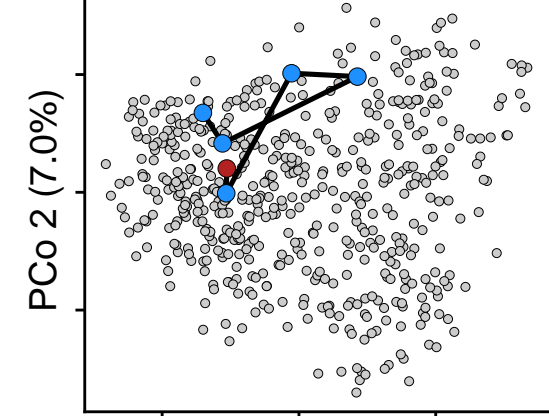
Transcripts



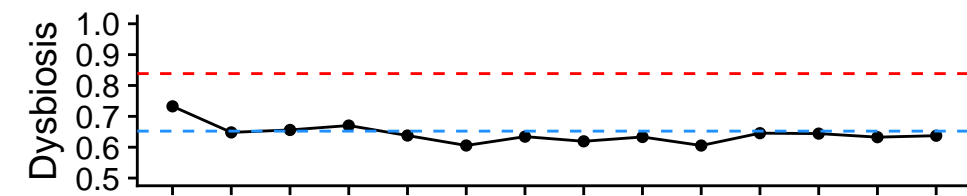
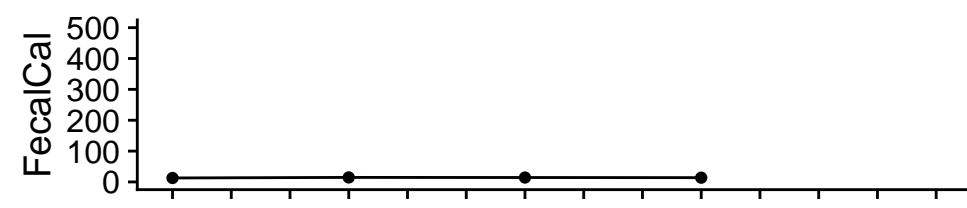
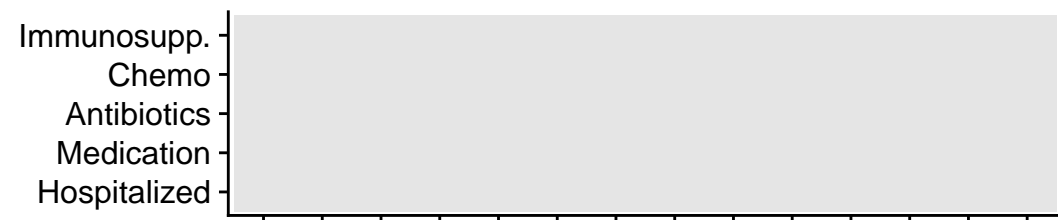
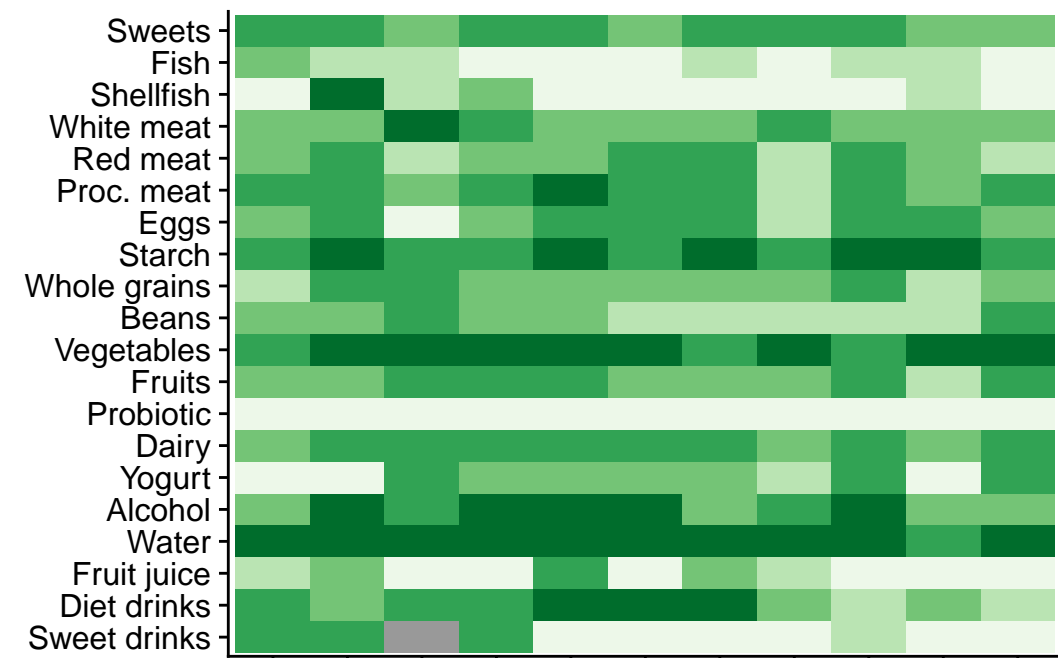
Proteins



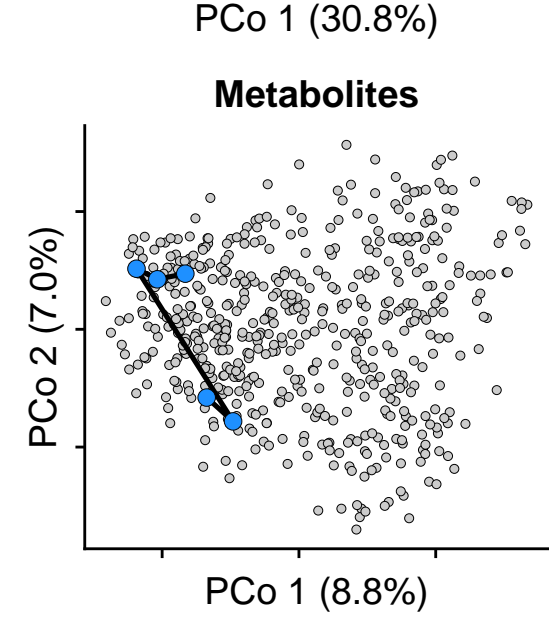
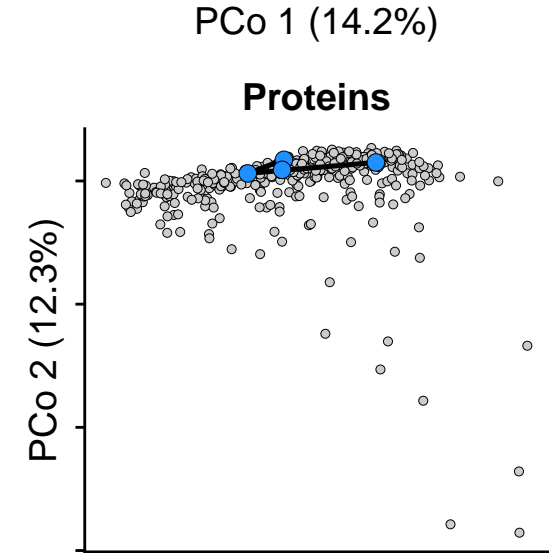
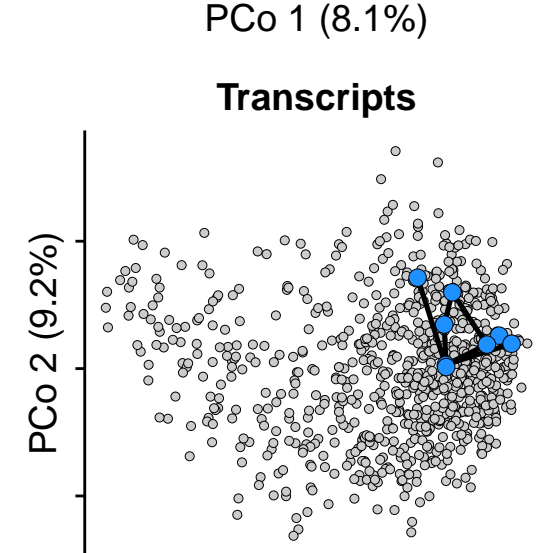
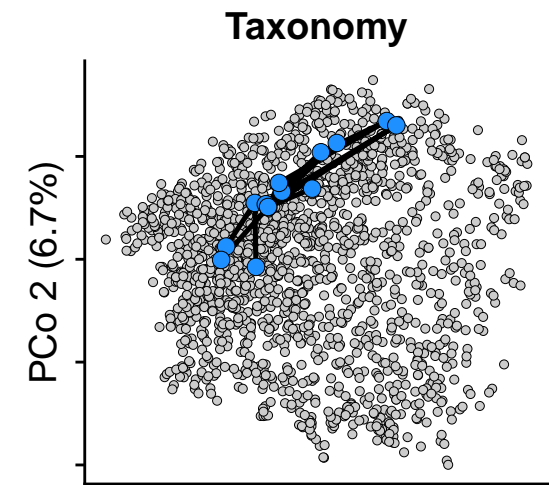
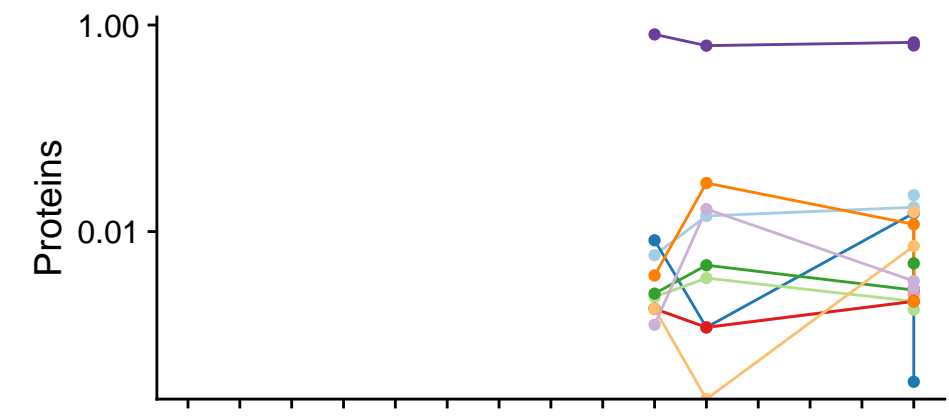
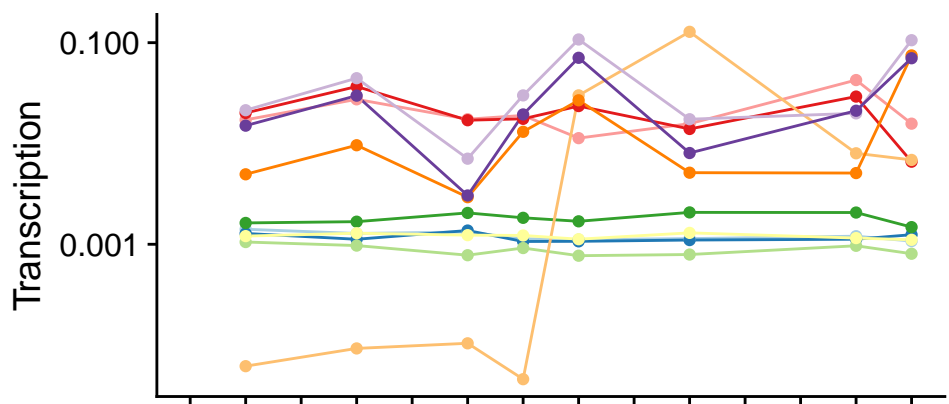
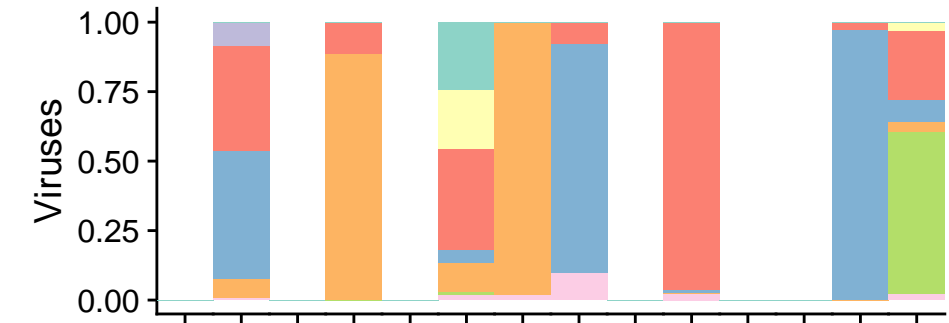
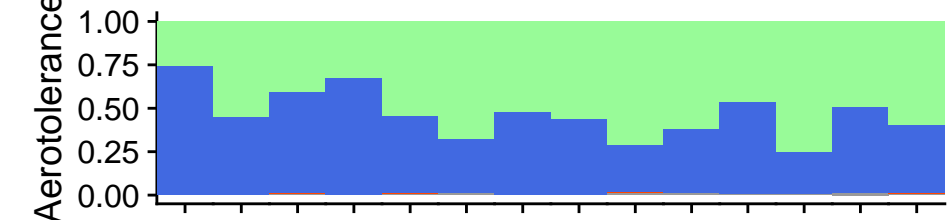
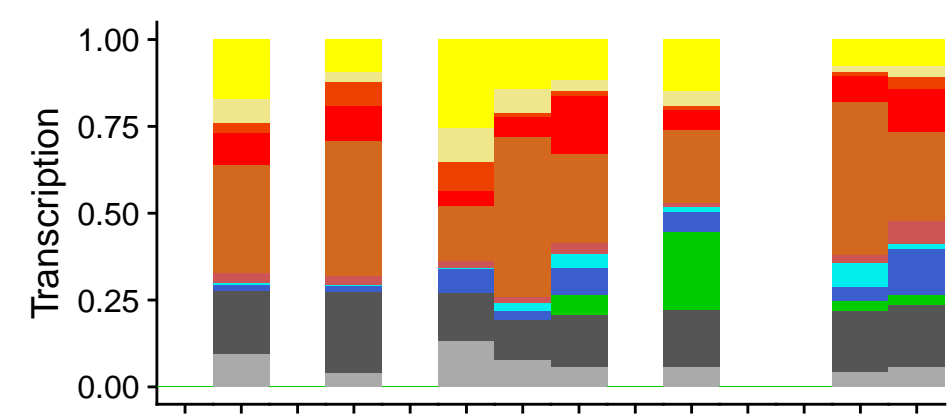
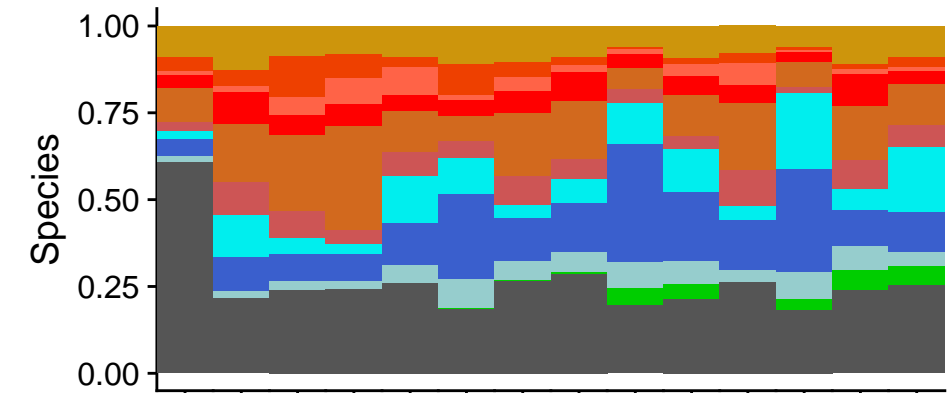
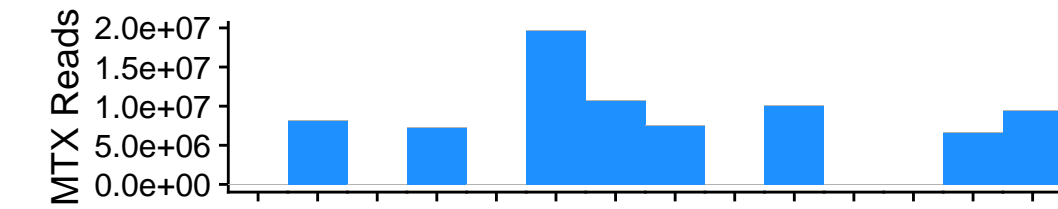
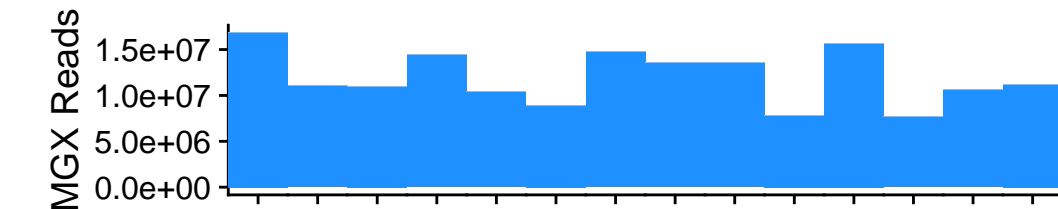
Metabolites



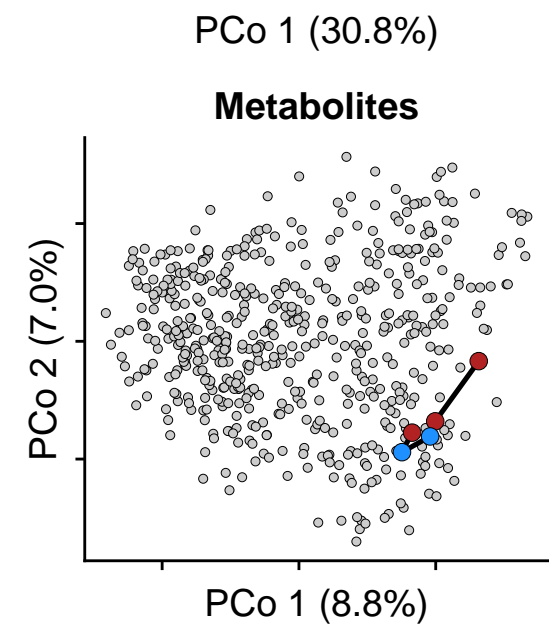
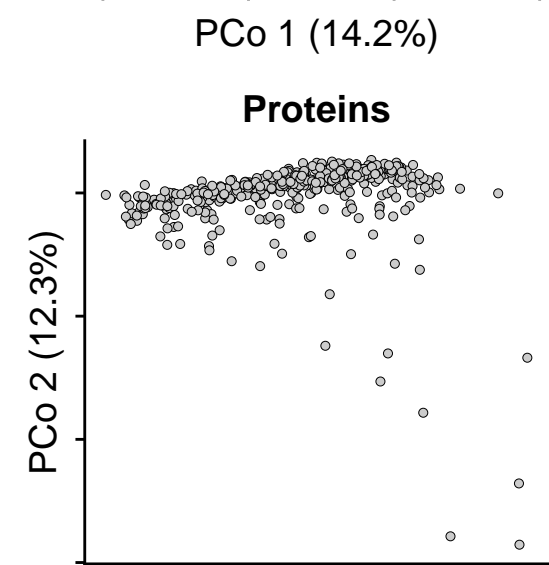
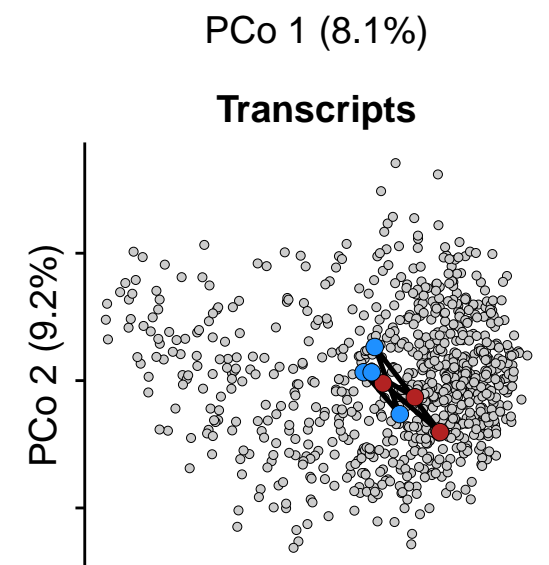
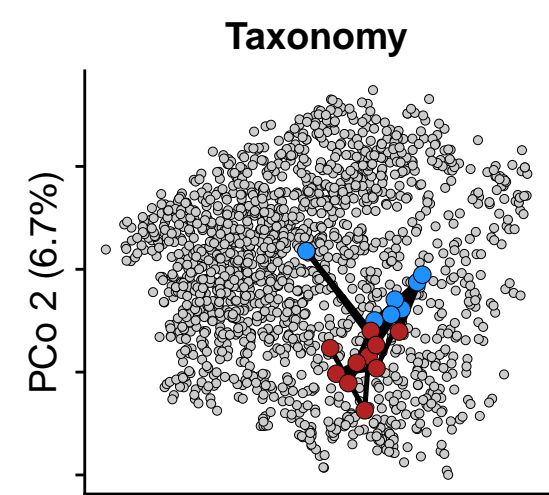
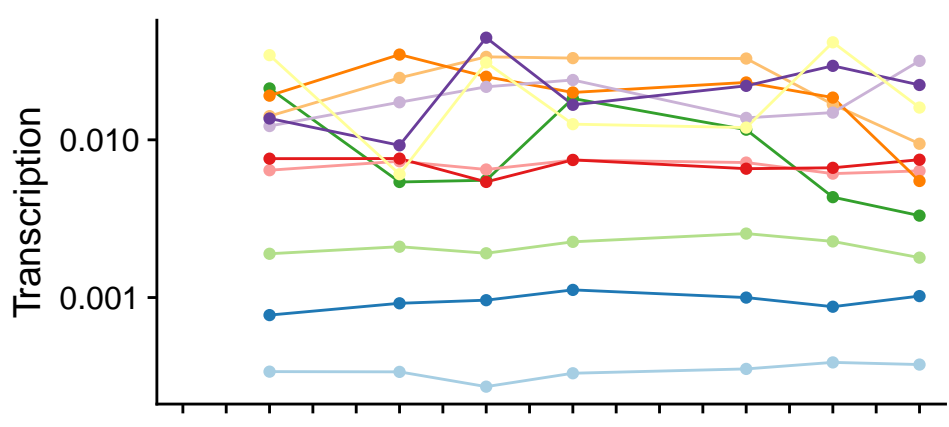
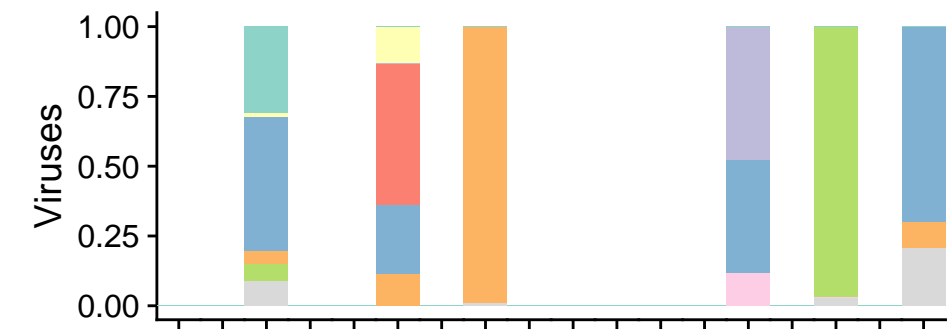
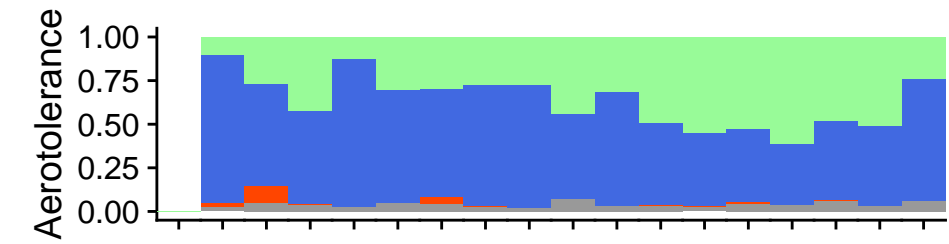
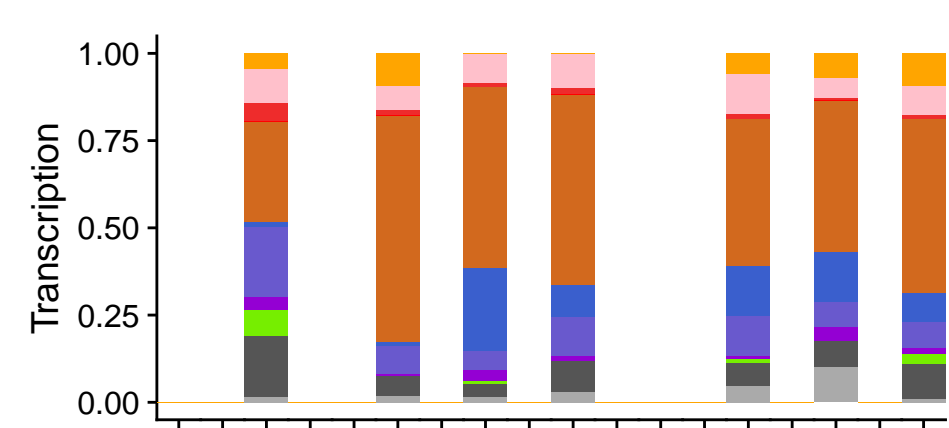
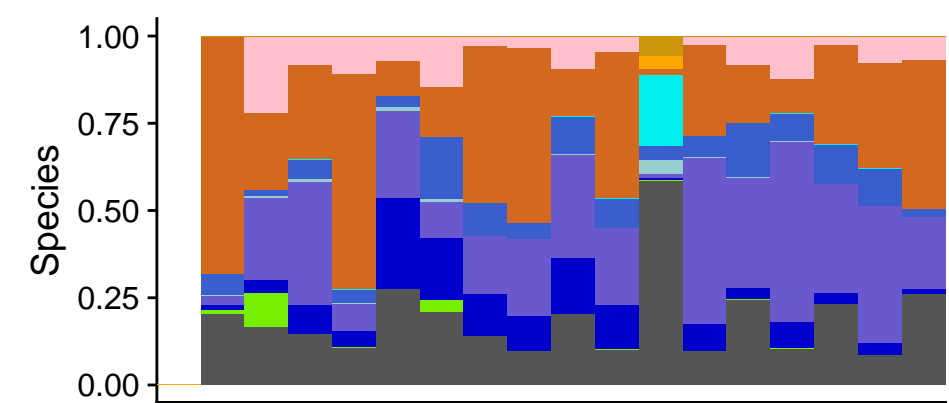
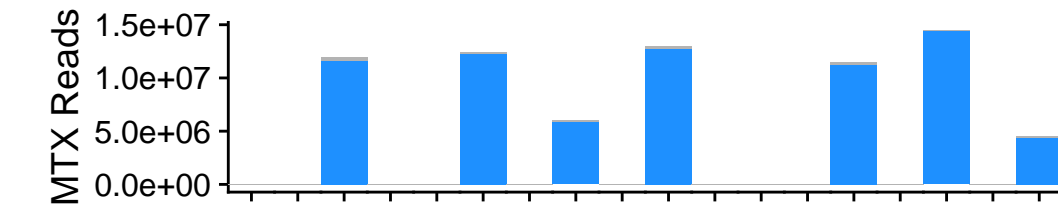
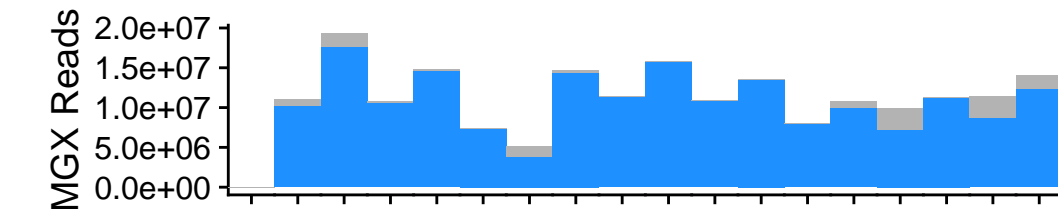
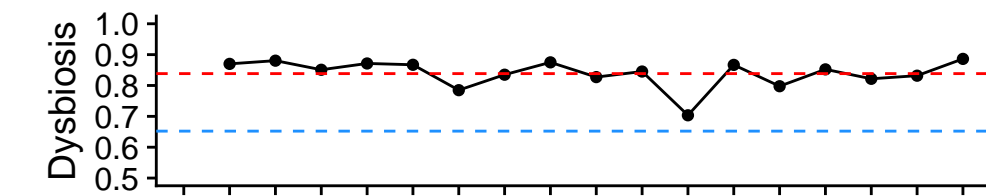
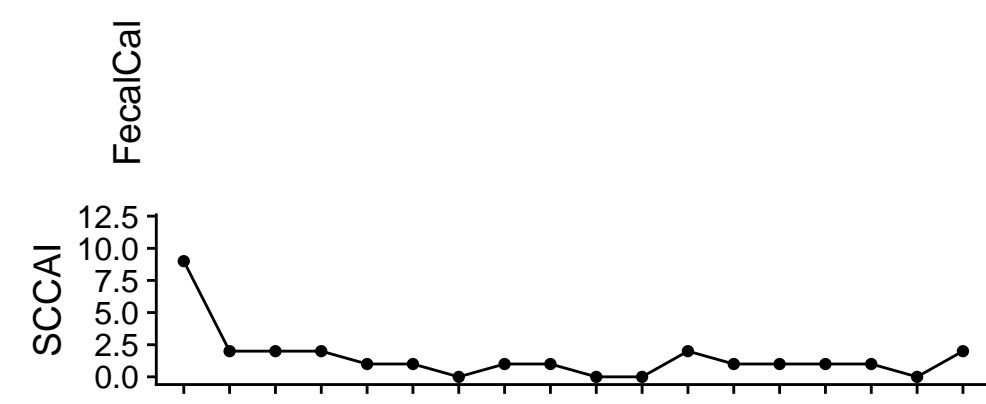
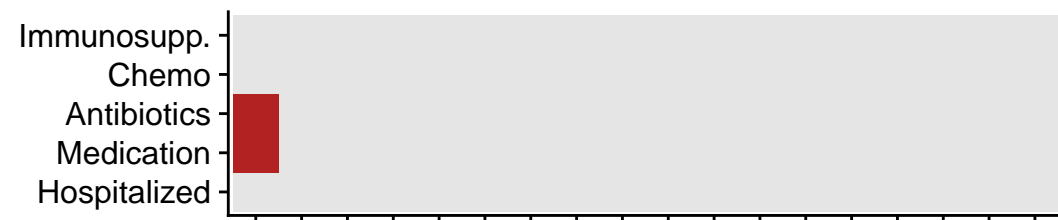
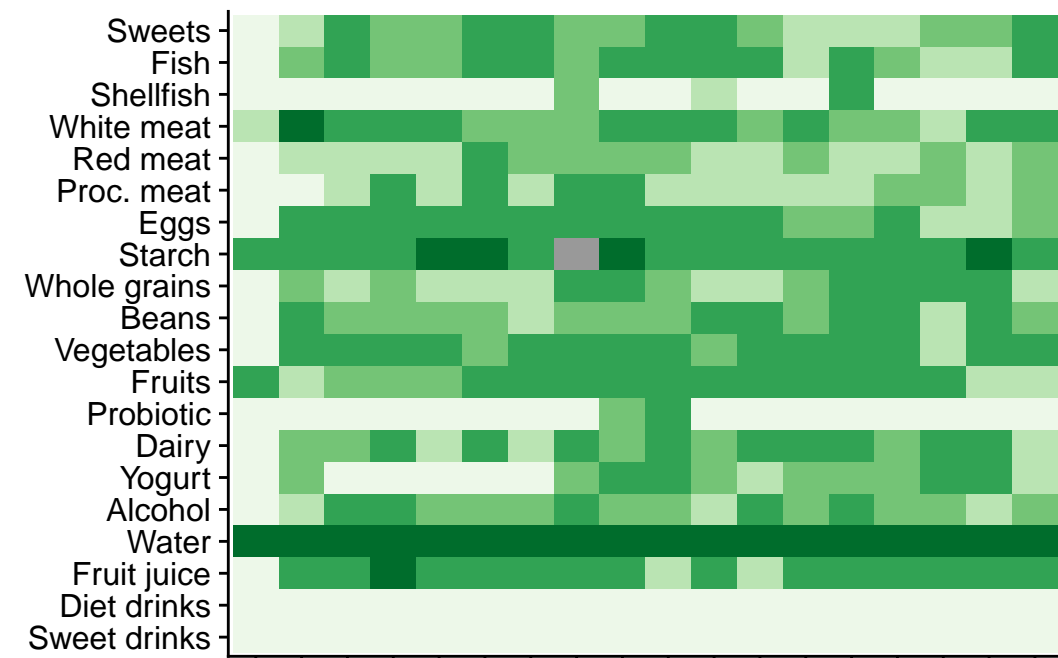
M2079: 29 Male White MGH | nonIBD



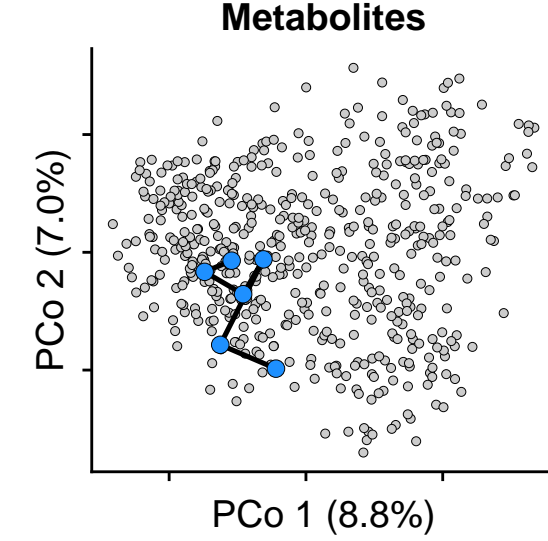
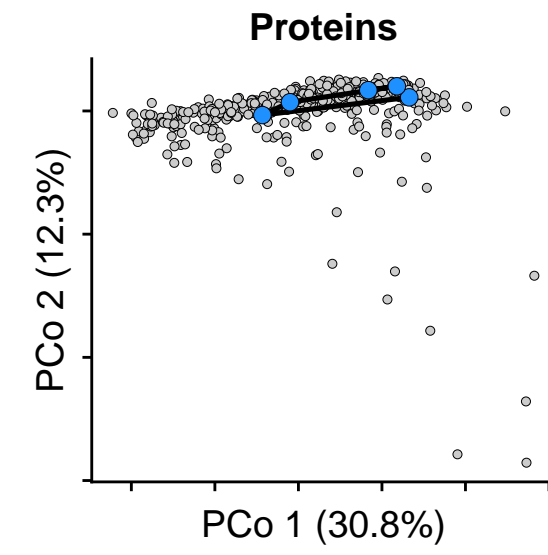
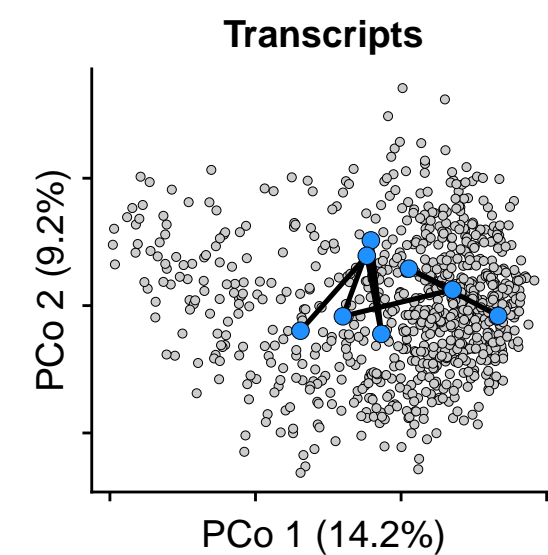
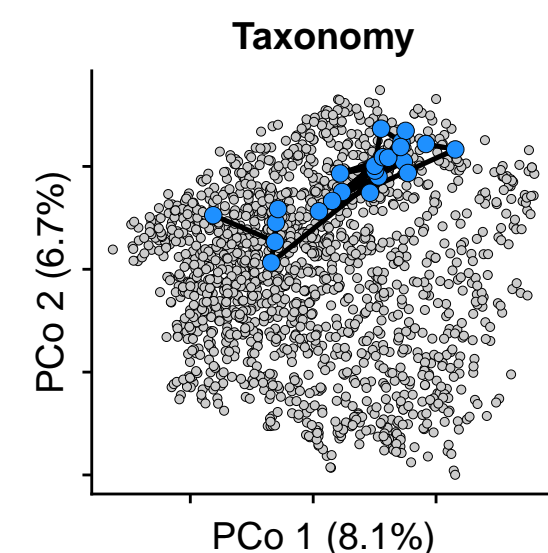
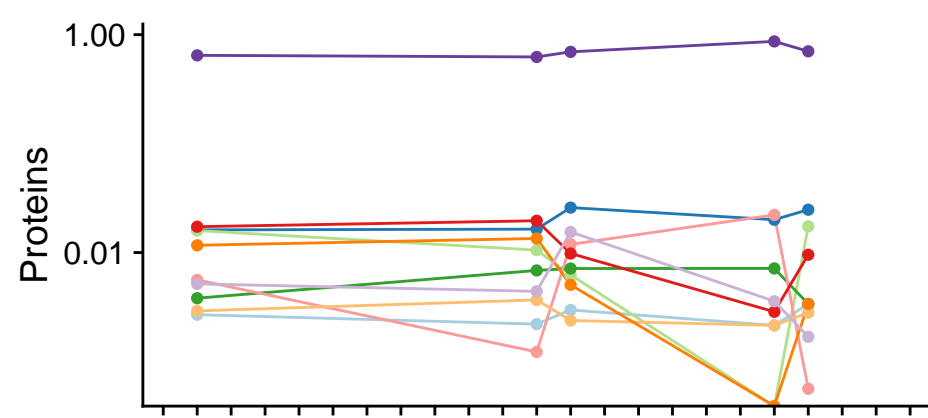
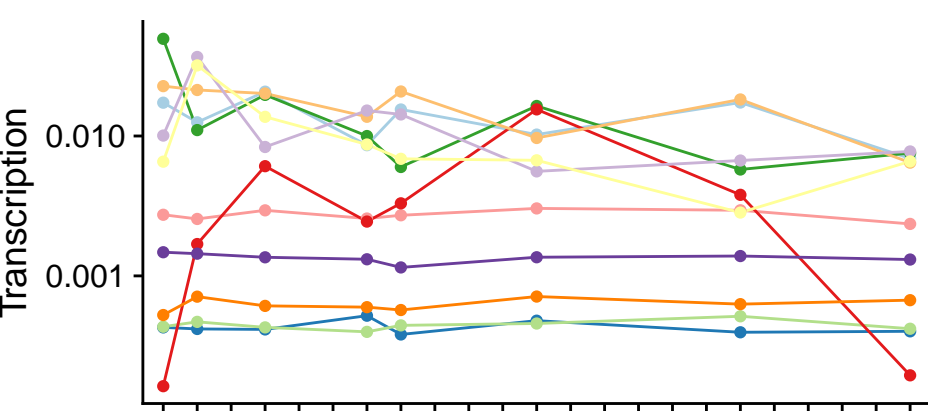
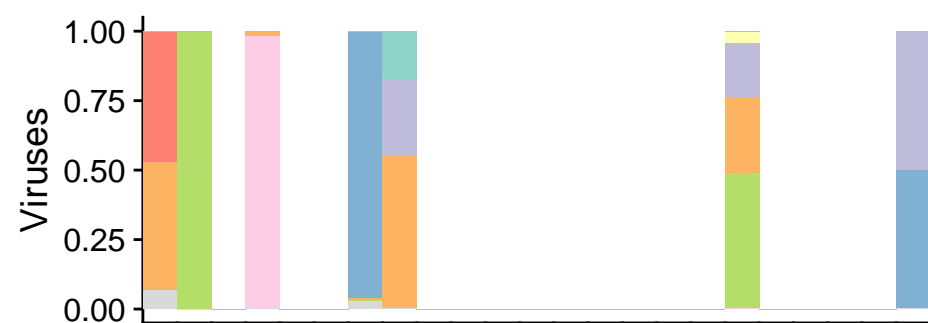
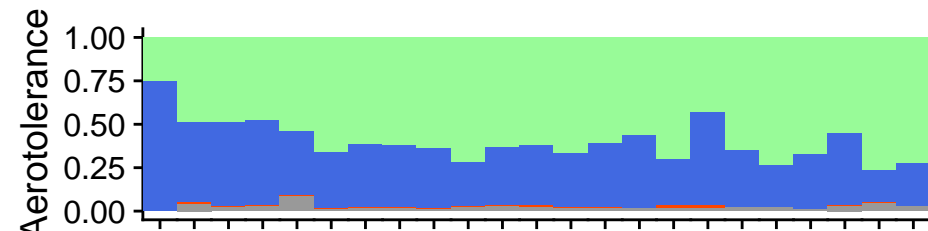
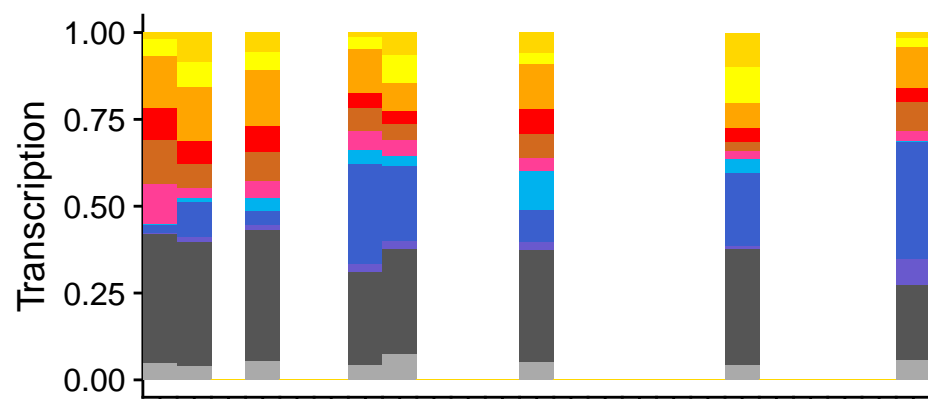
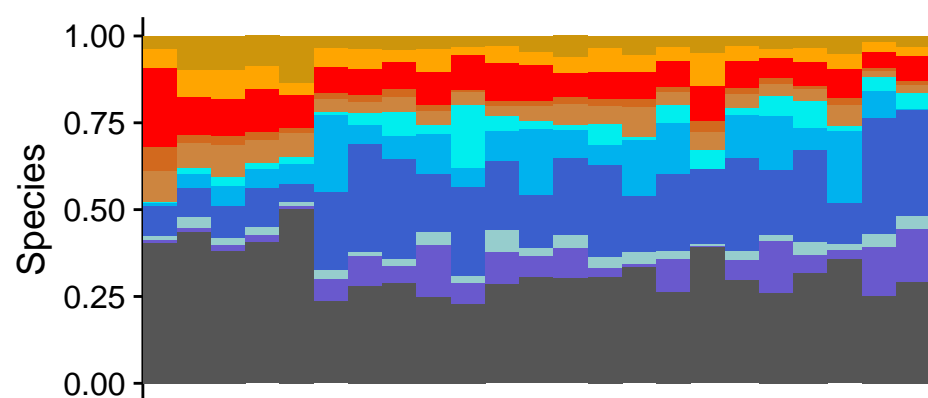
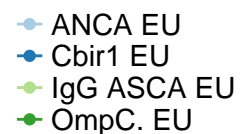
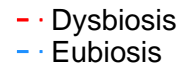
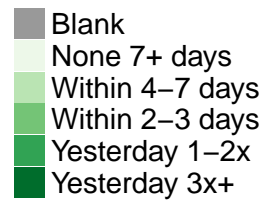
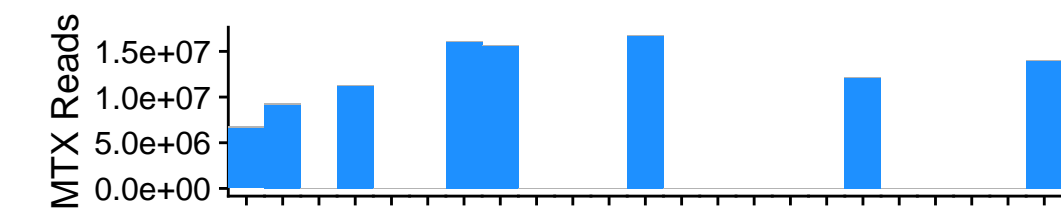
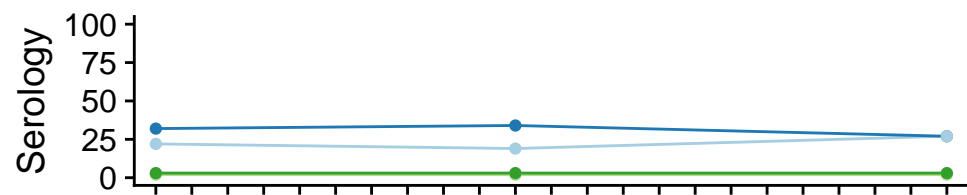
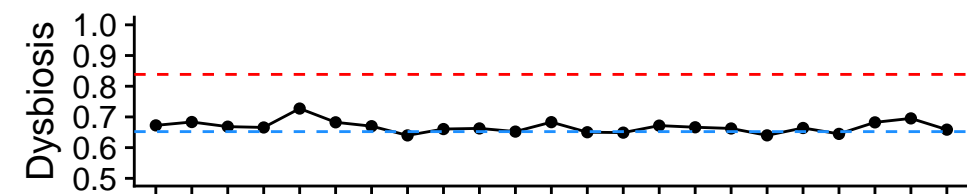
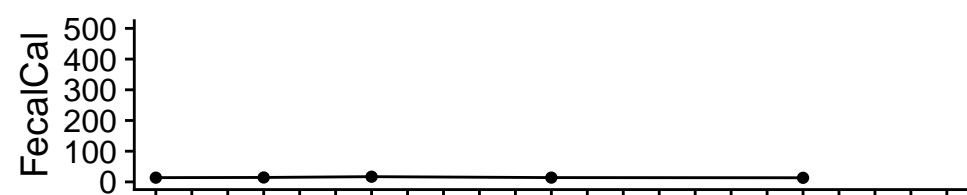
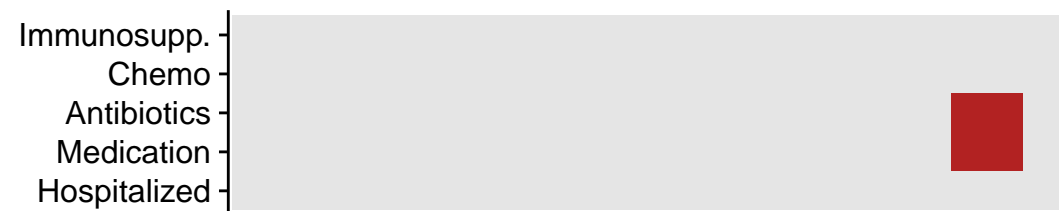
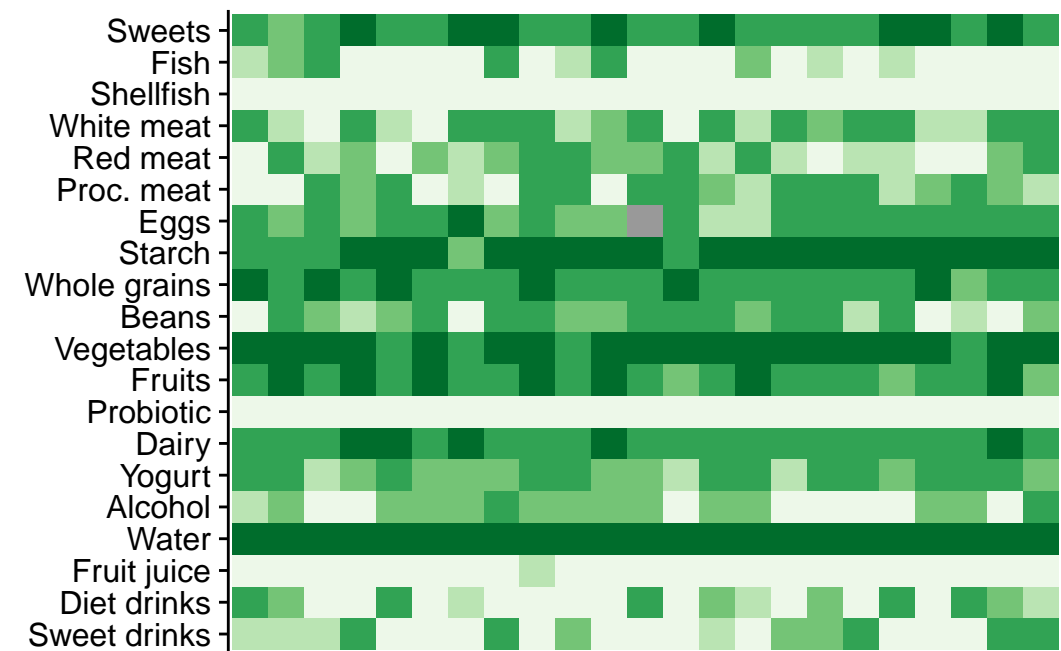
Serology



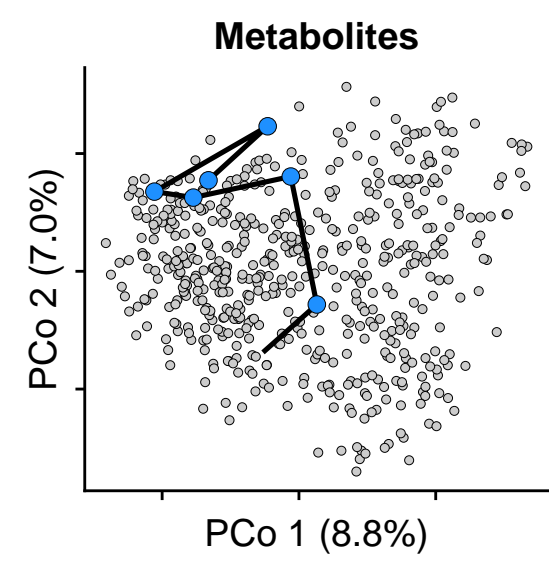
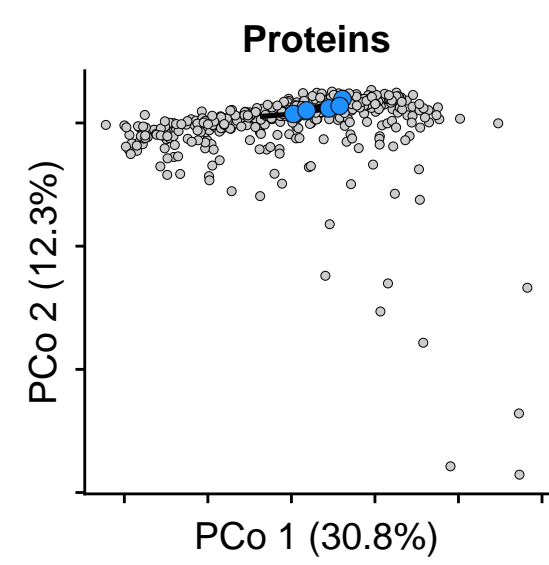
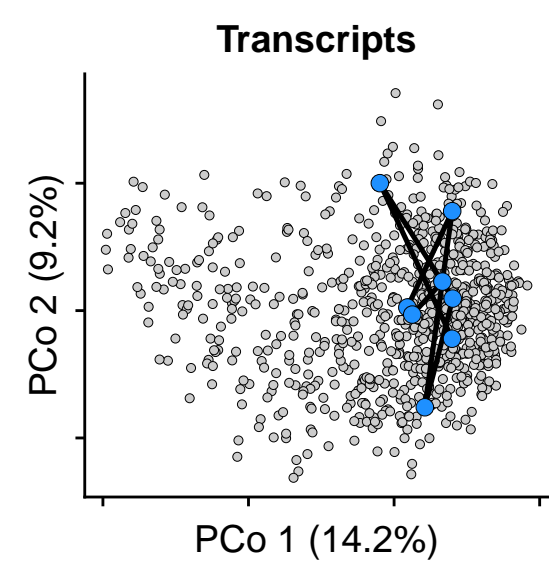
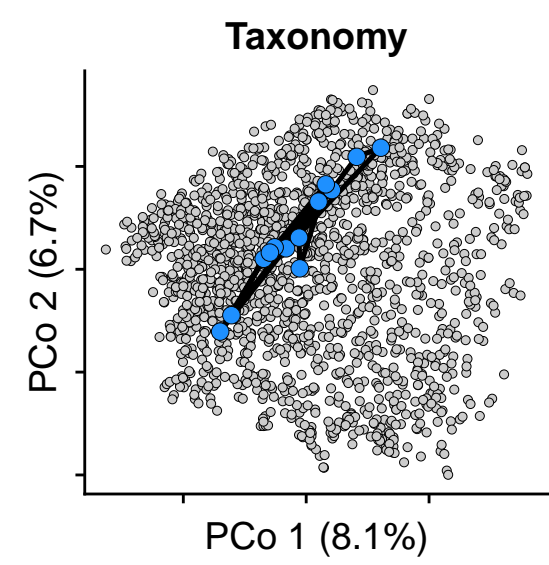
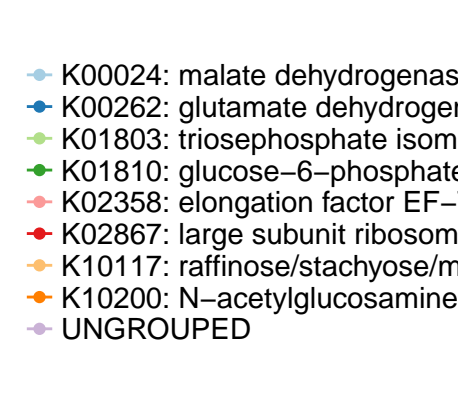
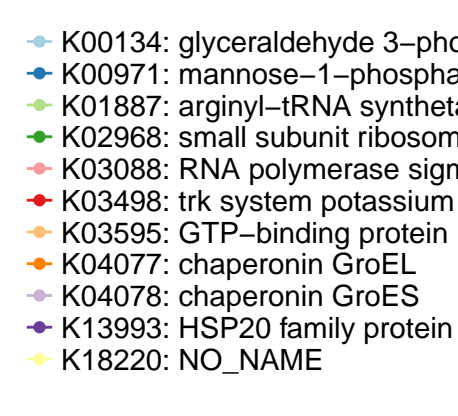
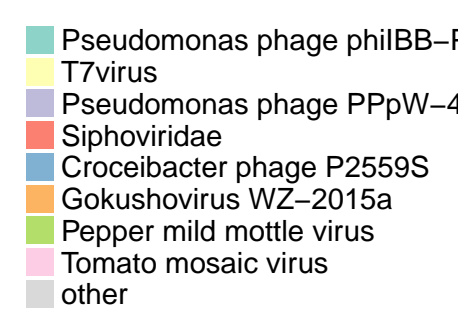
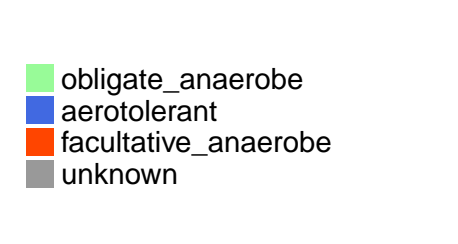
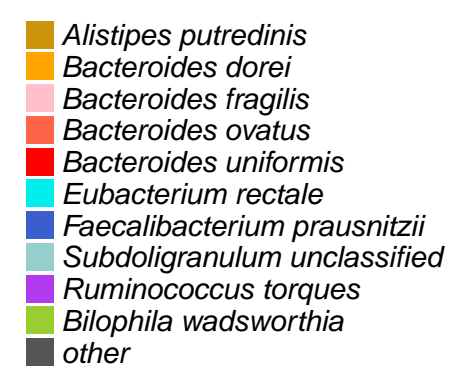
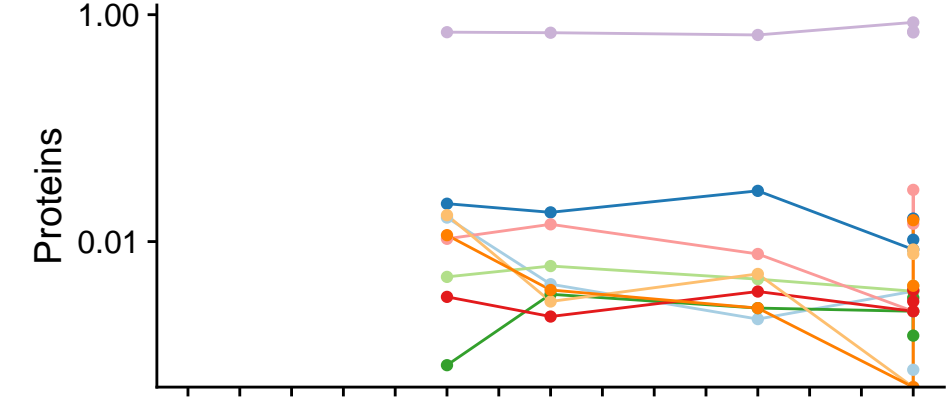
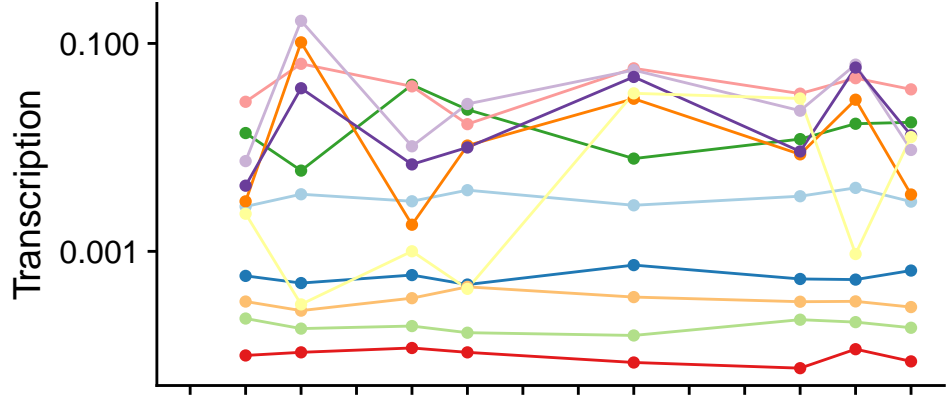
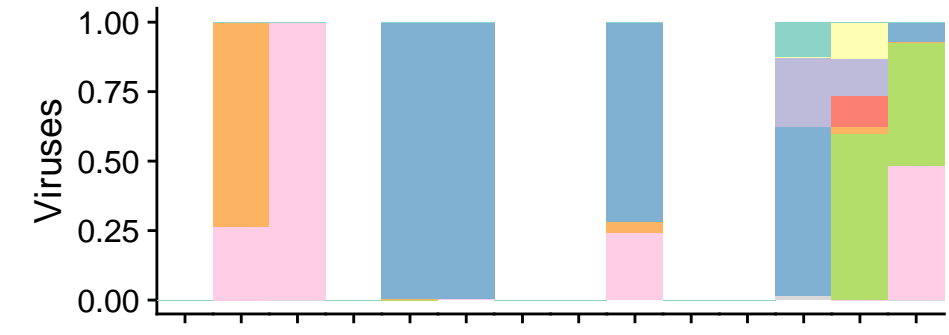
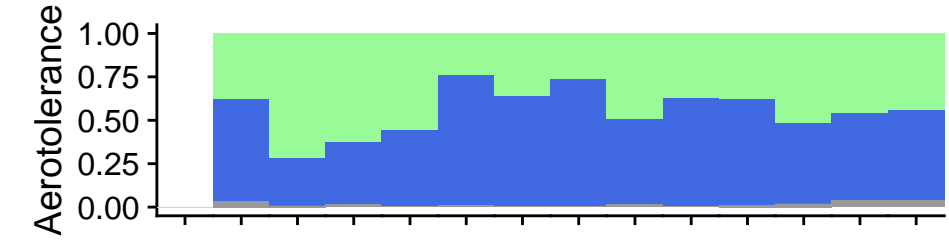
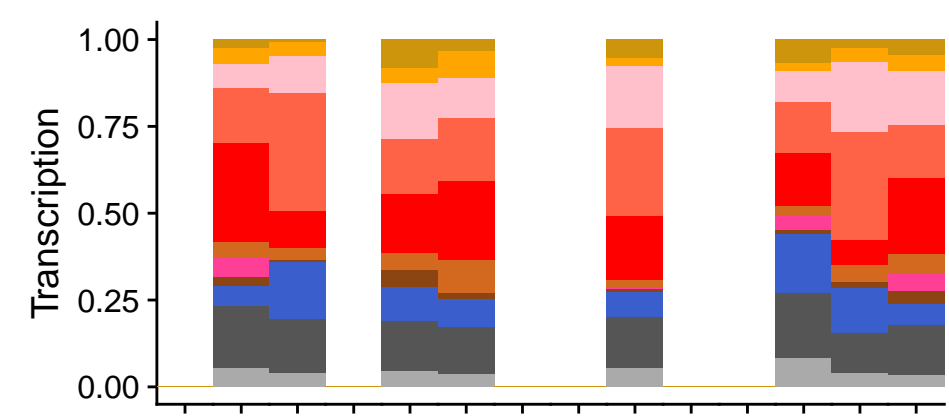
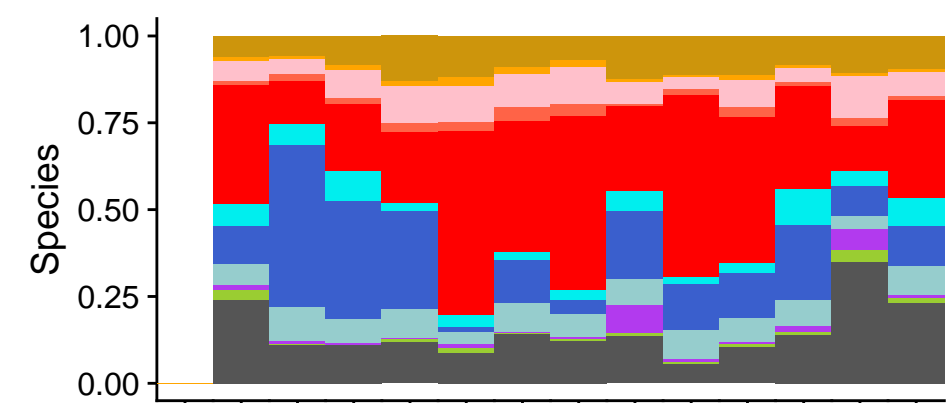
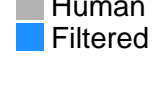
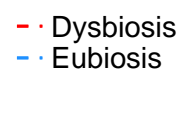
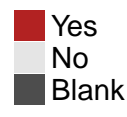
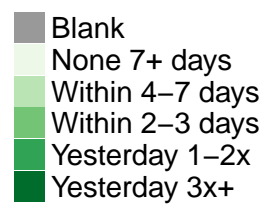
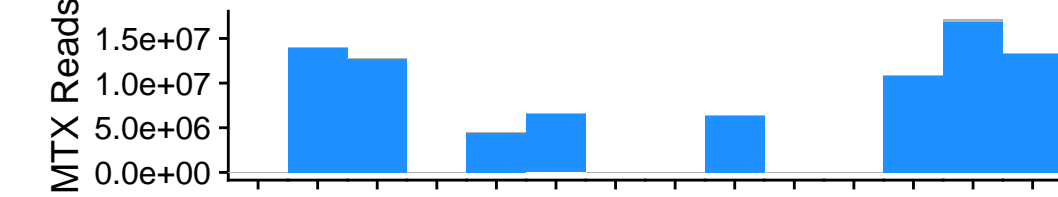
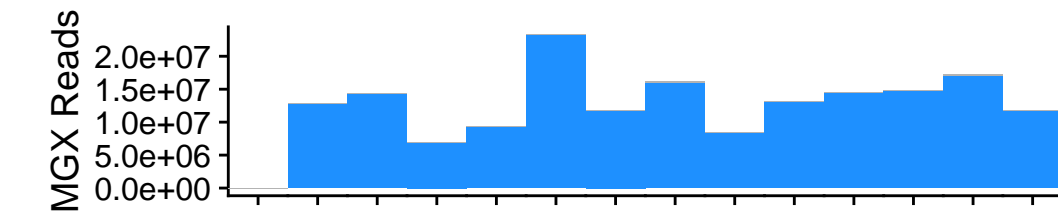
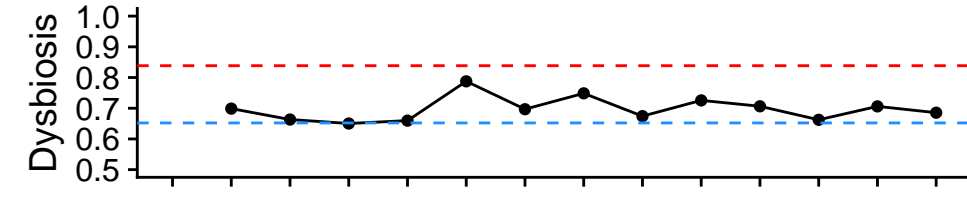
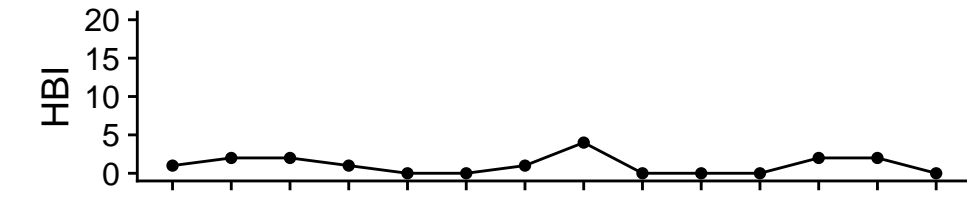
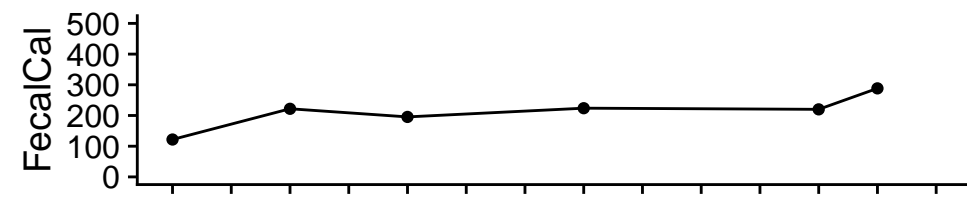
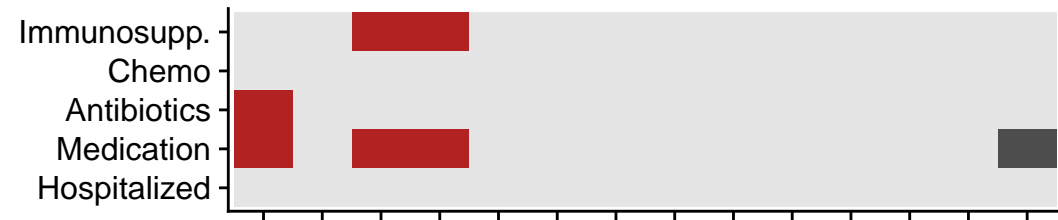
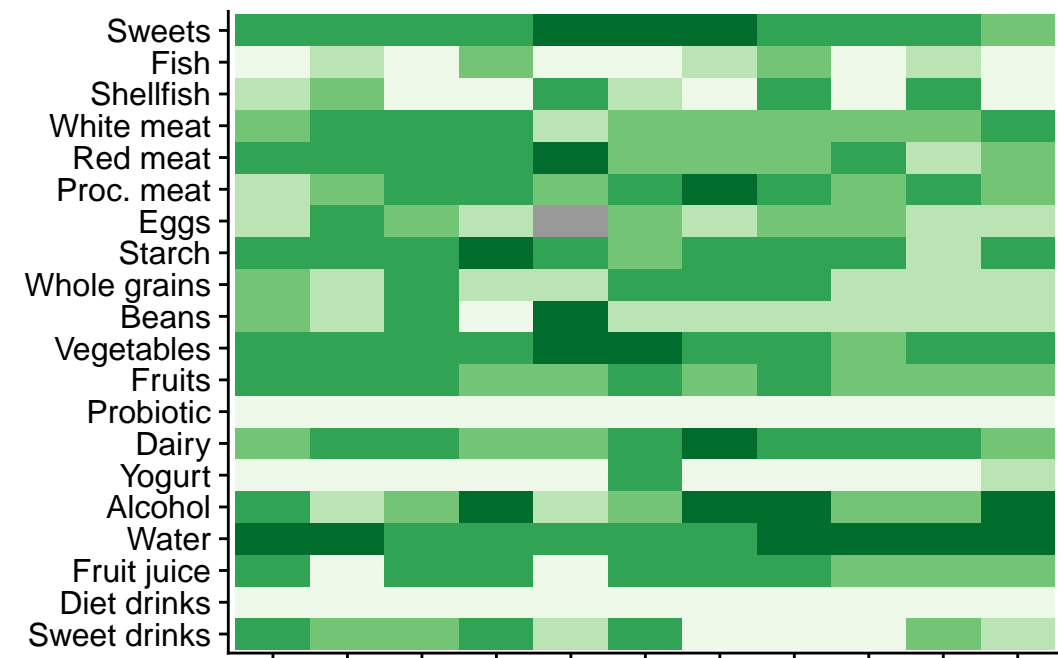
M2083: 25 Male White MGH | UC



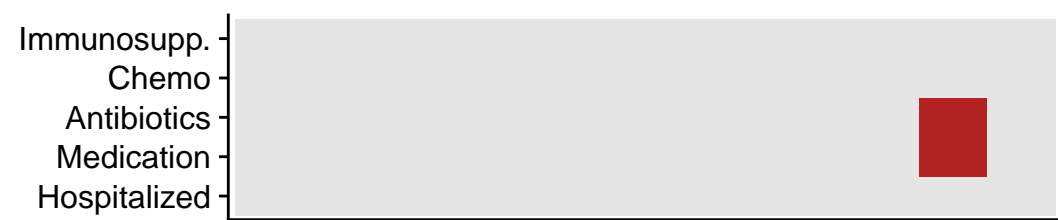
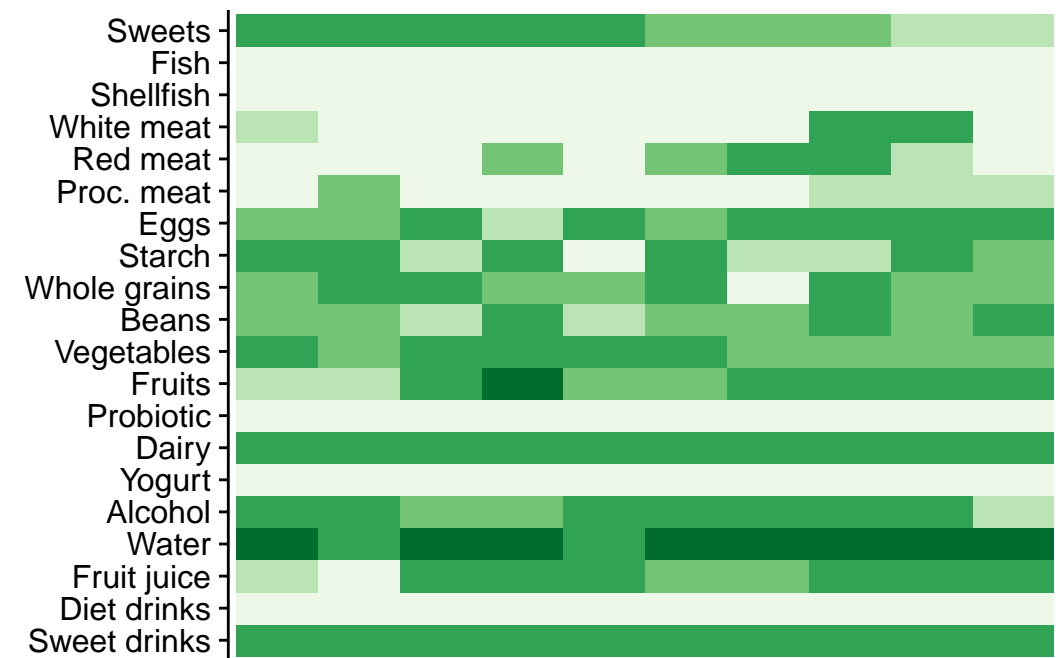
M2084: 23 Female White MGH | nonIBD



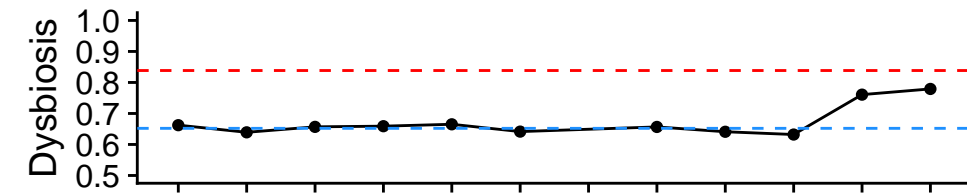
M2085: 23 Male White MGH | CD L1



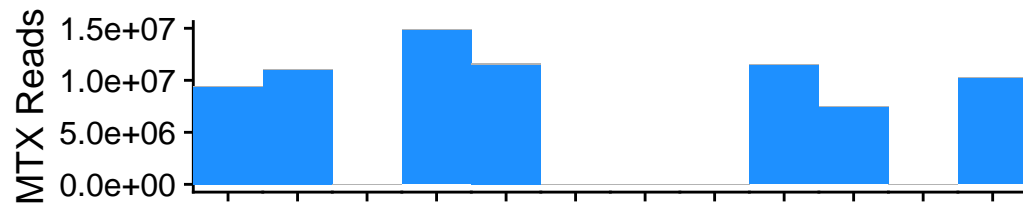
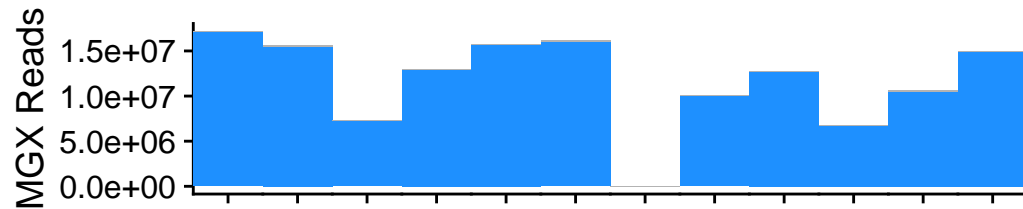
M2097: 21 Male White MGH | nonIBD



FecalCal



Serology



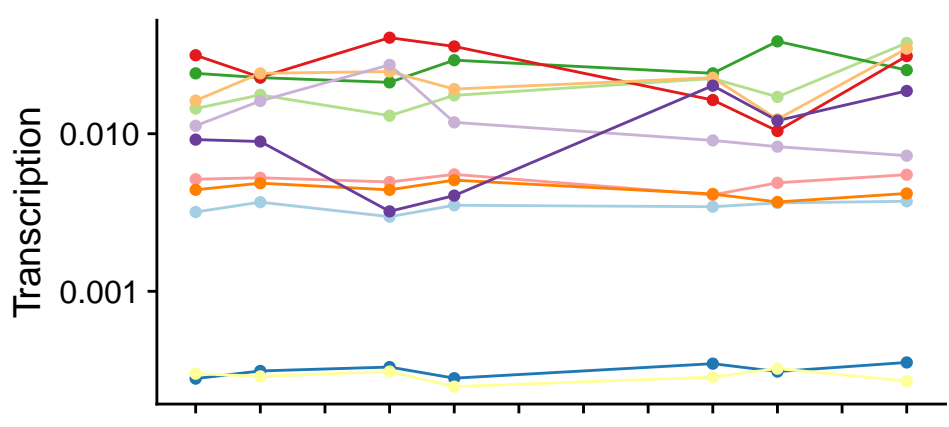
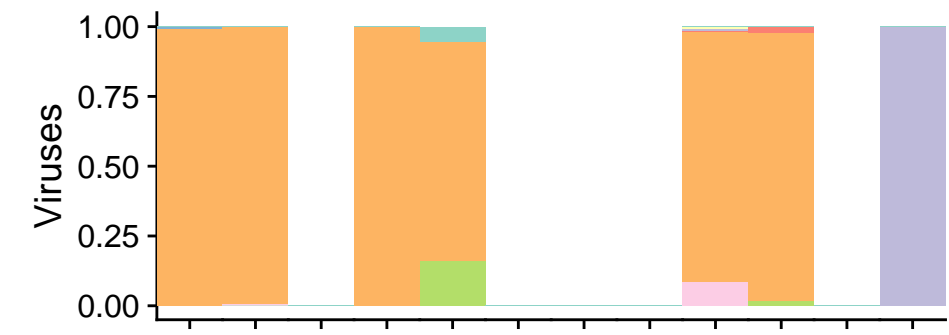
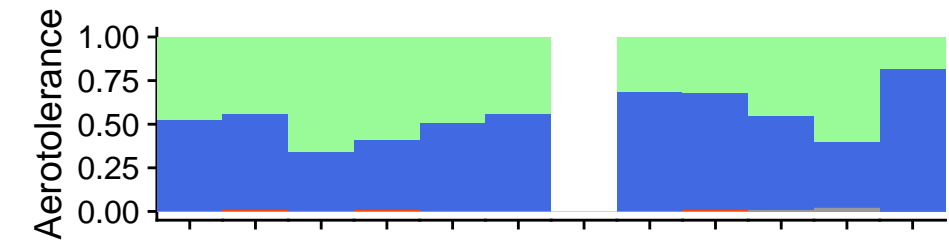
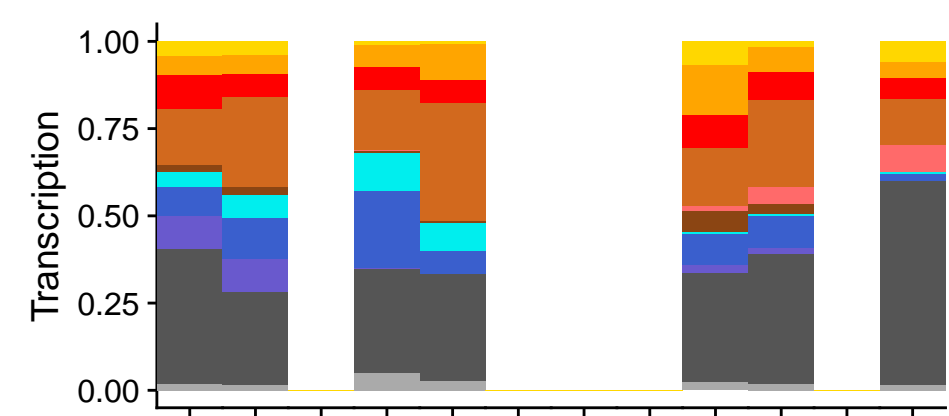
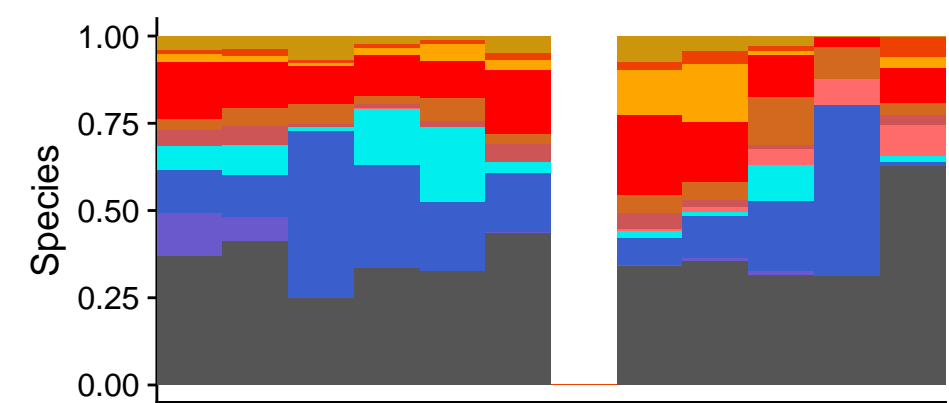
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

Yes
No

Dysbiosis
Eubiosis

Human
Filtered

Human
Filtered



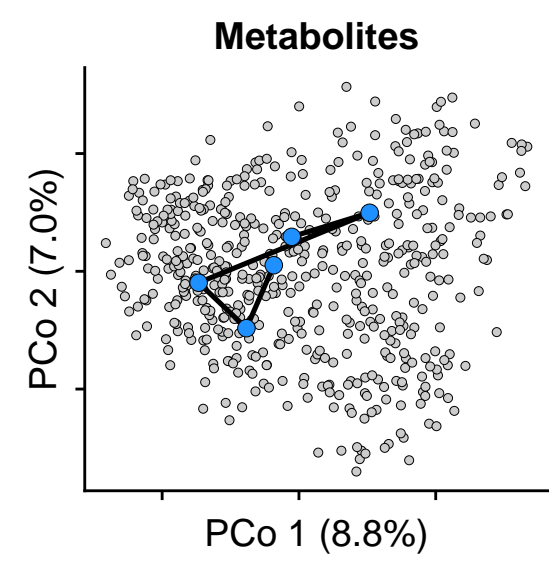
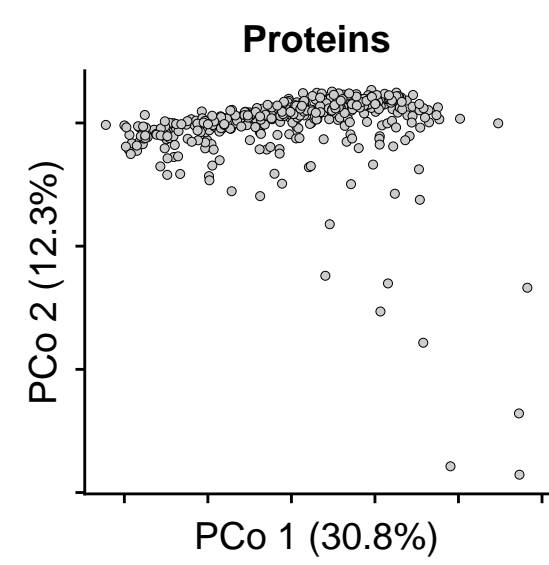
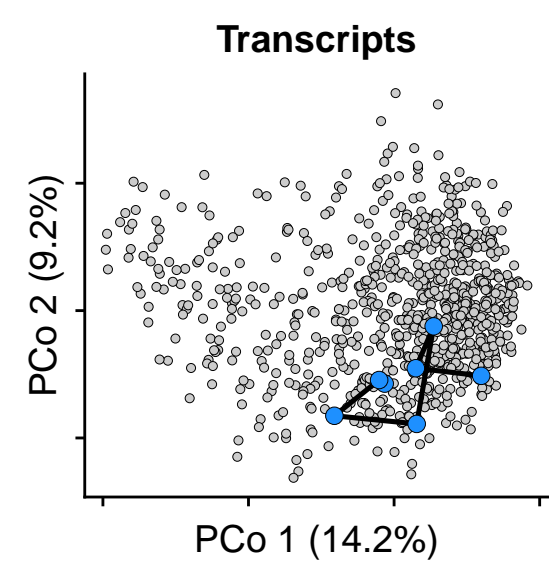
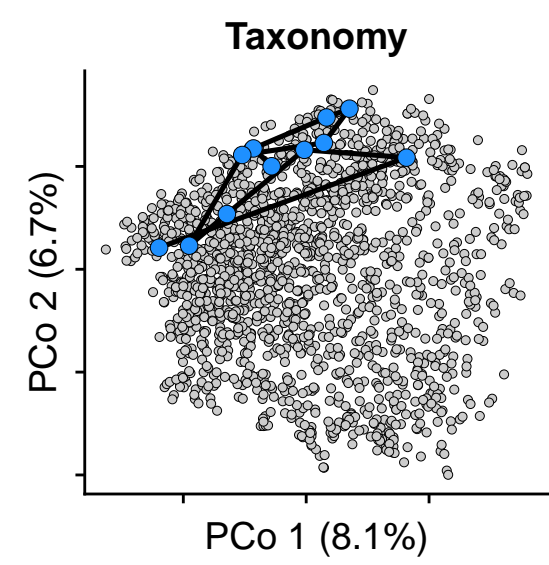
Alistipes putredinis
Bacteroides caccae
Bacteroides dorei
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Parabacteroides distasonis
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
other

Alistipes onderdonkii
Bacteroides dorei
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Odoribacter splanchnicus
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
other
unclassified

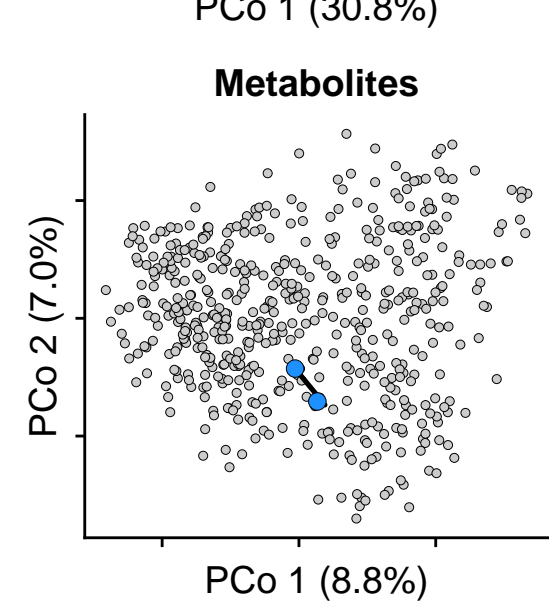
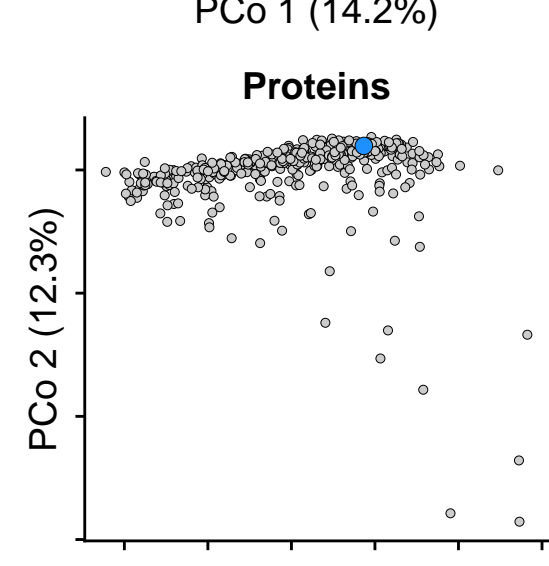
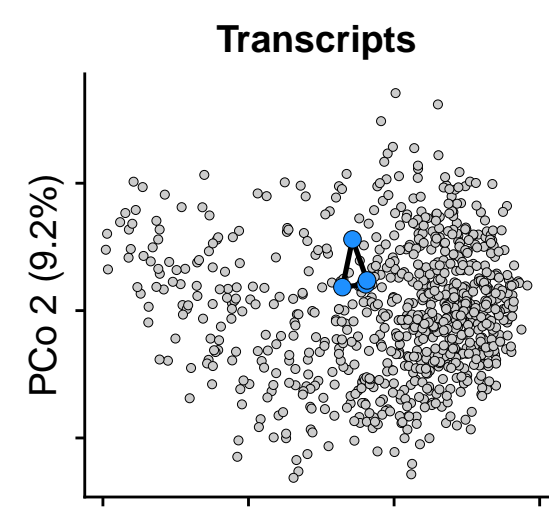
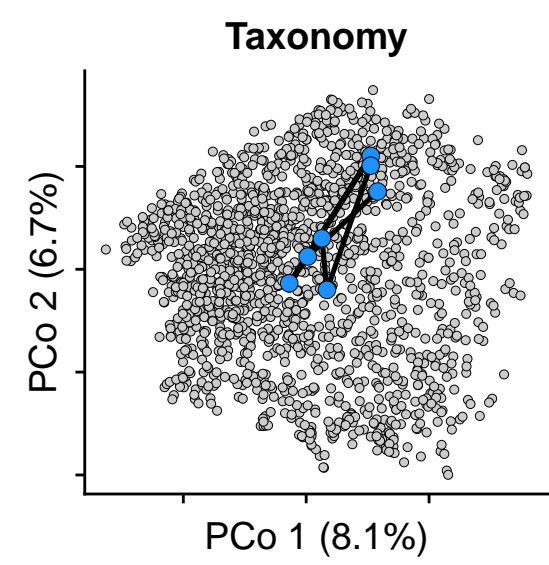
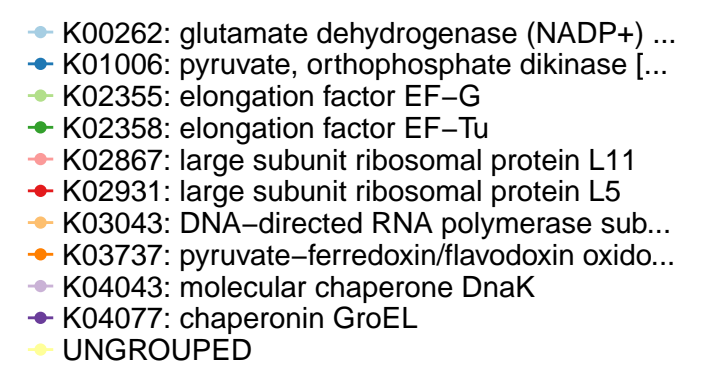
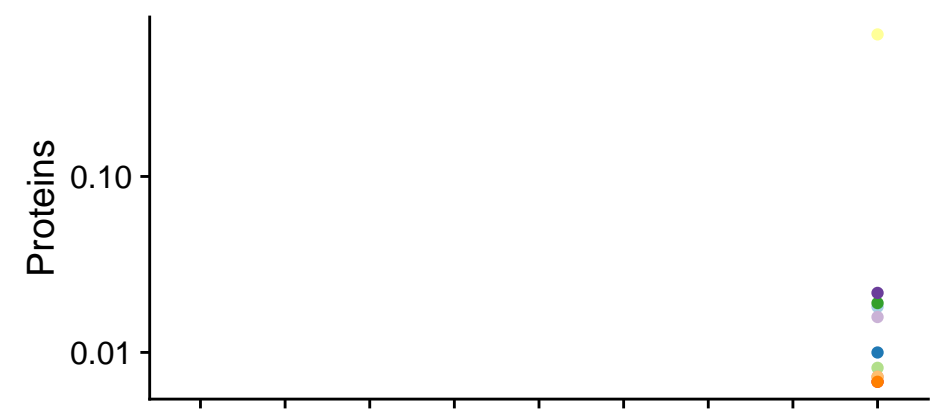
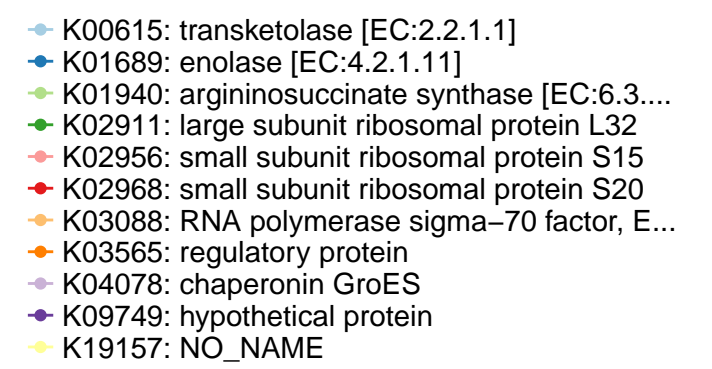
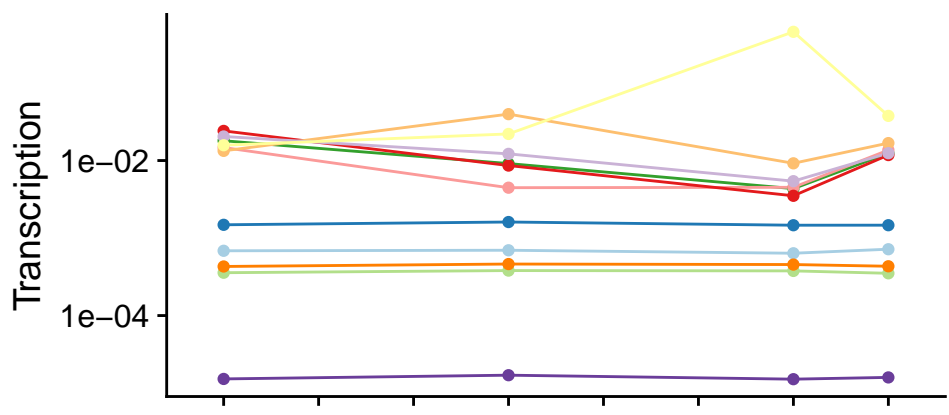
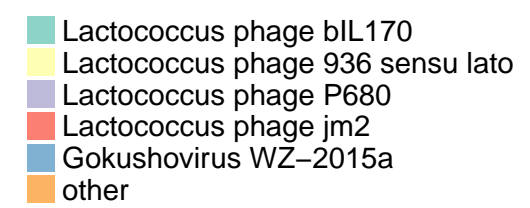
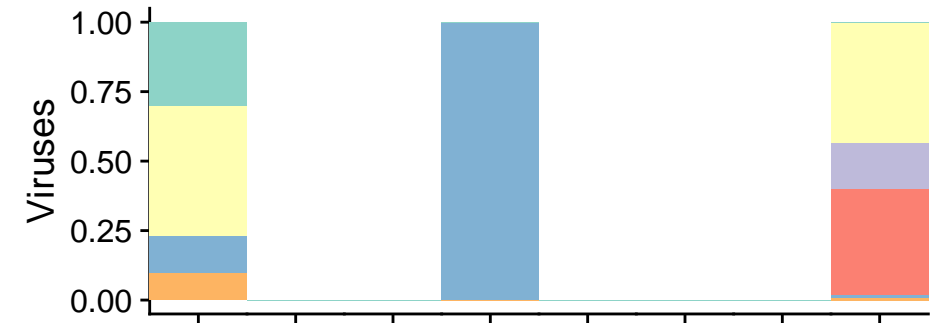
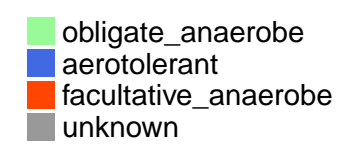
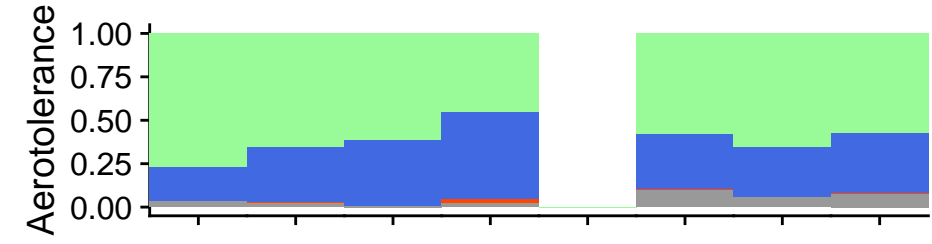
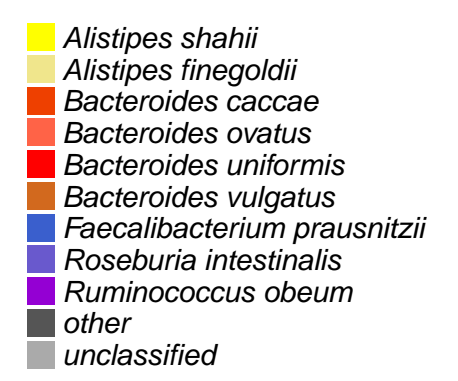
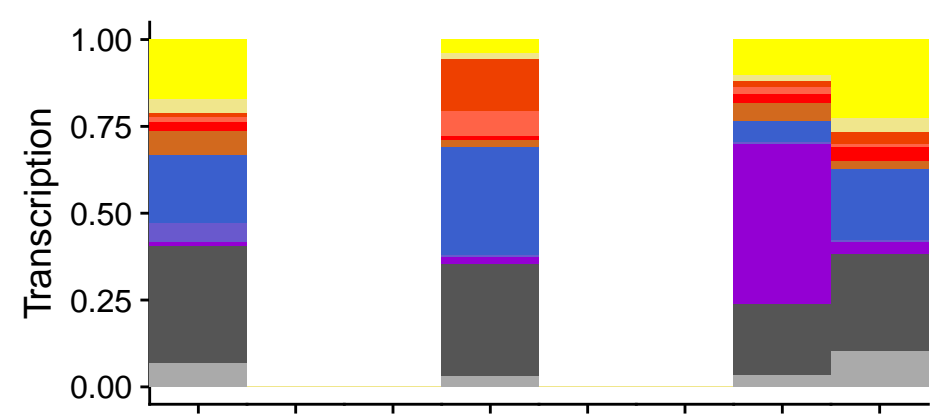
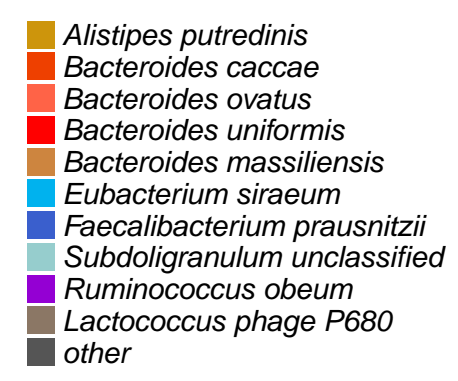
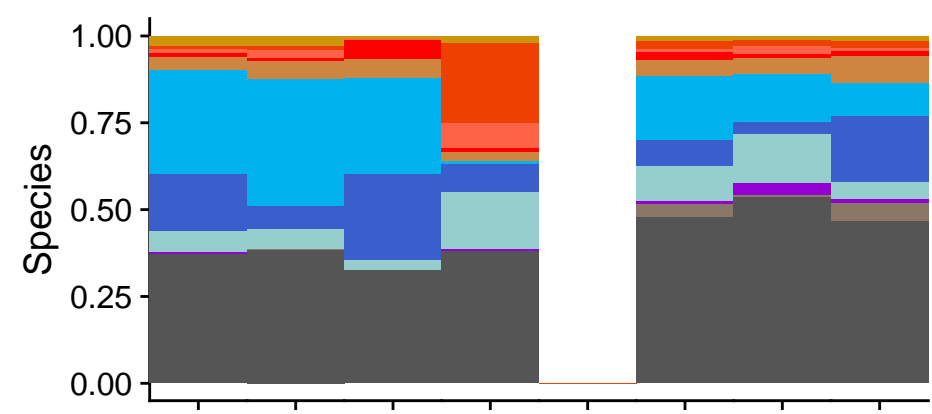
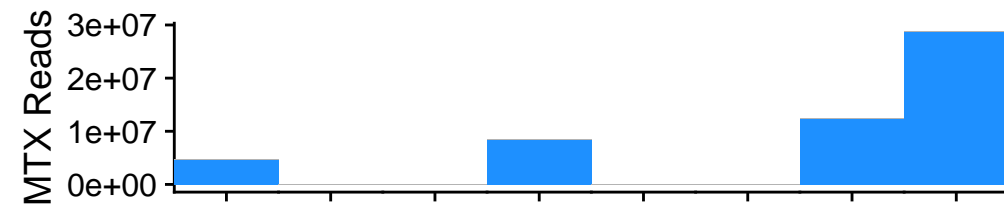
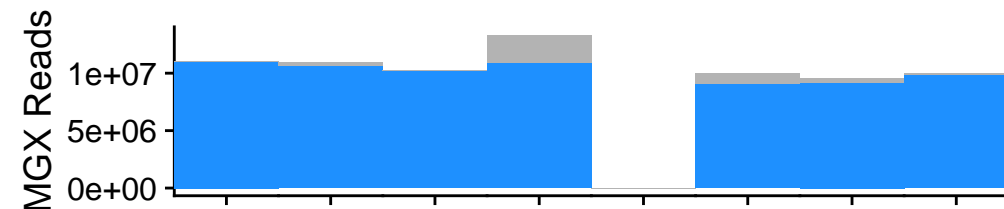
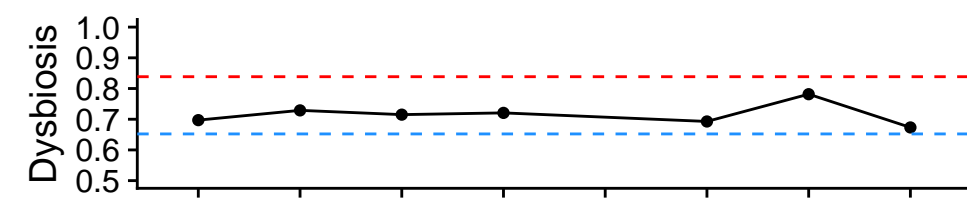
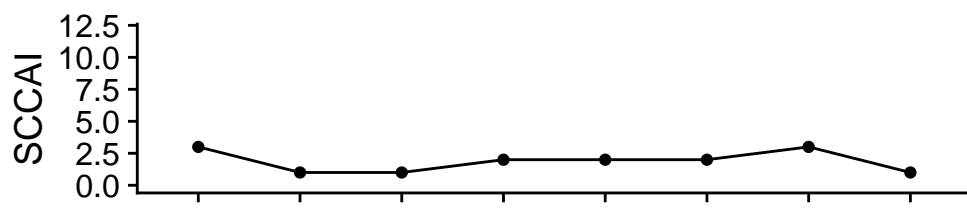
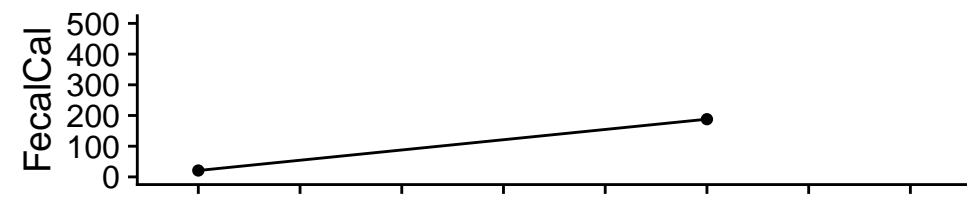
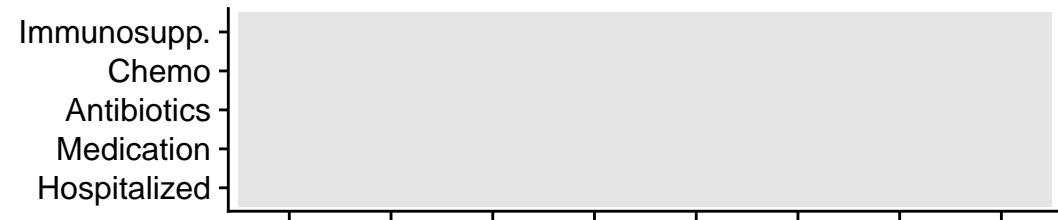
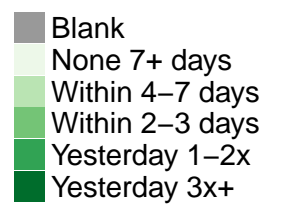
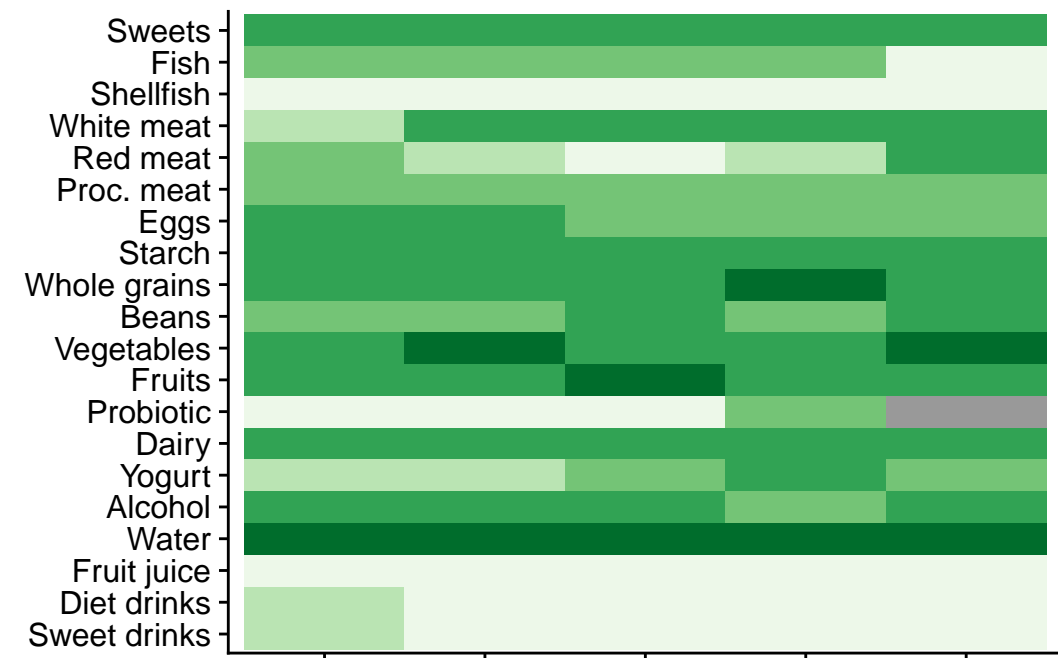
obligate anaerobe
aerotolerant
facultative anaerobe
unknown

Pseudomonas phage phi15
Pseudomonas phage phi1BB-PF7A
T7virus
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Pepper mild mottle virus
Apple stem pitting virus
other

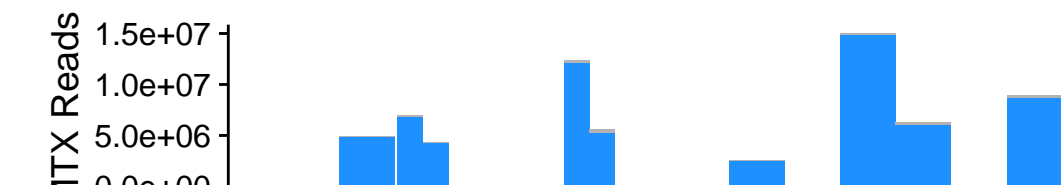
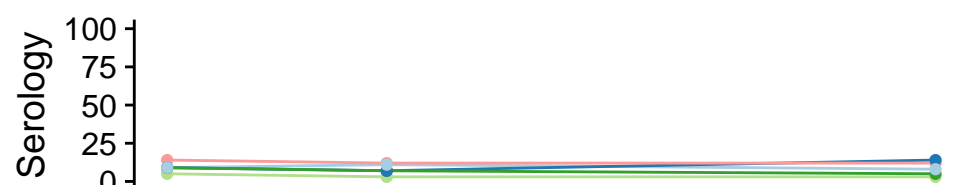
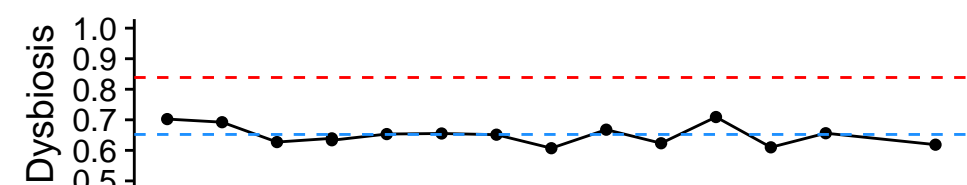
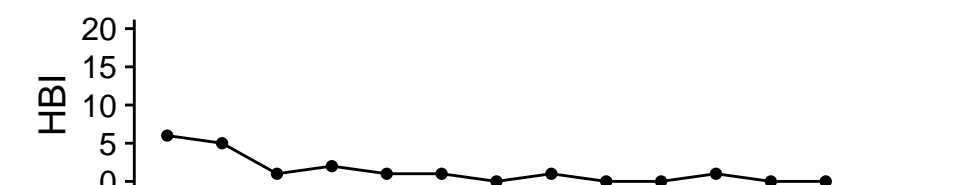
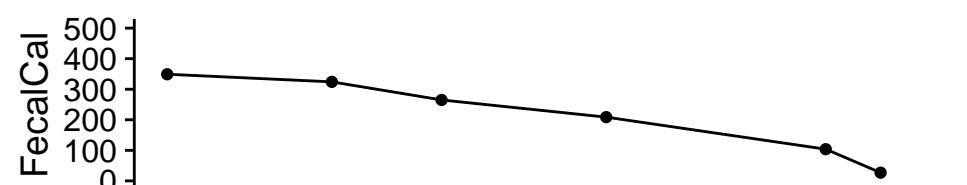
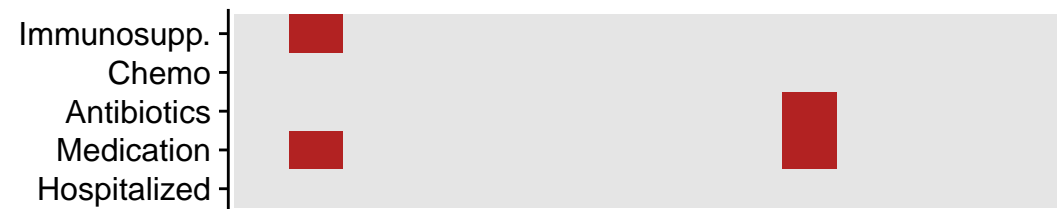
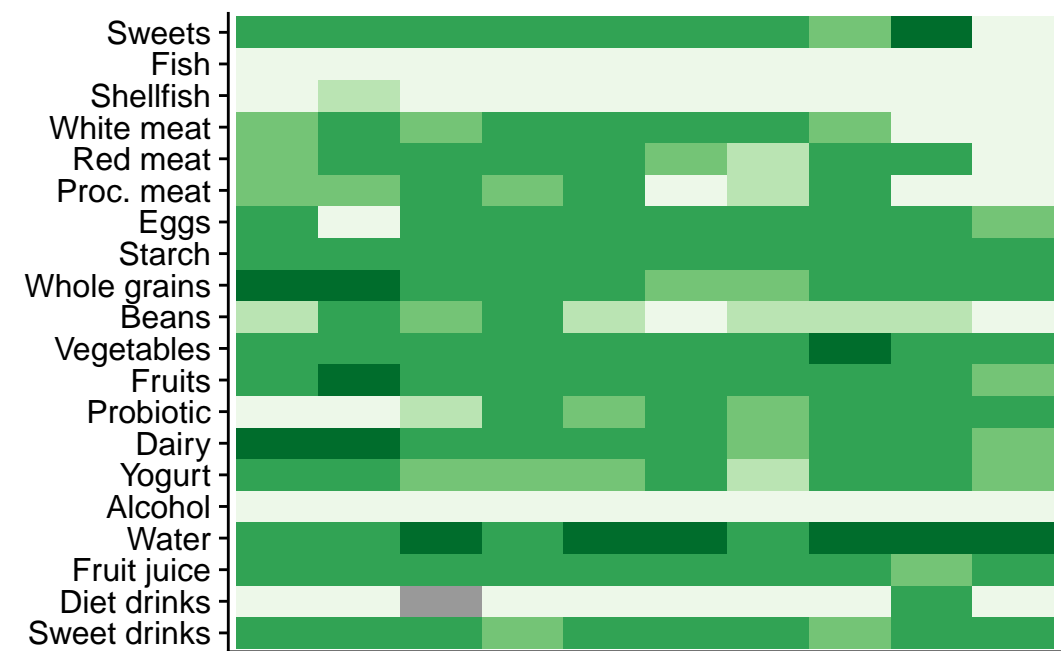
K00850: 6-phosphofructokinase 1 [EC:2.7.1....
K01755: argininosuccinate lyase [EC:4.3.2.1]
K02078: acyl carrier protein
K02358: elongation factor EF-Tu
K02906: large subunit ribosomal protein L3
K02911: large subunit ribosomal protein L32
K02914: large subunit ribosomal protein L34
K02926: large subunit ribosomal protein L4
K02970: small subunit ribosomal protein S21
K03088: RNA polymerase sigma-70 factor, E...
K11755: phosphoribosyl-ATP pyrophosphoh...



M2103: 35 Female White MGH | UC



P6005: 11 Male White MGH Pediatrics | CD L3+L4



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

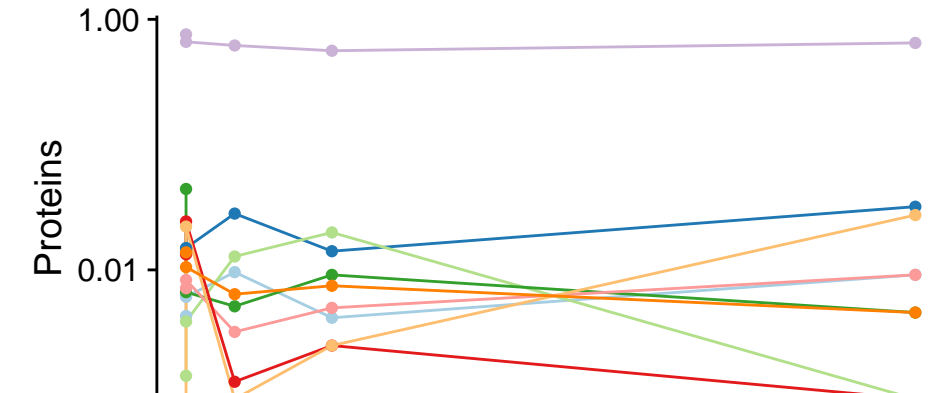
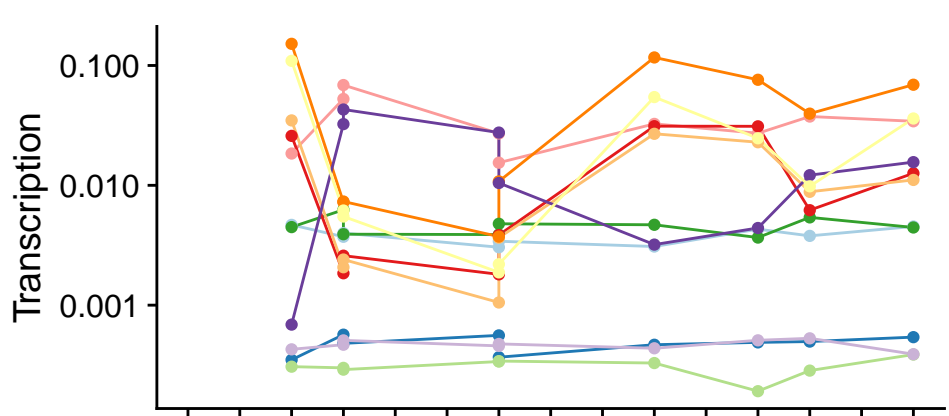
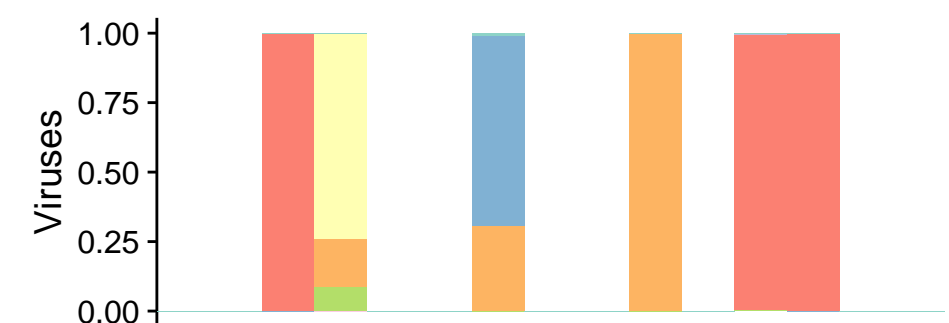
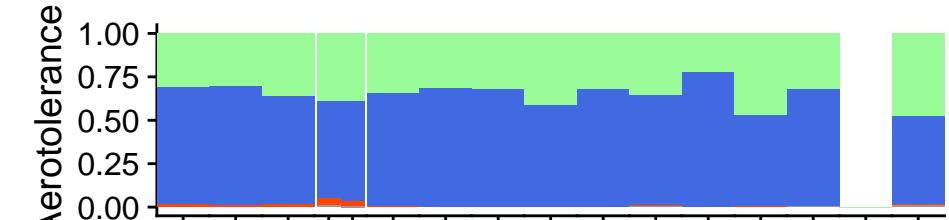
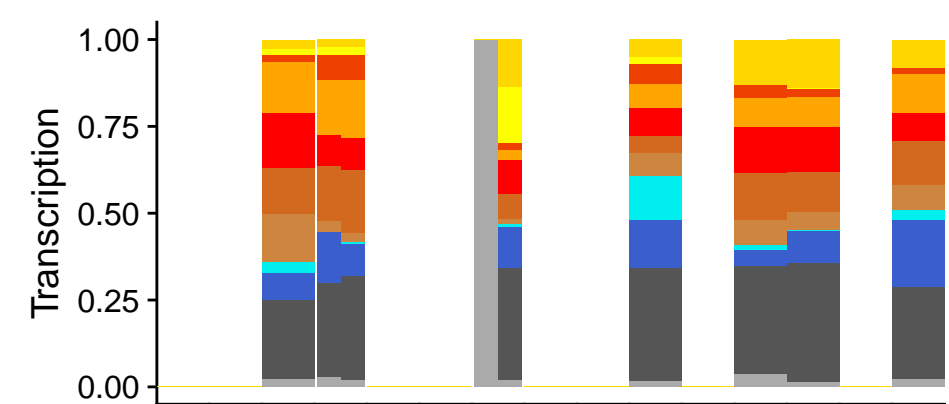
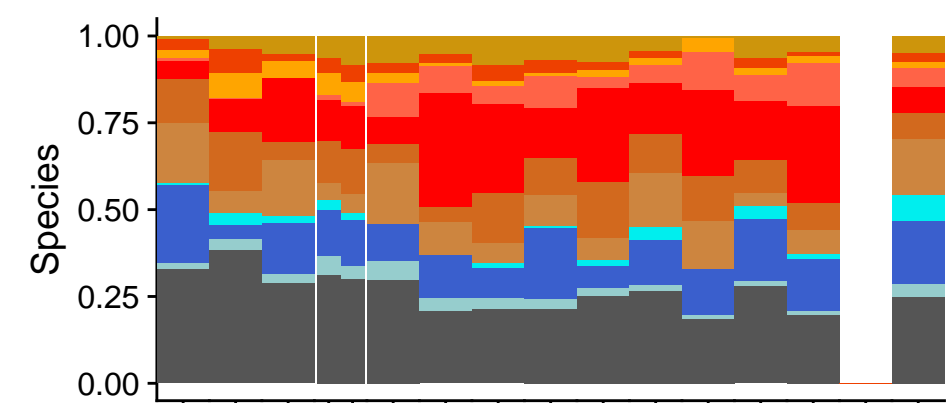
Yes
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Alistipes putredinis
Bacteroides caccae
Bacteroides dorei
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
other

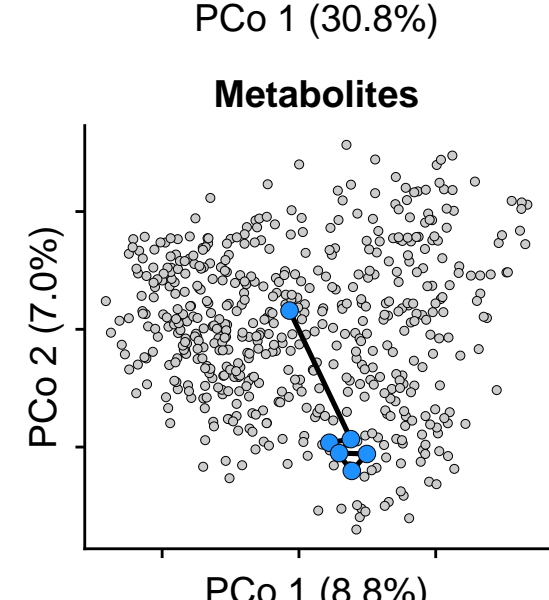
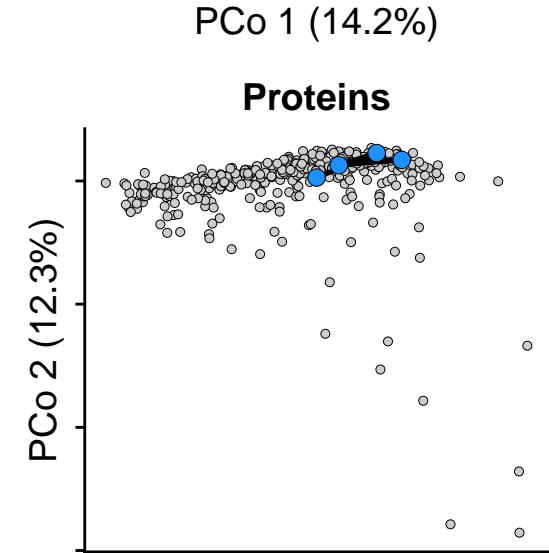
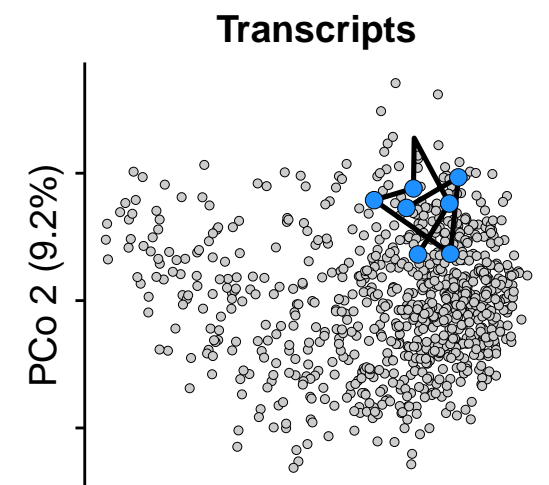
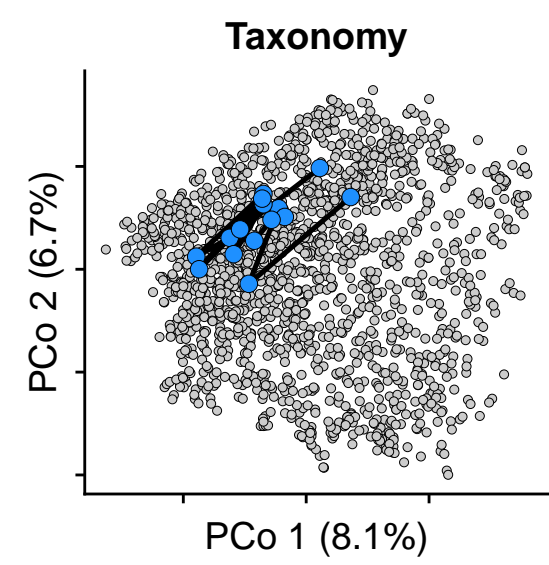
Alistipes onderdonkii
Alistipes shahii
Bacteroides caccae
Bacteroides dorei
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Eubacterium rectale
Faecalibacterium prausnitzii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

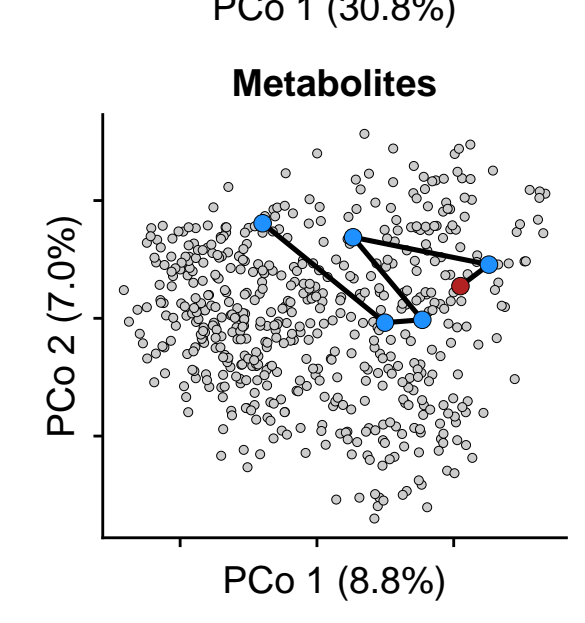
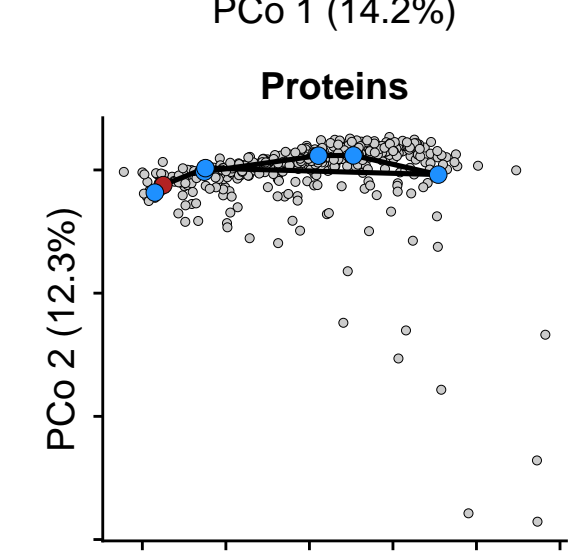
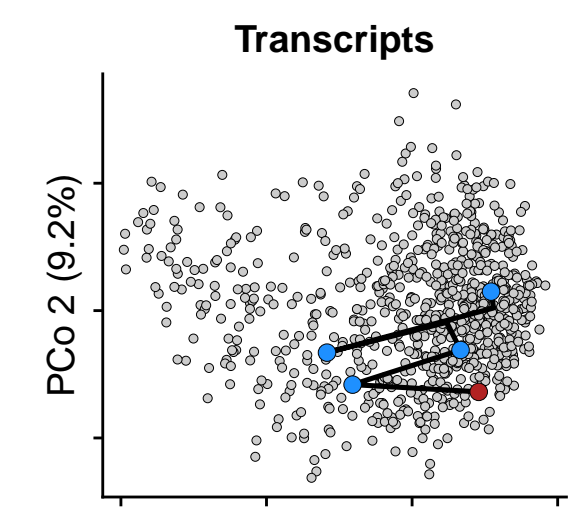
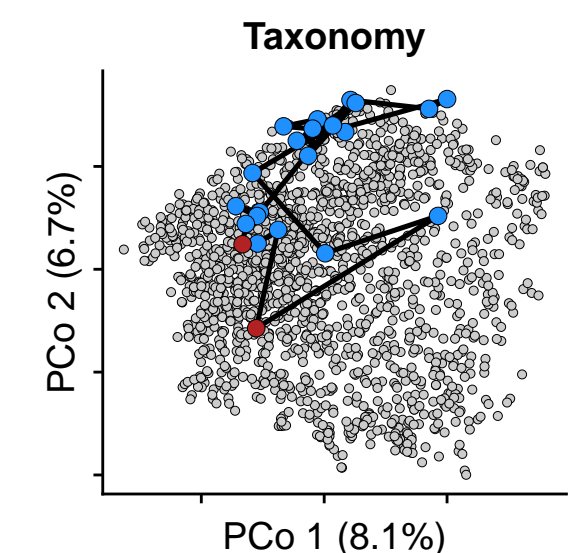
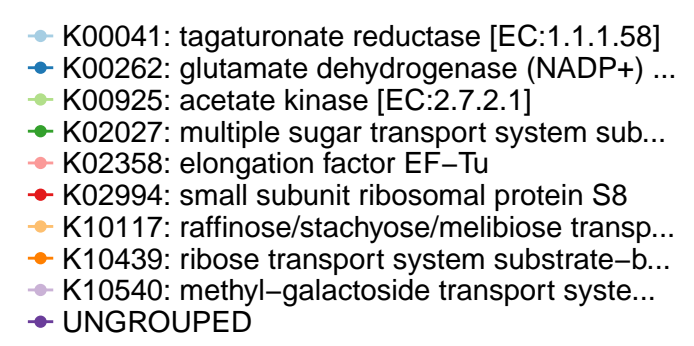
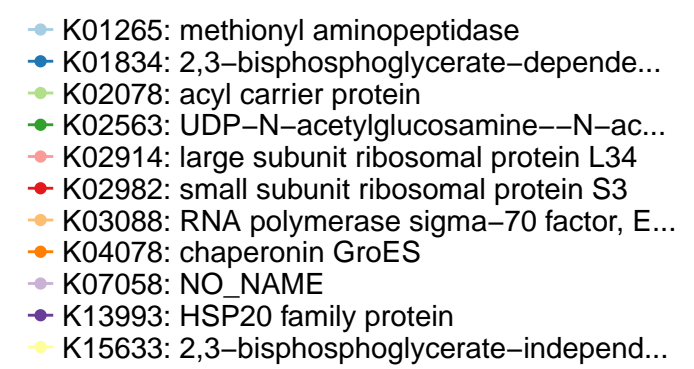
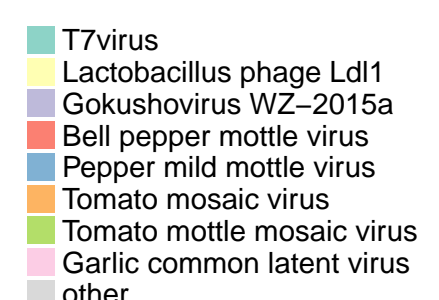
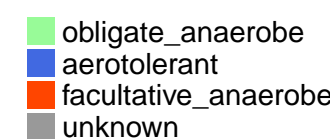
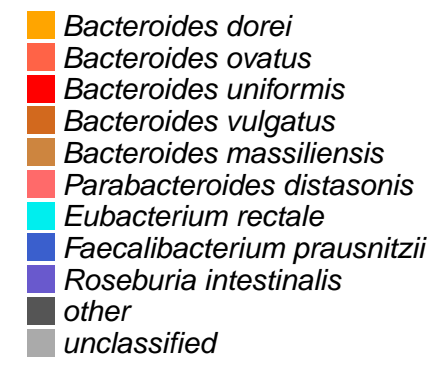
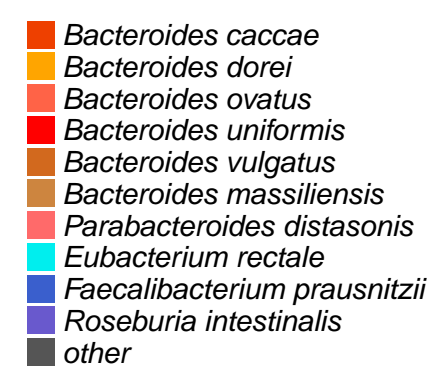
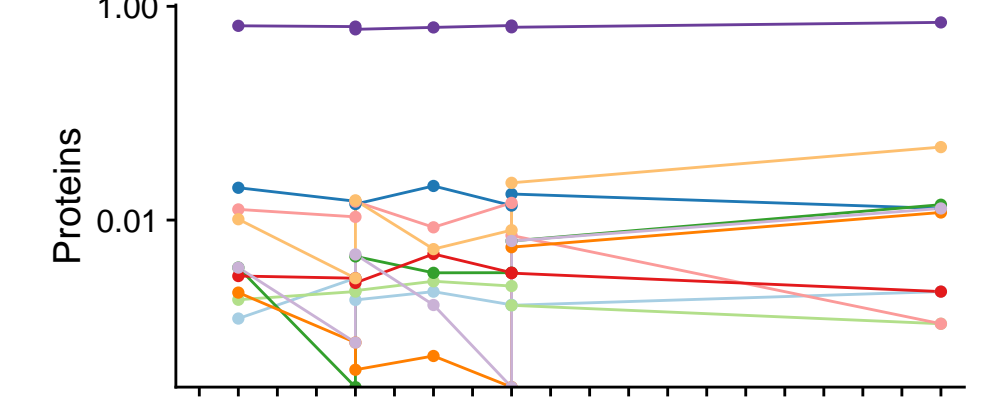
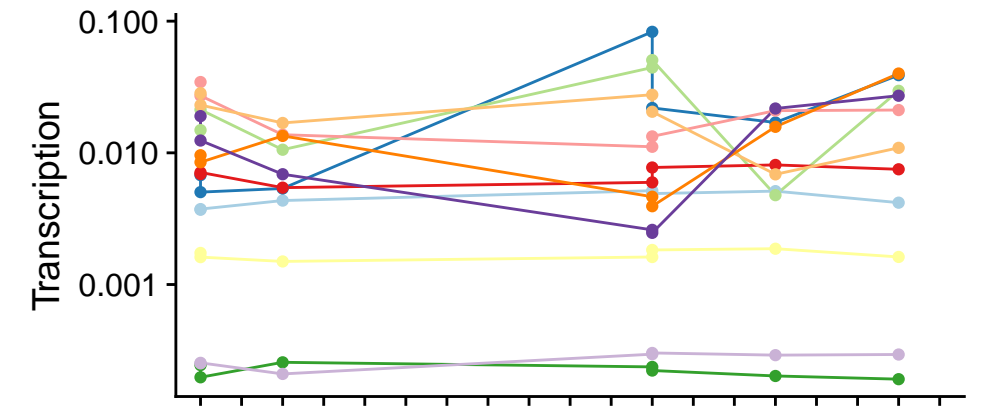
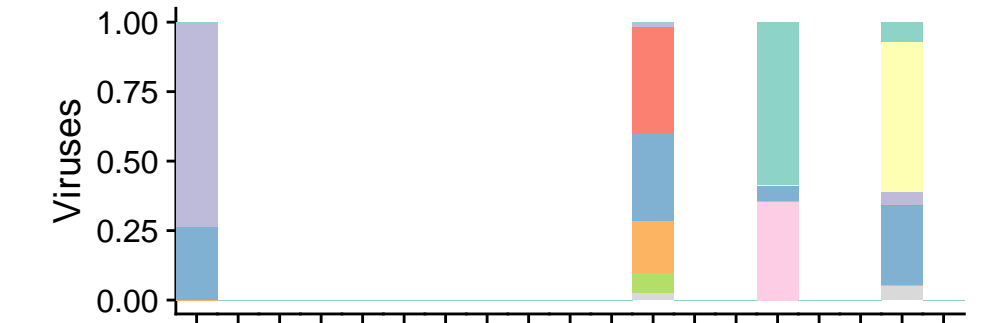
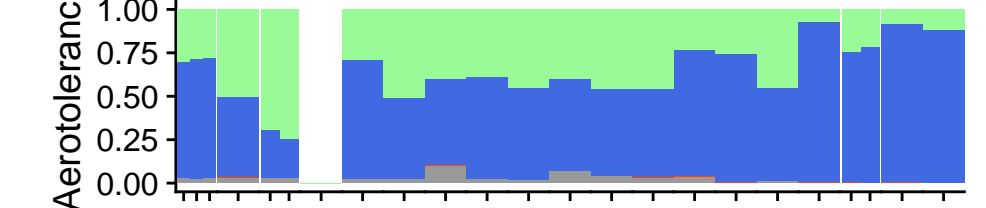
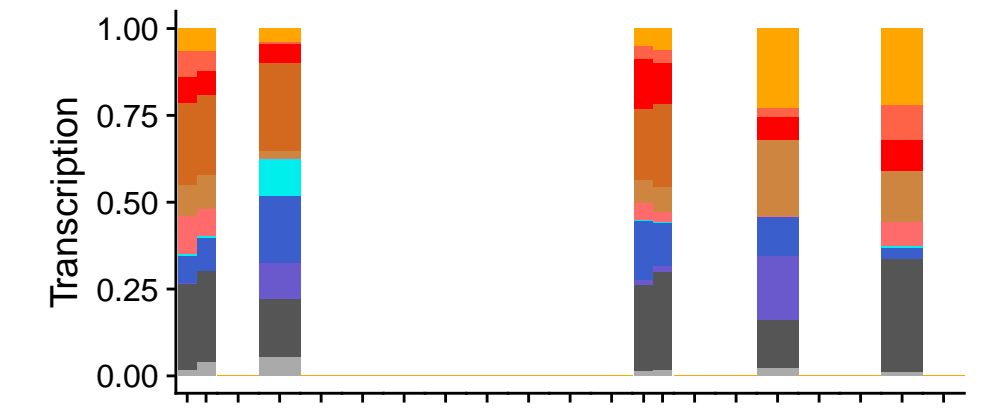
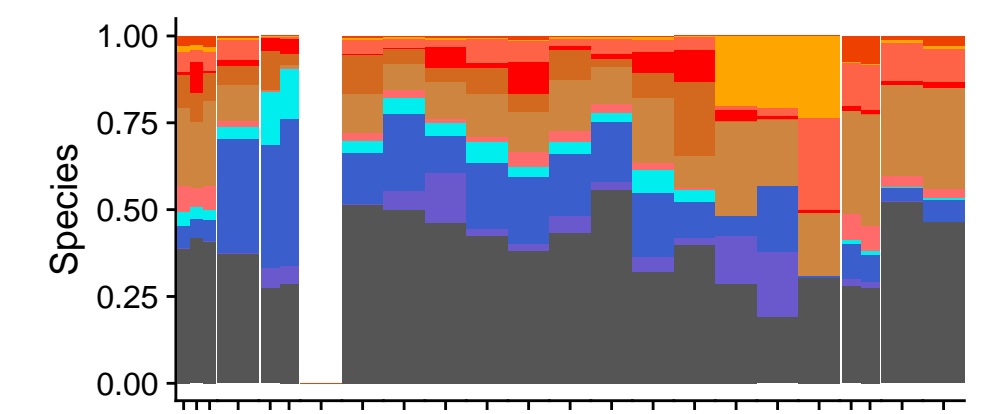
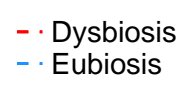
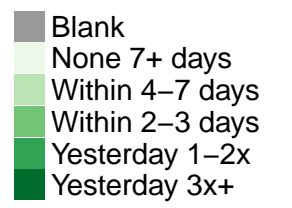
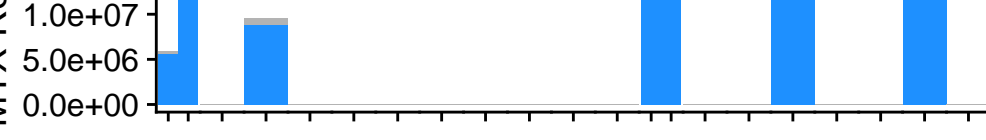
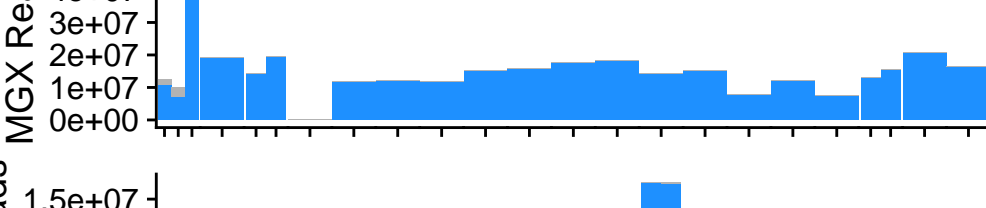
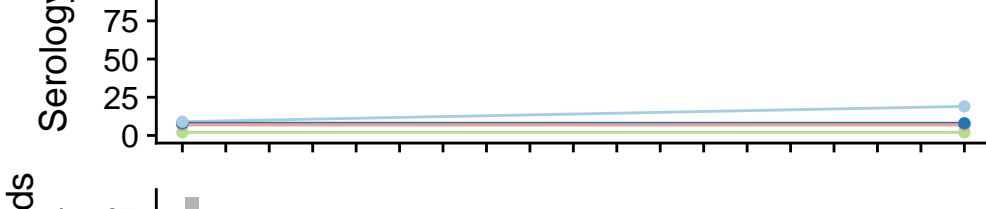
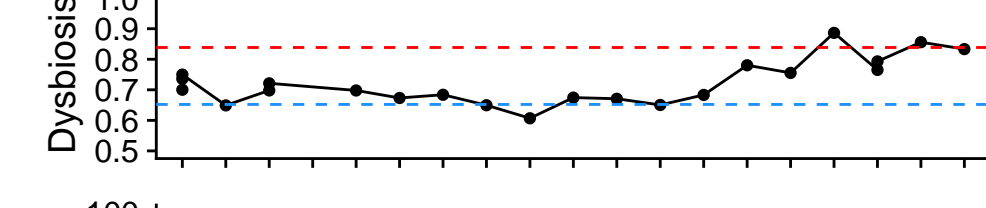
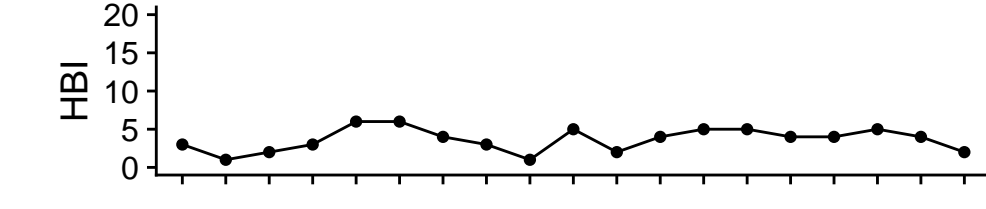
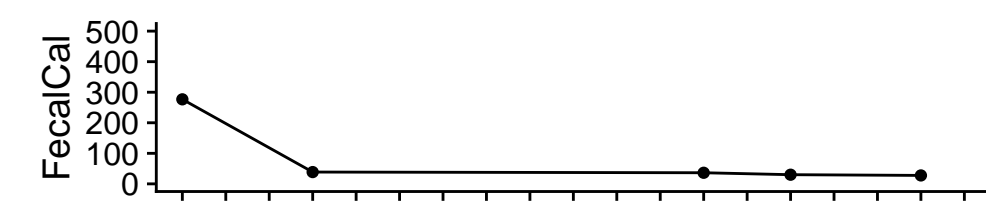
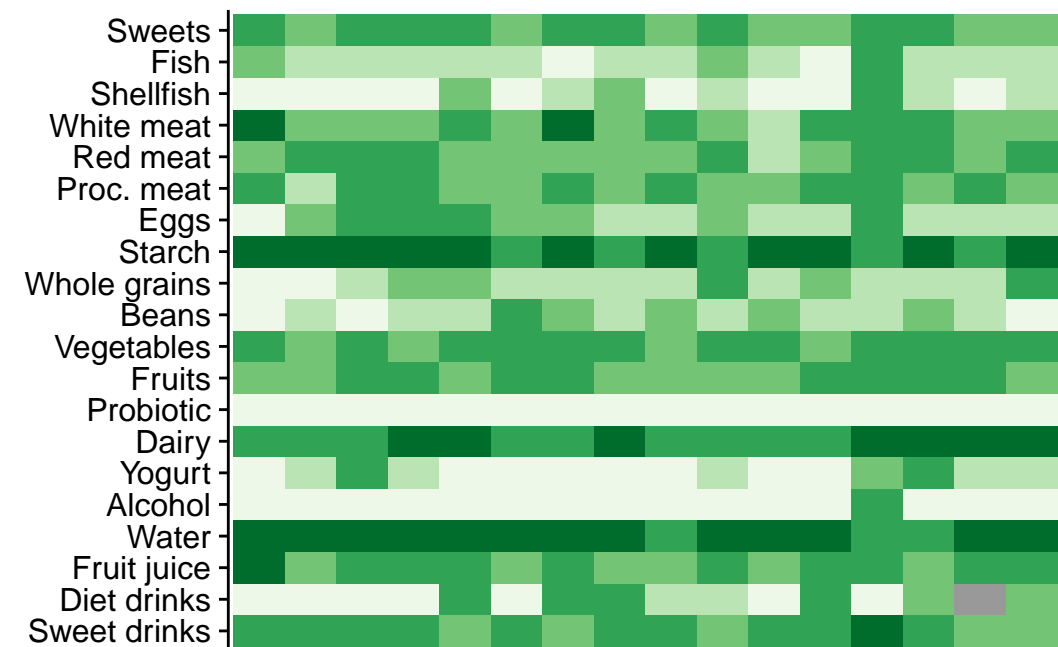
T7virus
Pseudomonas phage PPpW-4
unclassified Siphoviridae
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
Tobacco mild green mosaic virus
Tomato mosaic virus
other

K00850: 6-phosphofructokinase 1 [EC:2.7.1....
K01647: citrate synthase [EC:2.3.3.1]
K01928: UDP-N-acetylmuramoyl-L-alanyl-...
K02888: large subunit ribosomal protein L21
K03088: RNA polymerase sigma-70 factor, E...
K03686: molecular chaperone DnaJ
K04077: chaperonin GroEL
K04078: chaperonin GroES
K06178: ribosomal large subunit pseudouridi...
K12343: 3-oxo-5-alpha-steroid 4-dehydrog...
K13993: HSP20 family protein

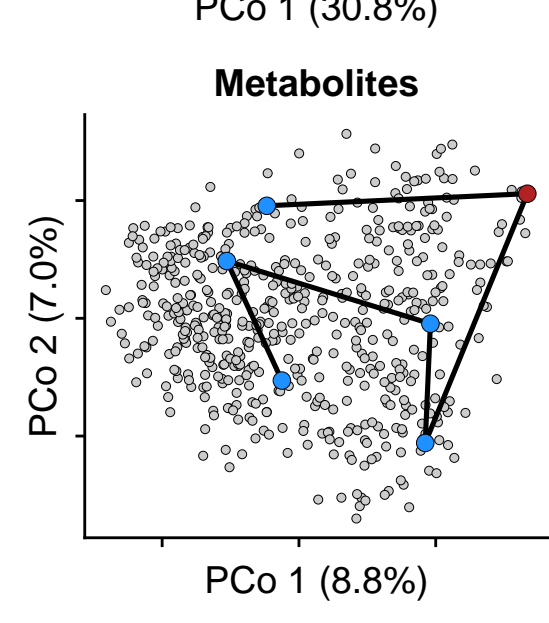
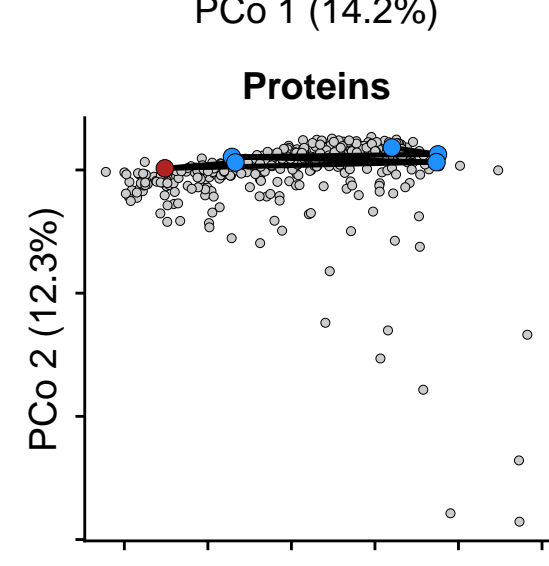
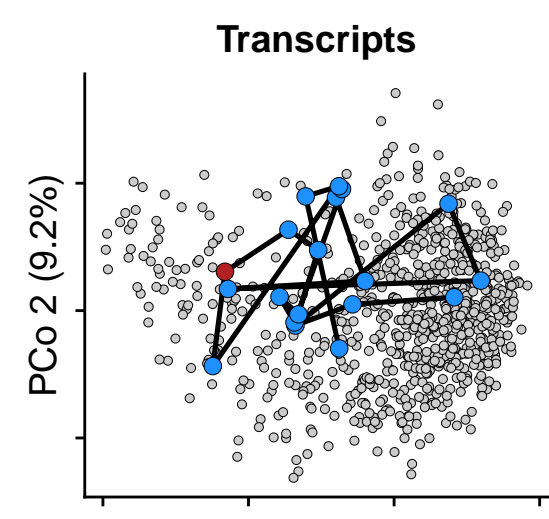
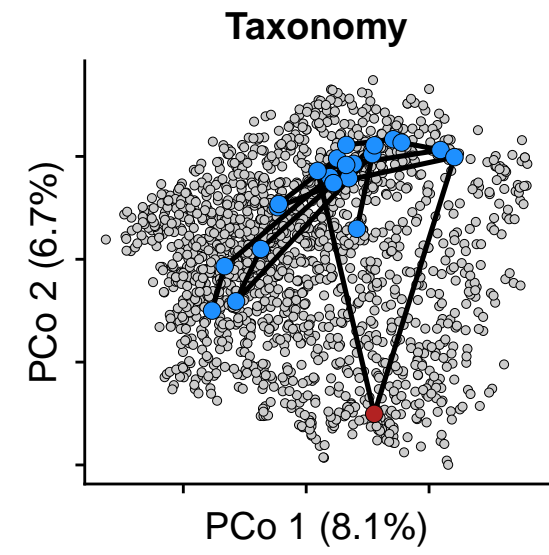
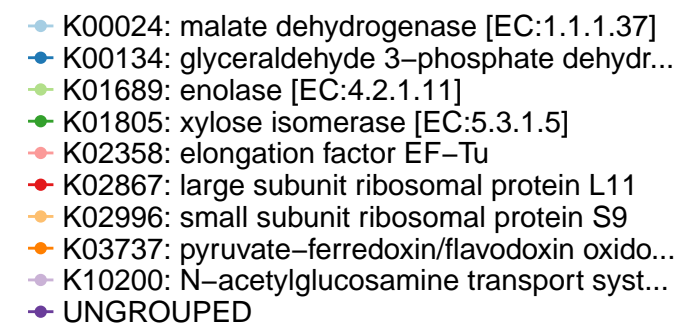
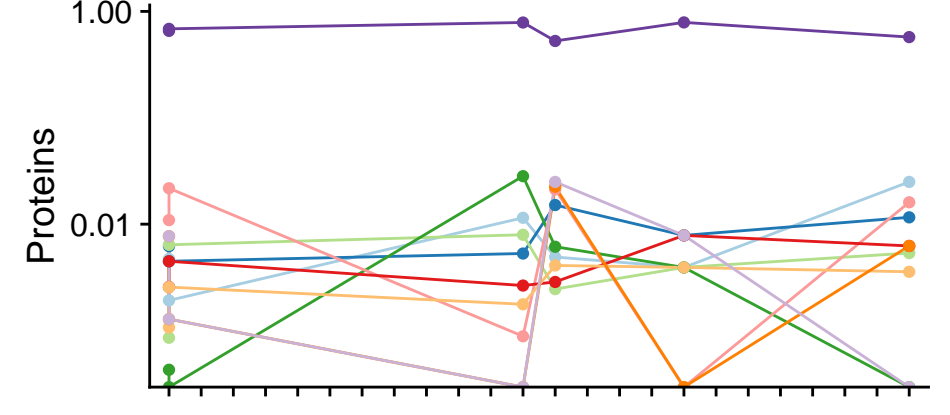
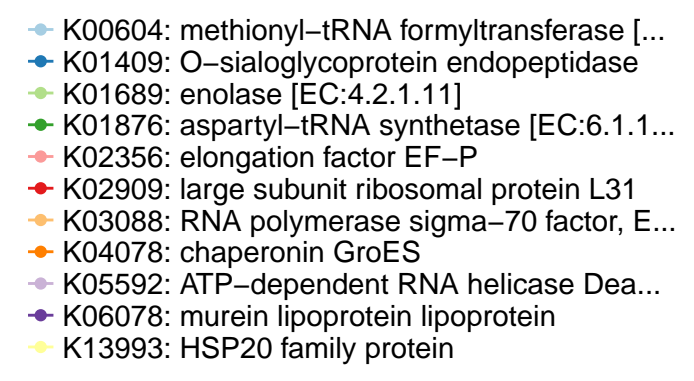
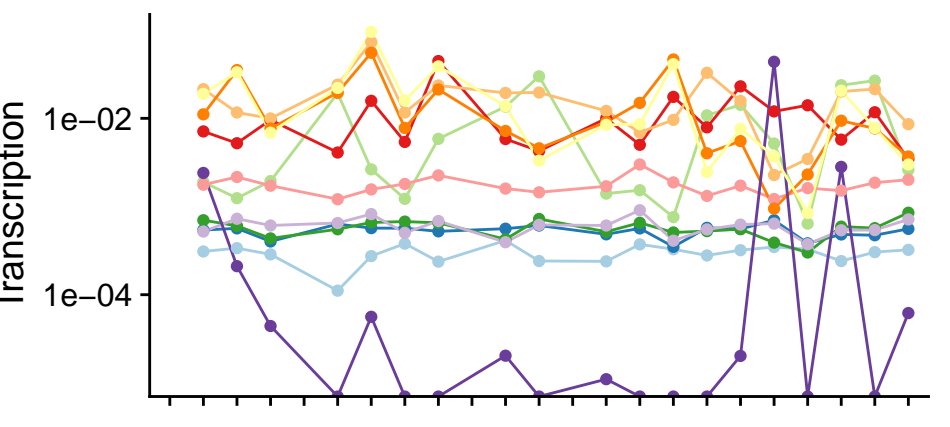
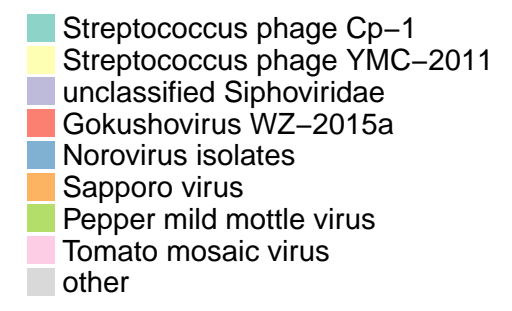
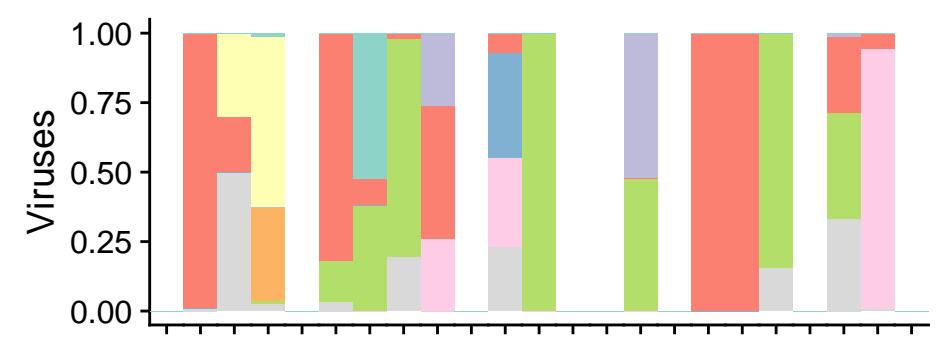
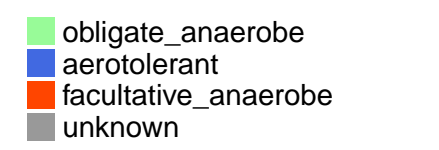
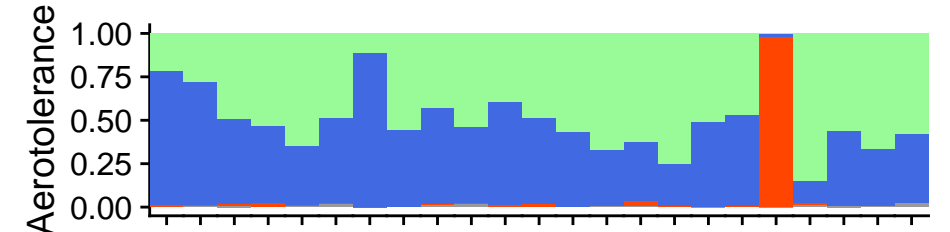
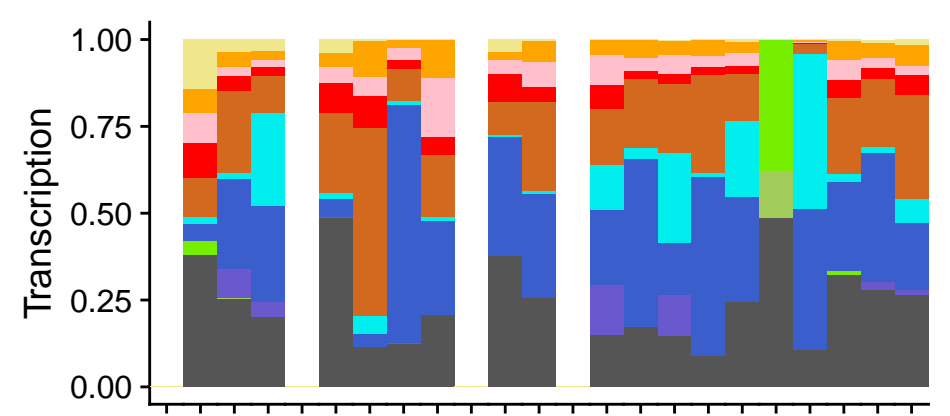
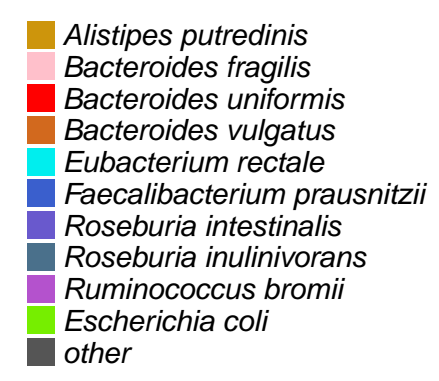
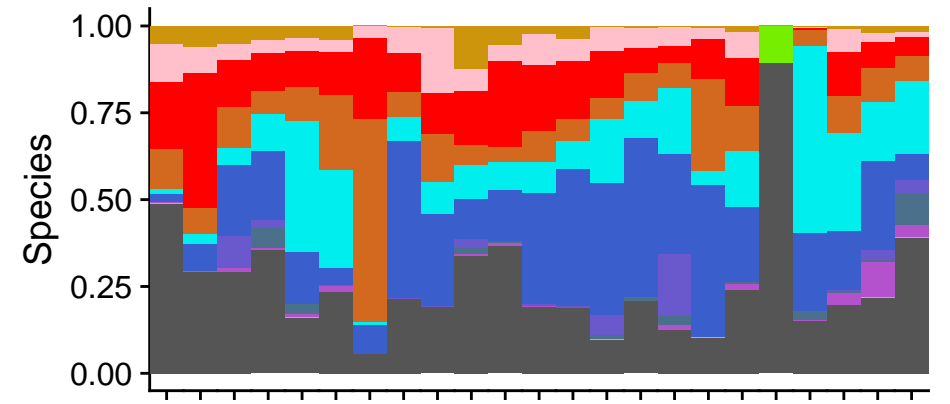
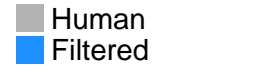
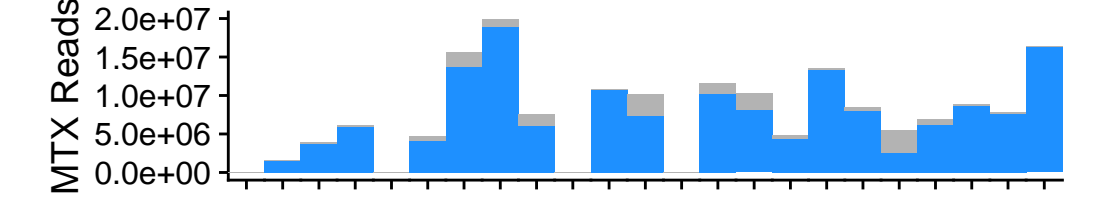
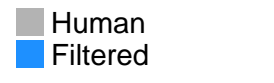
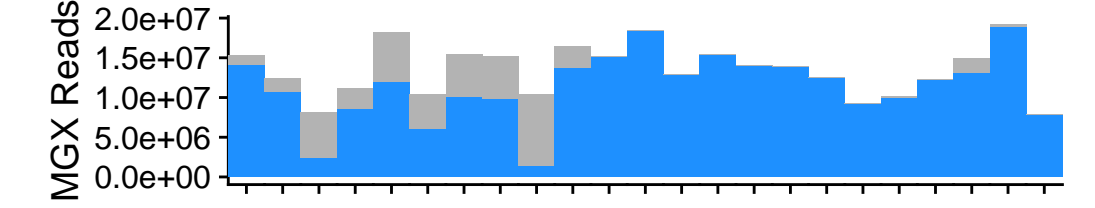
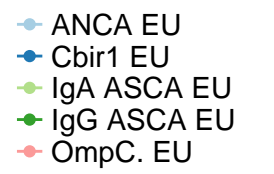
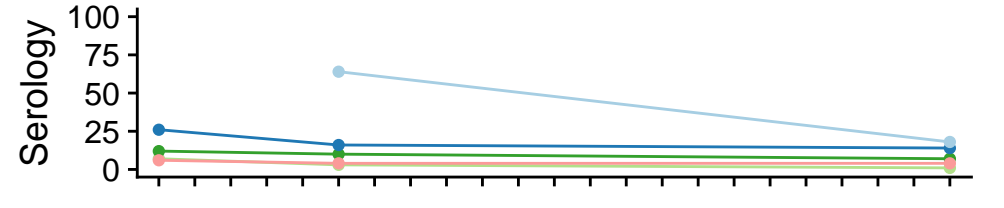
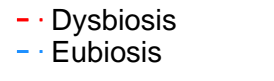
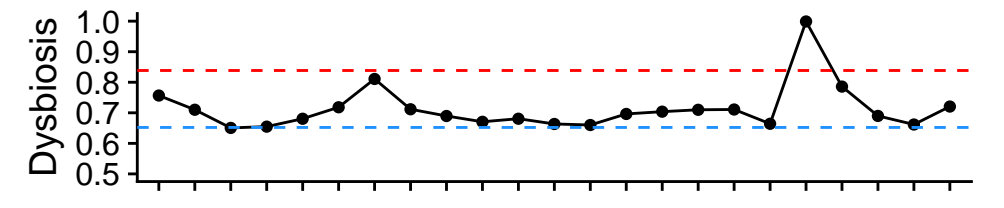
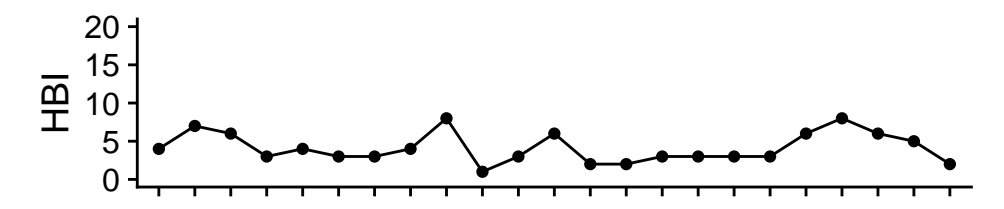
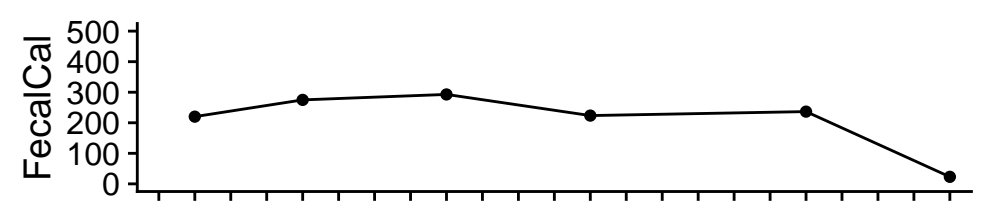
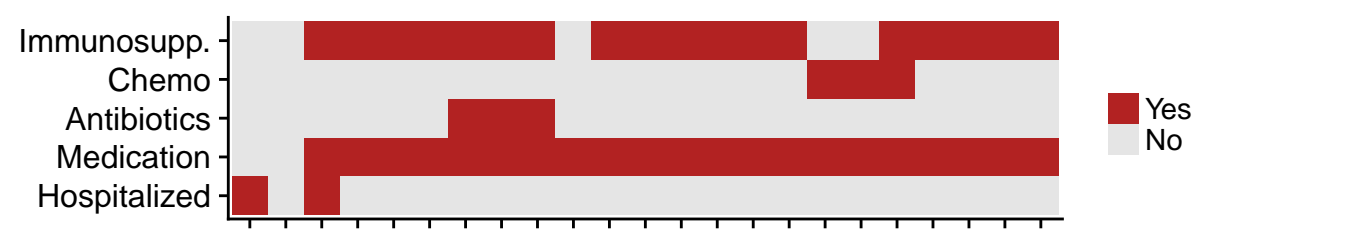
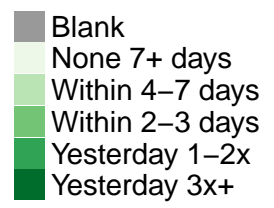
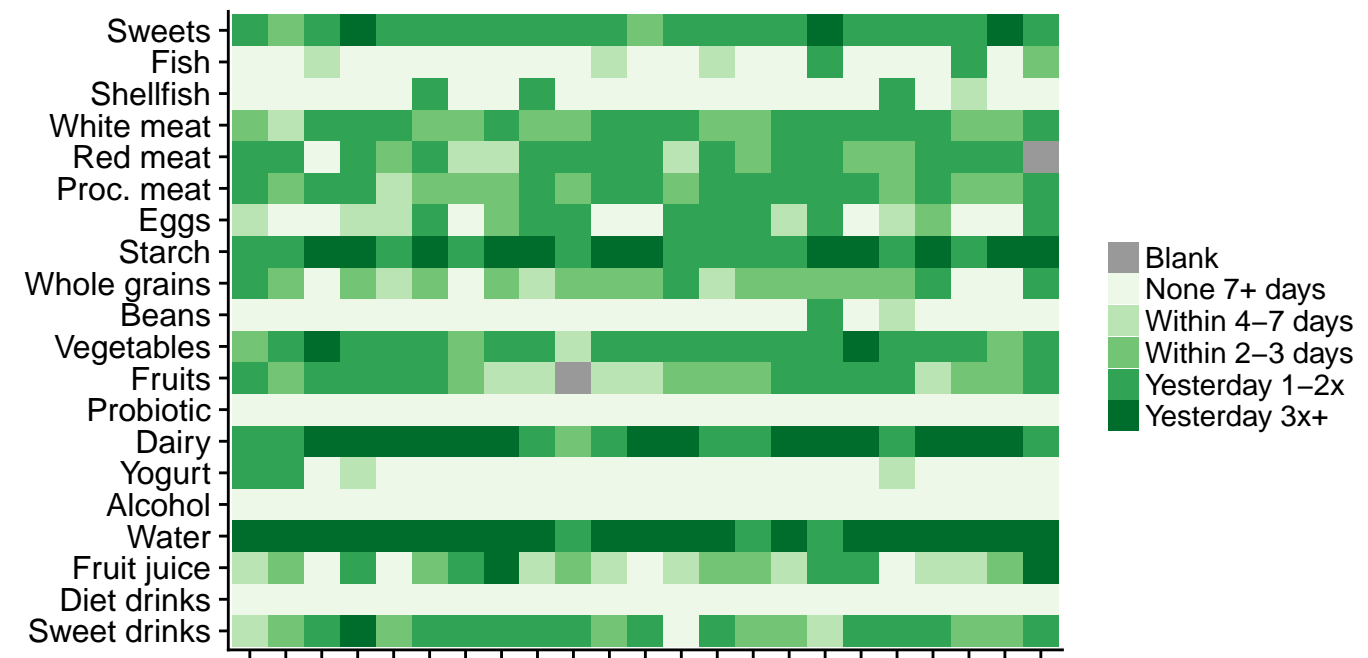
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...
K01610: phosphoenolpyruvate carboxykinase...
K01803: triosephosphate isomerase (TIM) [E...
K10117: raffinose/stachyose/melibiose transp...
K10192: oligogalacturonide transport syst...
K10200: N-acetylglucosamine transport syst...
UNGROUPED



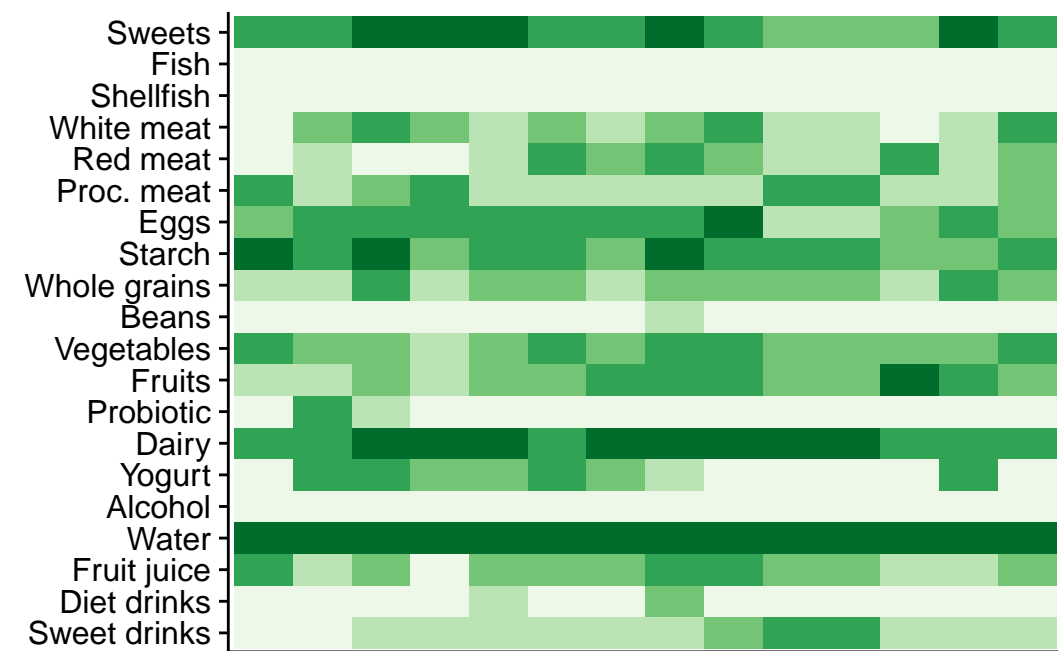
P6009: 16 Male White MGH Pediatrics | CD L2



P6010: 10 Male White MGH Pediatrics | CD L3+L4



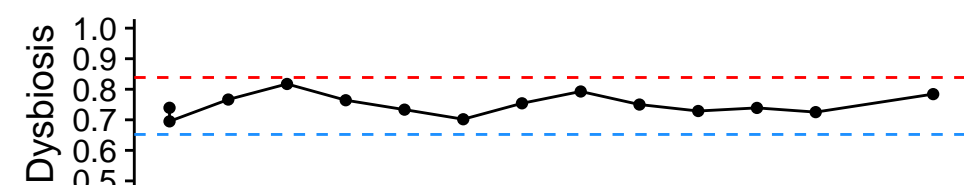
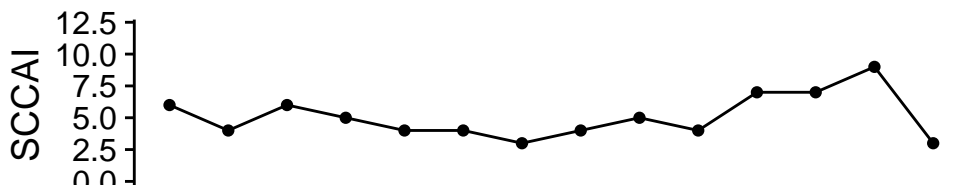
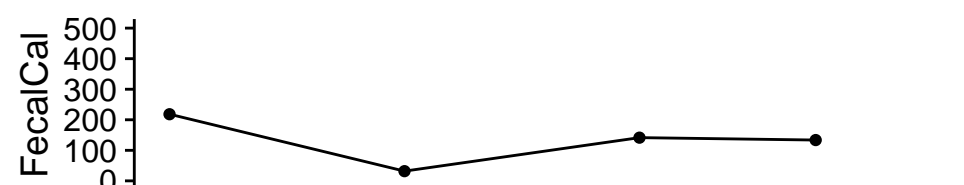
P6012: 16 Female White MGH Pediatrics | UC



None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+



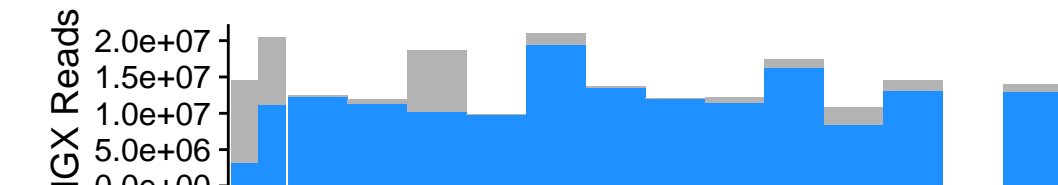
Yes
No



Dysbiosis
Eubiosis



ANCA EU
Cbir1 EU
OmpC. EU



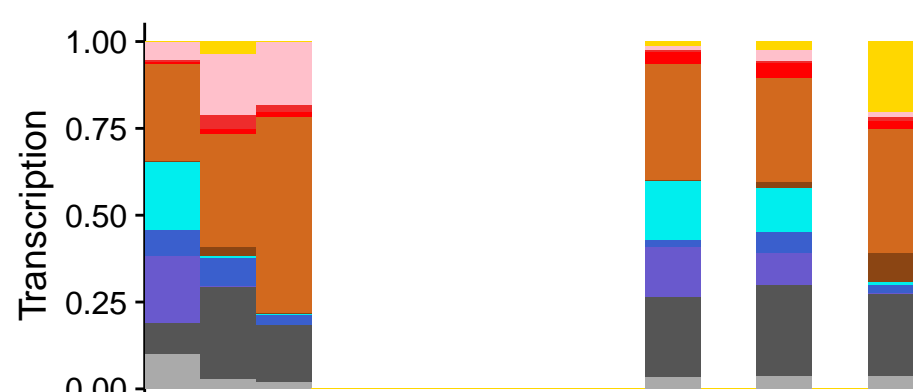
Human
Filtered



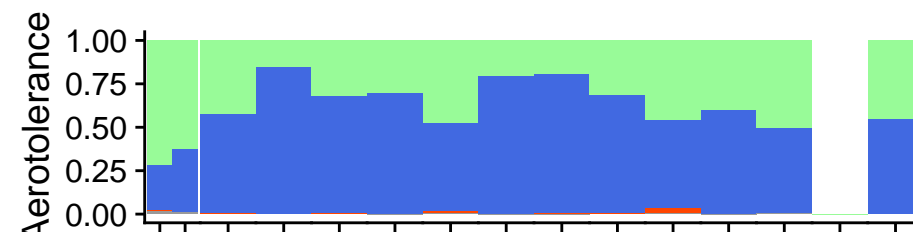
Human
Filtered



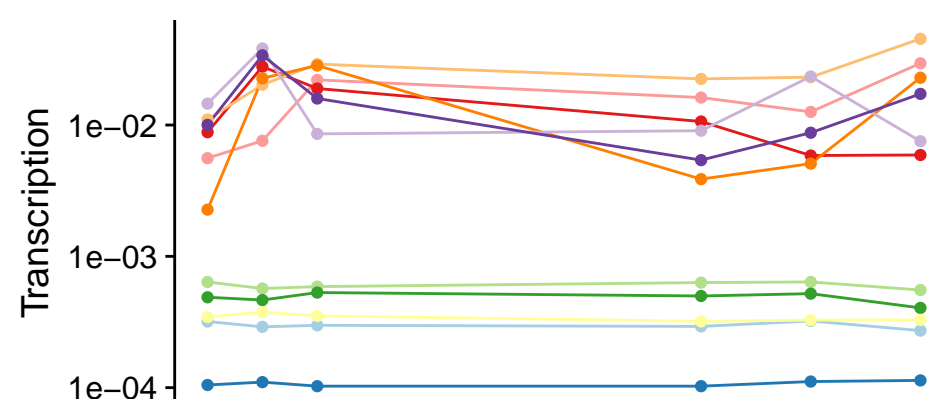
Alistipes onderdonkii
Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia inulinivorans
other



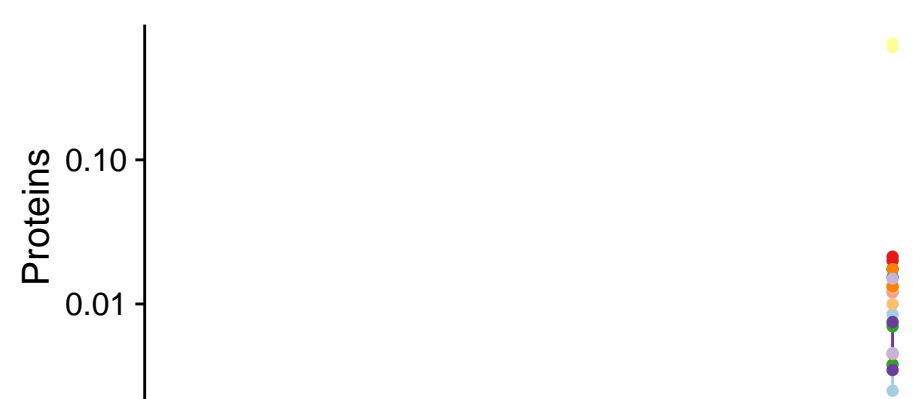
Alistipes onderdonkii
Bacteroides fragilis
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Odoribacter splanchnicus
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
other
unclassified



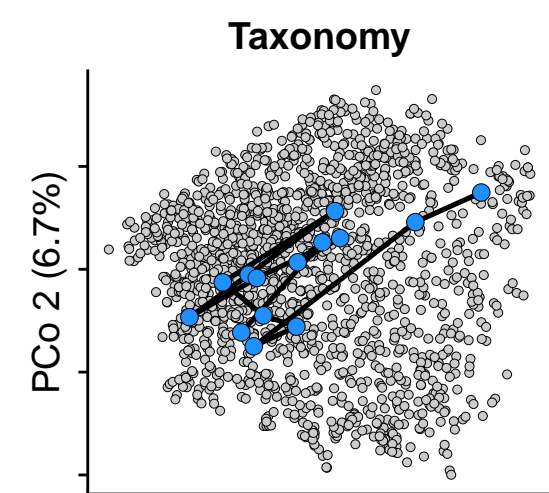
obligate anaerobe
aerotolerant
facultative anaerobe
unknown



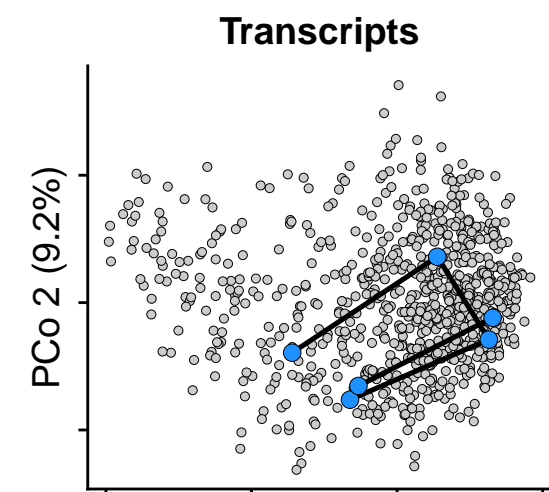
K00651: homoserine O-succinyltransferase [...]
K00688: starch phosphorylase [EC:2.4.1.1]
K00873: pyruvate kinase [EC:2.7.1.40]
K00973: glucose-1-phosphate thymidyltra...
K02078: acyl carrier protein
K02909: large subunit ribosomal protein L31
K02914: large subunit ribosomal protein L34
K03088: RNA polymerase sigma-70 factor, E...
K04078: chaperonin GroES
K13993: HSP20 family protein
K17828: dihydroorotate dehydrogenase (NA...)



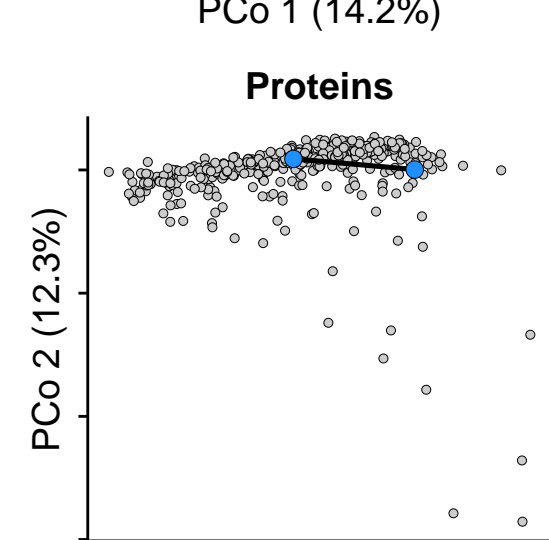
K00041: tagaturonate reductase [EC:1.1.1.58]
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...]
K01805: xylose isomerase [EC:5.3.1.5]
K02355: elongation factor EF-G
K02358: elongation factor EF-Tu
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
UNGROUPED



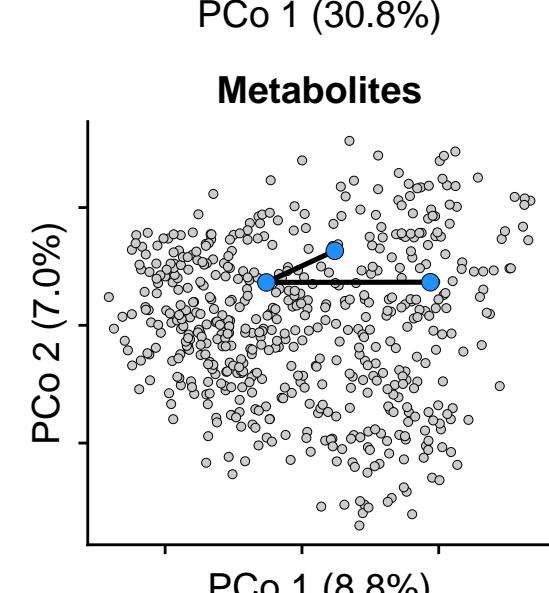
Taxonomy



Transcripts

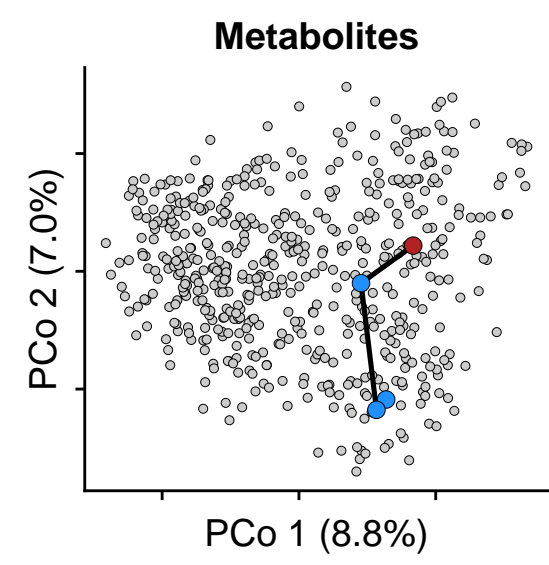
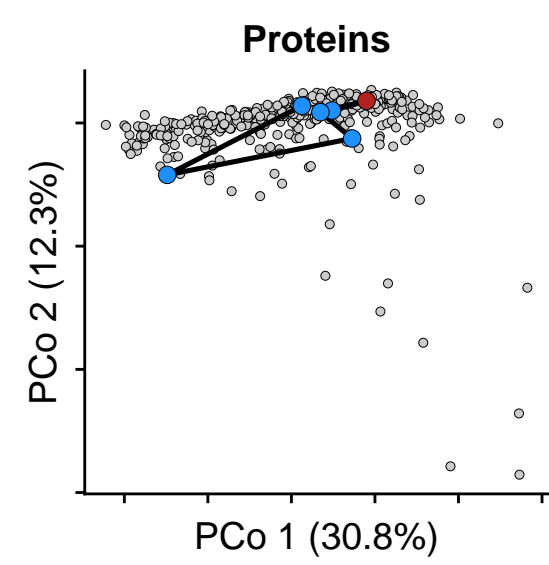
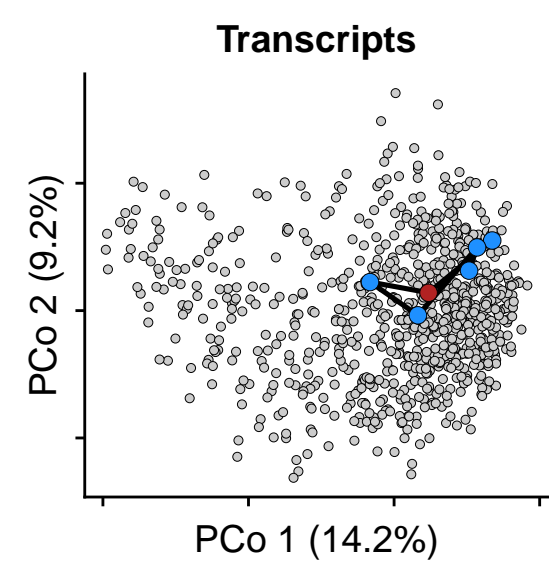
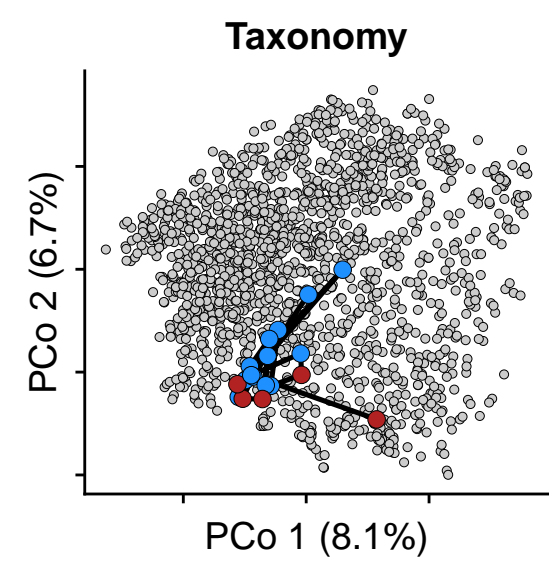
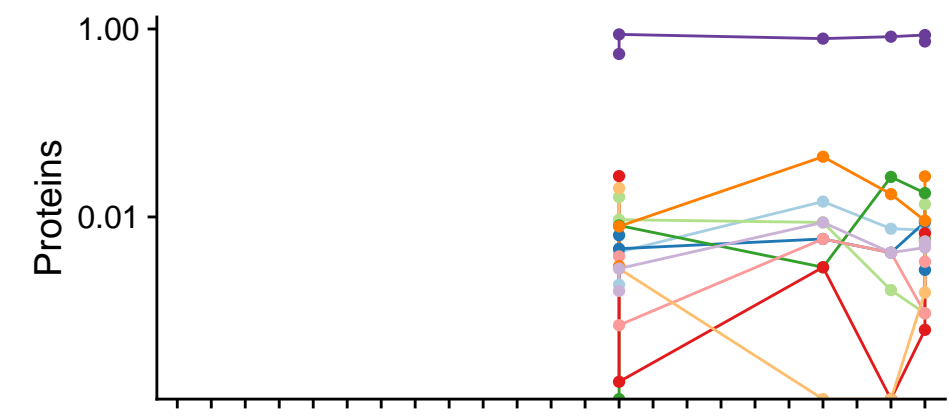
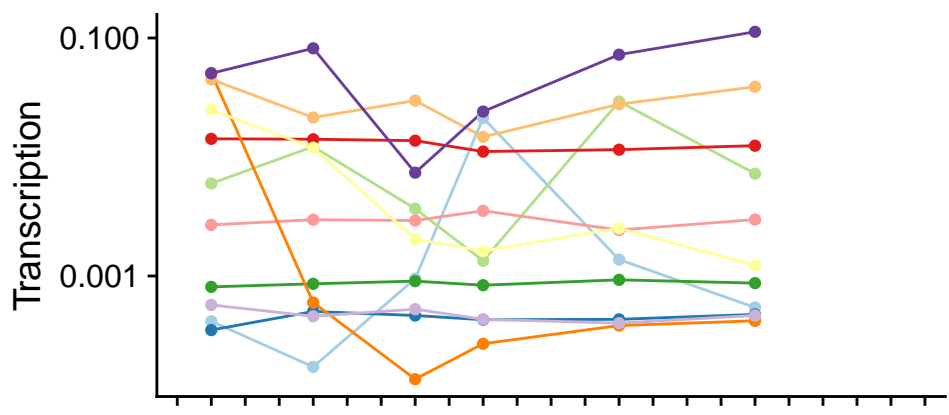
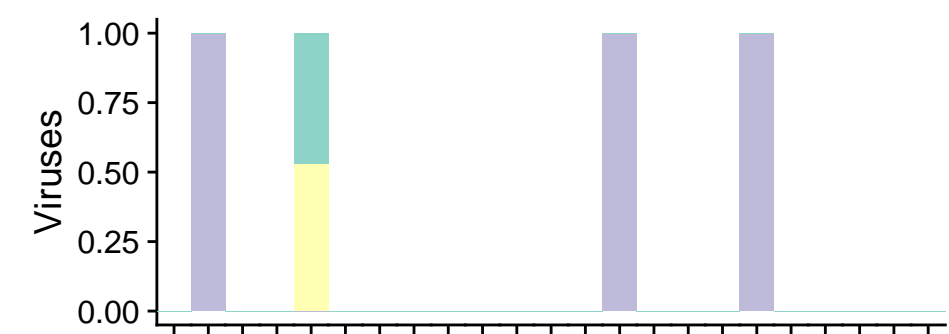
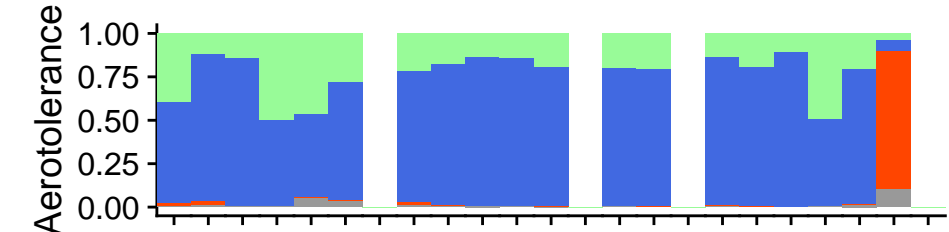
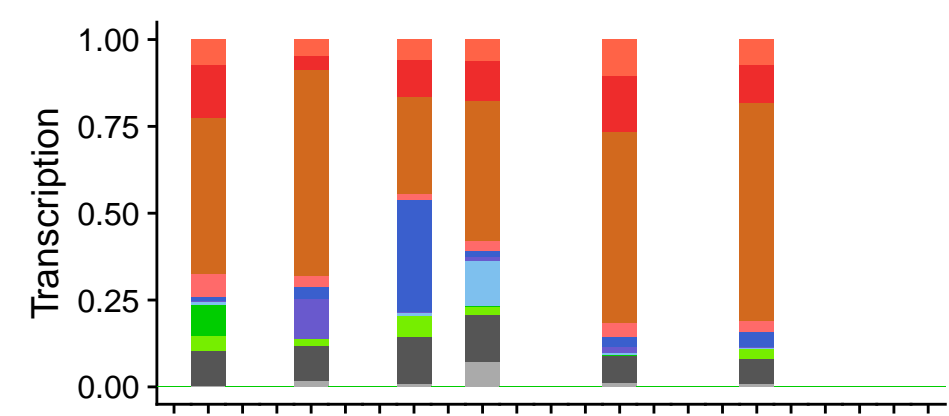
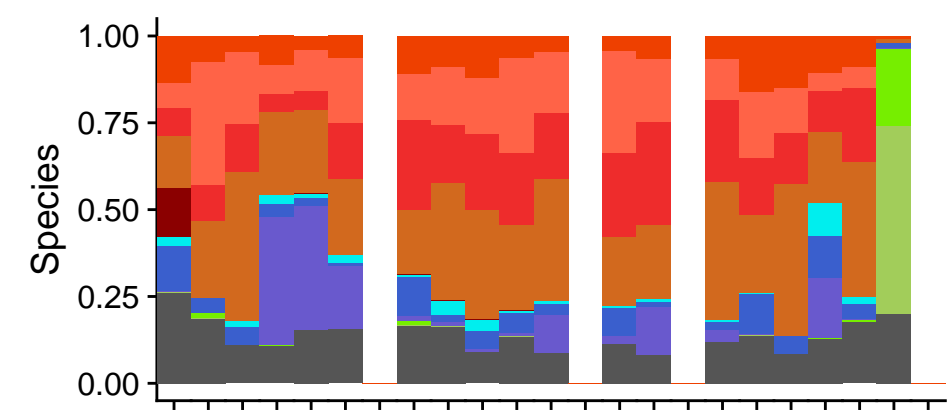
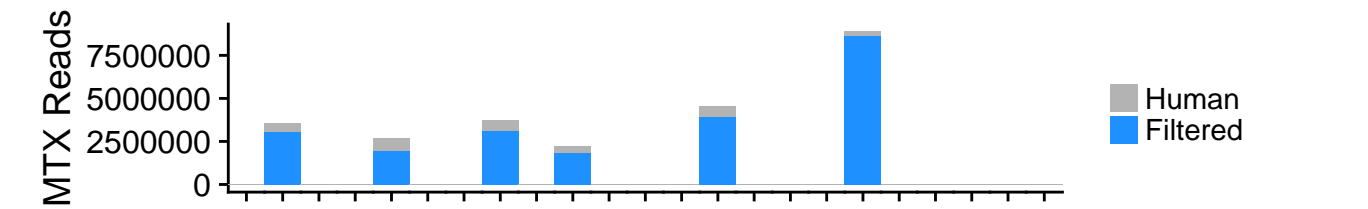
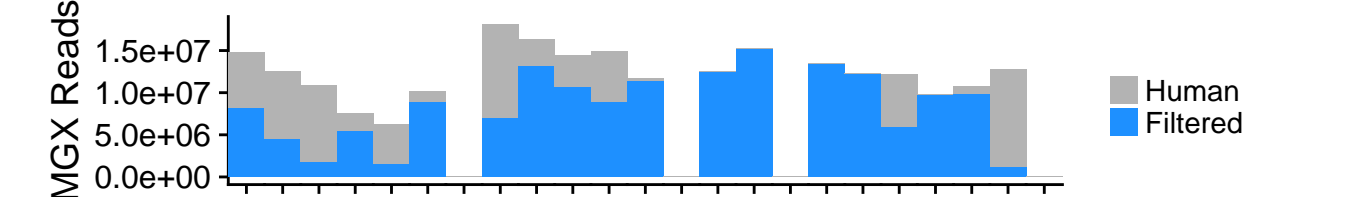
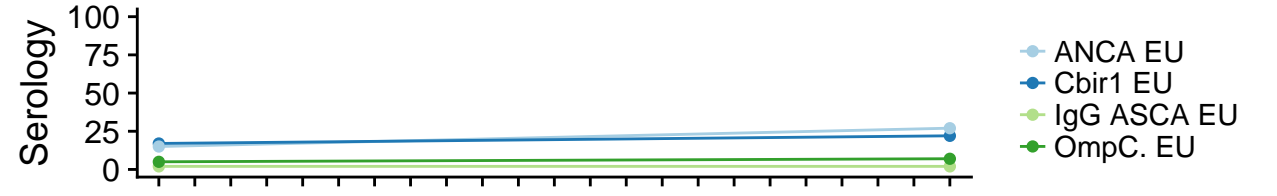
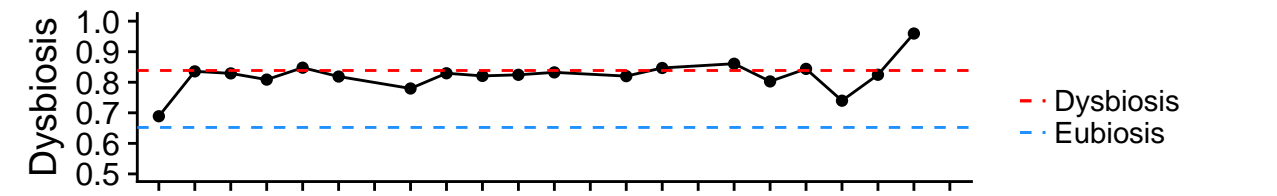
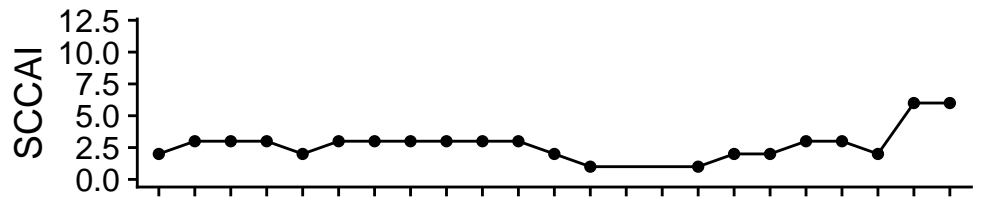
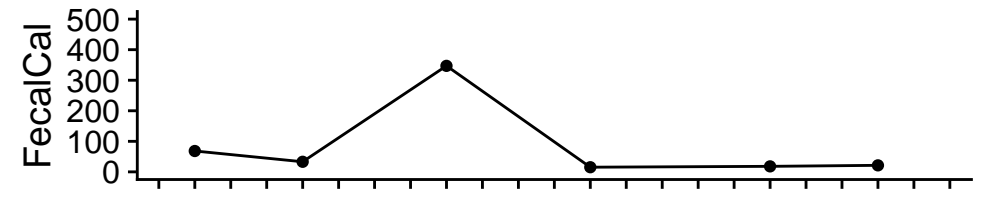
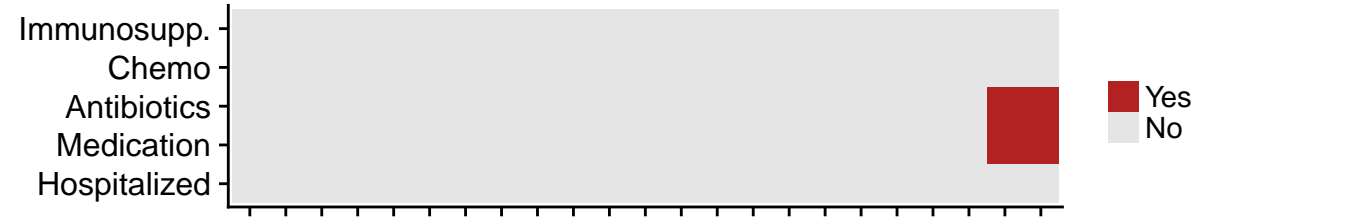
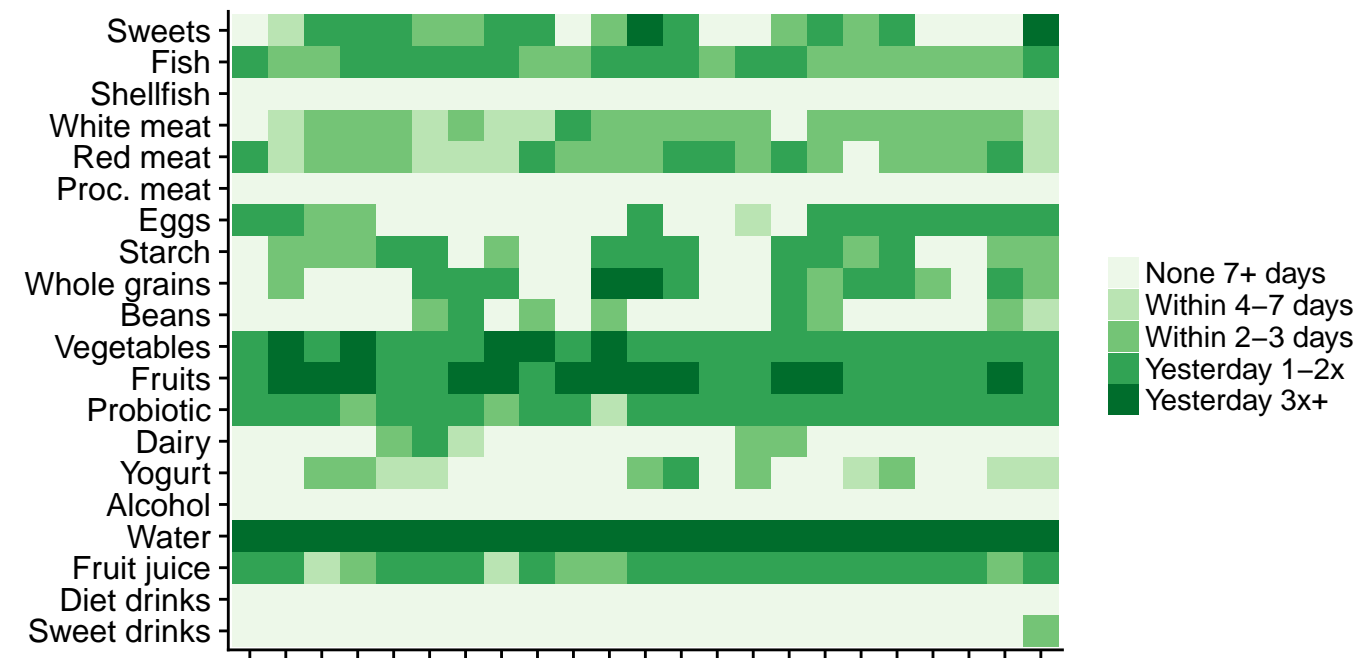


Proteins

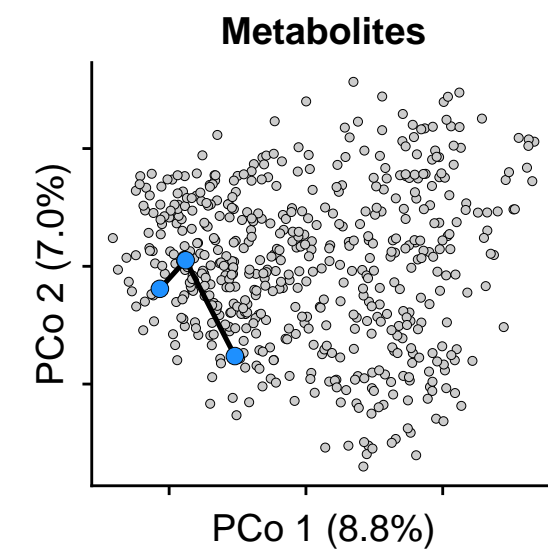
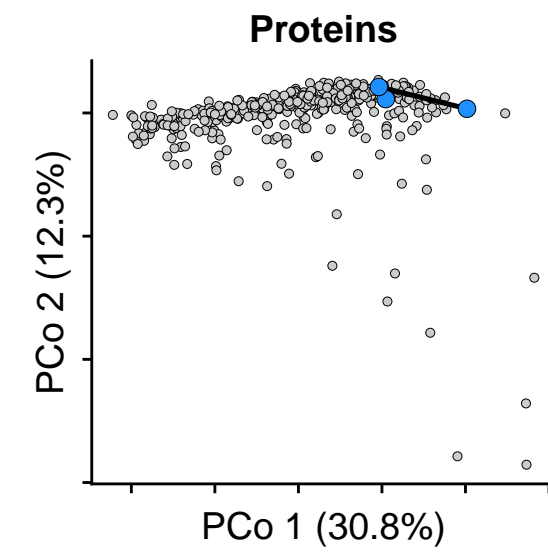
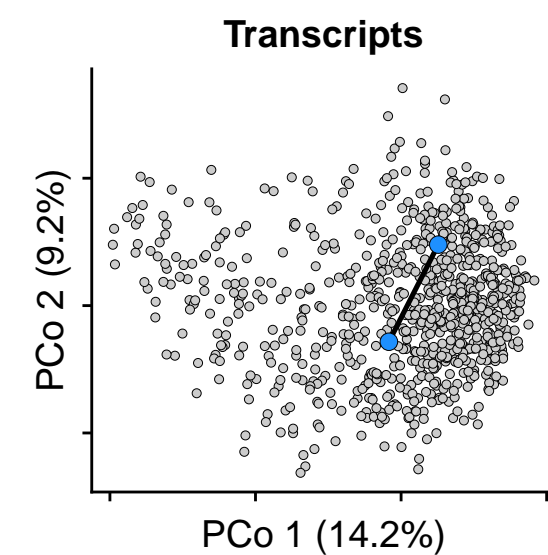
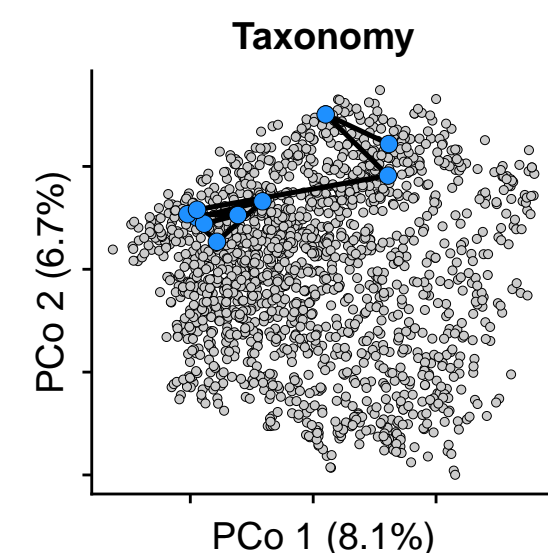
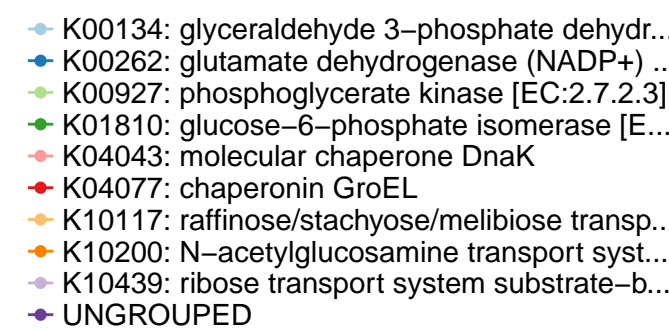
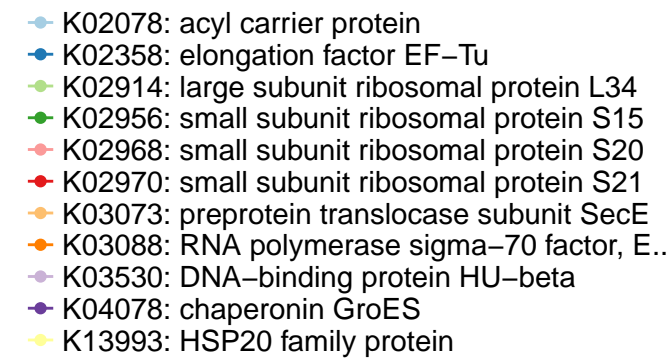
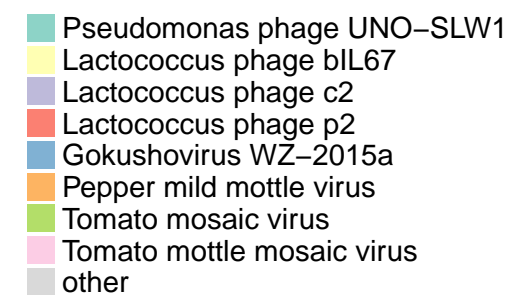
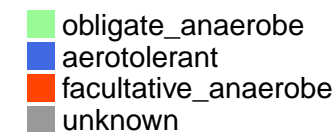
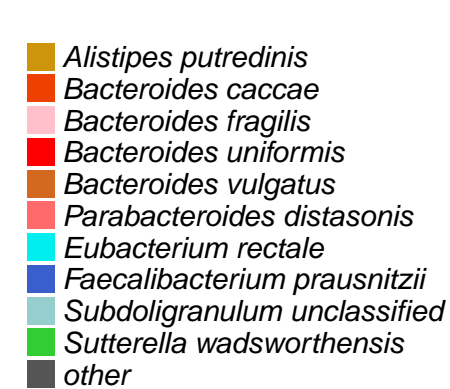
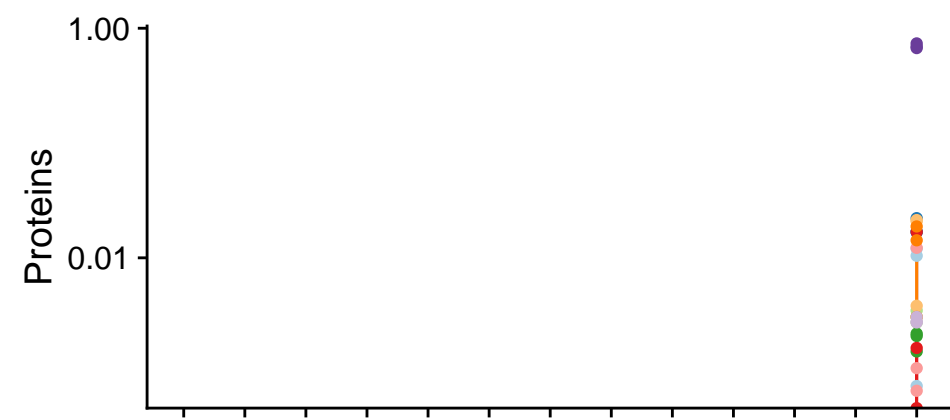
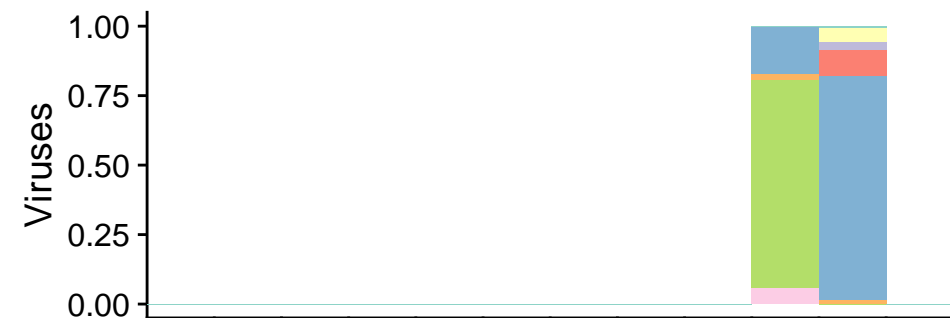
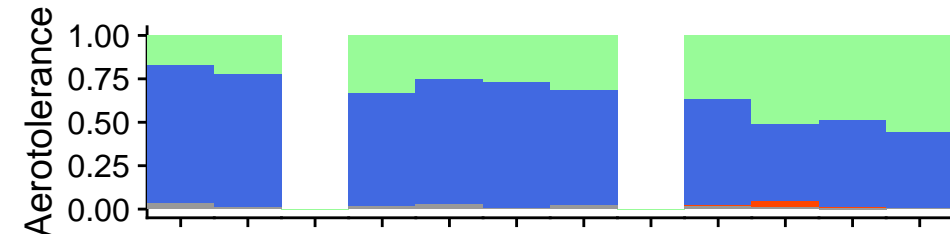
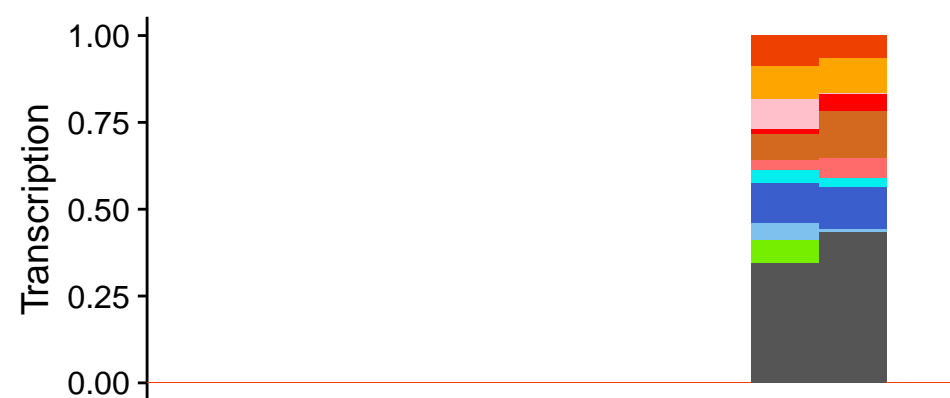
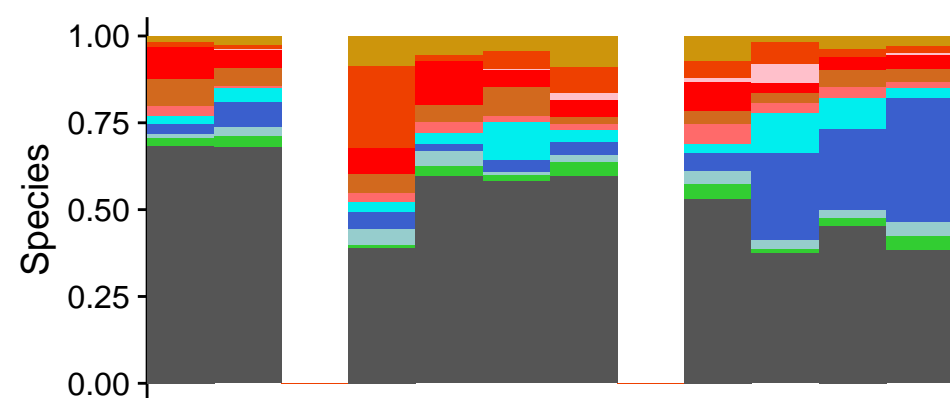
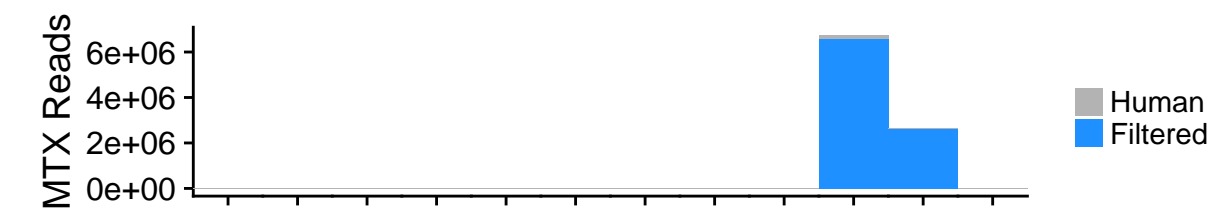
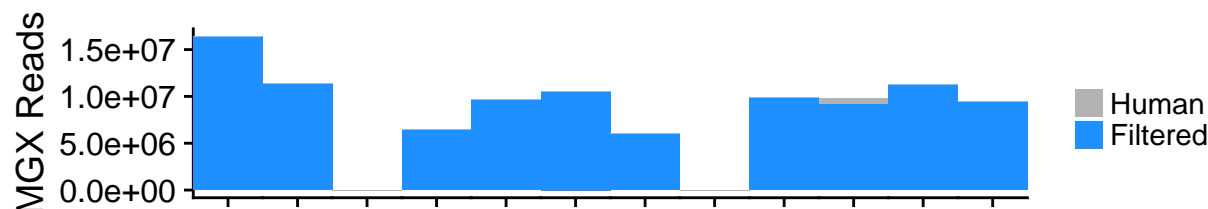
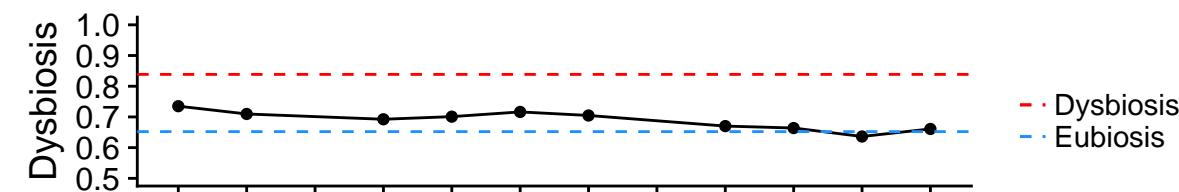
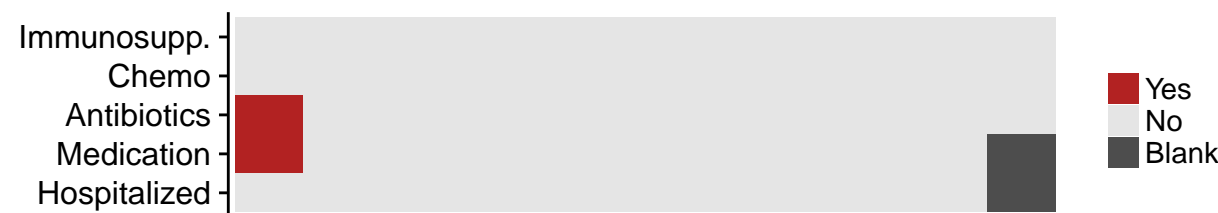


Metabolites

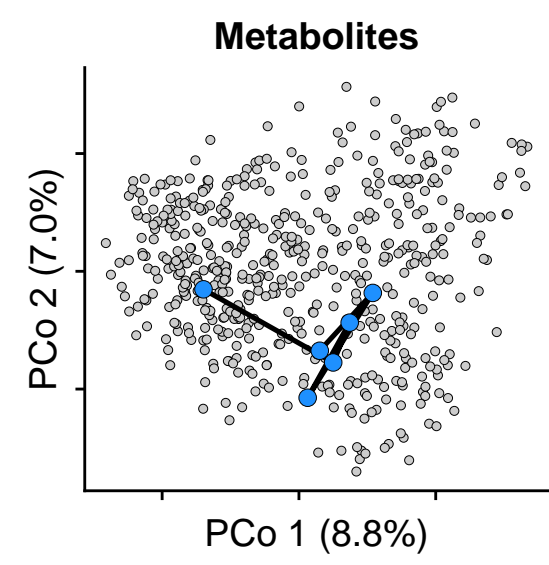
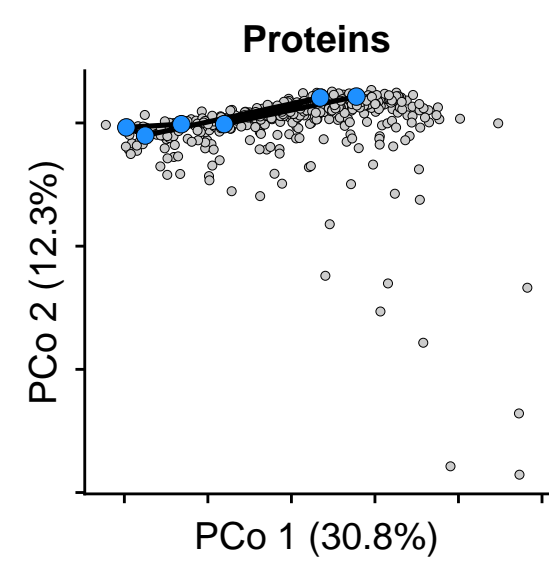
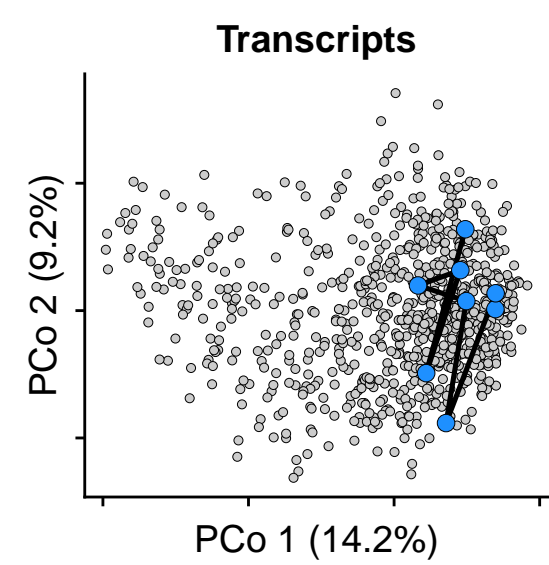
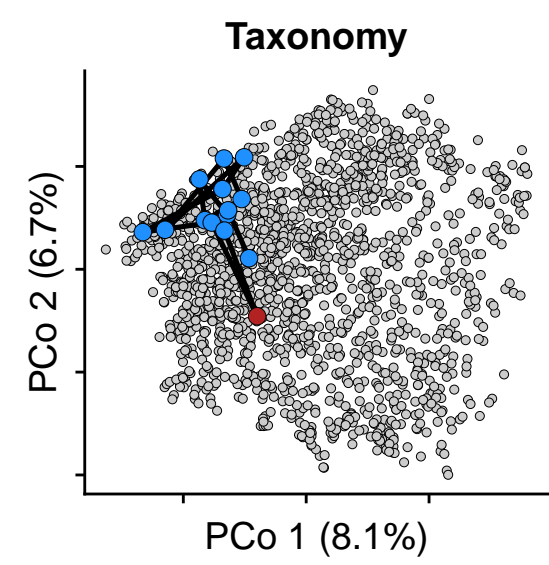
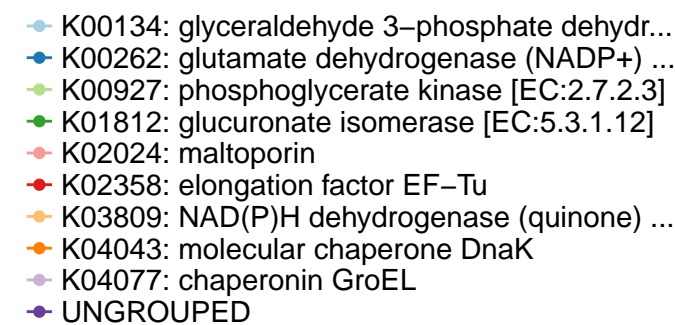
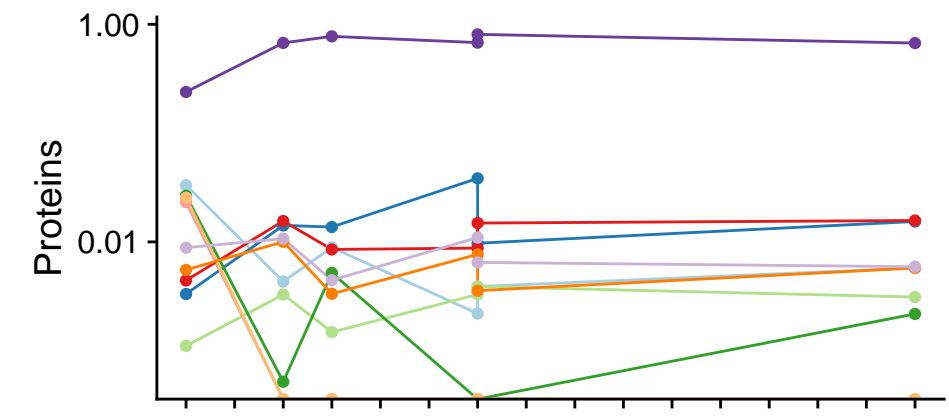
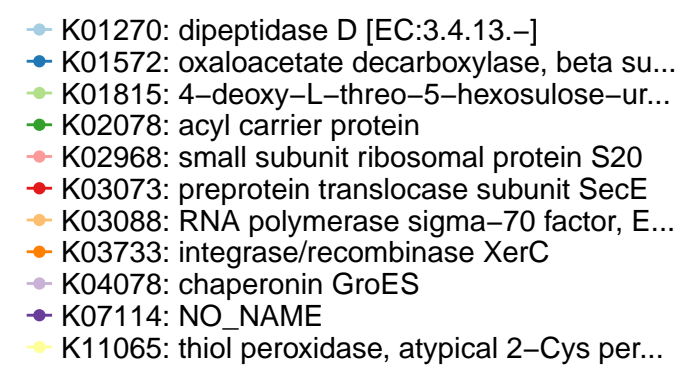
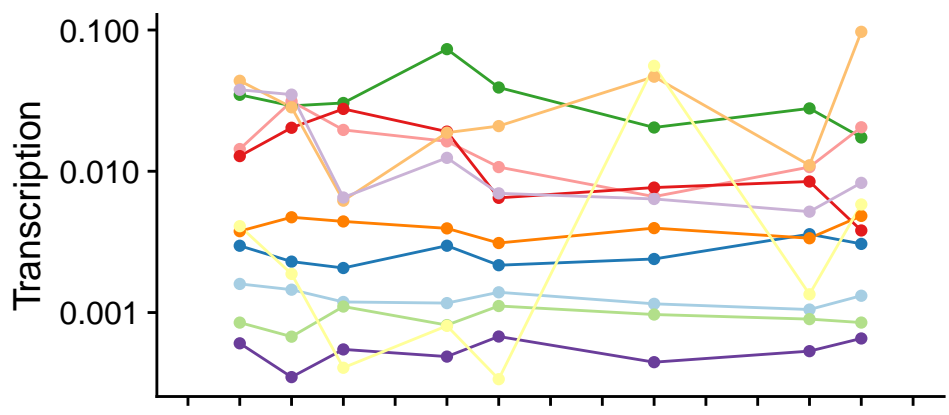
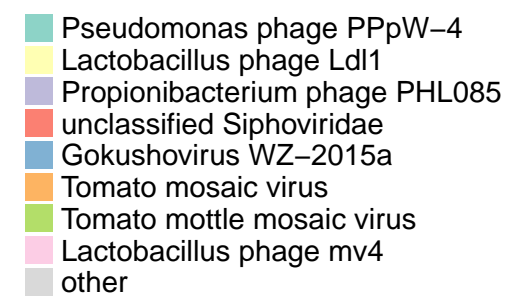
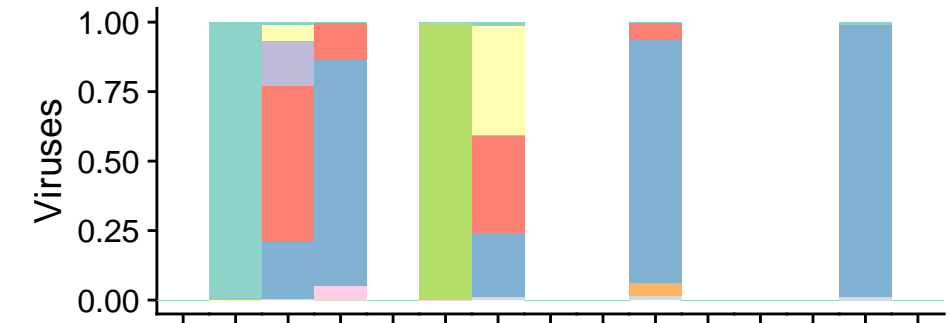
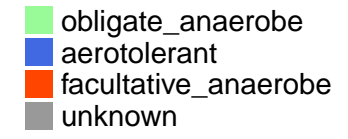
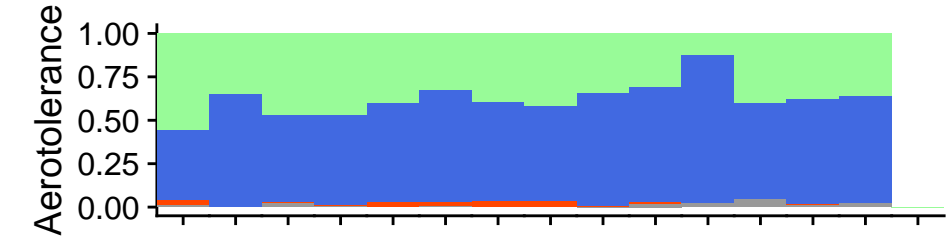
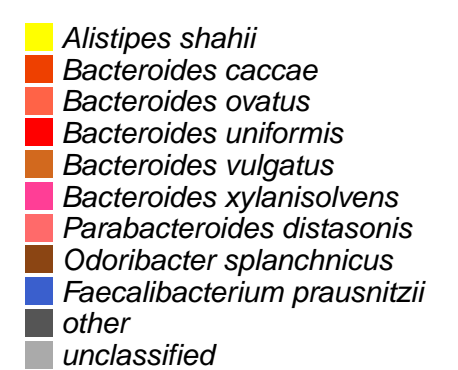
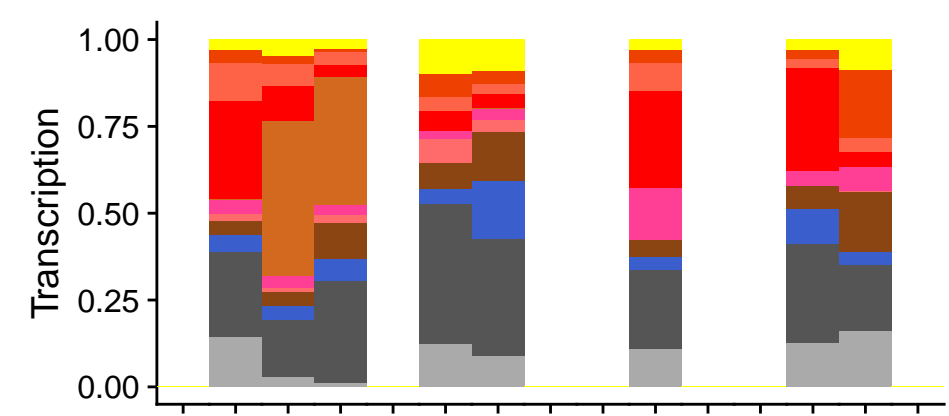
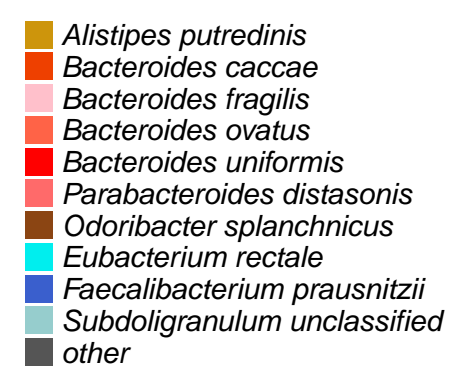
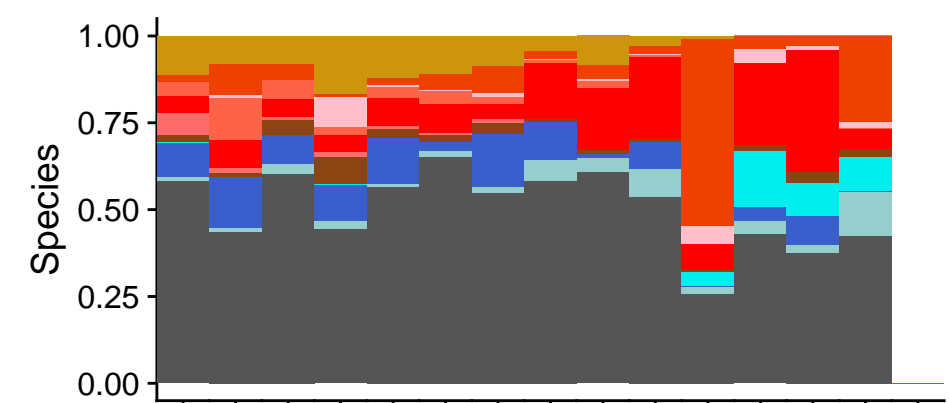
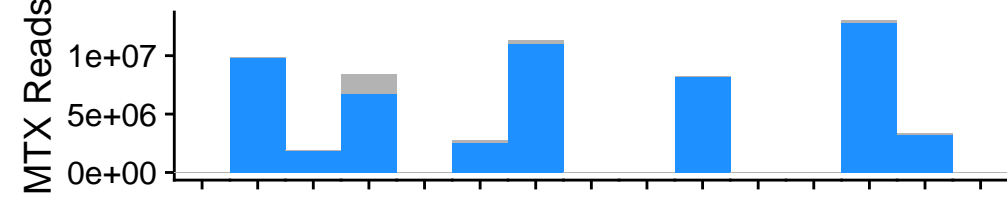
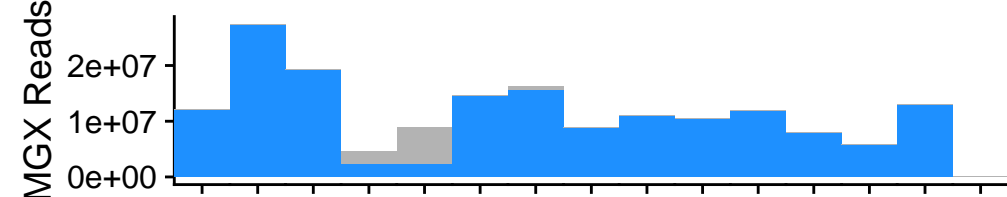
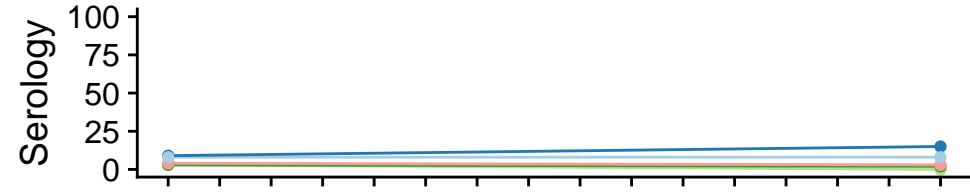
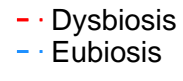
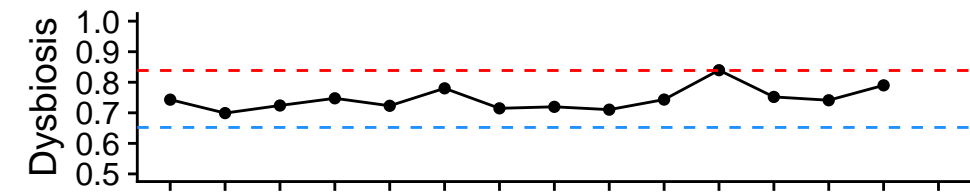
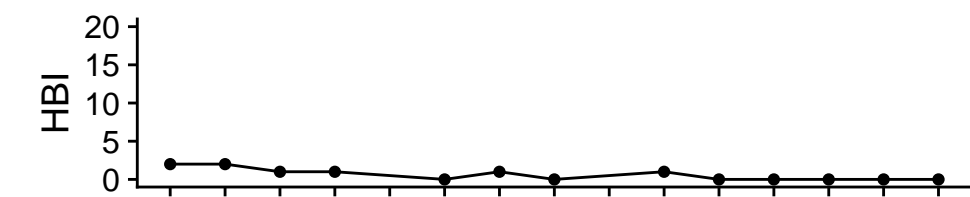
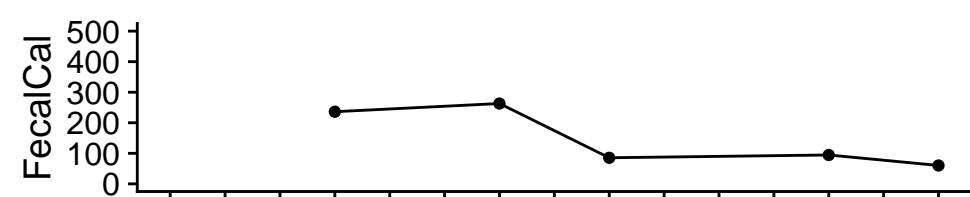
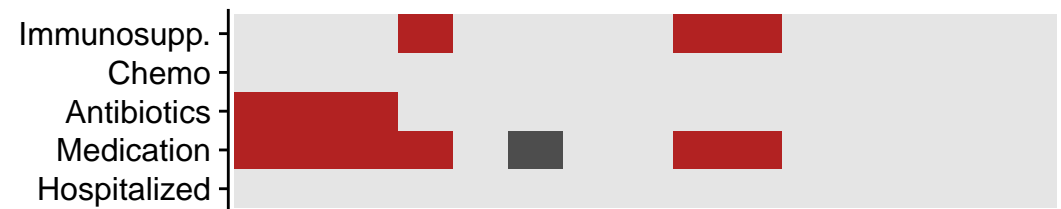
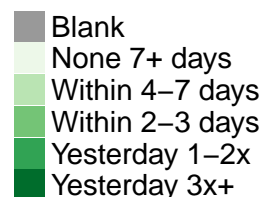
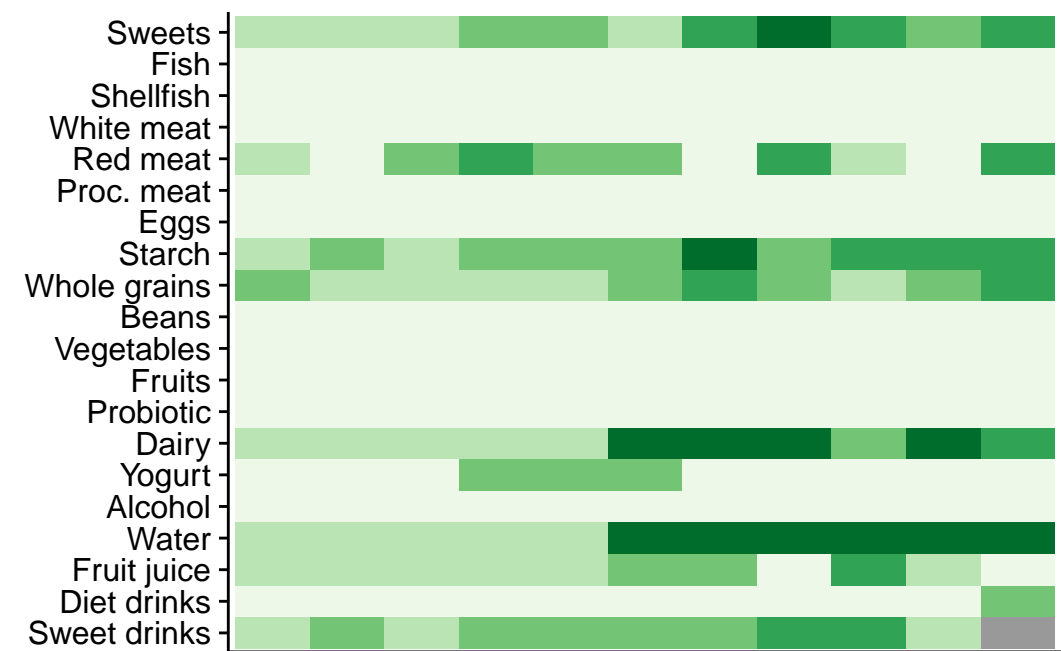
P6013: 6 Male White MGH Pediatrics | UC



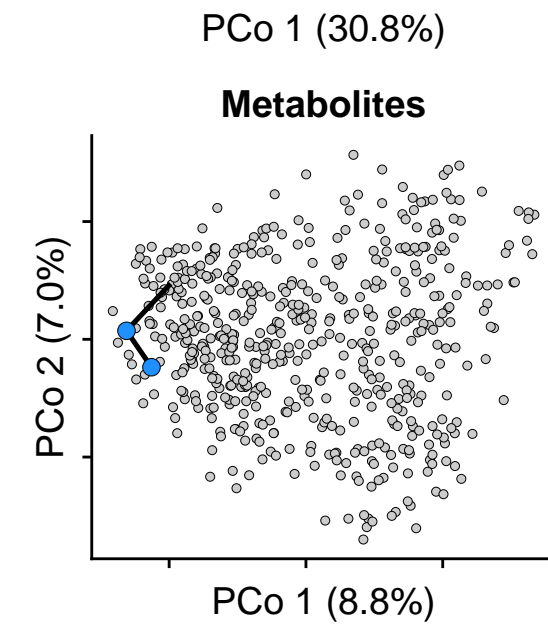
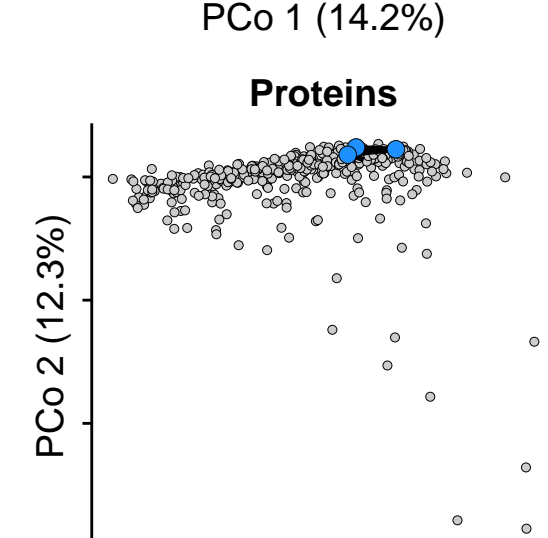
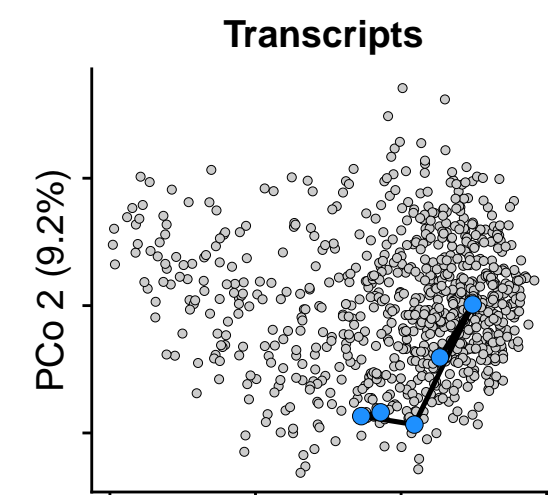
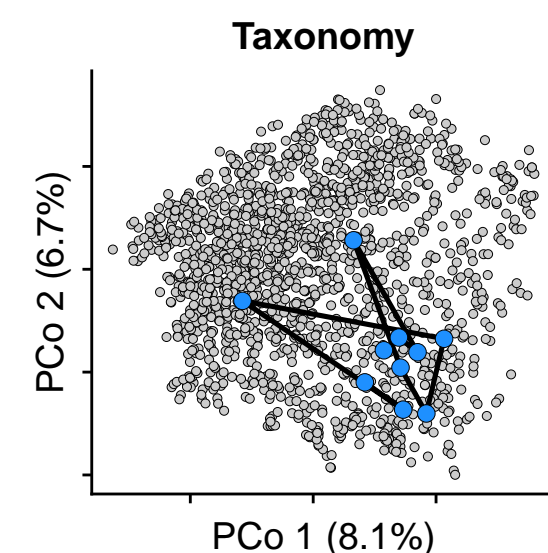
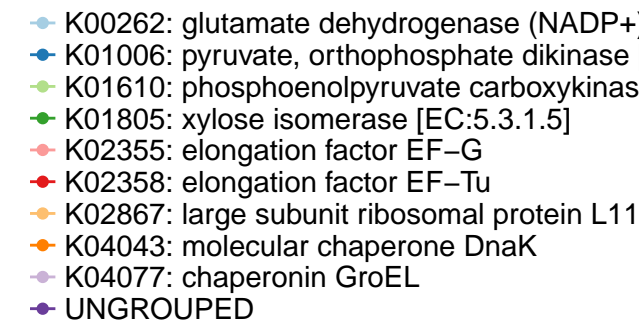
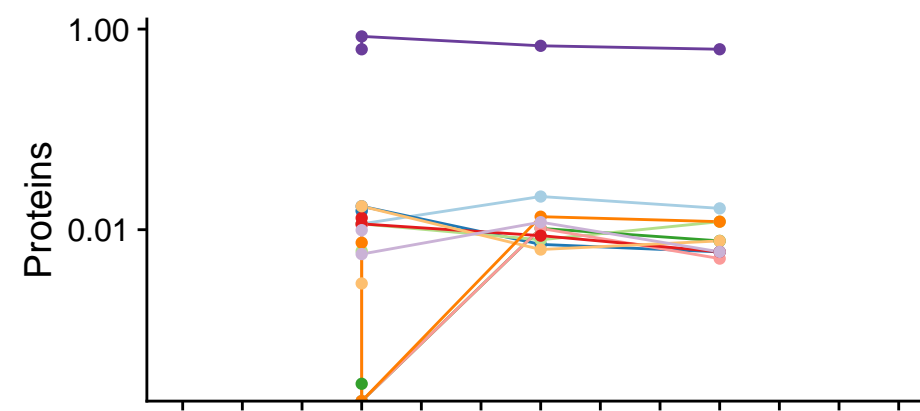
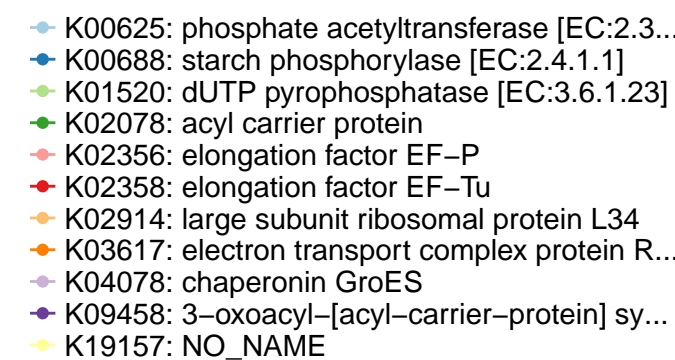
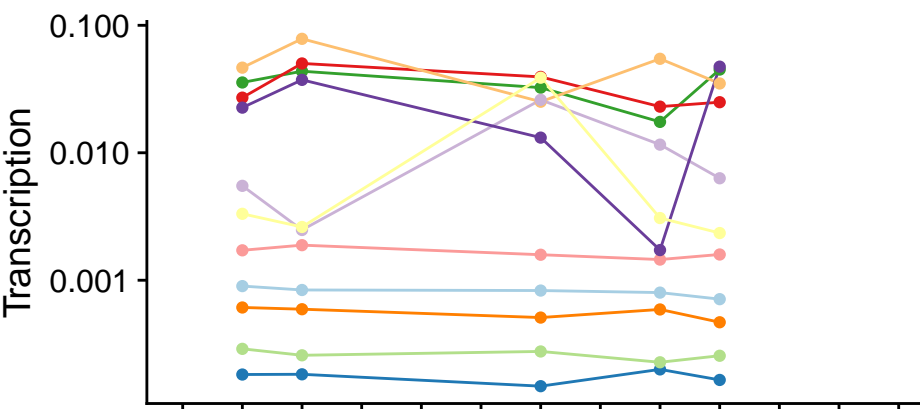
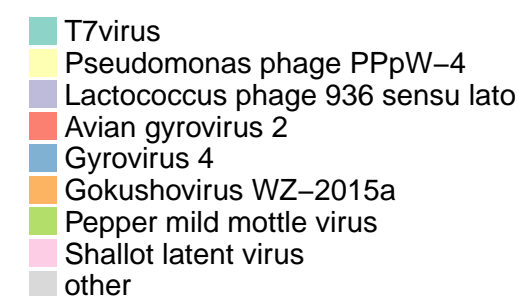
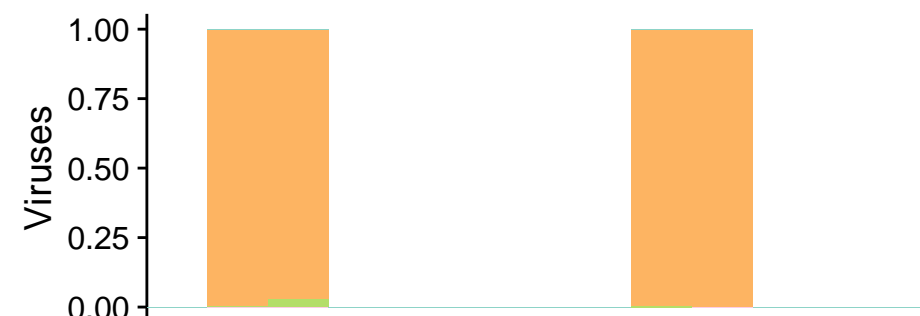
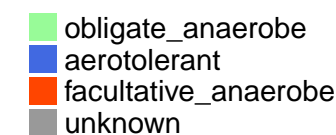
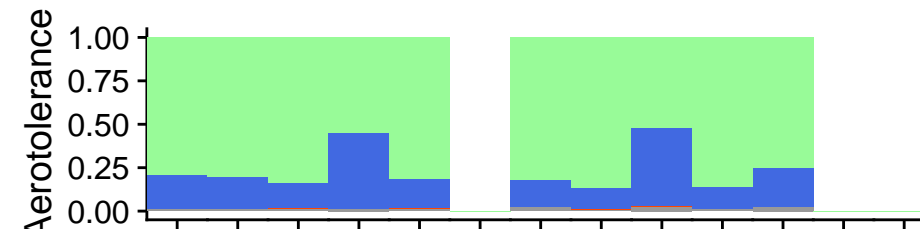
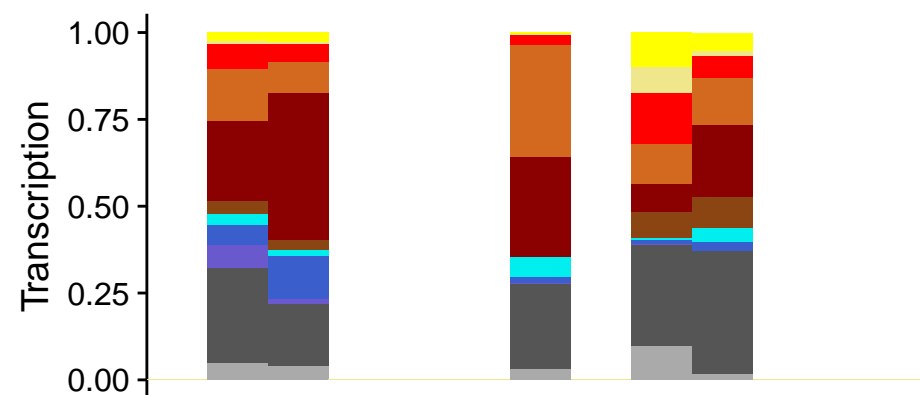
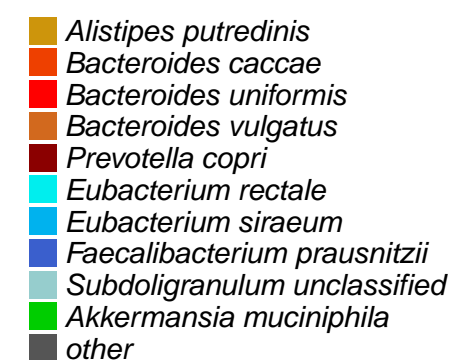
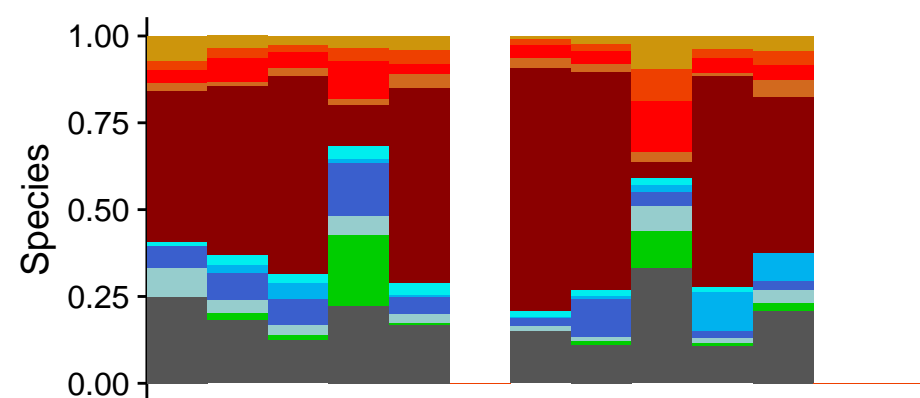
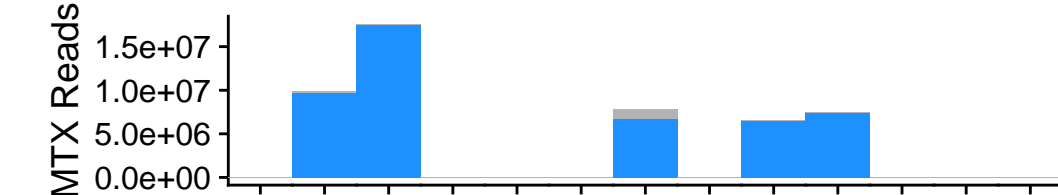
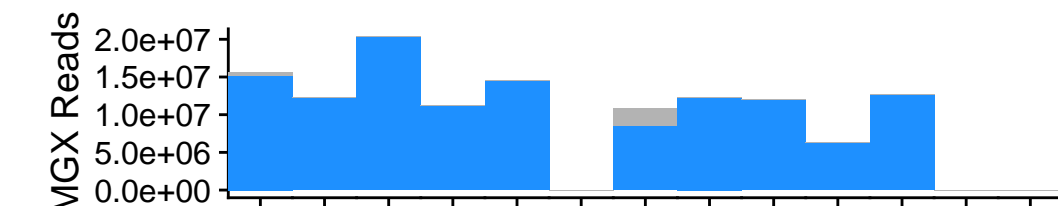
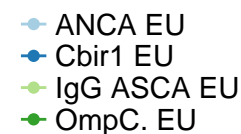
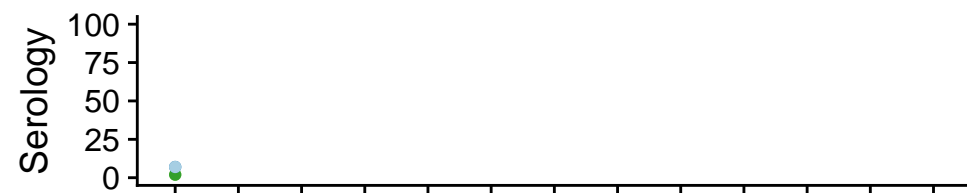
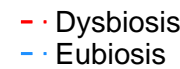
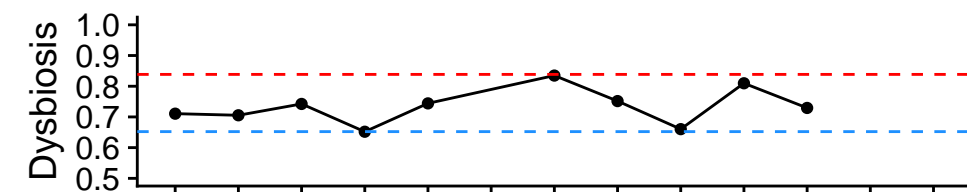
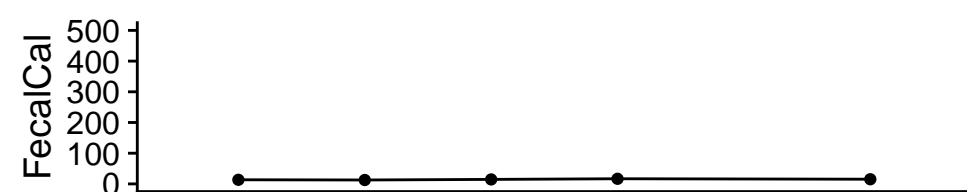
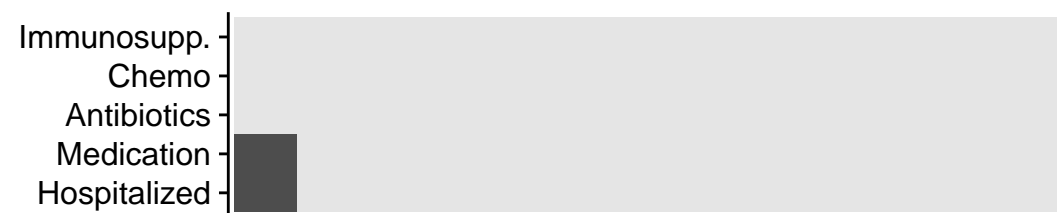
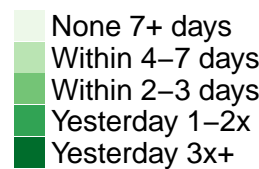
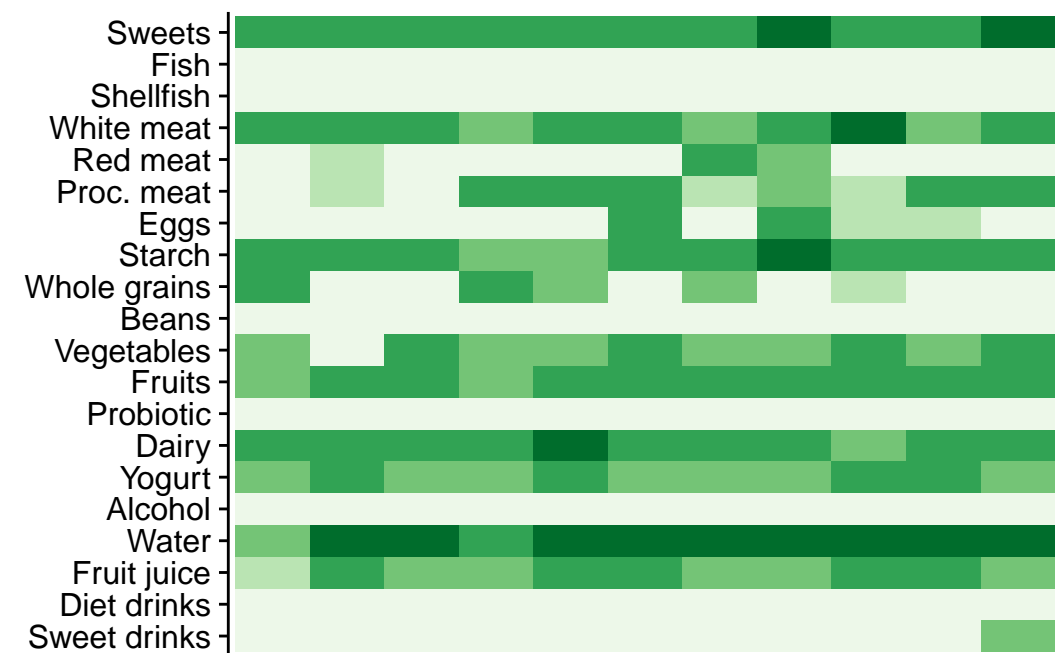
P6014: 15 Male White MGH Pediatrics | nonIBD



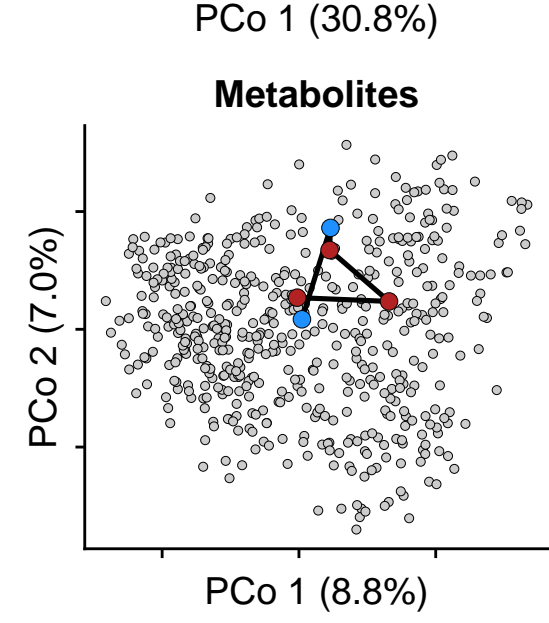
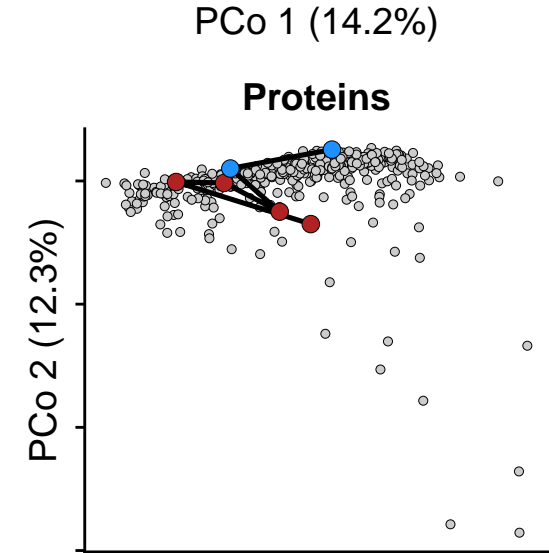
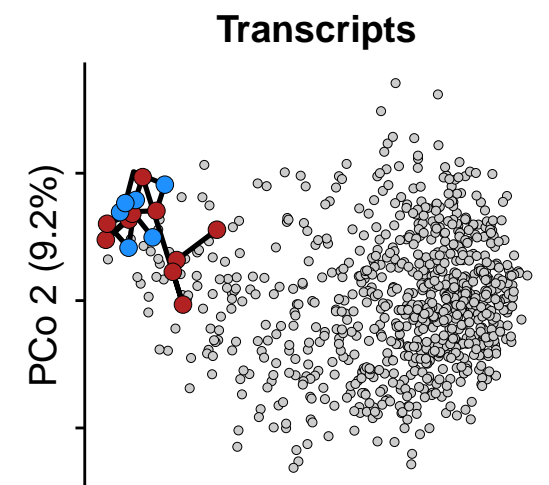
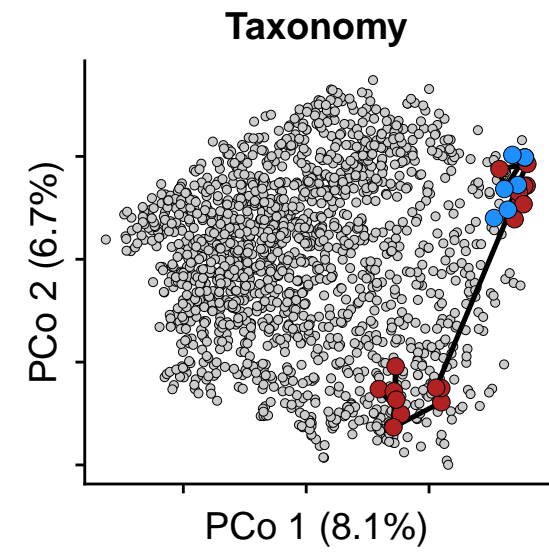
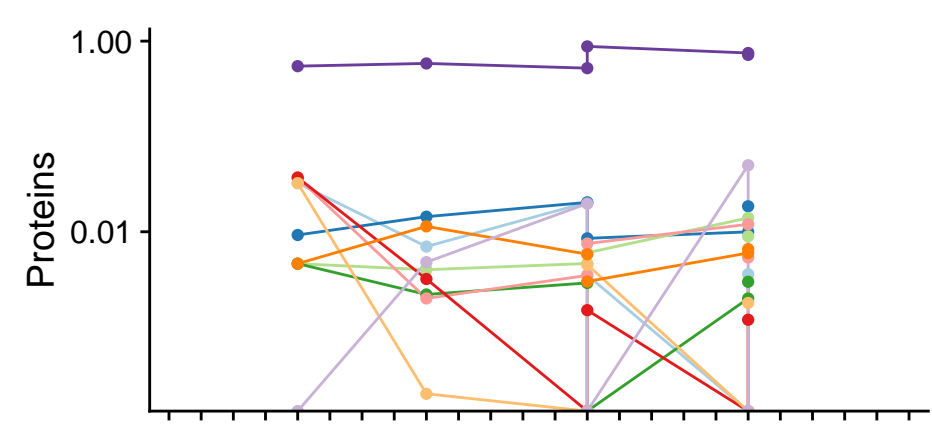
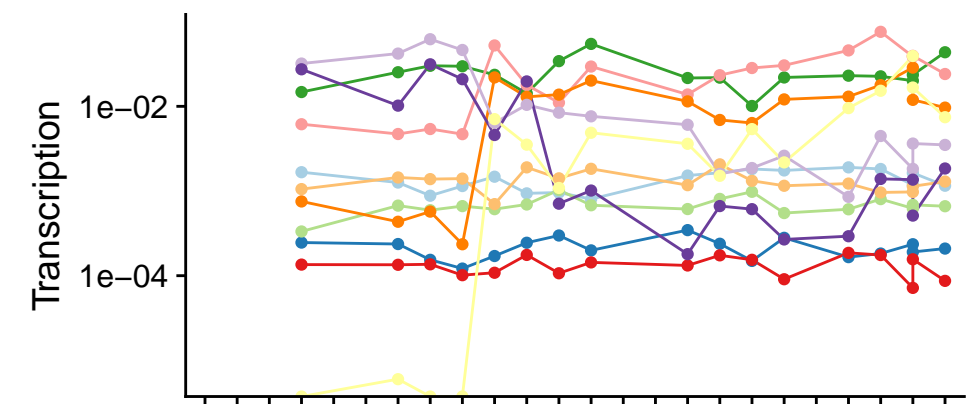
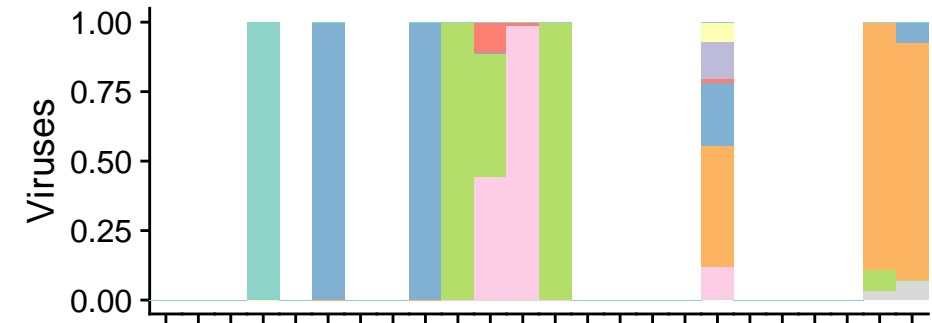
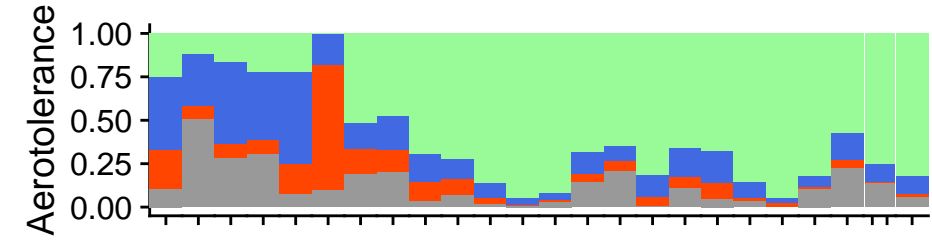
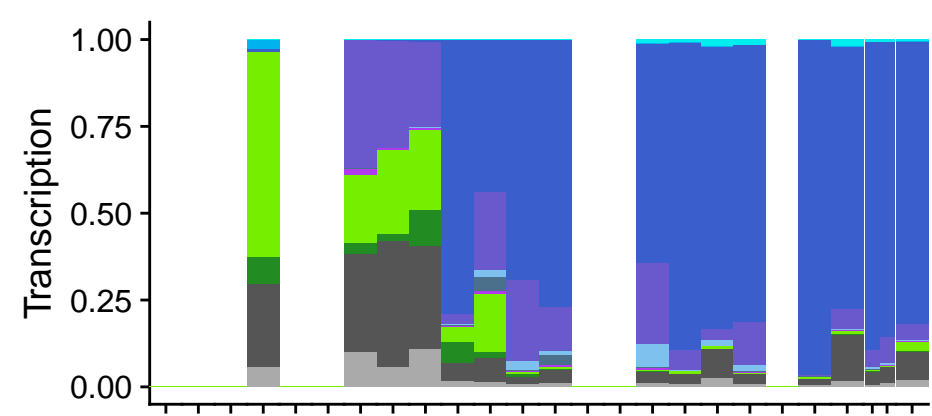
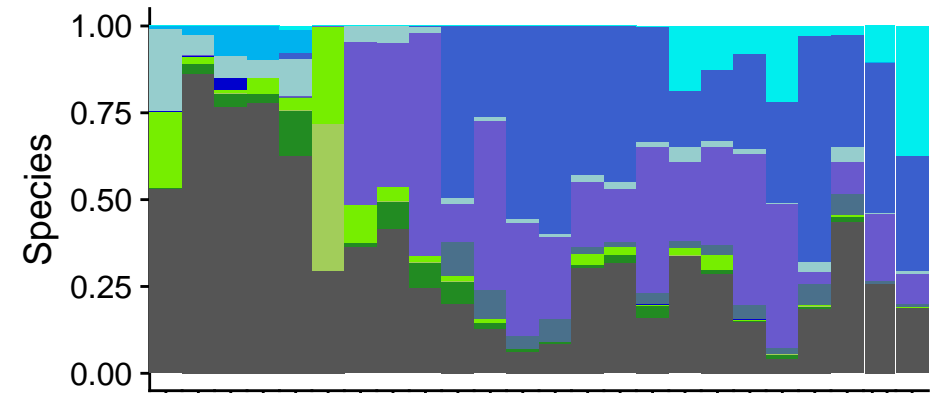
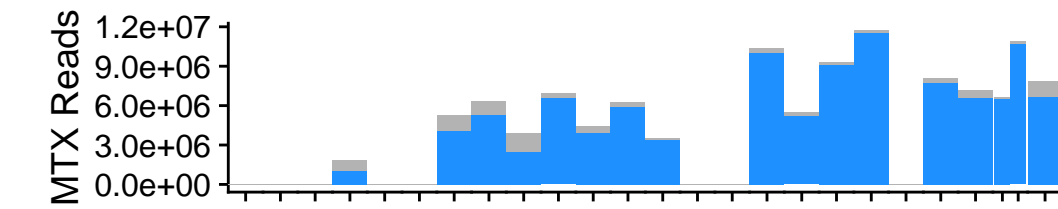
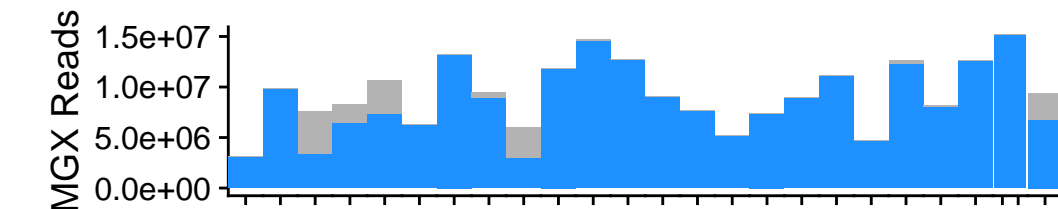
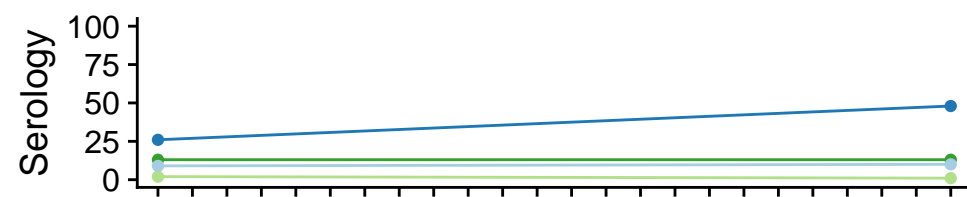
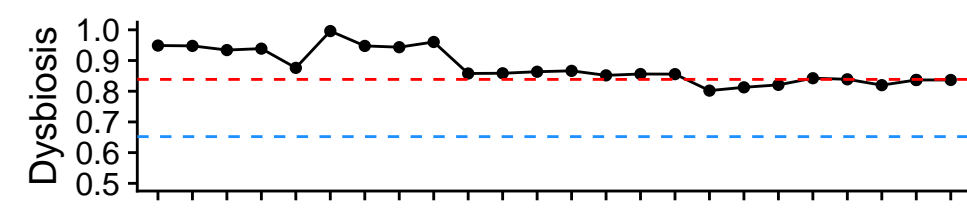
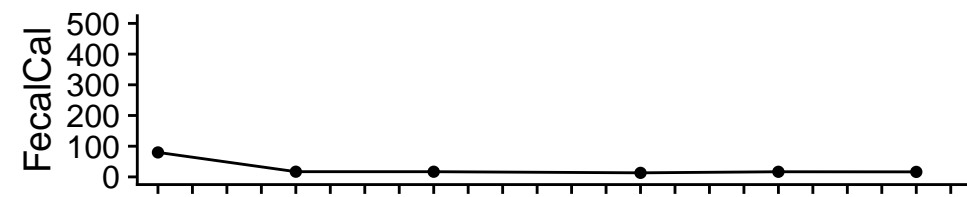
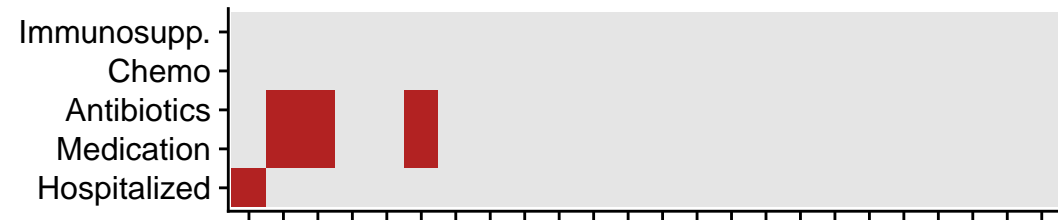
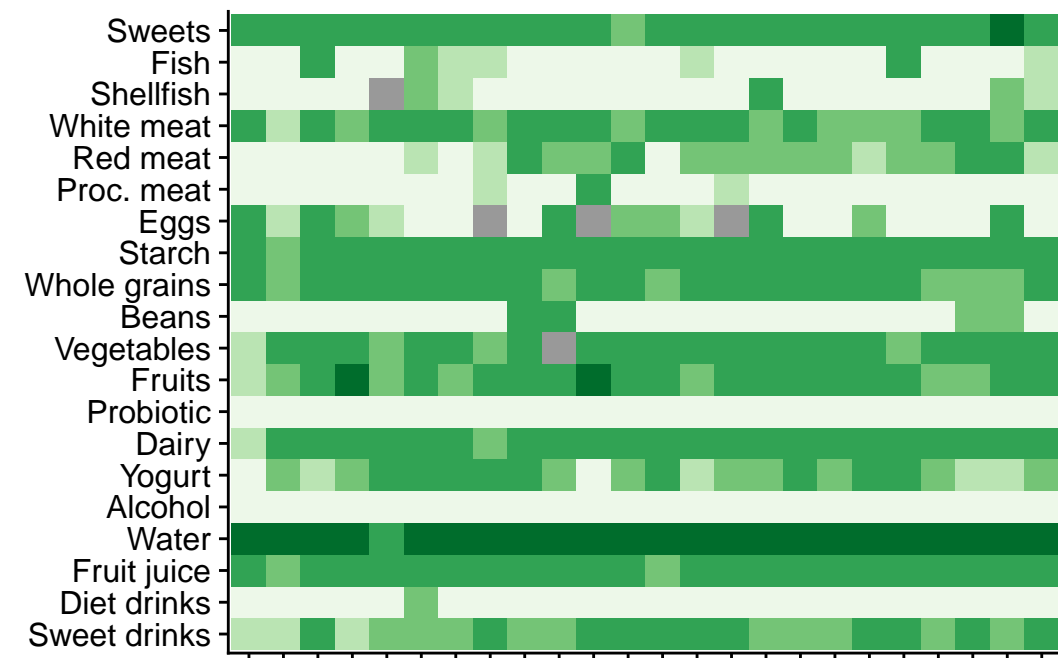
P6016: 16 Male White MGH Pediatrics | CD L3+L4



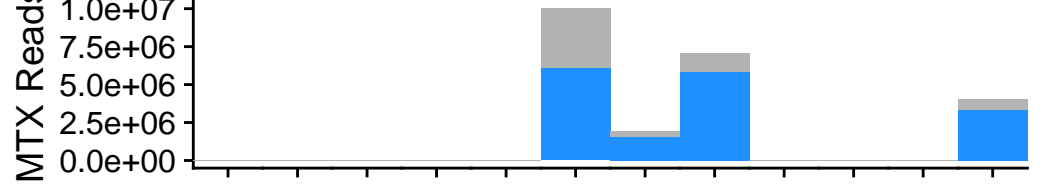
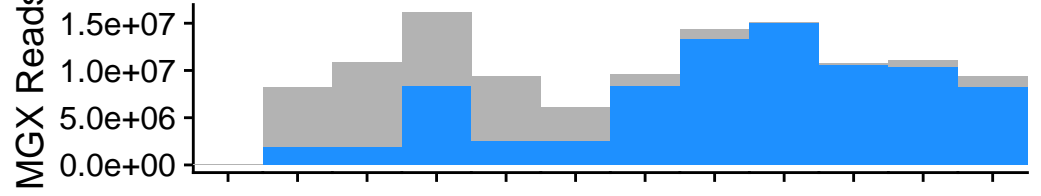
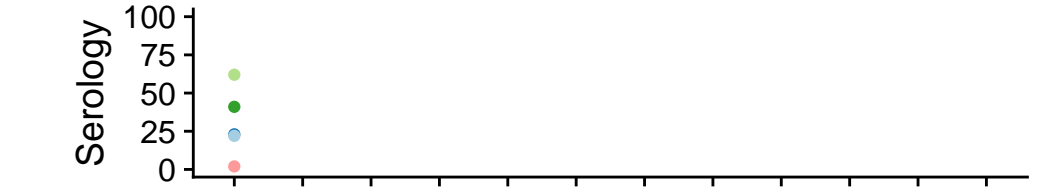
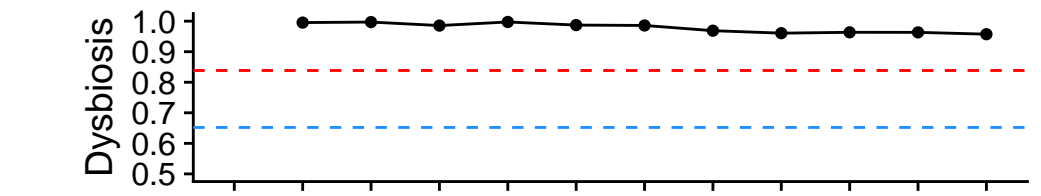
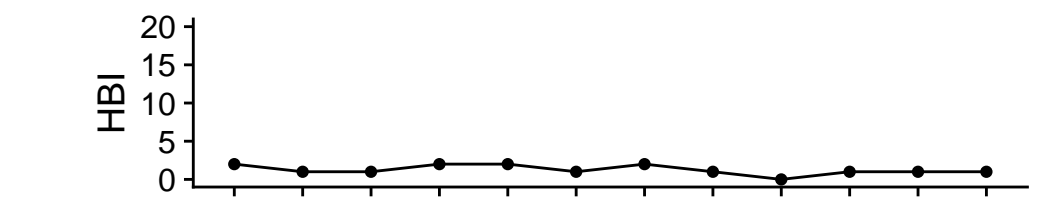
P6017: 11 Male White MGH Pediatrics | nonIBD



P6018: 17 Female White MGH Pediatrics | nonIBD



P6024: 16 Male American Indian or Alaska Native MGH Pediatrics | CD L3+L4



Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

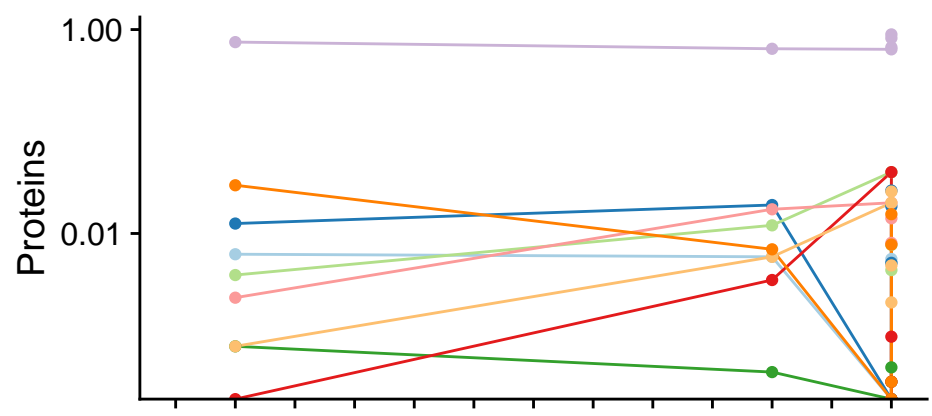
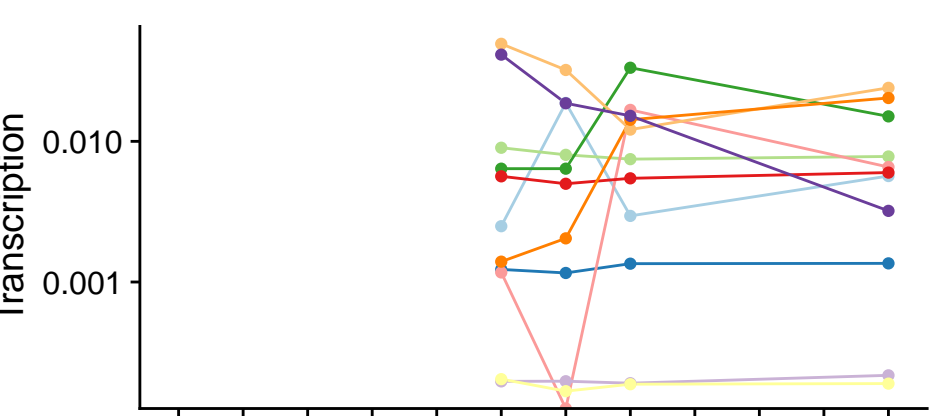
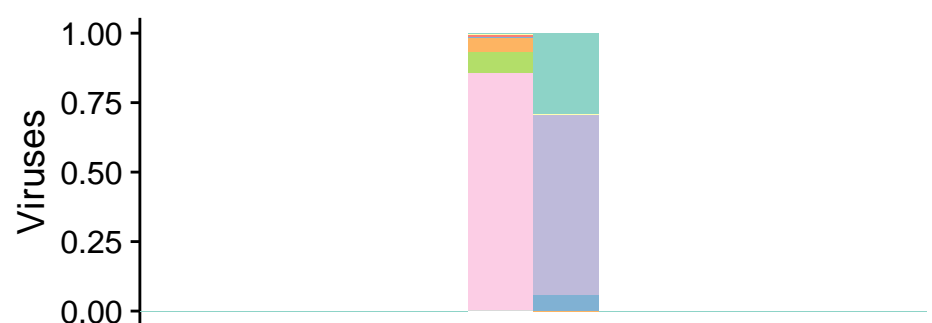
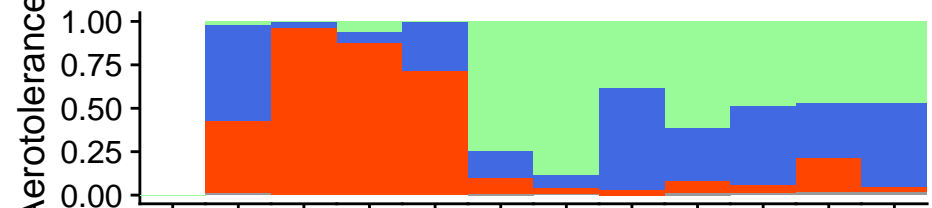
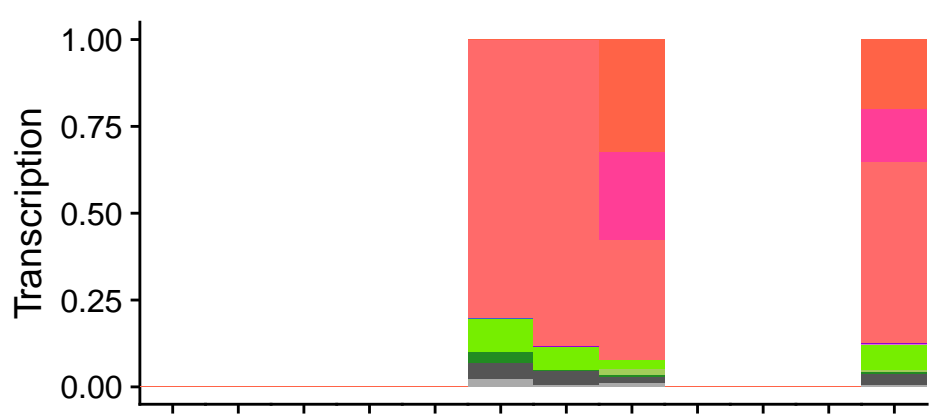
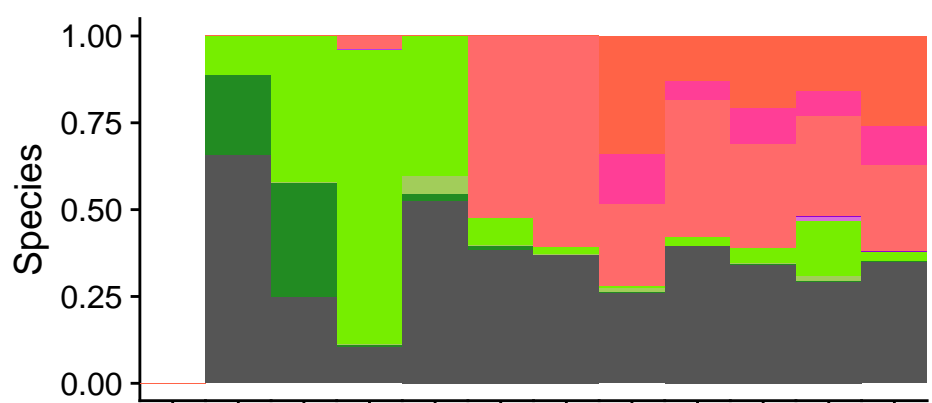
Yes
No

Dysbiosis
Eubiosis

ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU

Human
Filtered

Human
Filtered



Bacteroides ovatus
Bacteroides xylanisolvens
Parabacteroides distasonis
Subdoligranulum unclassified
Ruminococcus torques
Ruminococcus obeum
Lachnospiraceae bacterium 5 1 63FAA
Escherichia coli
Klebsiella pneumoniae
Haemophilus parainfluenzae
other

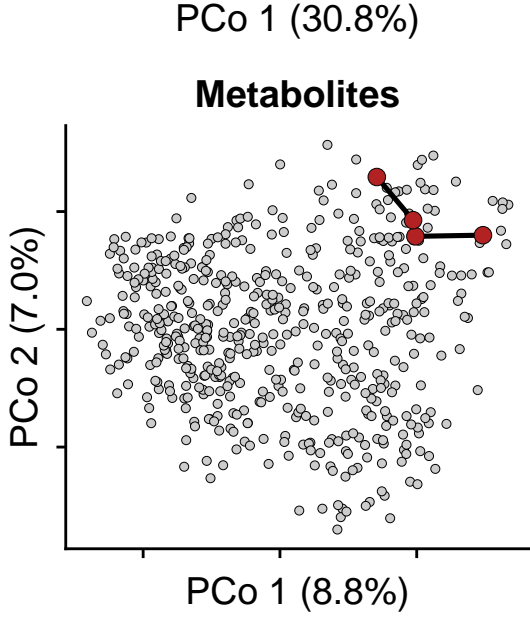
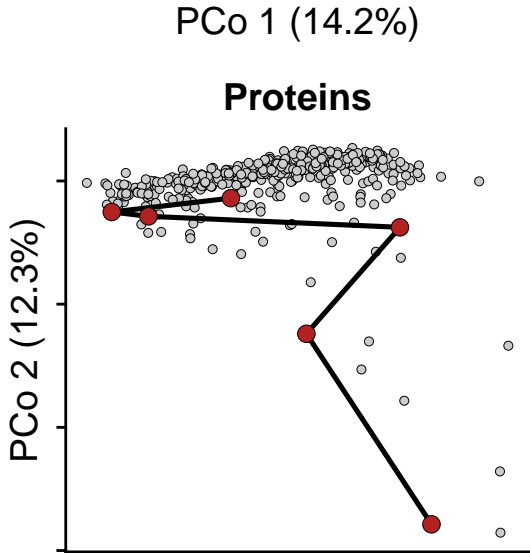
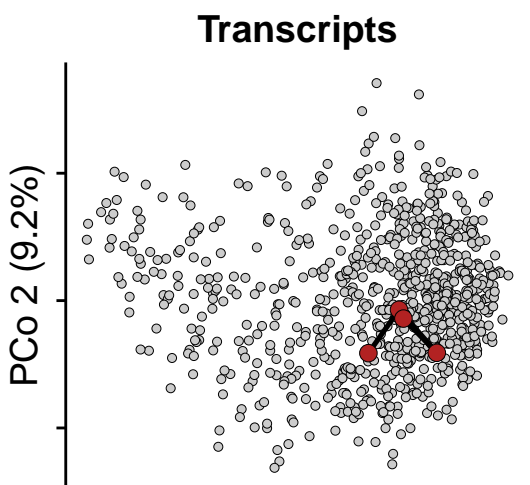
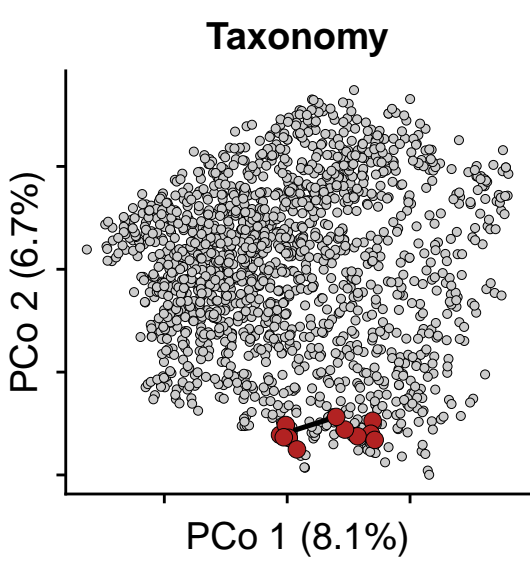
Bacteroides ovatus
Bacteroides xylanisolvens
Parabacteroides distasonis
Faecalibacterium prausnitzii
Ruminococcus obeum
Lachnospiraceae bacterium 5 1 63FAA
Escherichia coli
Klebsiella pneumoniae
Haemophilus parainfluenzae
other
unclassified

obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

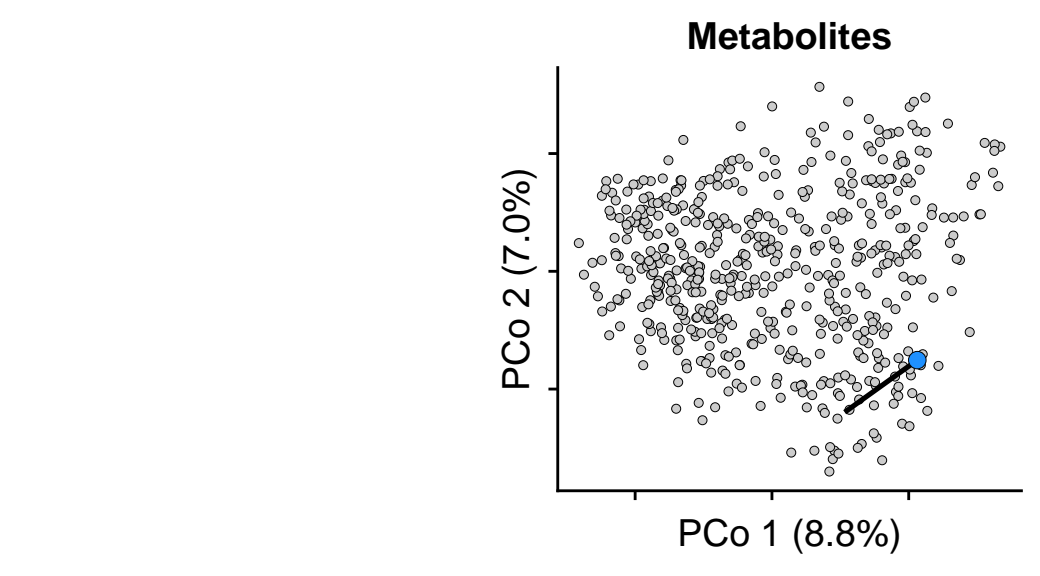
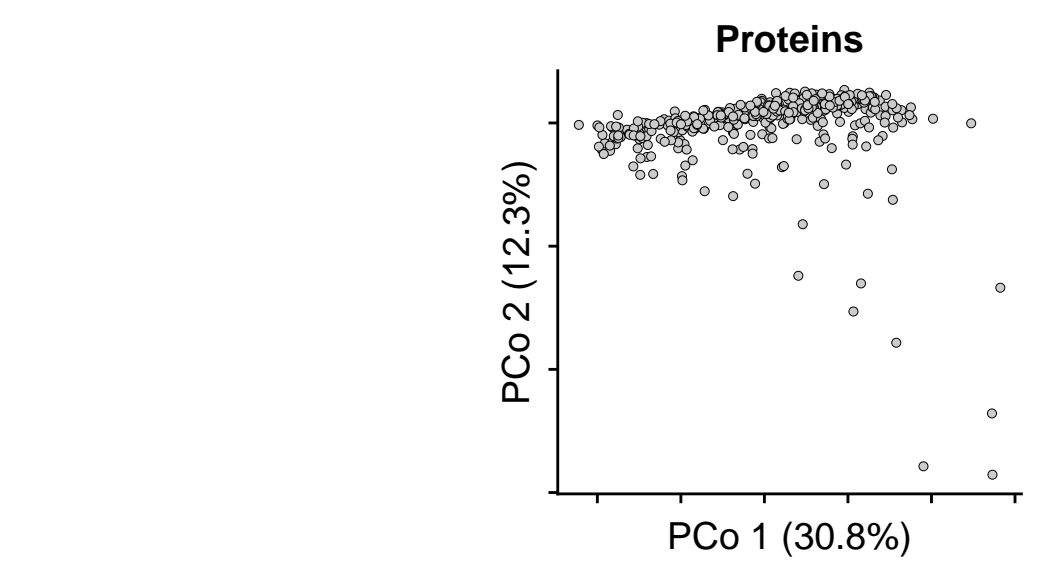
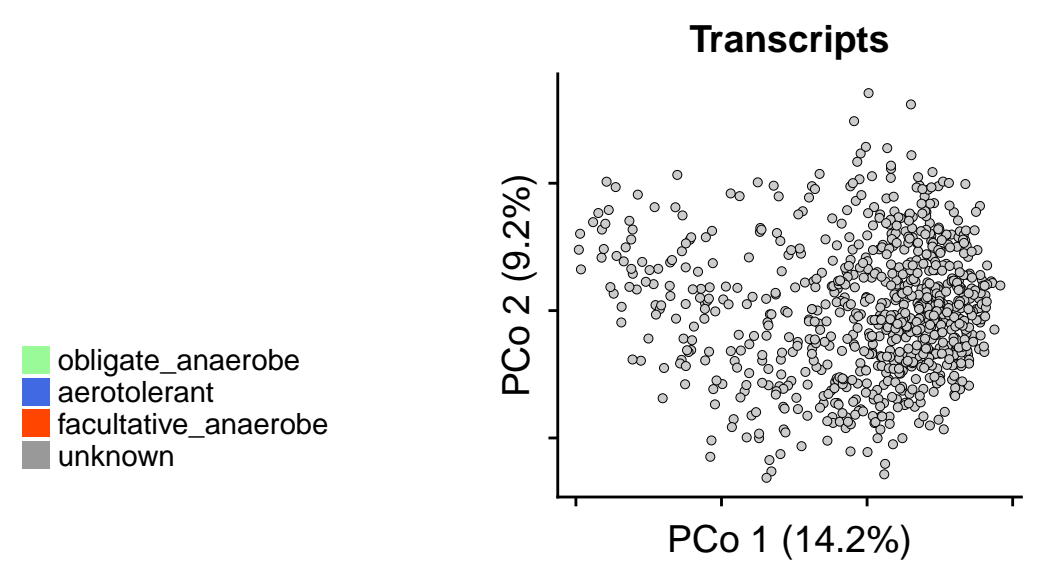
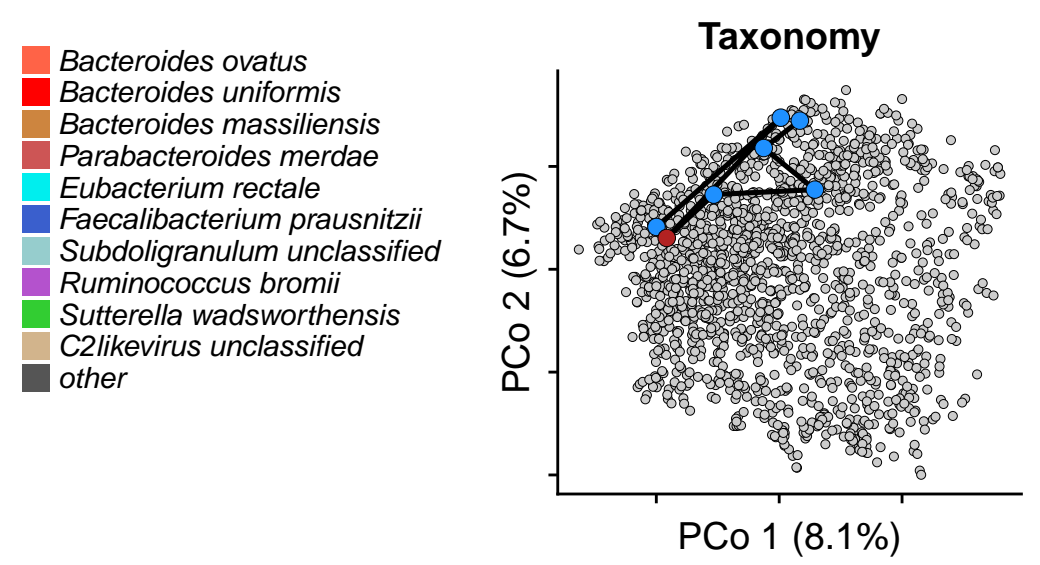
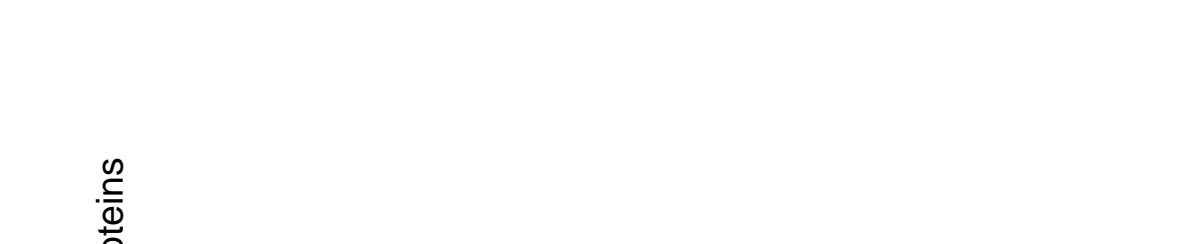
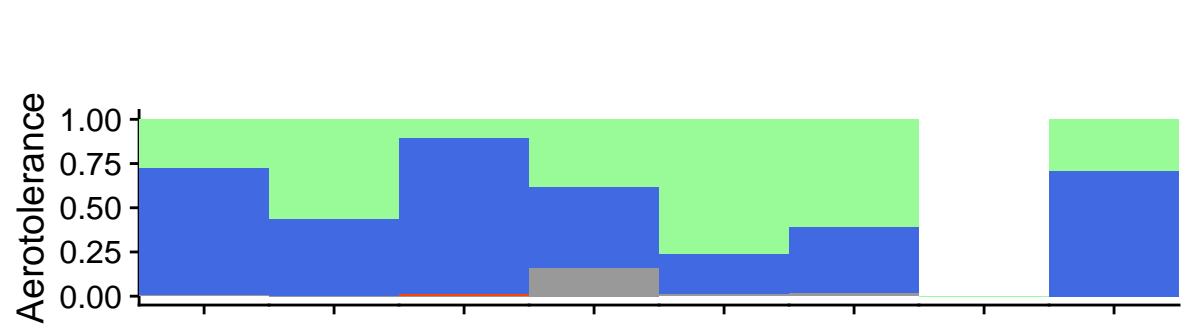
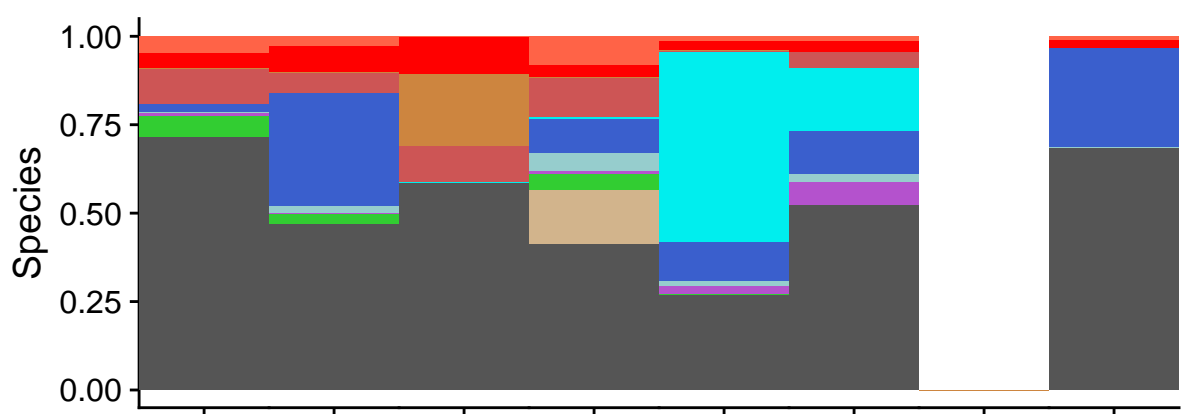
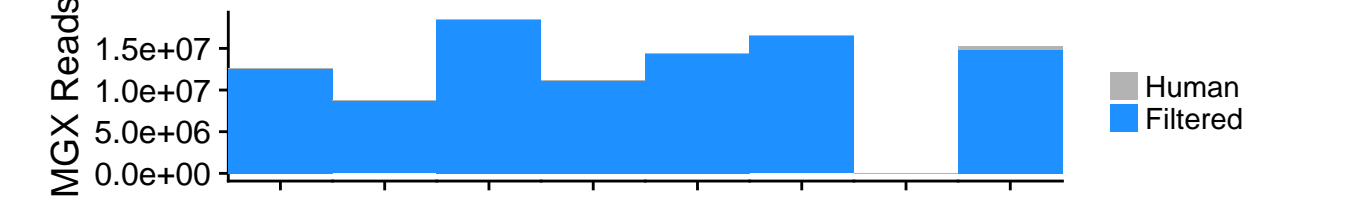
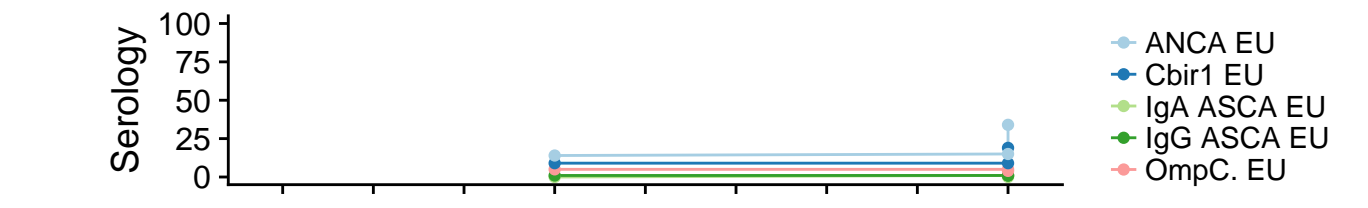
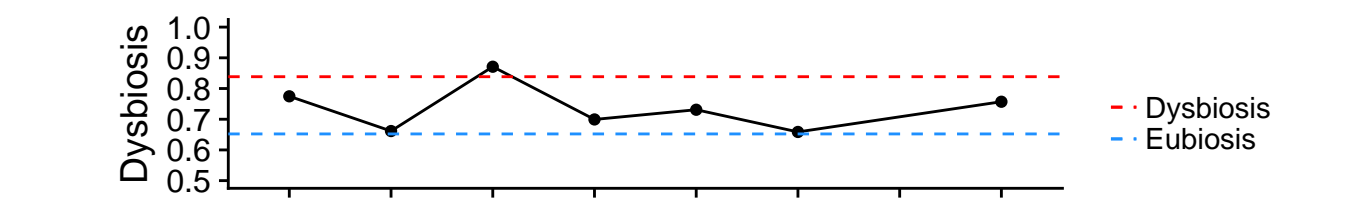
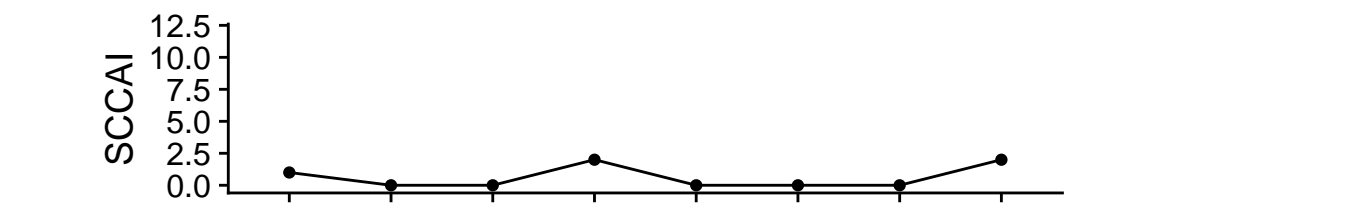
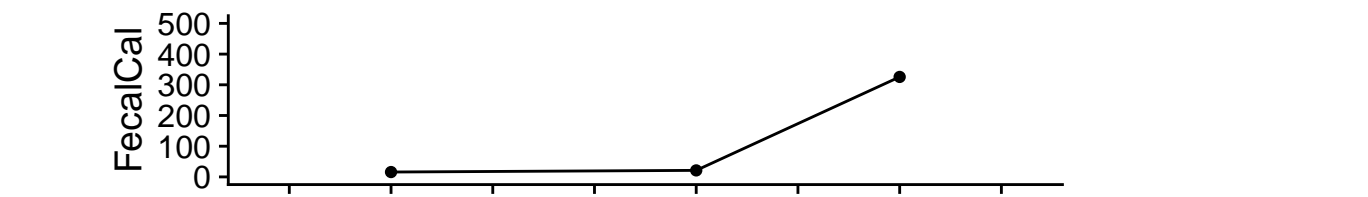
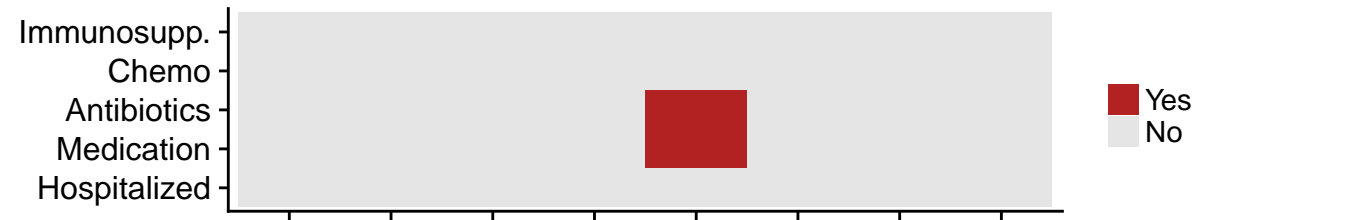
Pseudomonas phage phiIBB-PF7A
T7virus
Pseudomonas phage PPpW-4
Clostridium phage phi3626
Streptococcus phage YMC-2011
unclassified Siphoviridae
Bell pepper mottle virus
Pepper mild mottle virus
other

K00058: D-3-phosphoglycerate dehydrogen...
K01572: oxaloacetate decarboxylase, beta su...
K01610: phosphoenolpyruvate carboxykinase...
K02078: acyl carrier protein
K02919: large subunit ribosomal protein L36
K02931: large subunit ribosomal protein L5
K03073: preprotein translocase subunit SecE
K03088: RNA polymerase sigma-70 factor, E...
K04764: integration host factor subunit alpha
K06199: CrcB protein
K09802: hypothetical protein

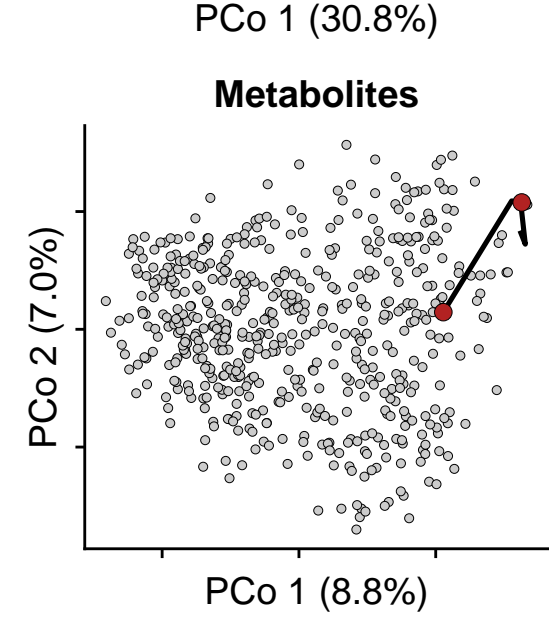
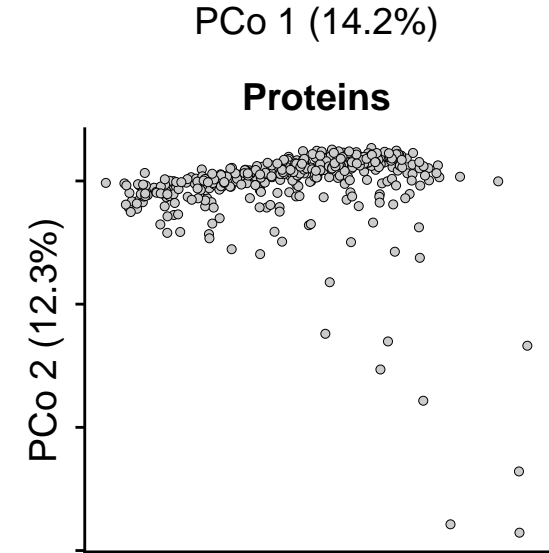
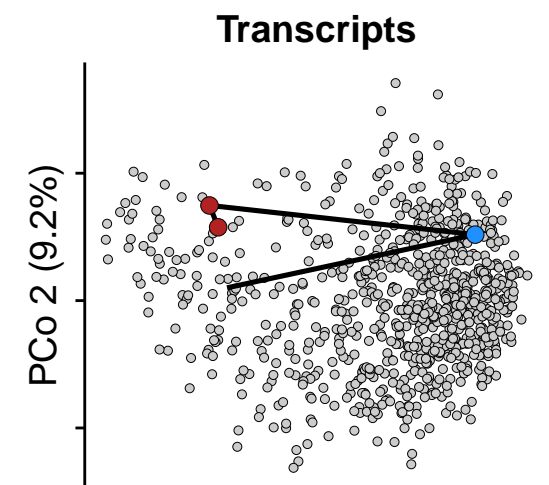
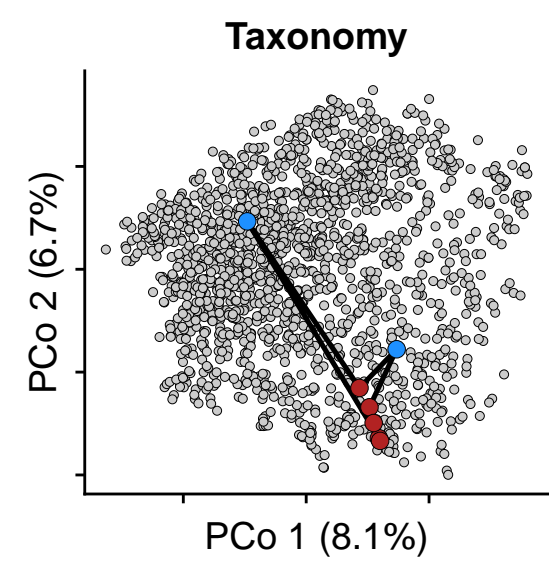
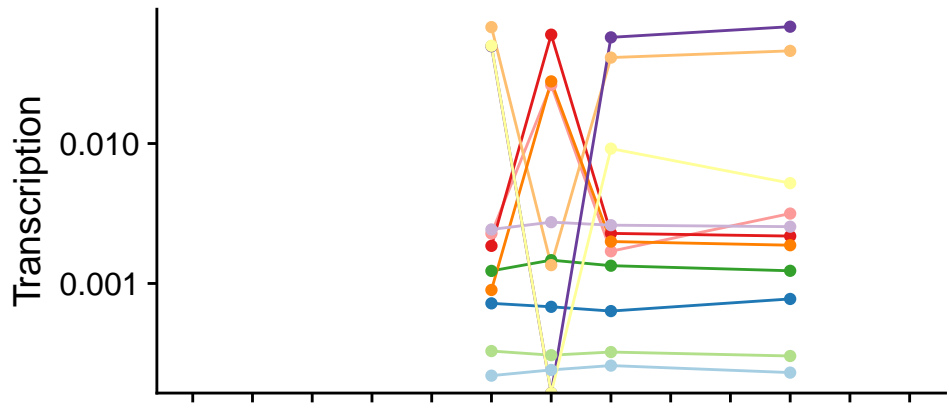
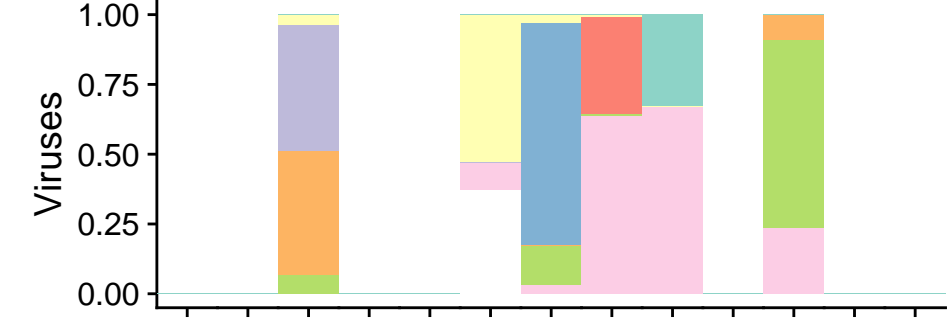
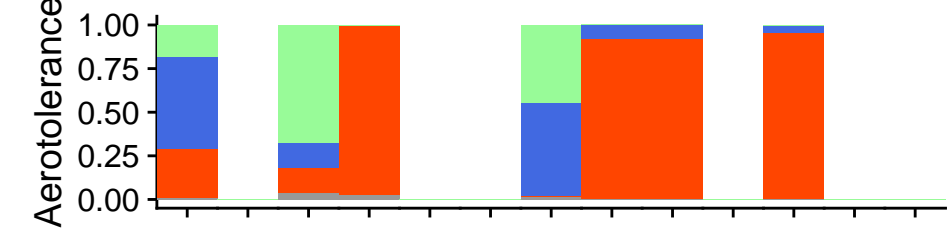
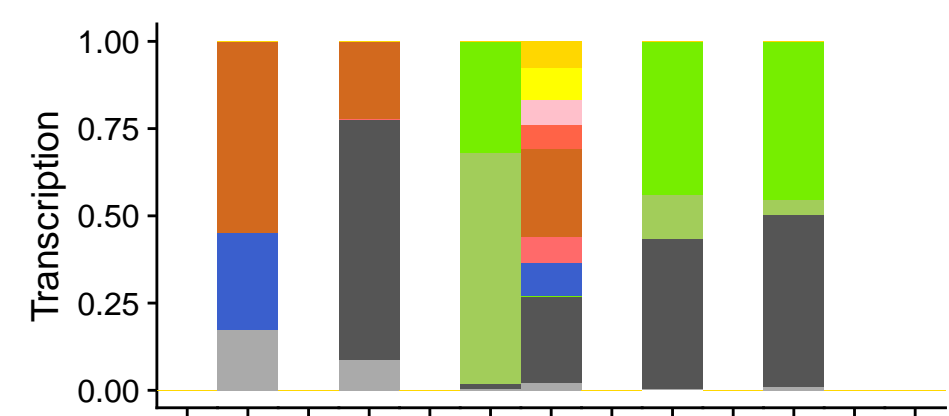
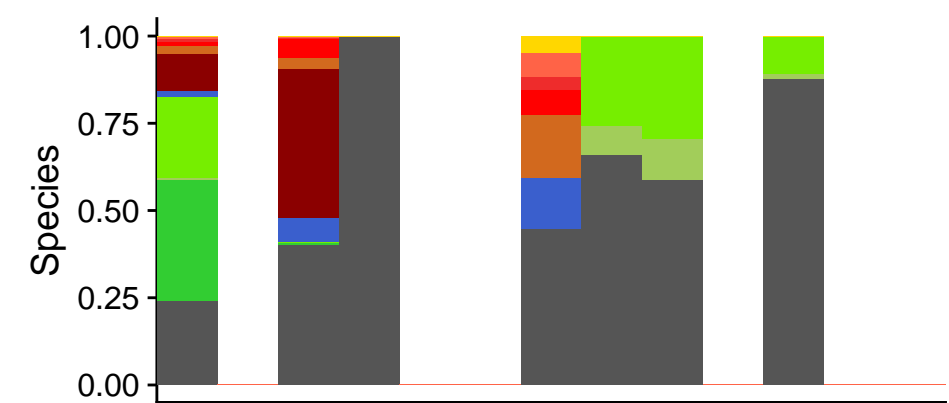
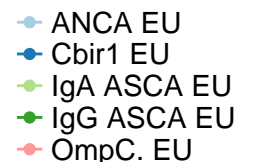
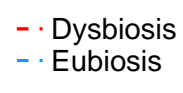
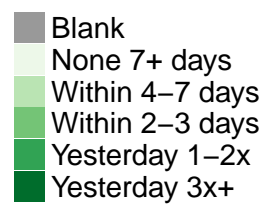
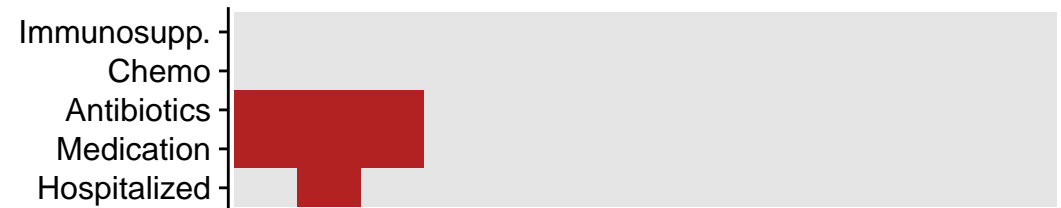
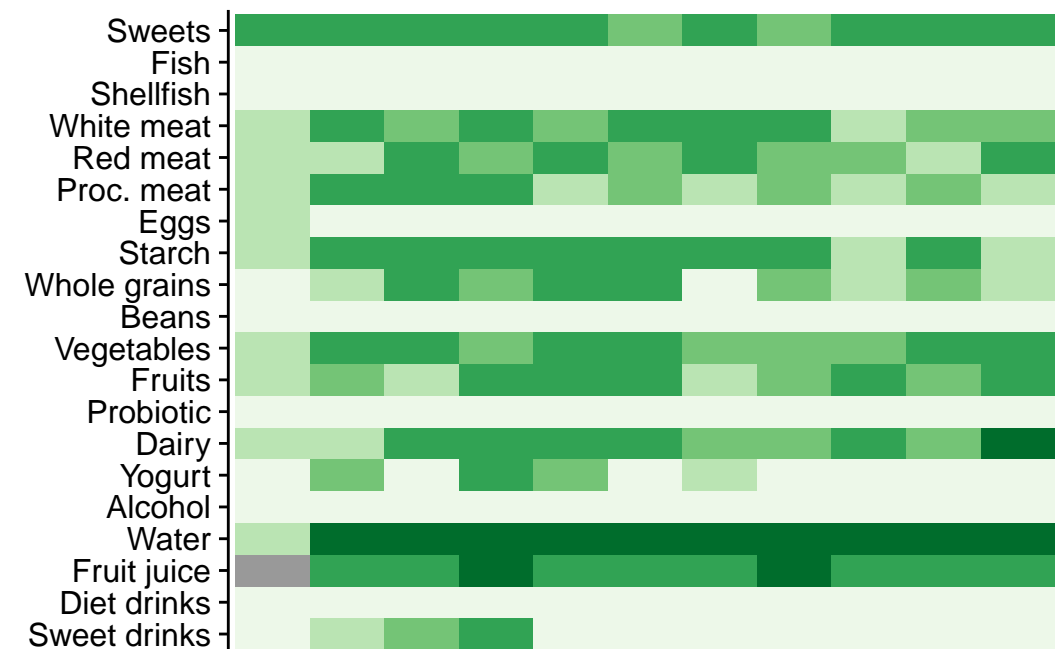
K00239: succinate dehydrogenase / fumarate...
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01790: dTDP-4-dehydrorhamnose 3,5-epi...
K02358: elongation factor EF-Tu
K02935: large subunit ribosomal protein L7/L...
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
UNGROUPED



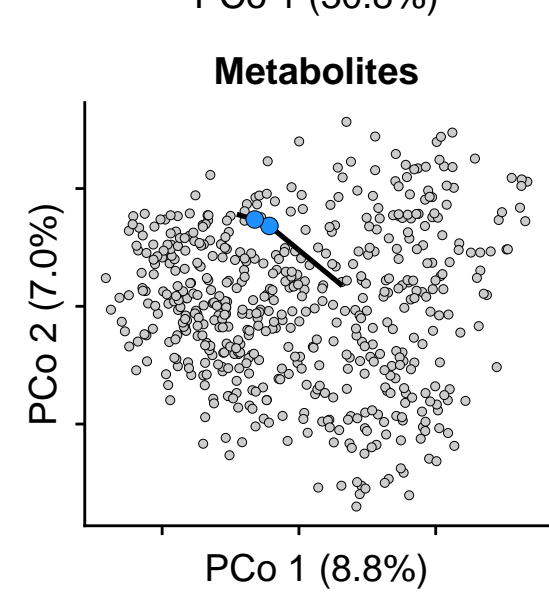
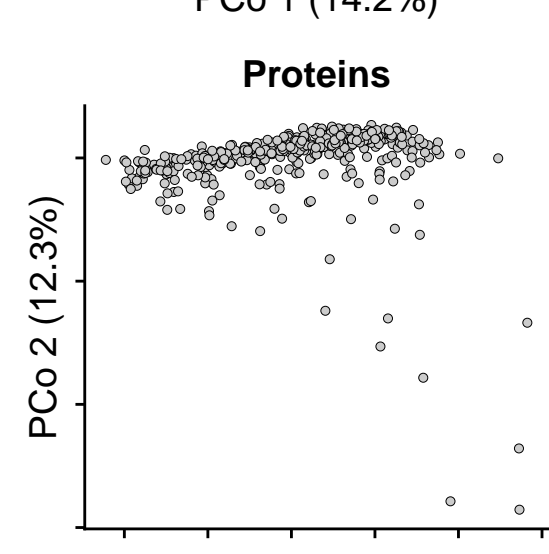
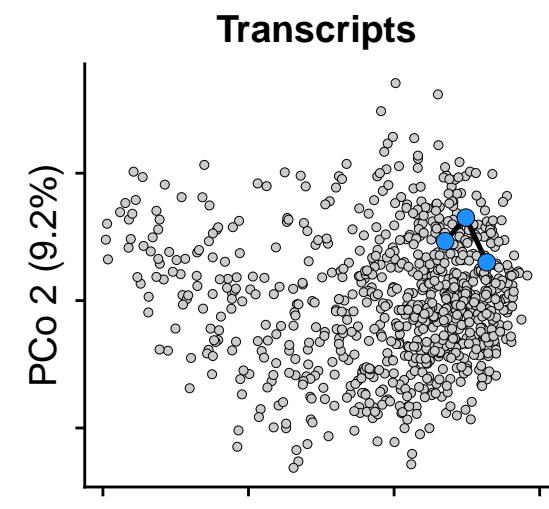
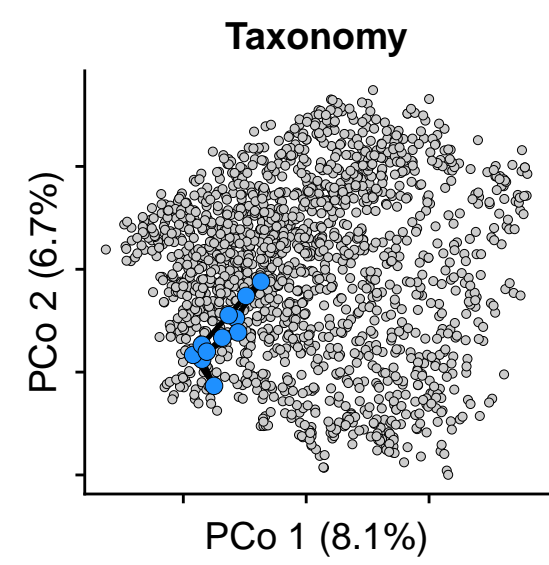
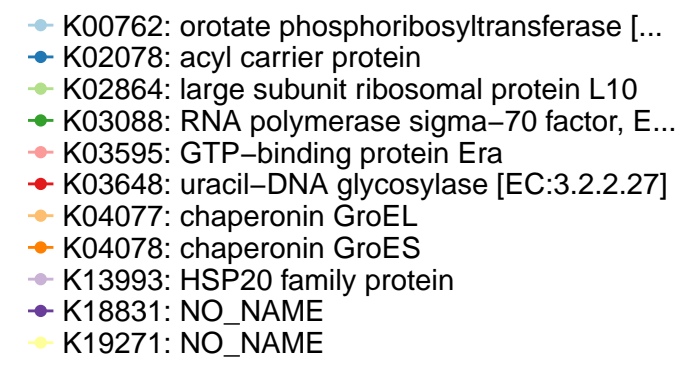
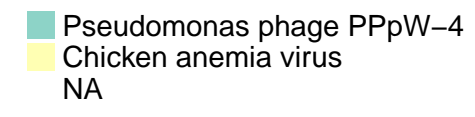
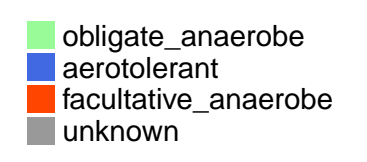
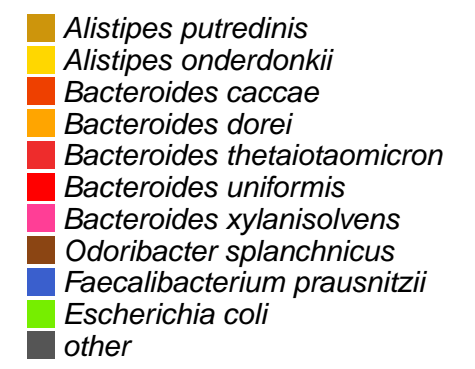
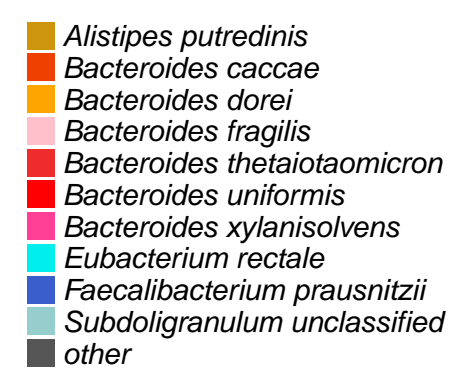
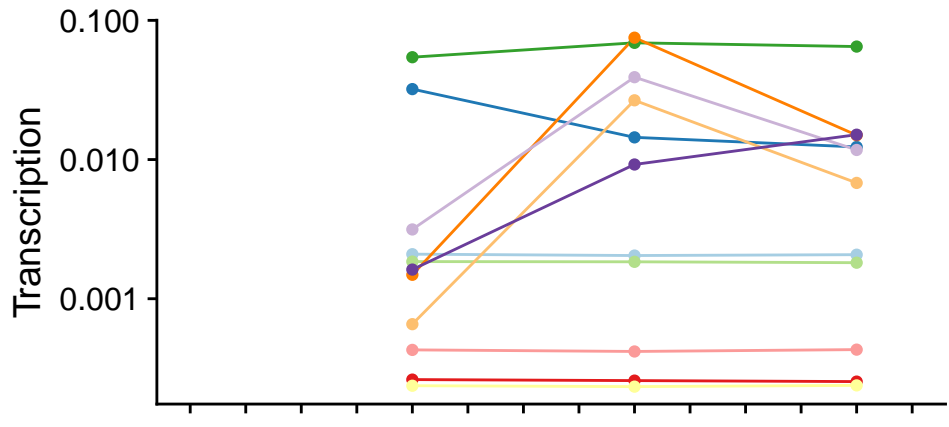
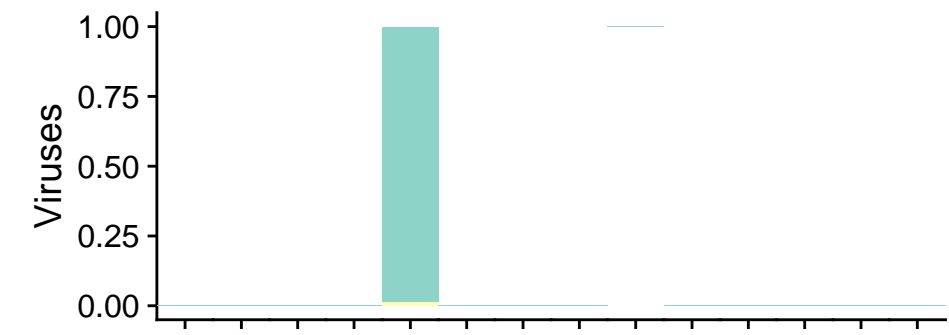
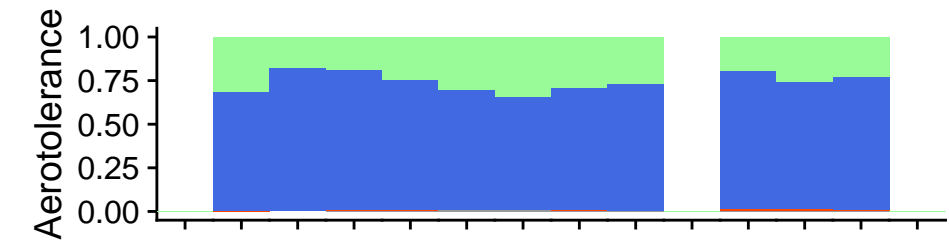
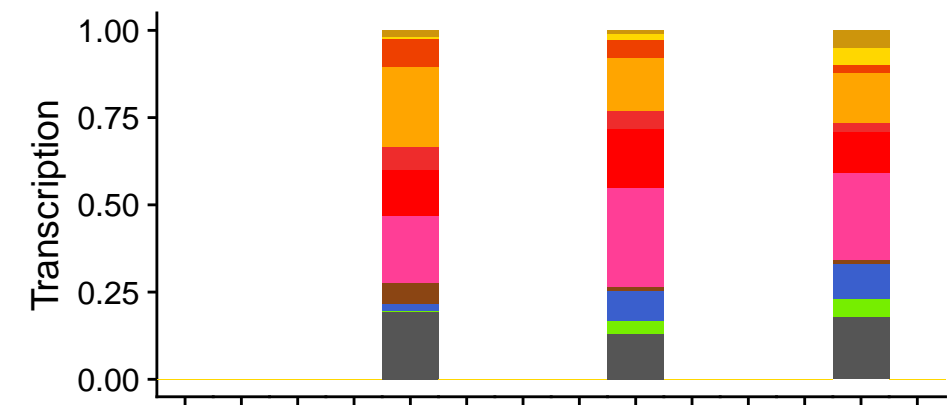
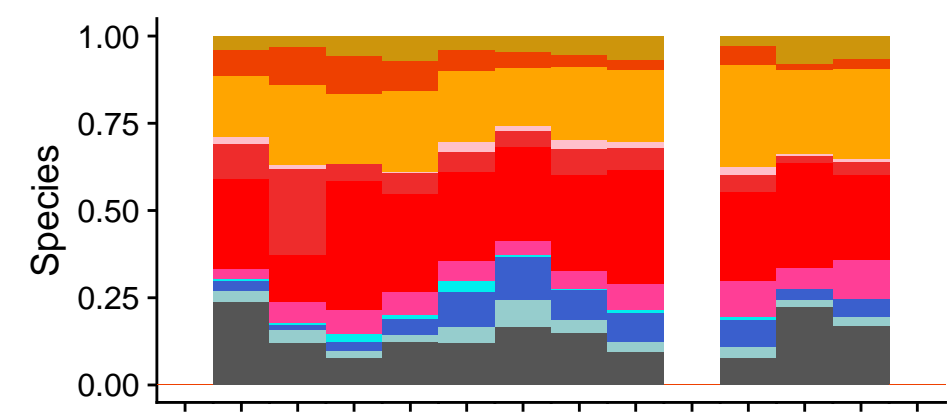
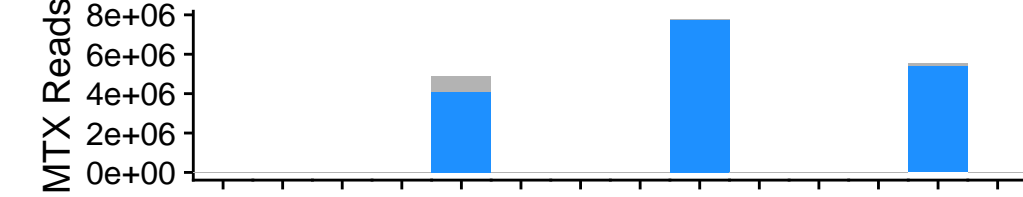
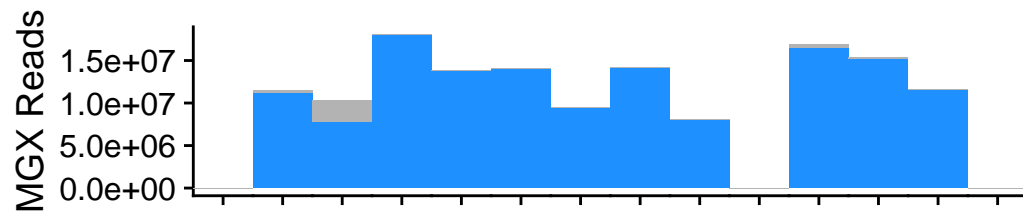
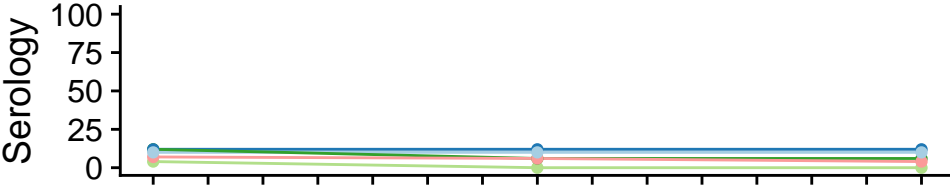
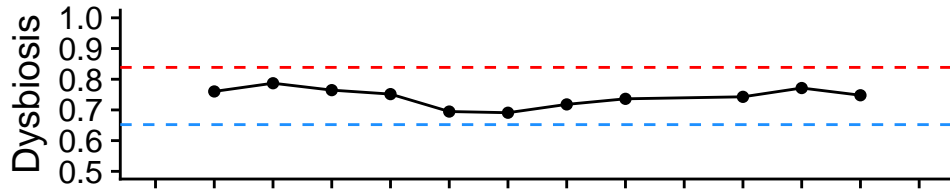
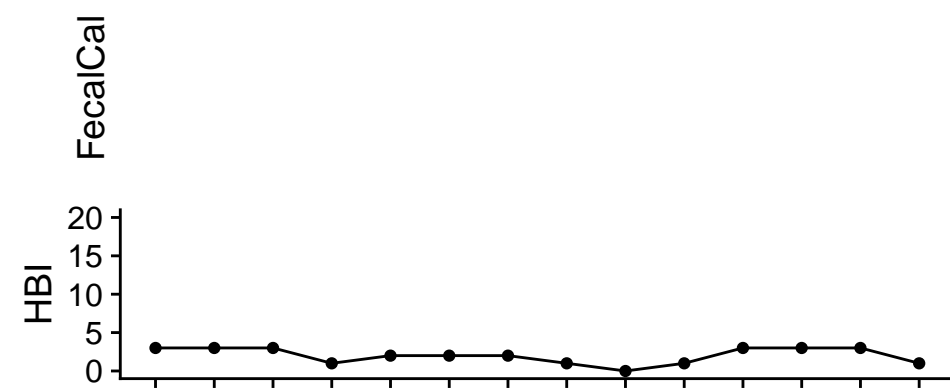
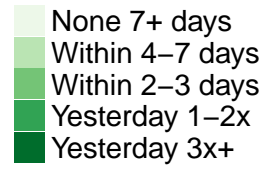
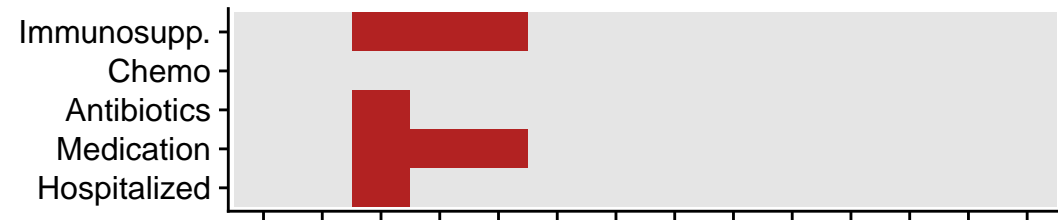
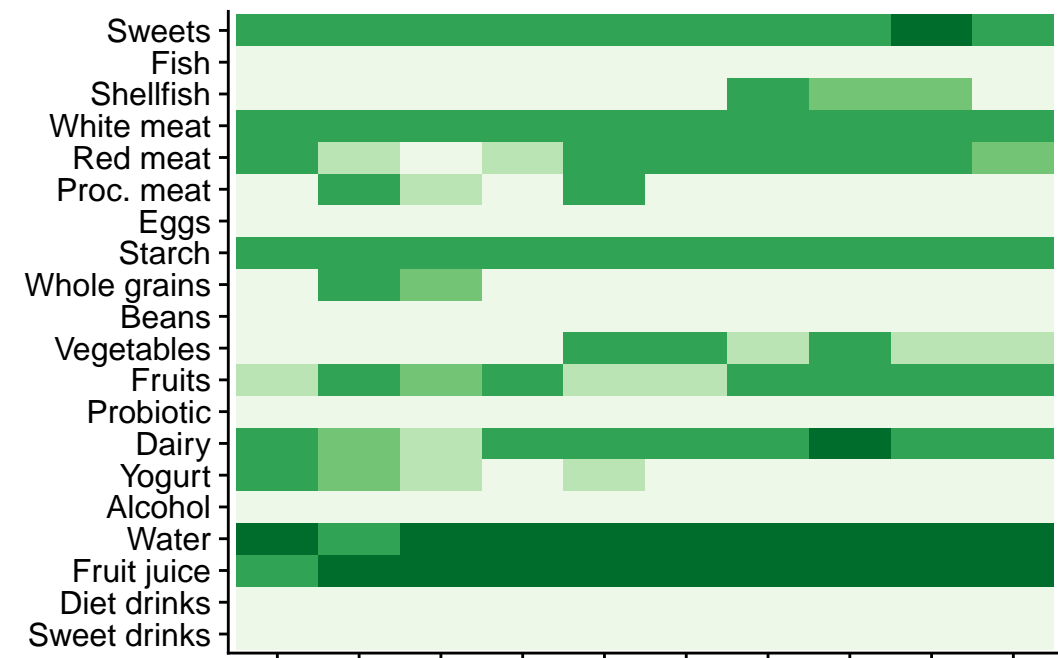
P6025: 17 Male White MGH Pediatrics | UC



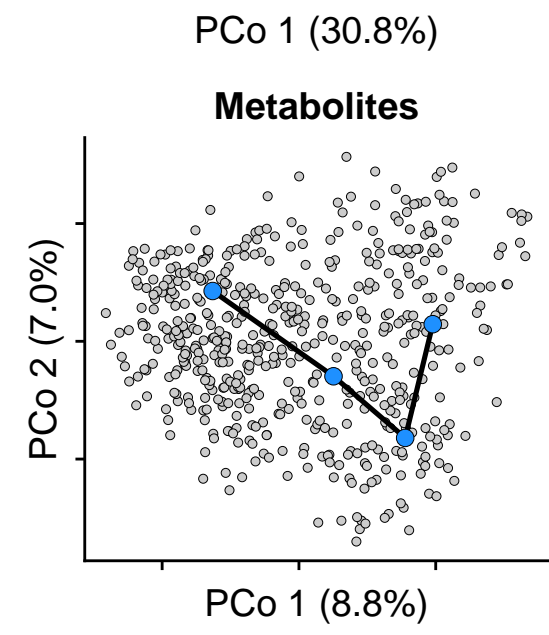
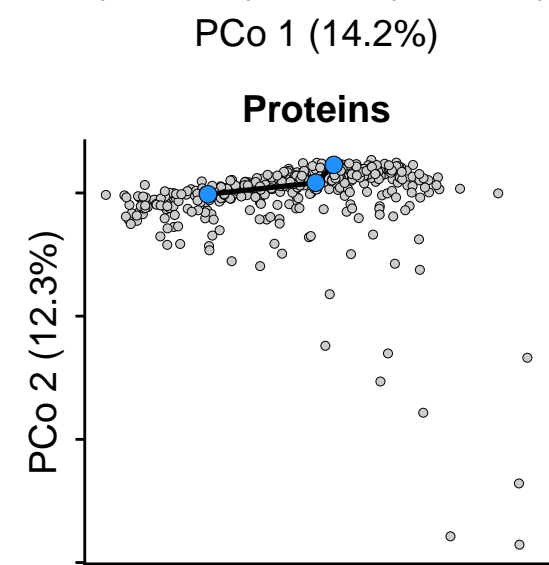
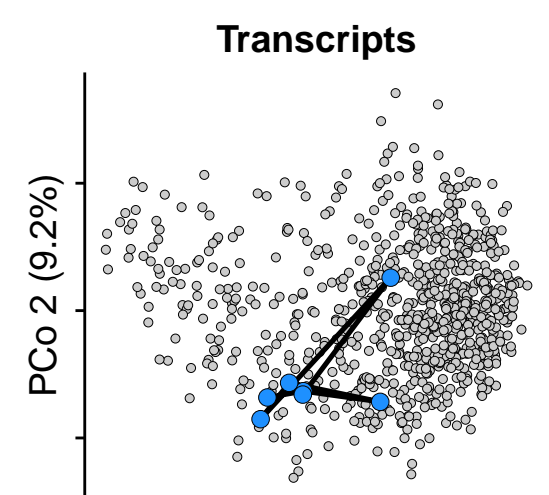
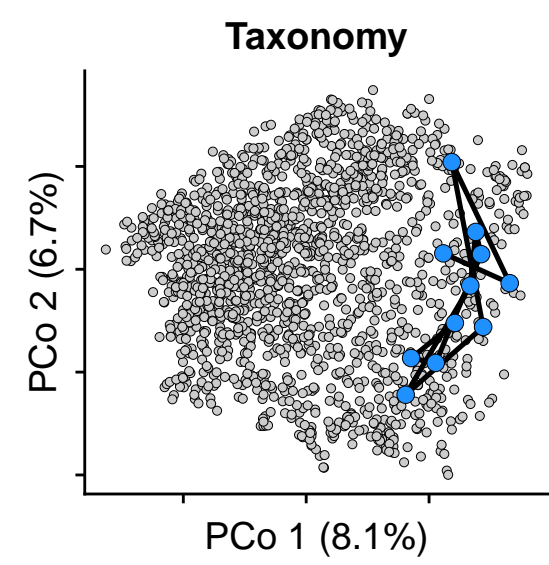
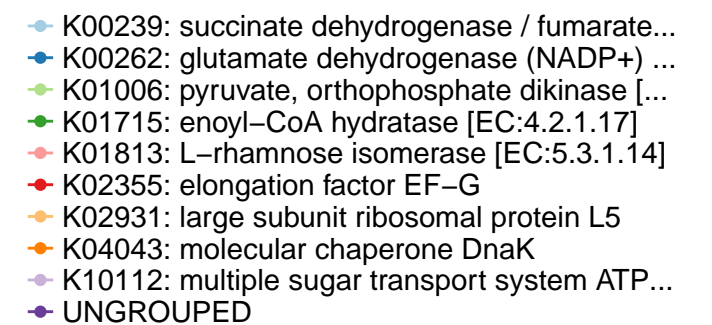
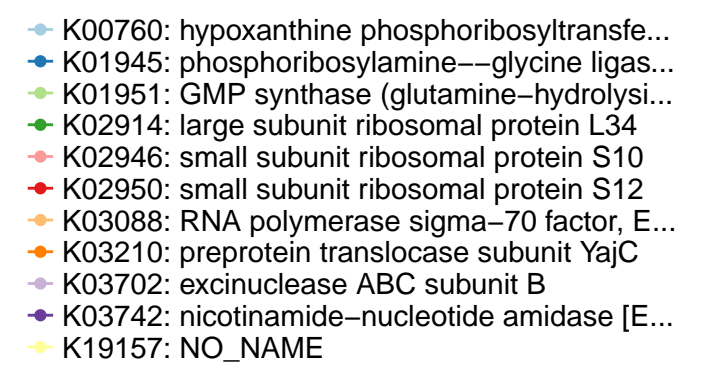
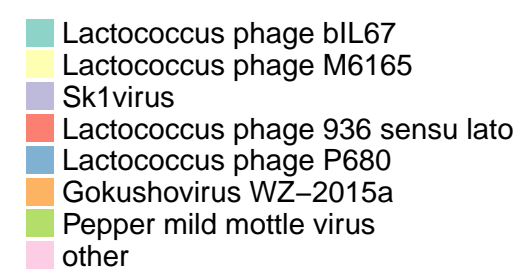
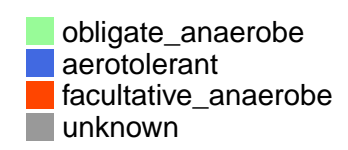
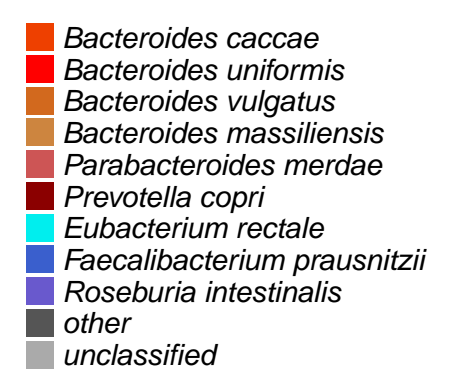
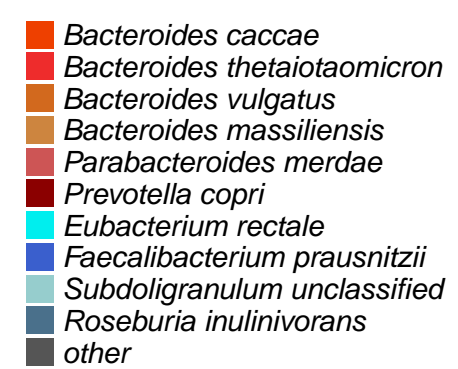
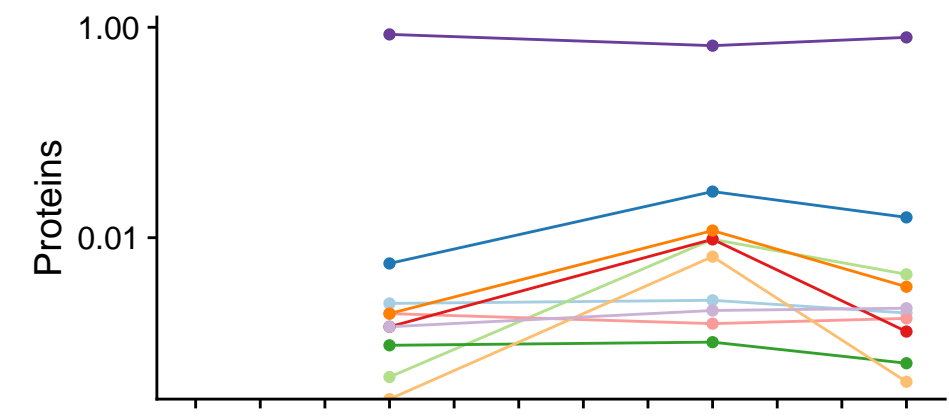
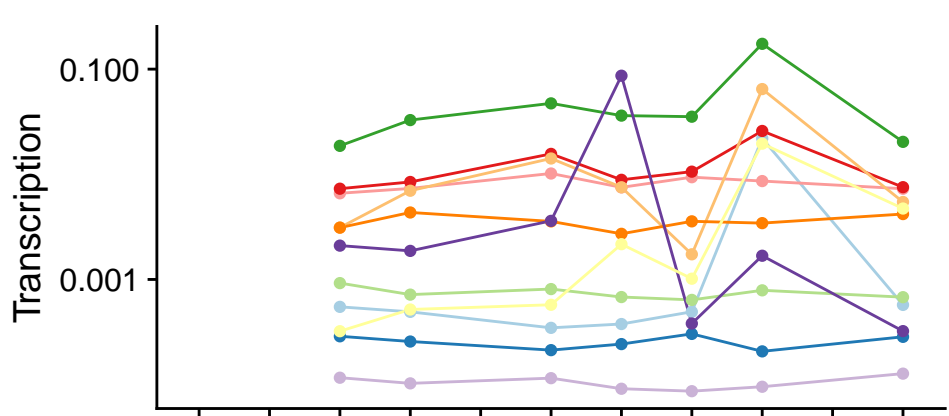
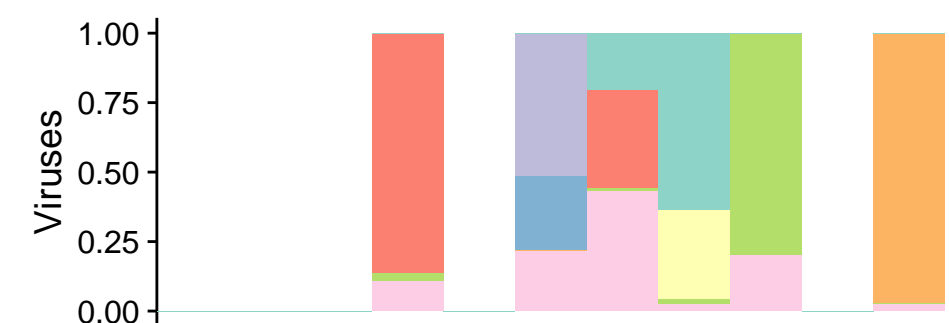
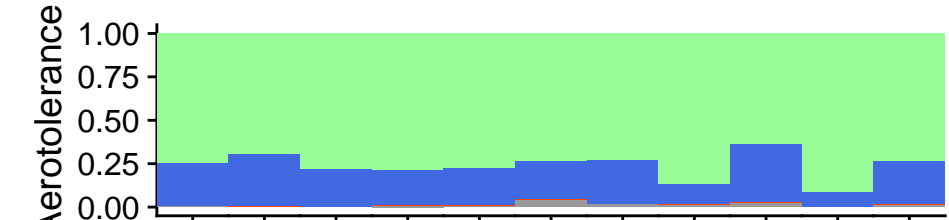
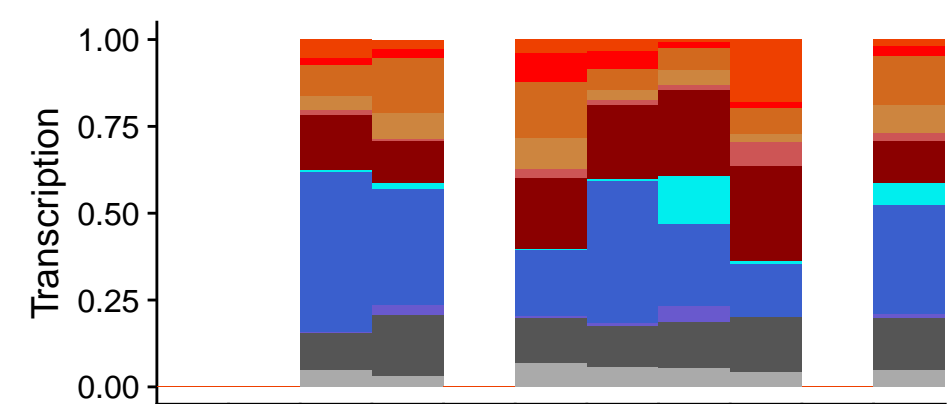
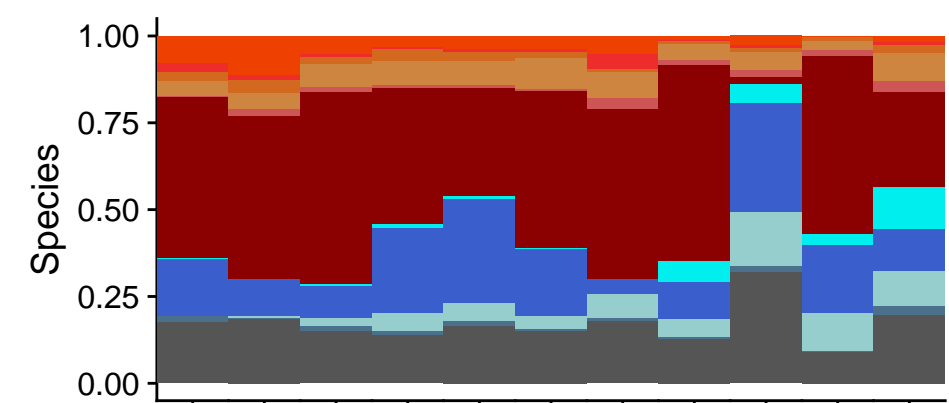
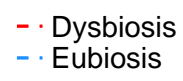
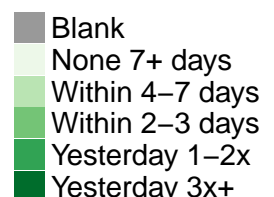
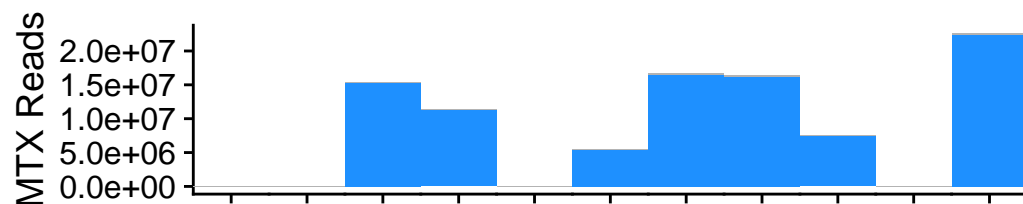
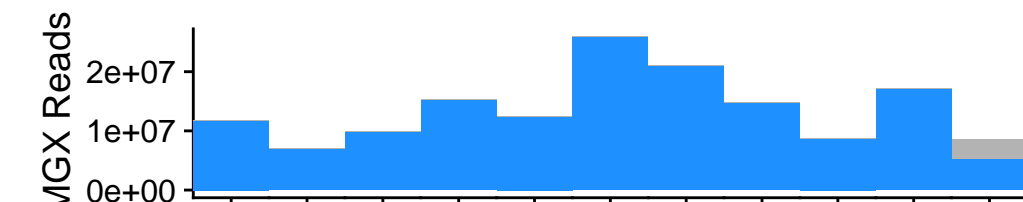
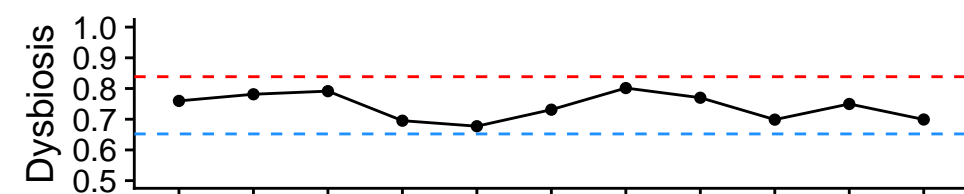
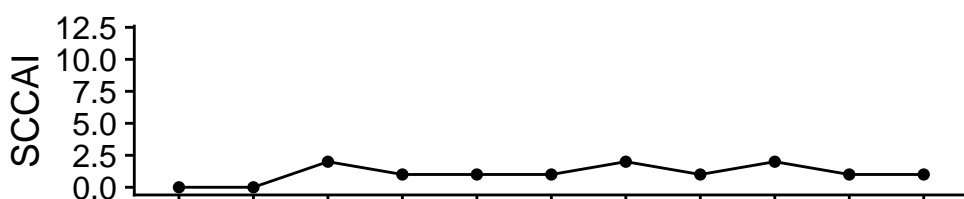
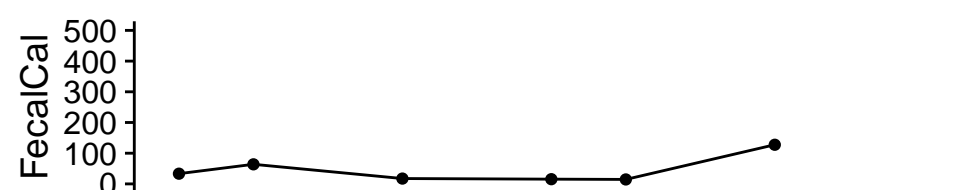
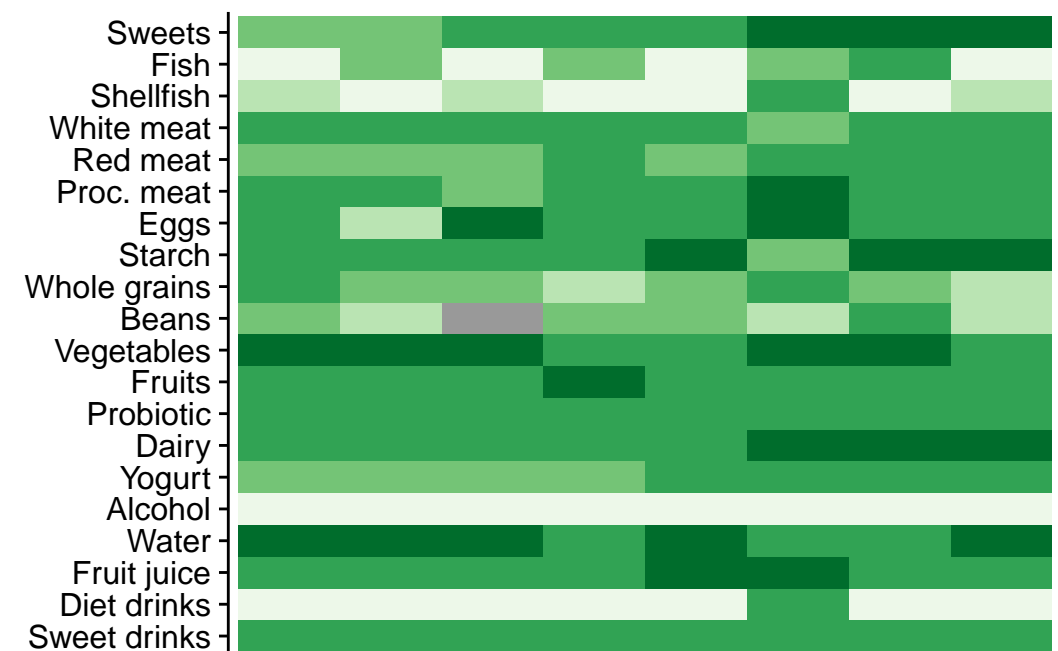
P6028: 9 Male White MGH Pediatrics | CD L1+L4



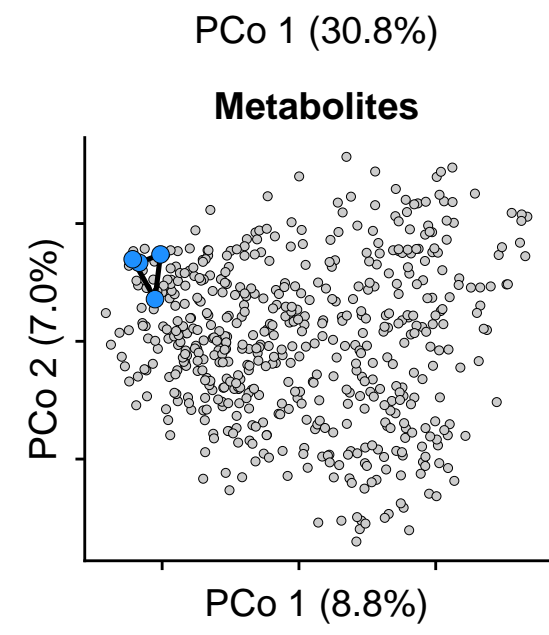
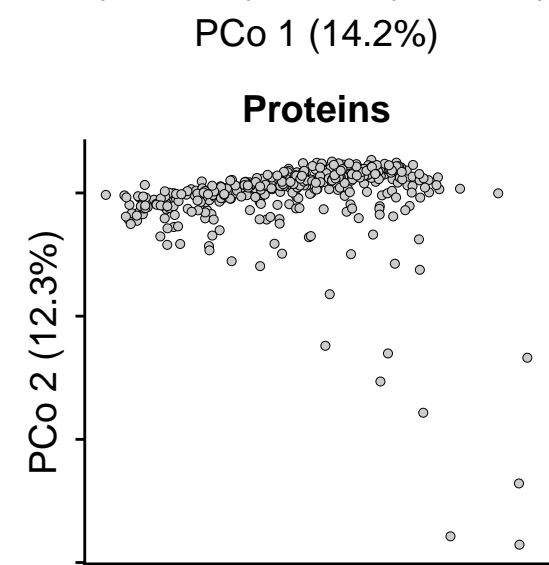
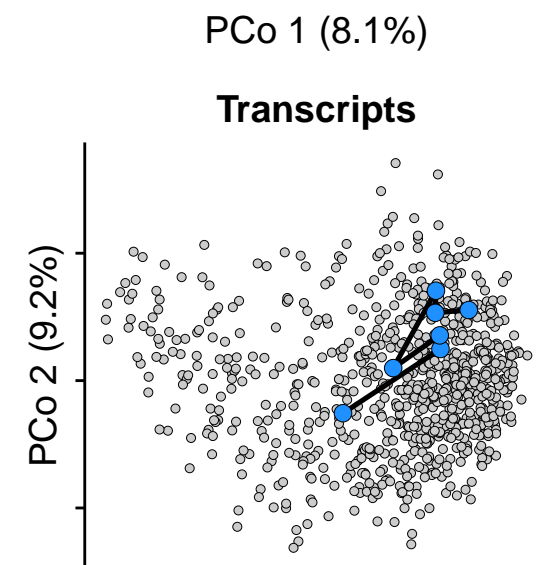
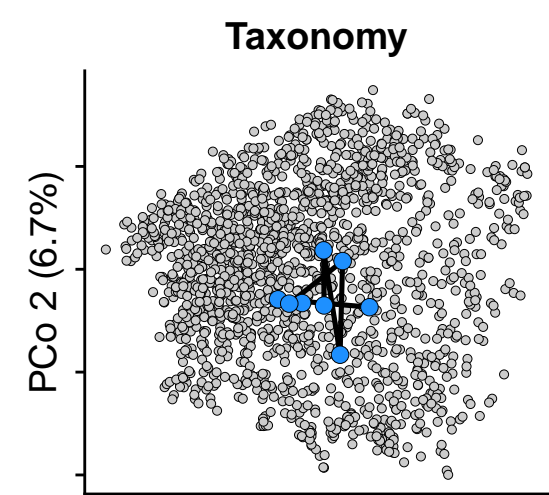
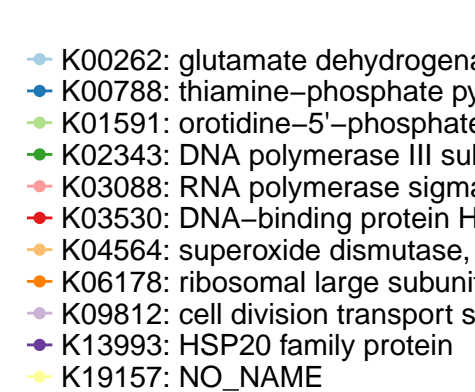
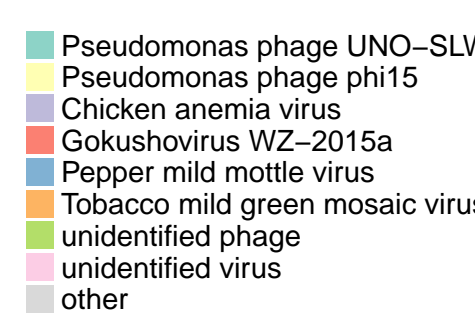
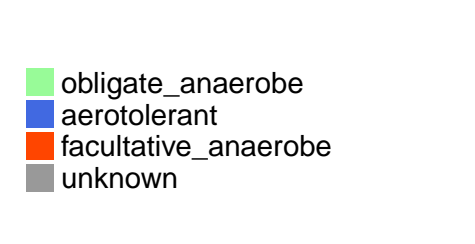
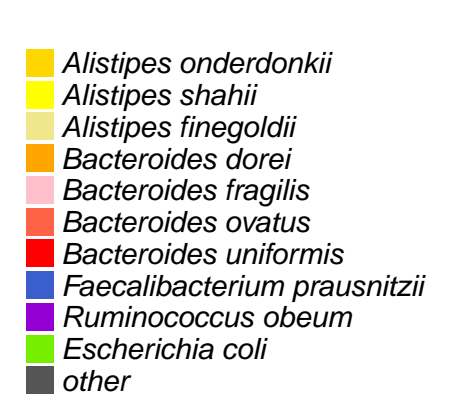
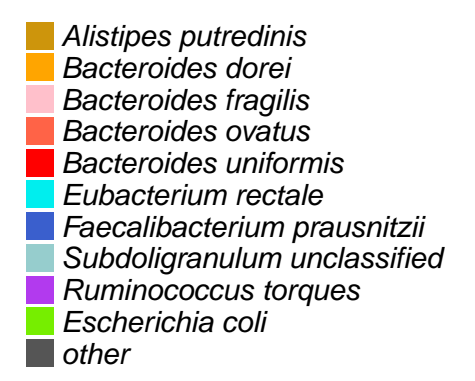
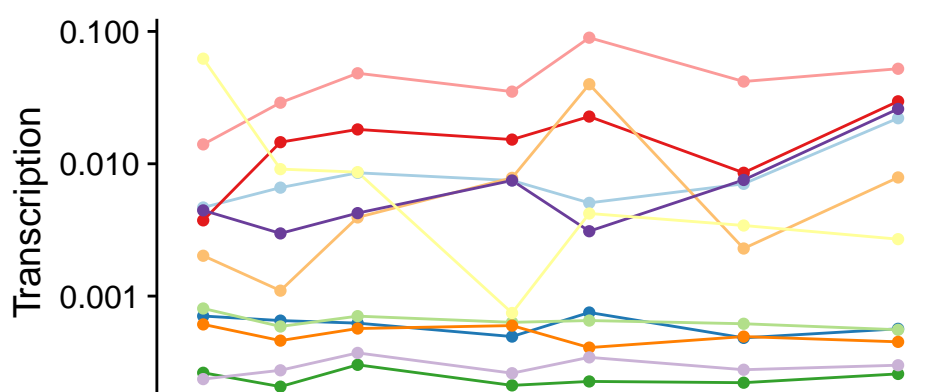
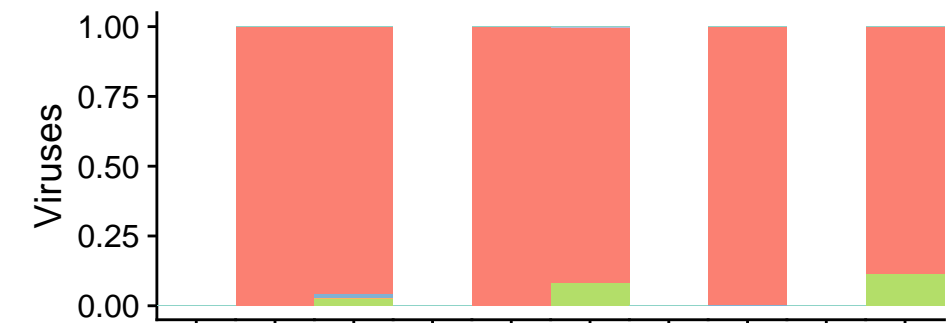
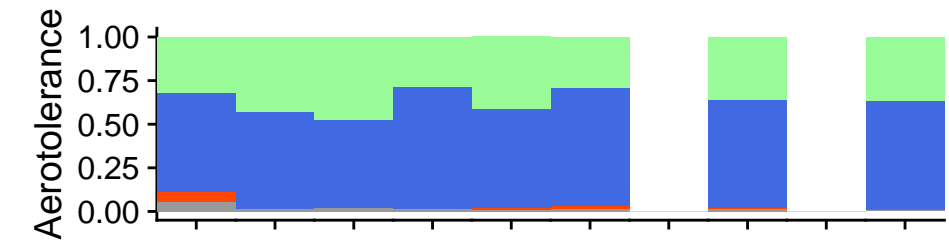
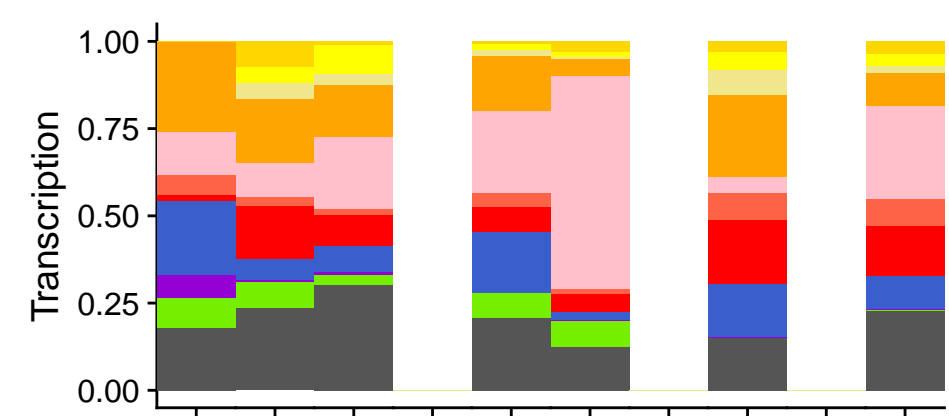
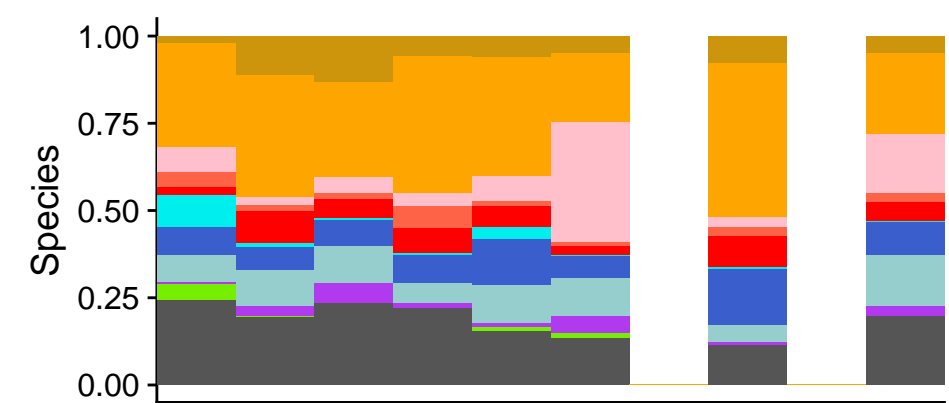
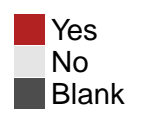
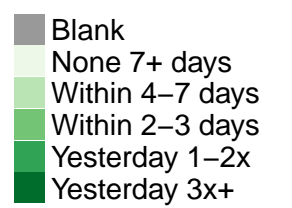
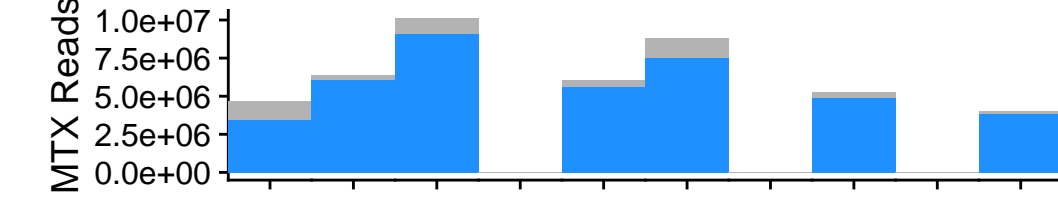
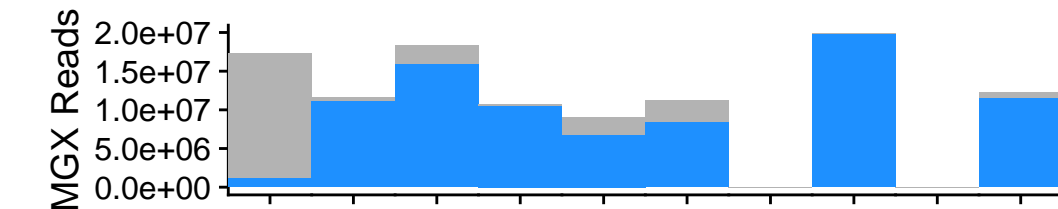
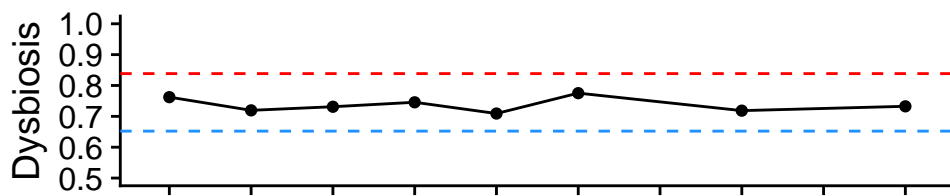
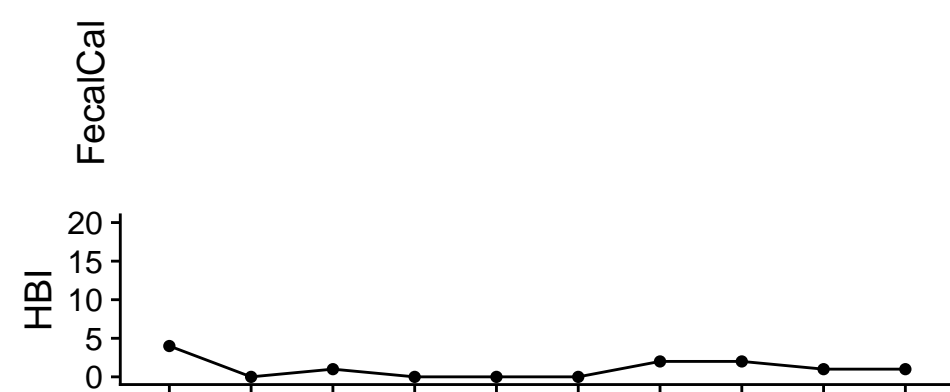
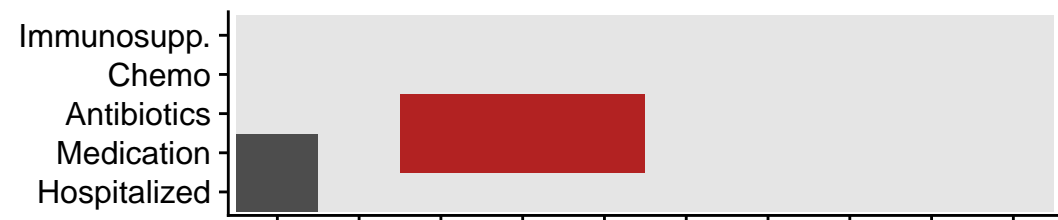
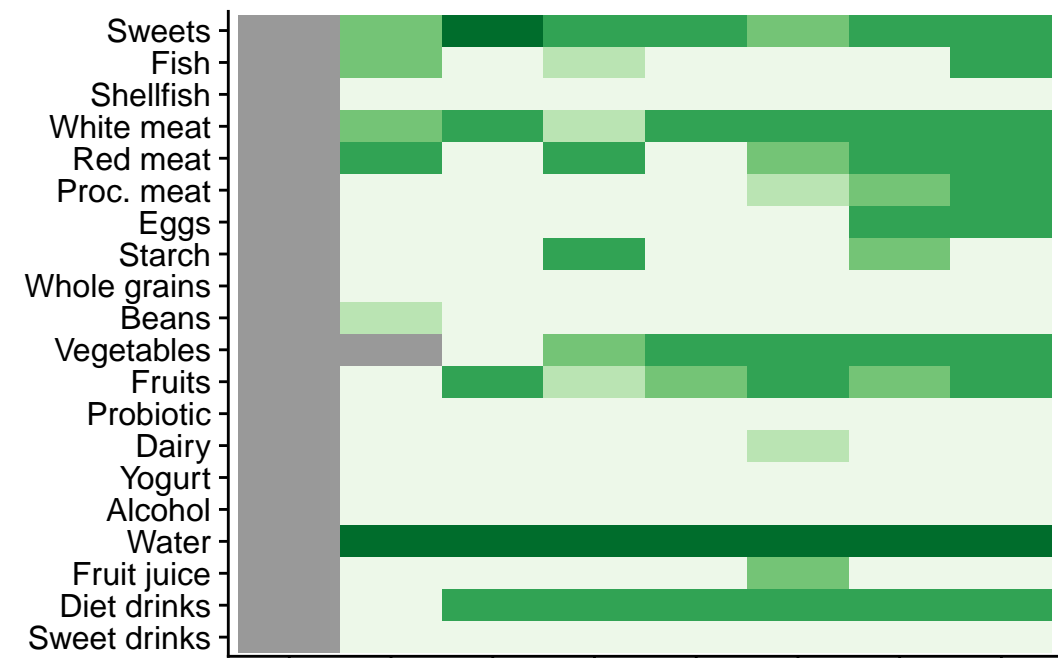
P6033: 15 Male White MGH Pediatrics | CD L3



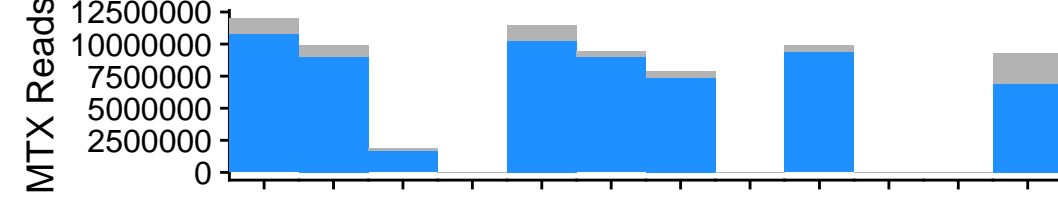
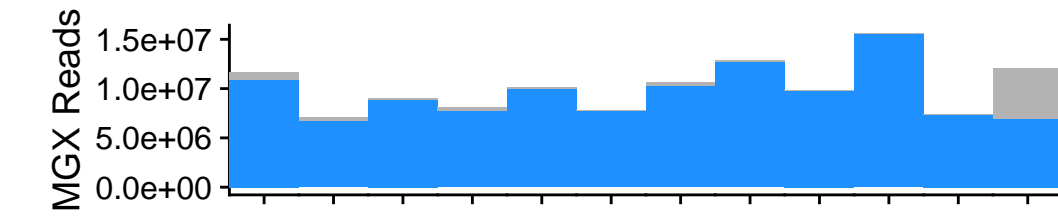
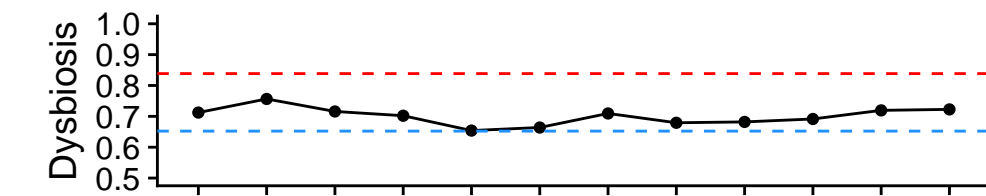
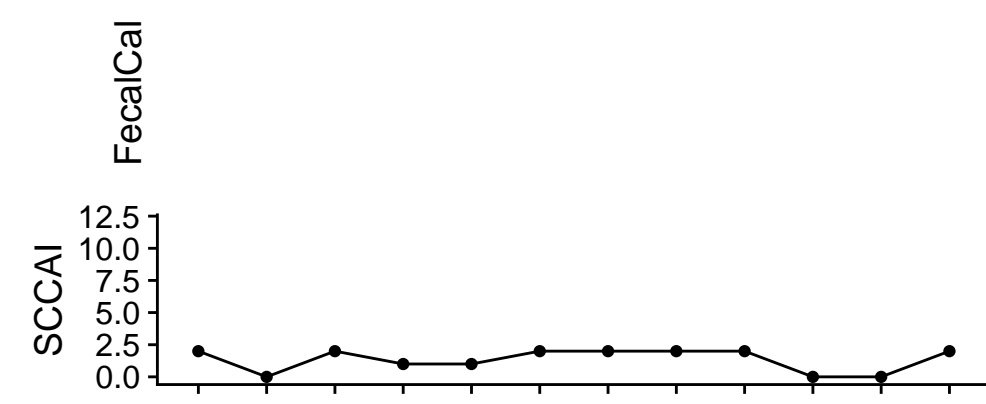
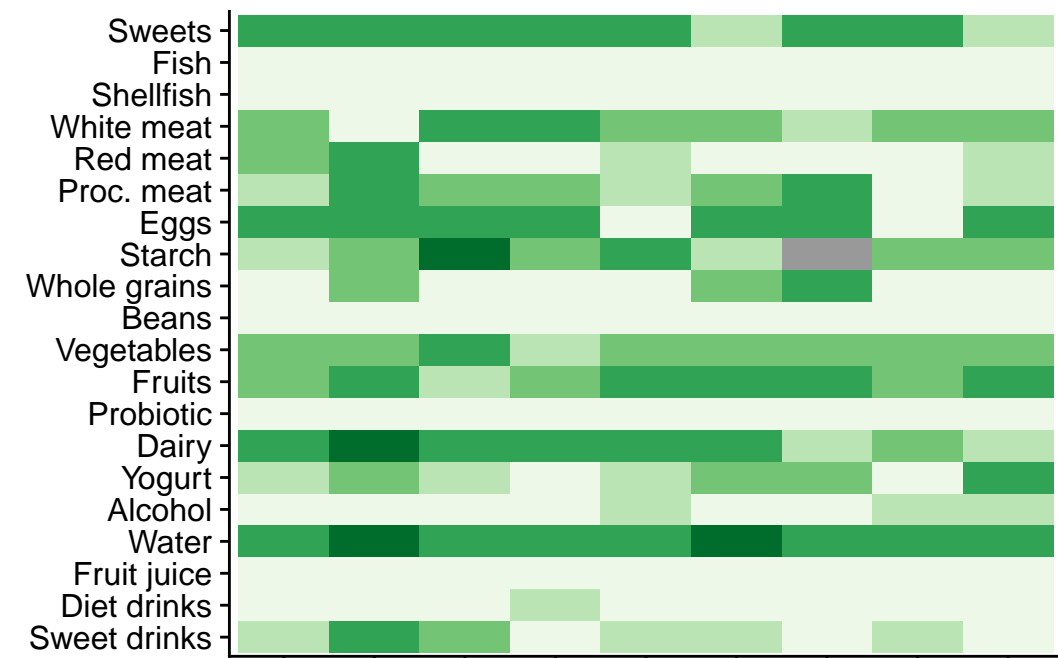
P6035: 16 Male White MGH Pediatrics | UC



P6037: 15 Male White MGH Pediatrics | CD L3



P6038: 16 Female White MGH Pediatrics | UC



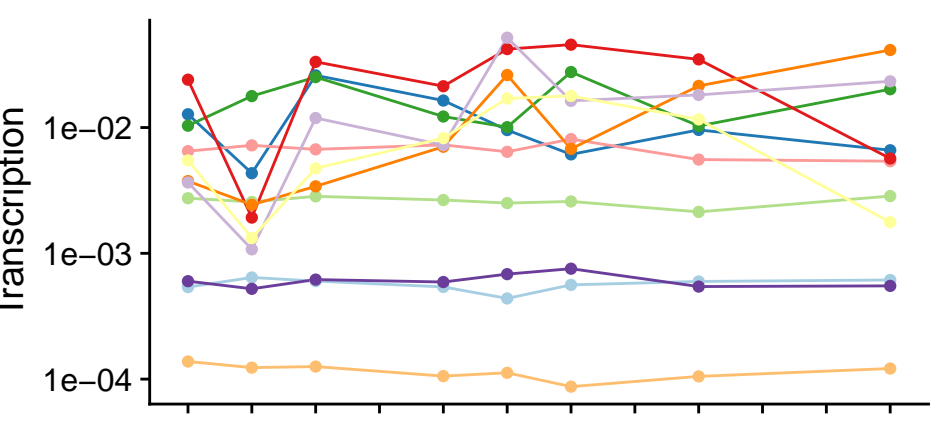
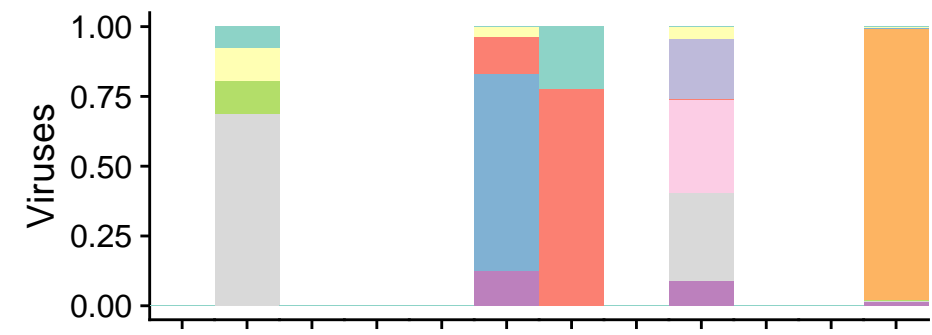
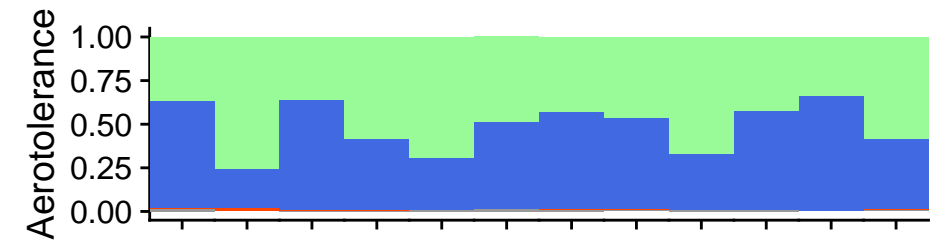
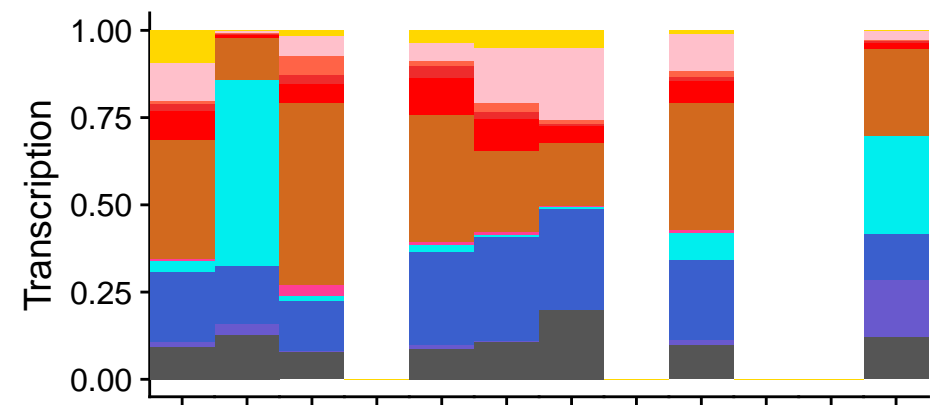
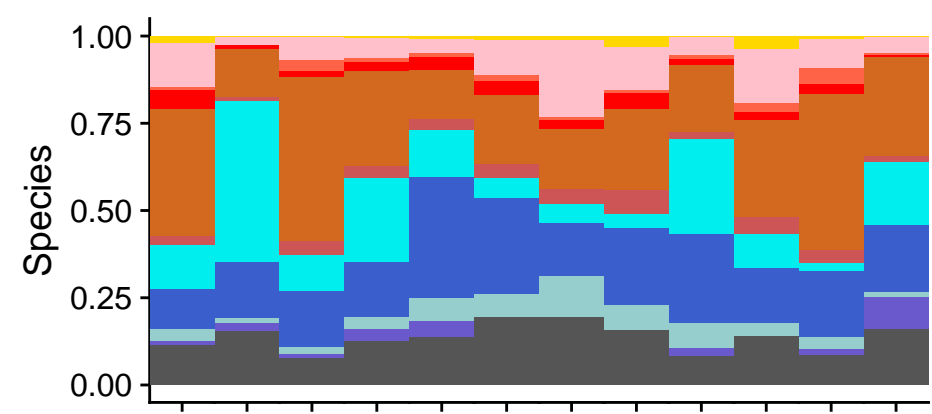
Blank
None 7+ days
Within 4-7 days
Within 2-3 days
Yesterday 1-2x
Yesterday 3x+

No

Dysbiosis
Eubiosis

Human
Filtered

Human
Filtered



Alistipes onderdonkii
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia intestinalis
other

Alistipes onderdonkii
Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

T7virus
Pseudomonas phage PPpW-4
unclassified C2likevirus
unclassified Siphoviridae
Gokushovirus WZ-2015a
Parabacteroides phage YZ-2015b
Melon necrotic spot virus
Bell pepper mottle virus
Pepper mild mottle virus
other

K01647: citrate synthase [EC:2.3.3.1]
K02078: acyl carrier protein
K02356: elongation factor EF-P
K02914: large subunit ribosomal protein L34
K02965: small subunit ribosomal protein S19
K03088: RNA polymerase sigma-70 factor, E...
K03665: GTP-binding protein HflX
K04078: chaperonin GroES
K13993: HSP20 family protein
K14441: NO_NAME
K19157: NO_NAME

