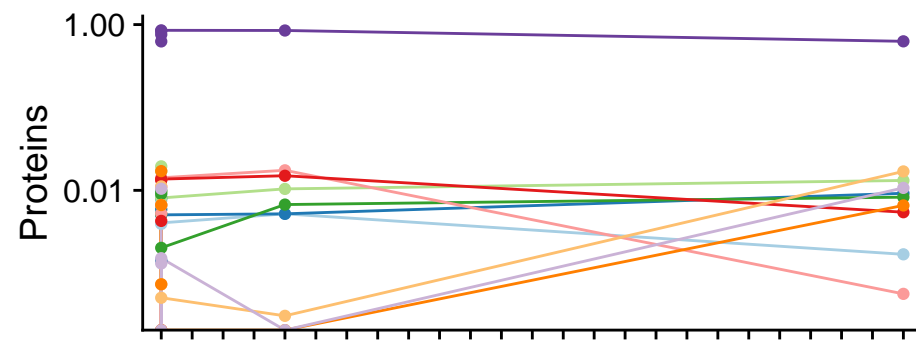
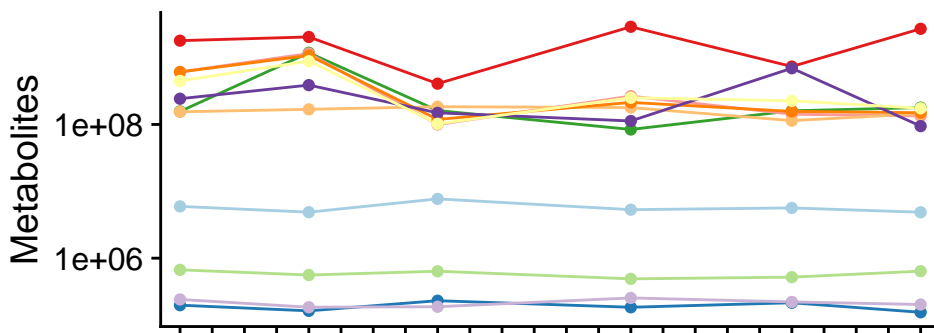
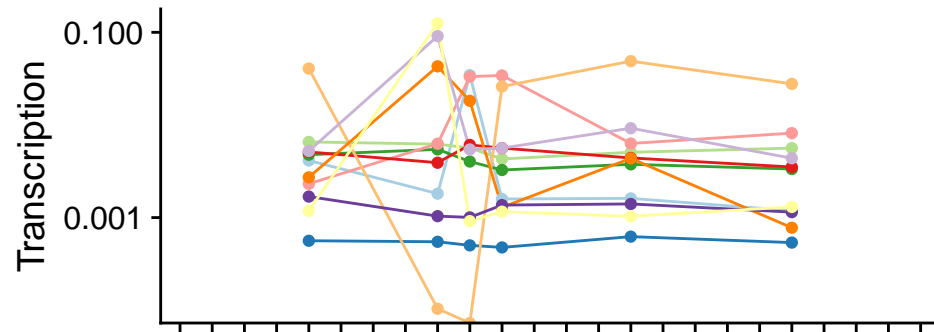
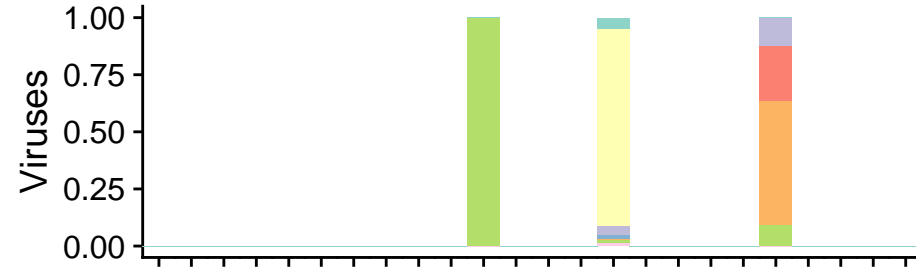
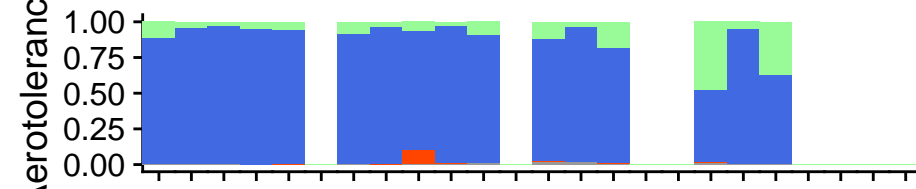
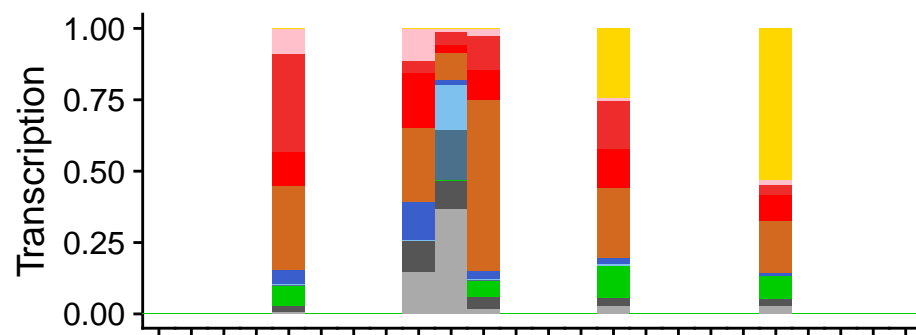
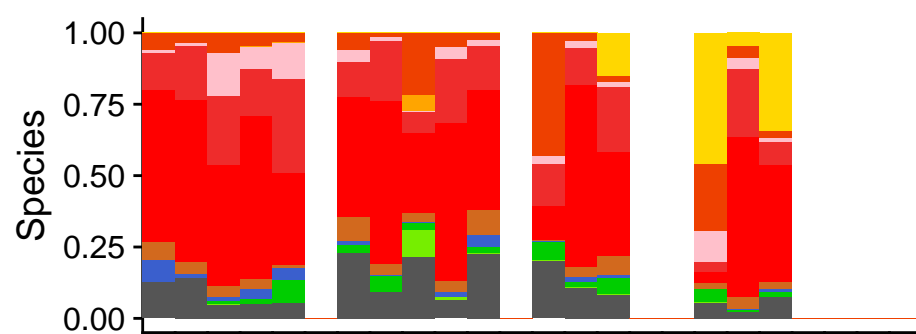
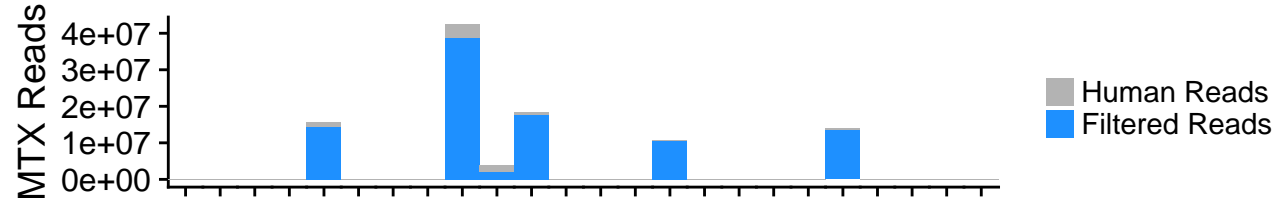
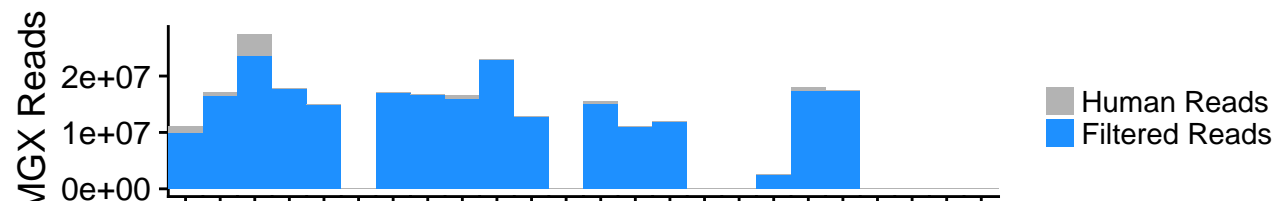
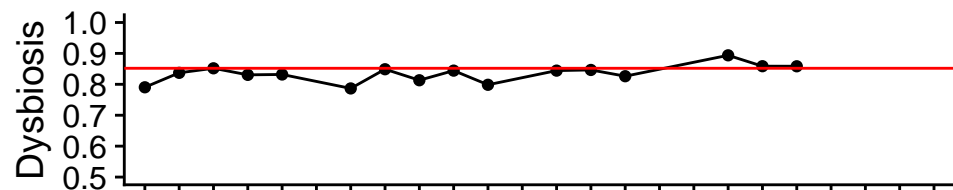
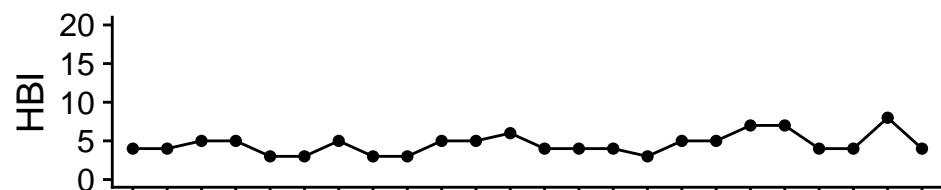
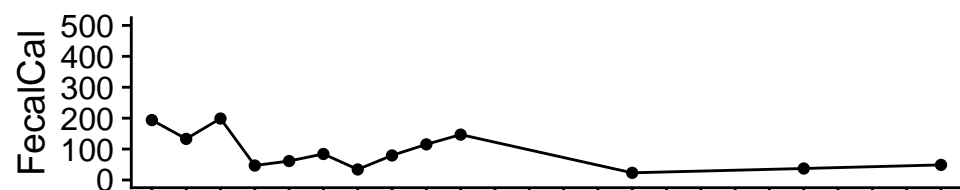
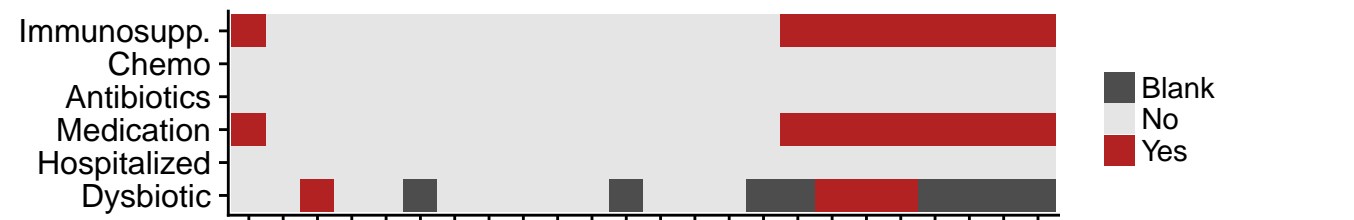
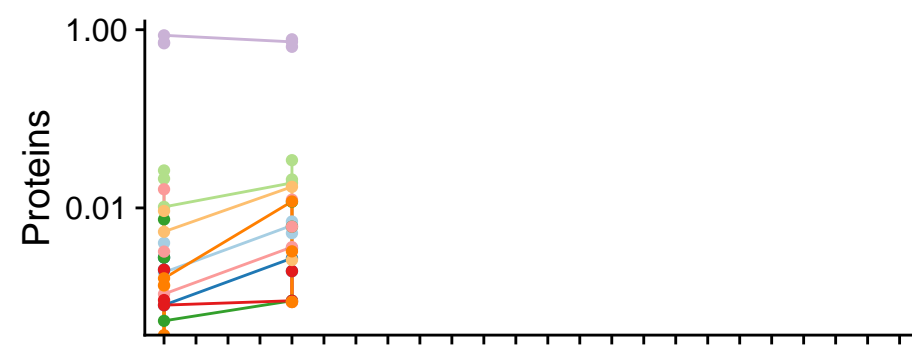
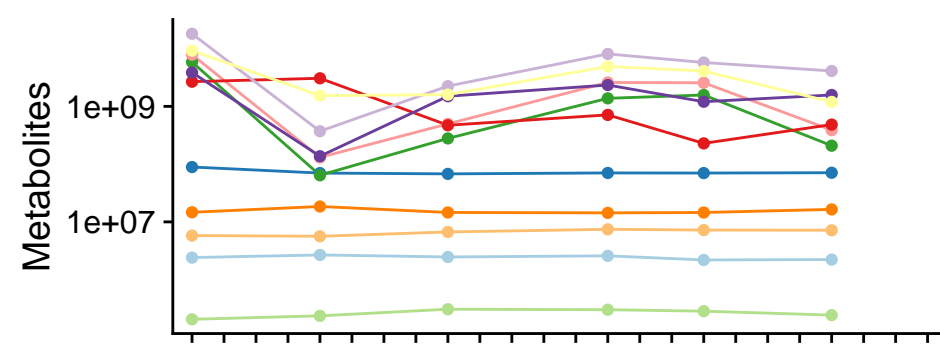
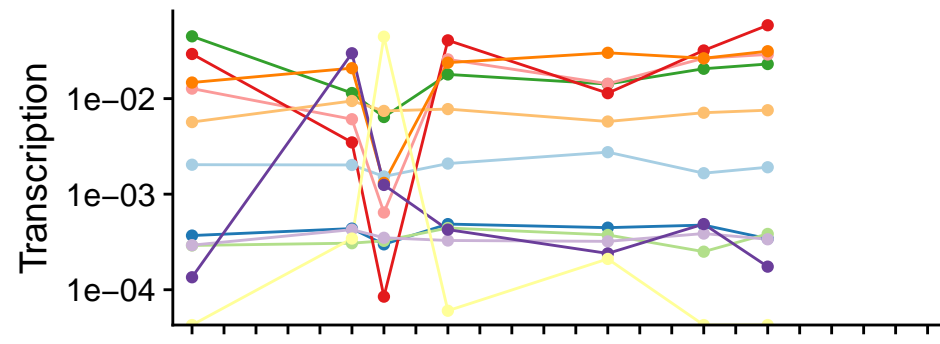
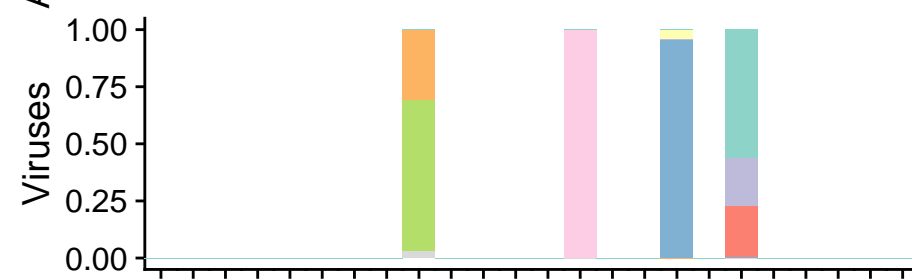
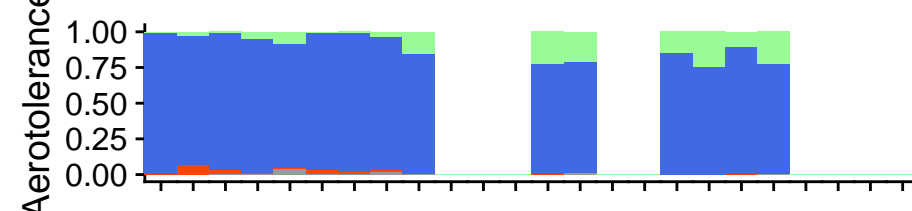
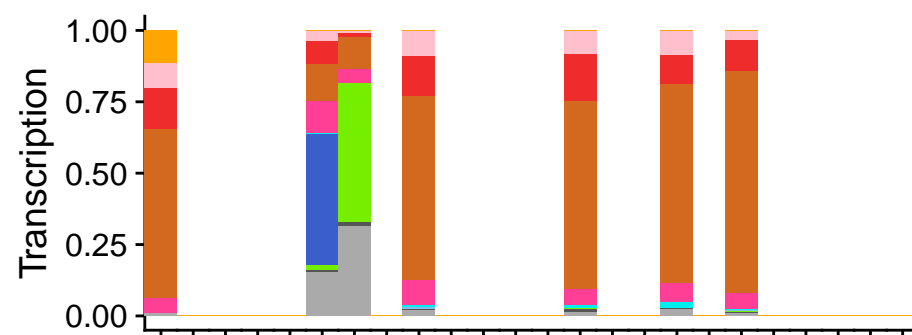
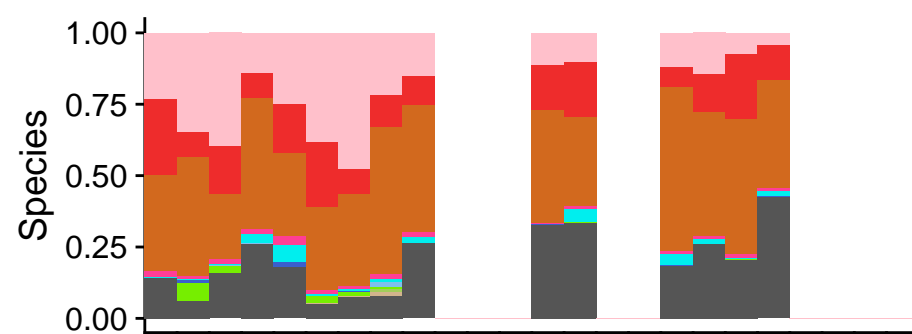
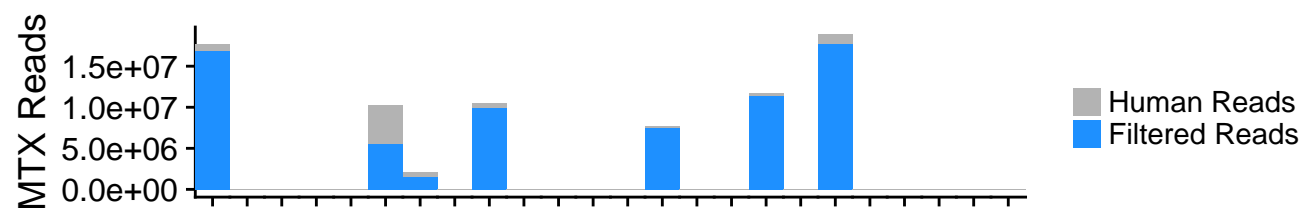
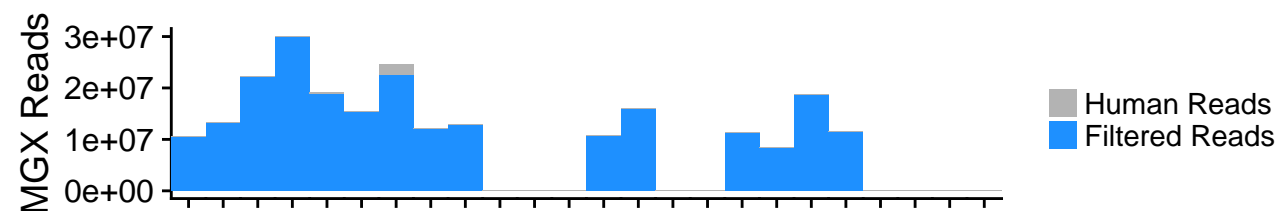
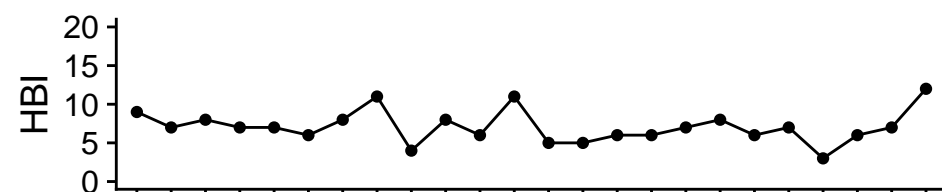
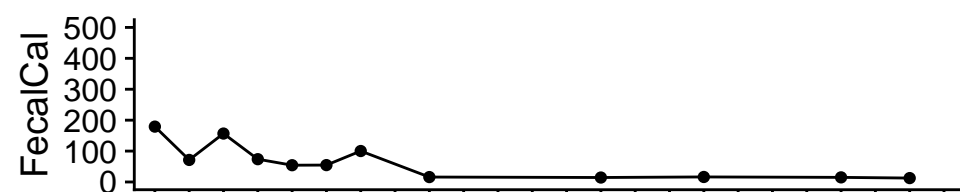
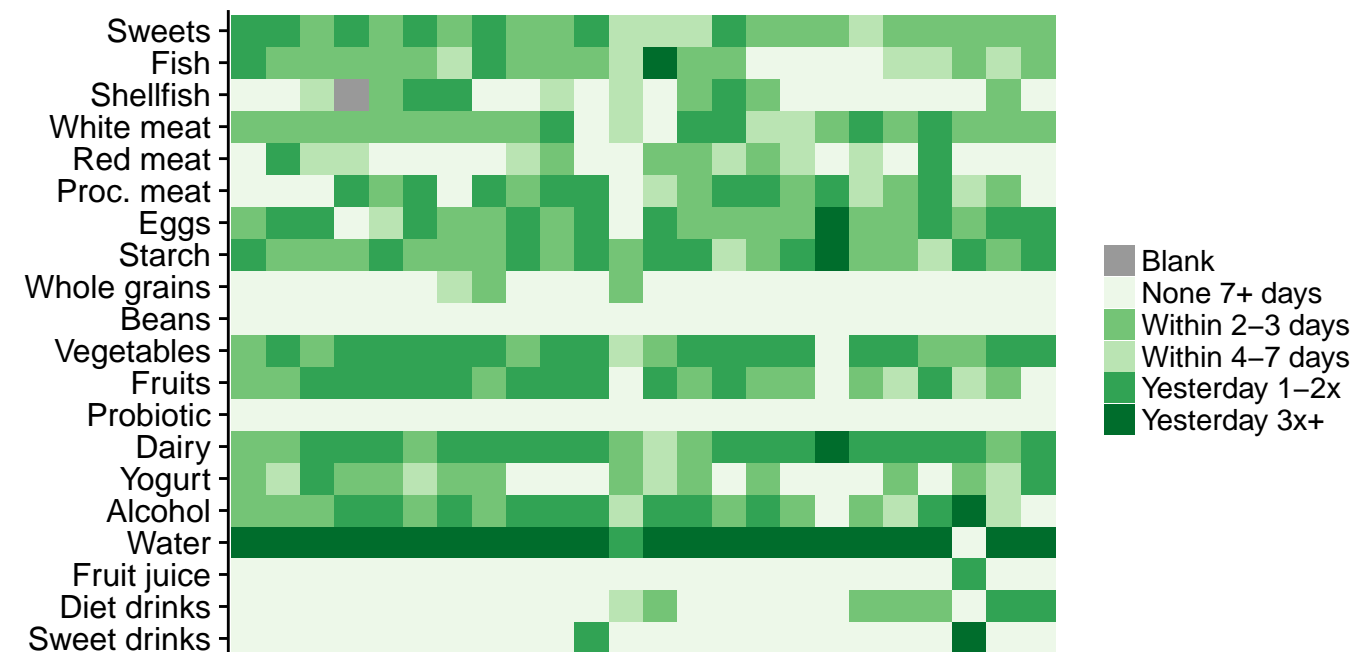


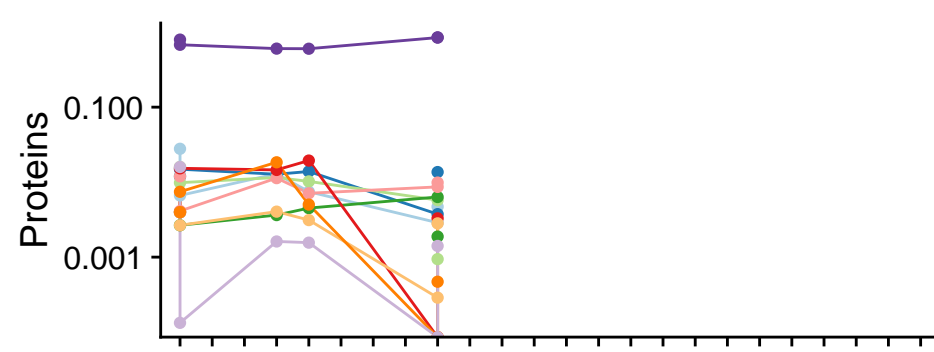
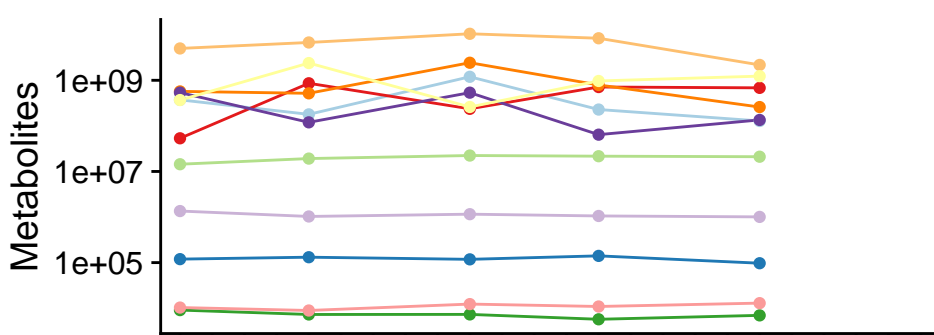
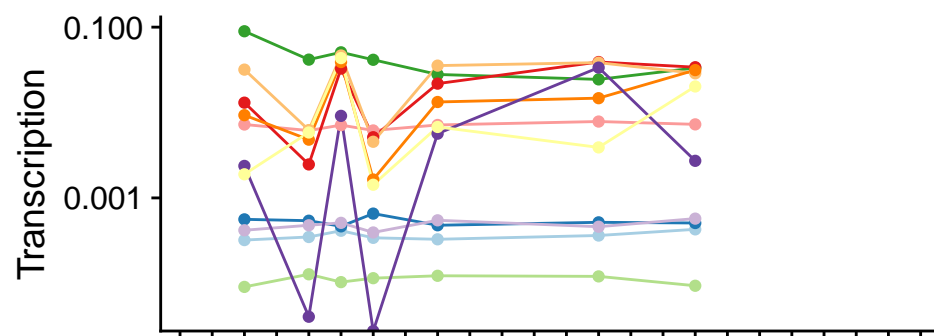
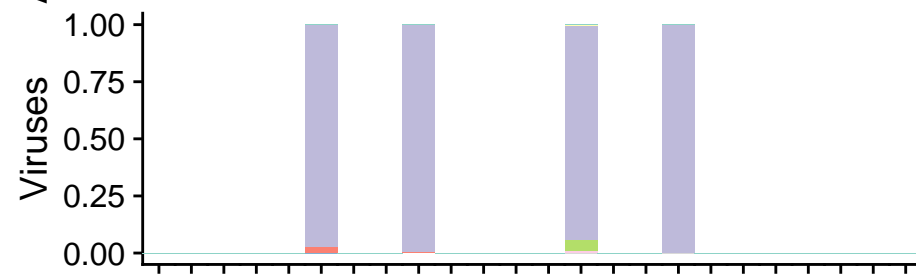
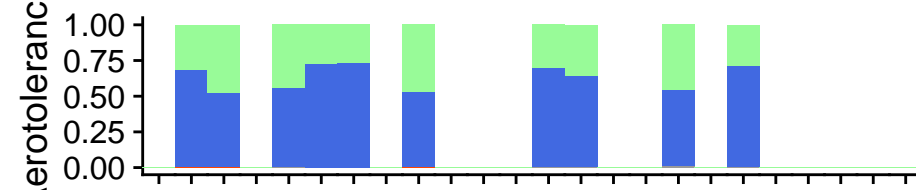
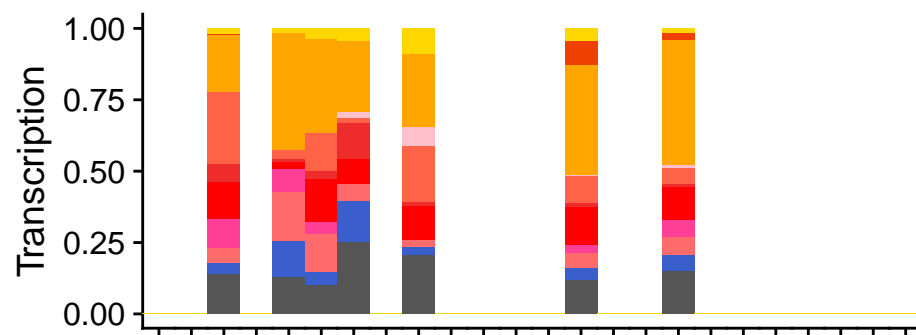
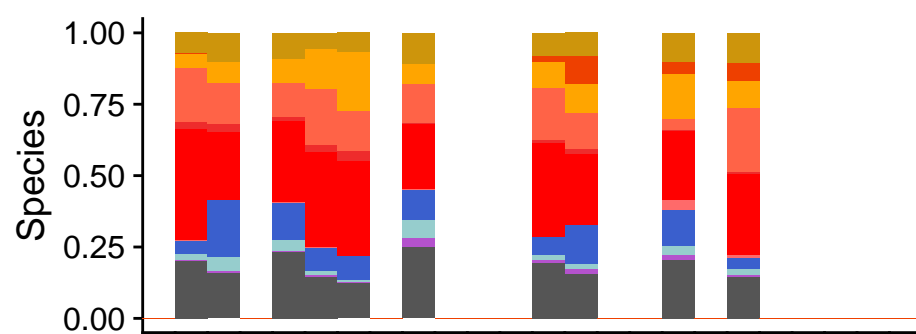
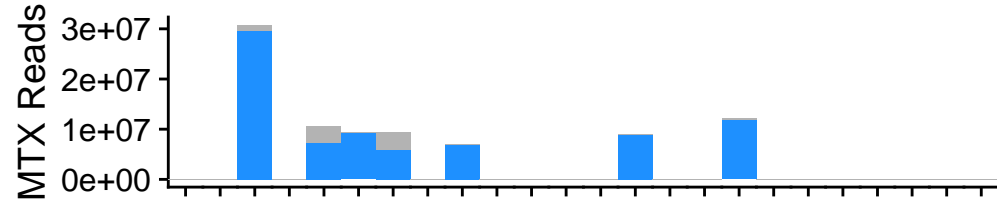
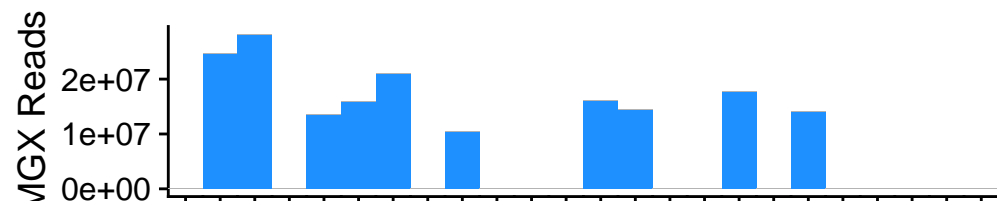
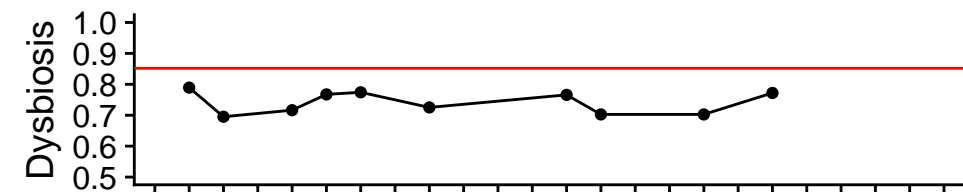
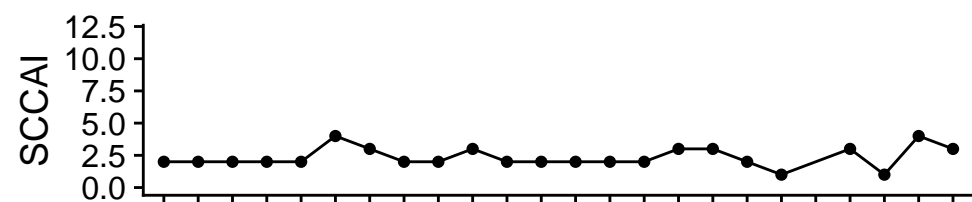
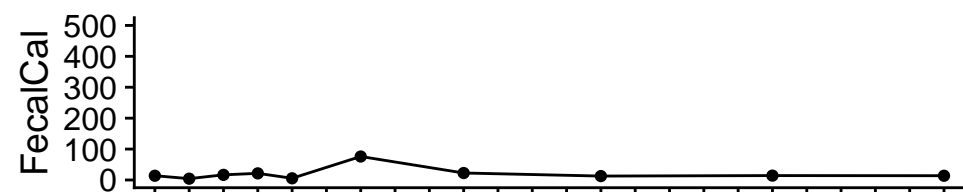
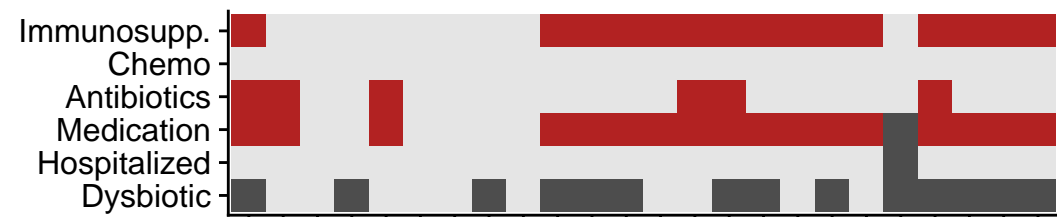
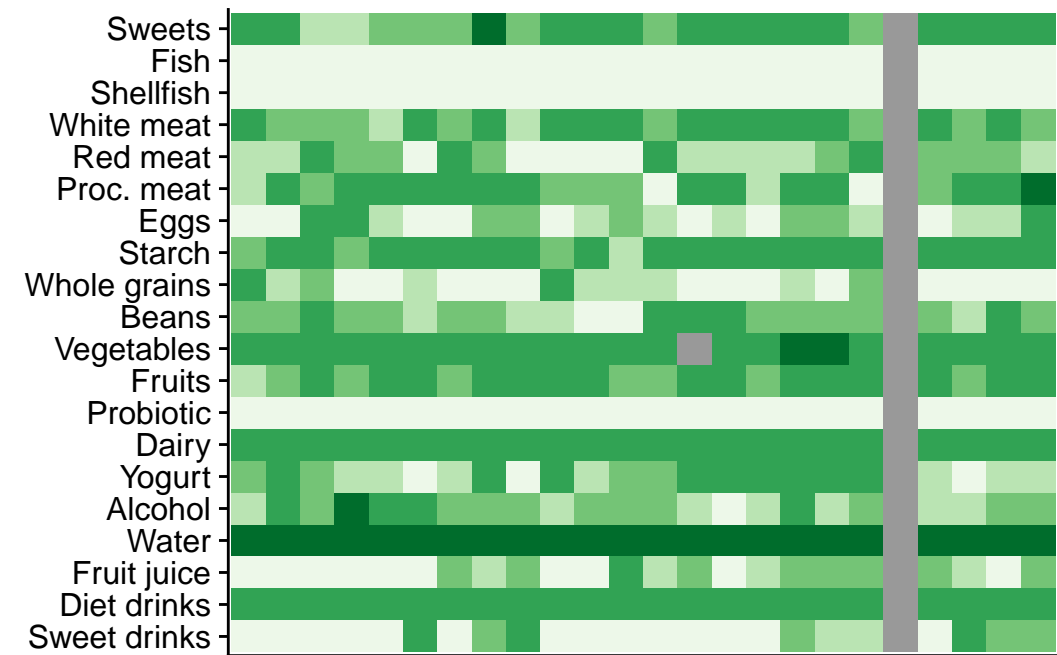
C3001: 43 Female White Cedars–Sinai | CD L3



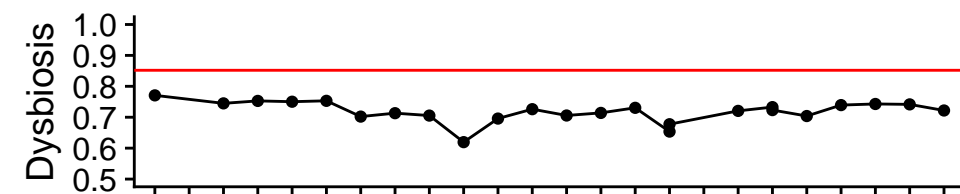
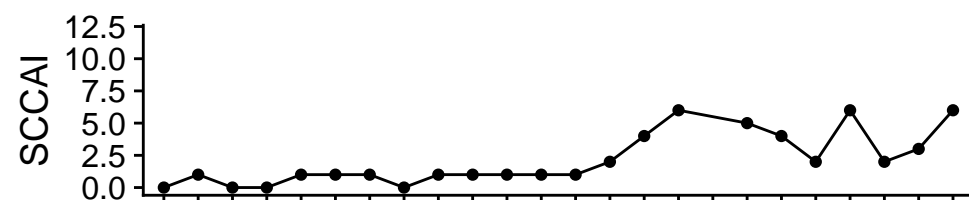
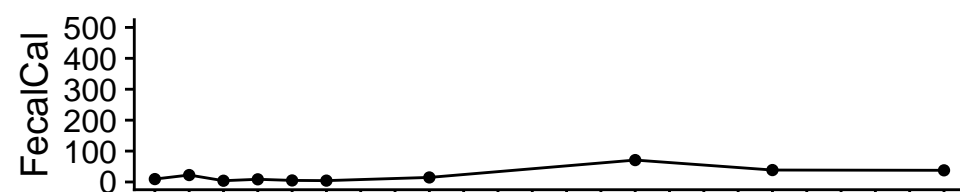
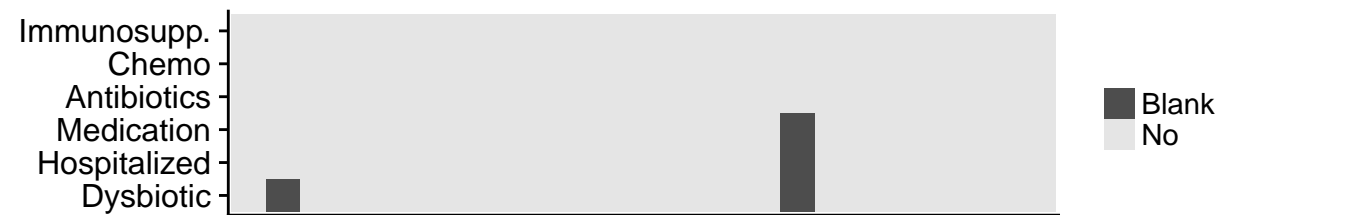
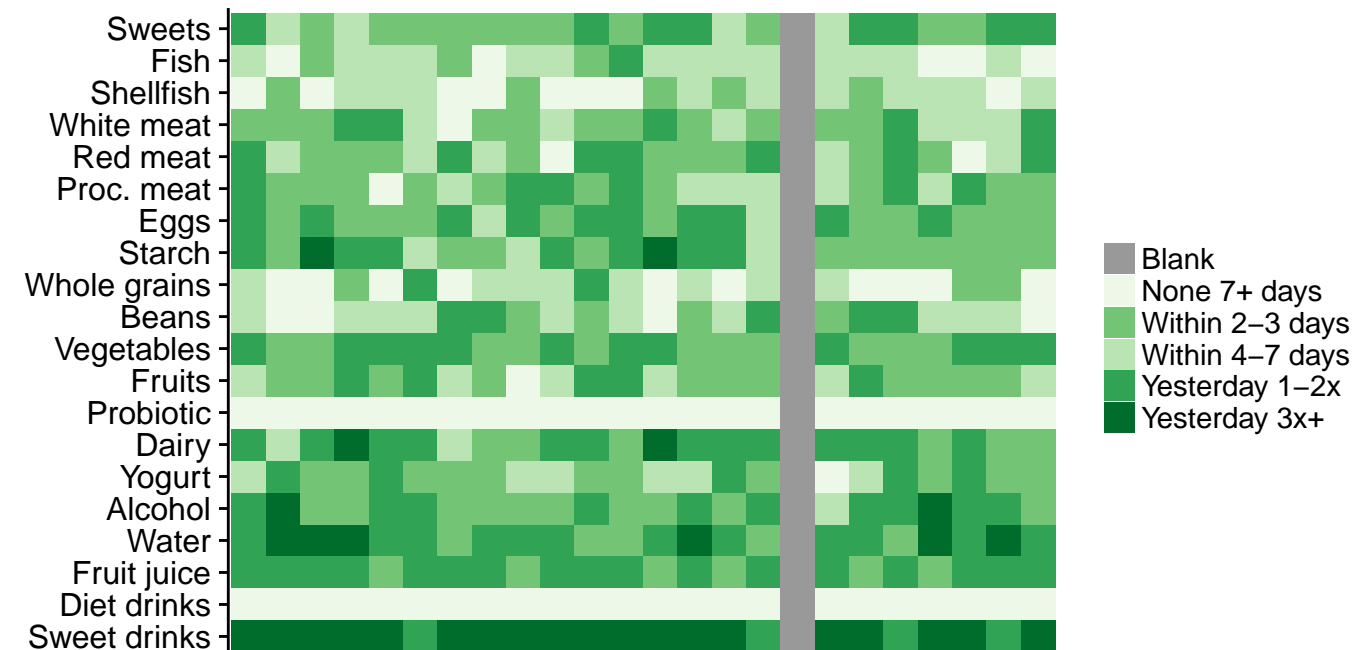
C3002: 76 Female White Cedars–Sinai | CD L3



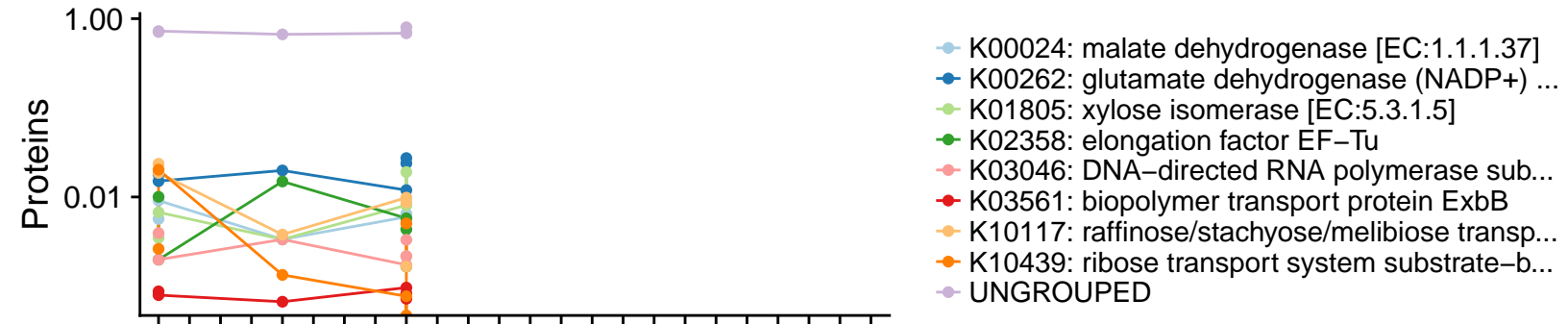
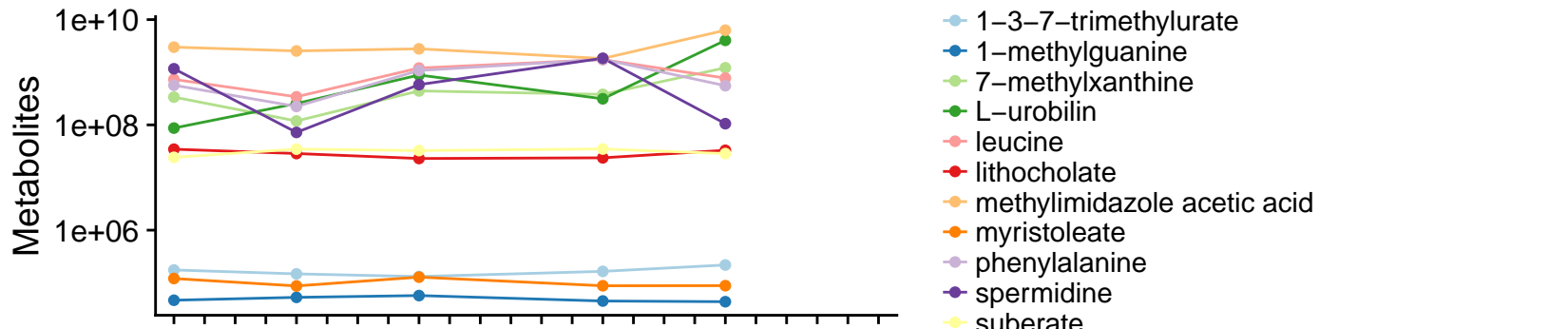
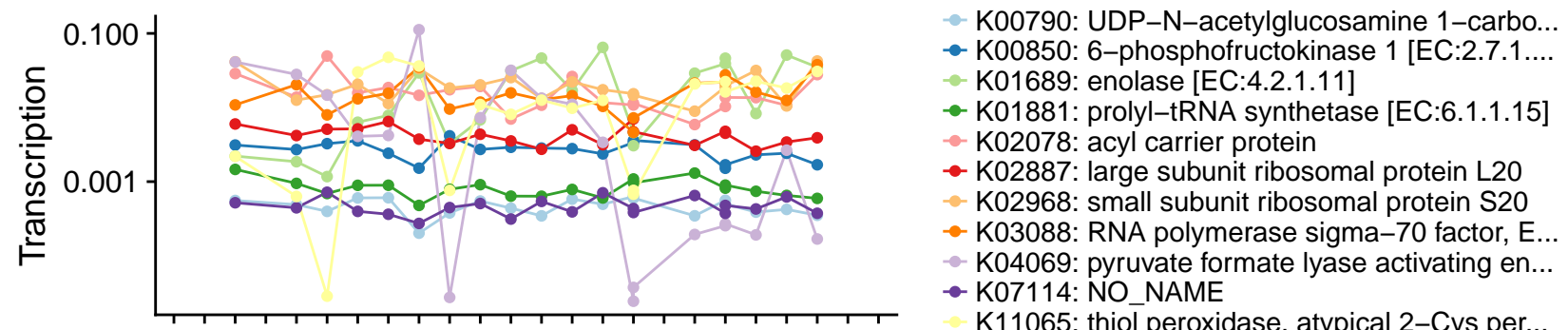
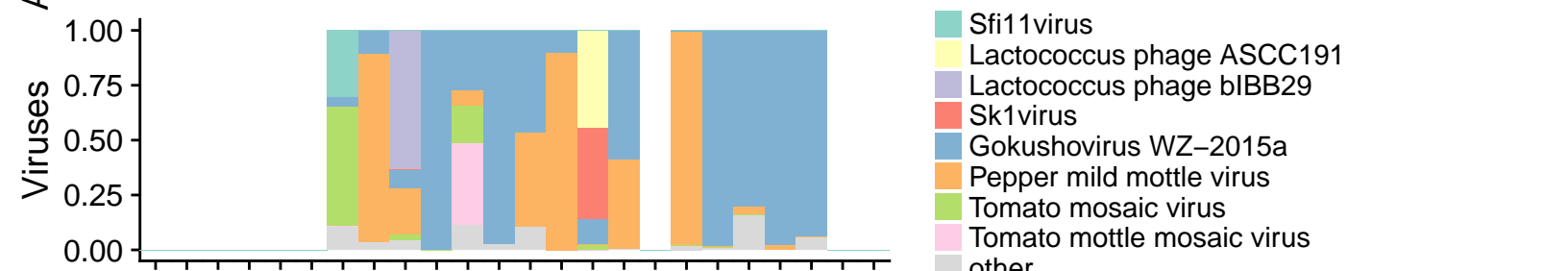
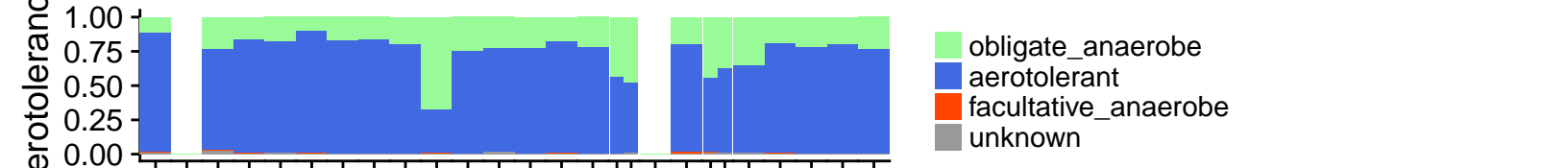
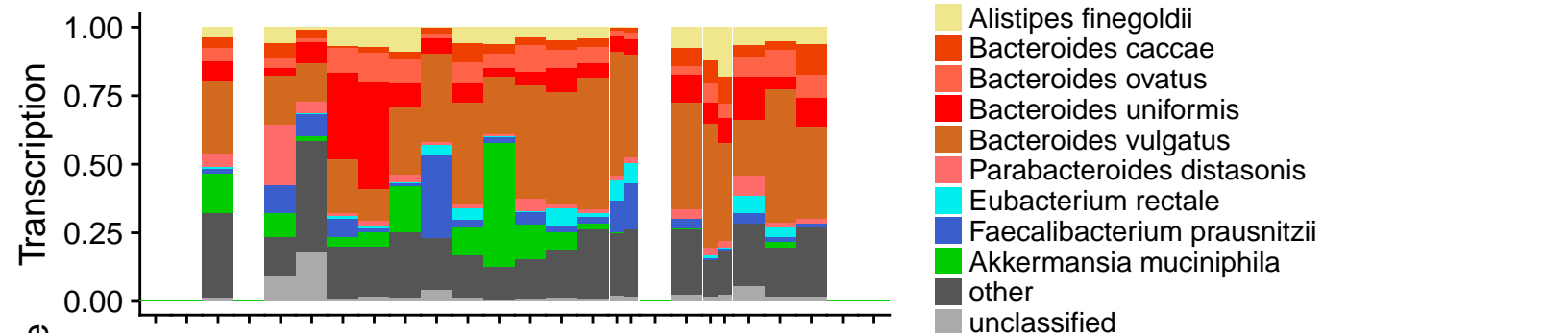
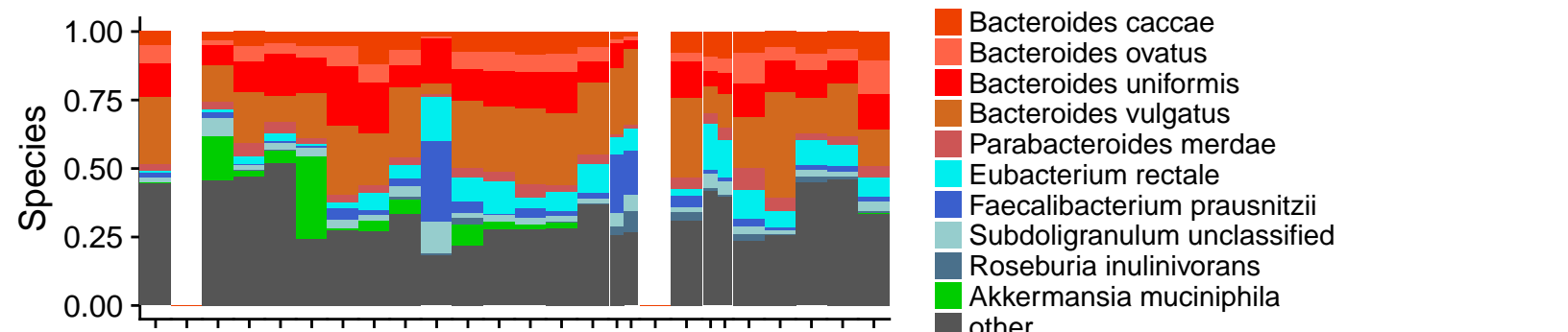
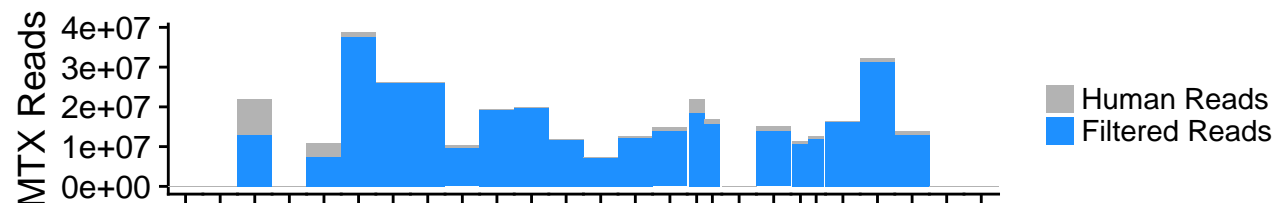
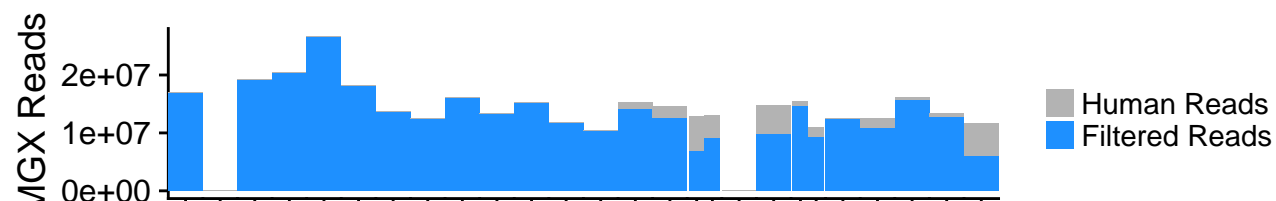
C3003: 43 Female White Cedars–Sinai | UC



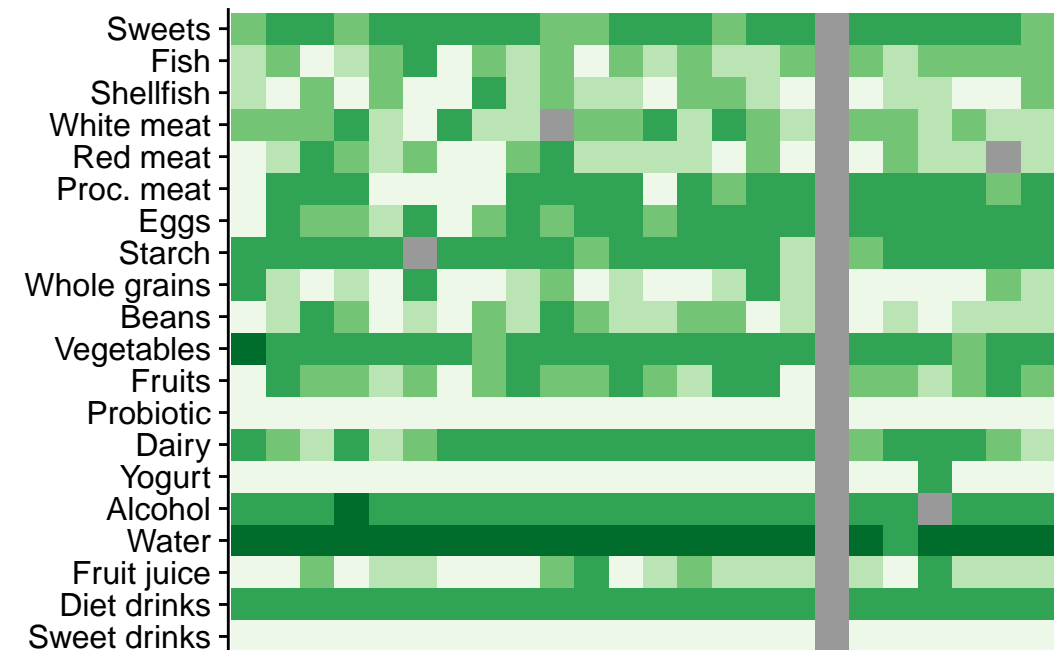
C3004: 47 Female White Cedars–Sinai | UC



Serology



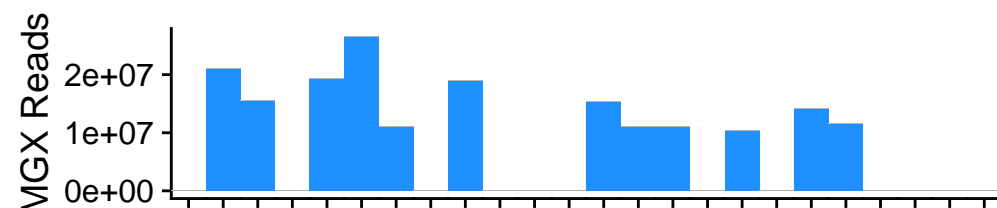
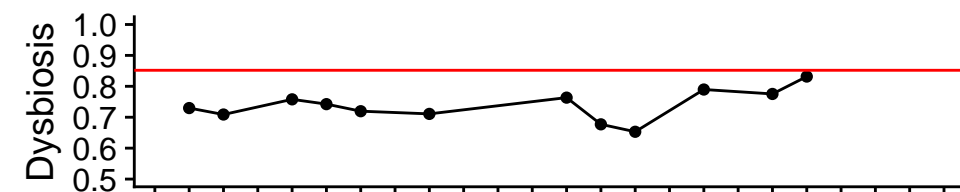
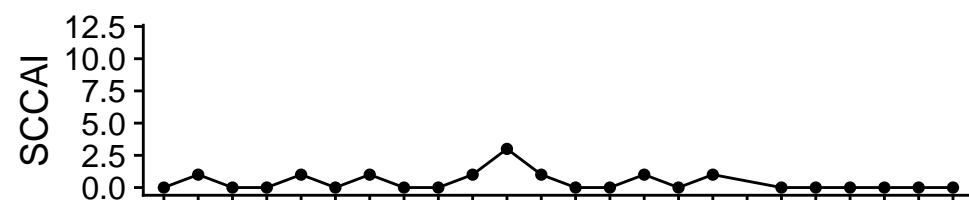
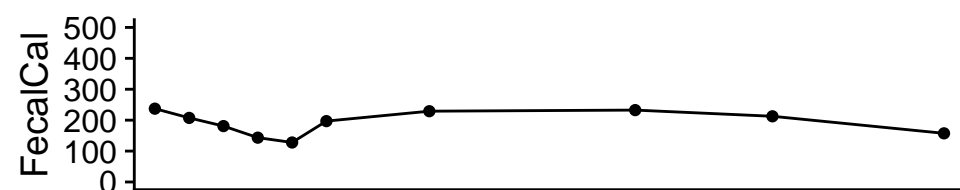
C3005: 76 Female White Cedars–Sinai | UC



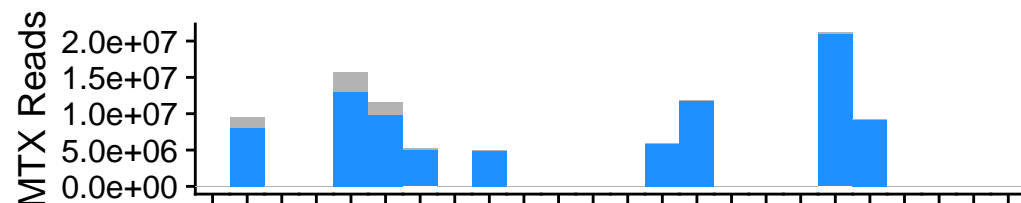
Blank
None 7+ days
Within 2–3 days
Within 4–7 days
Yesterday 1–2x
Yesterday 3x+



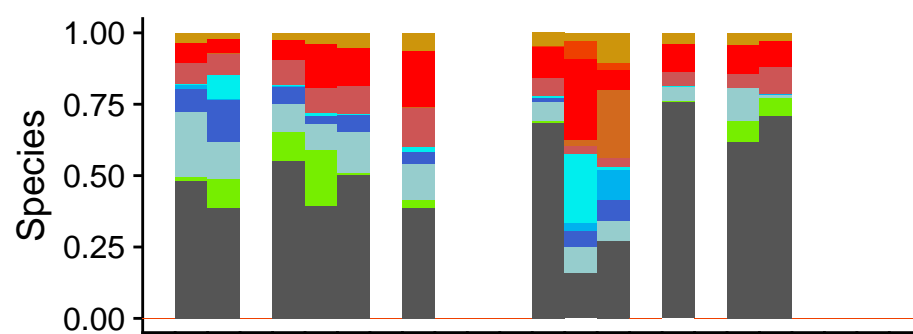
Blank
No



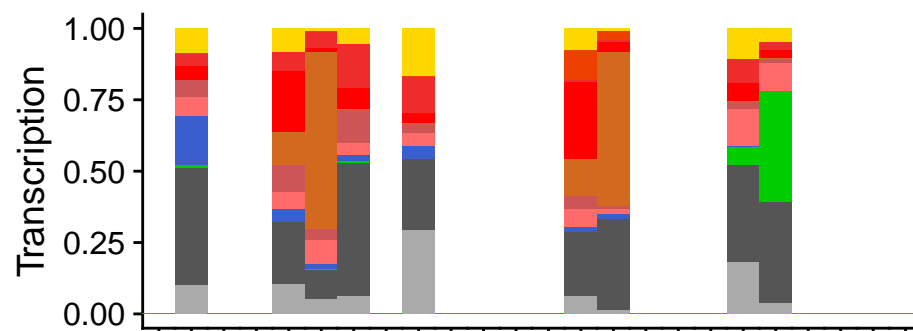
Human Reads
Filtered Reads



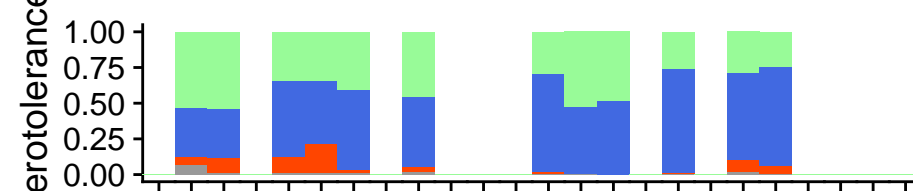
Human Reads
Filtered Reads



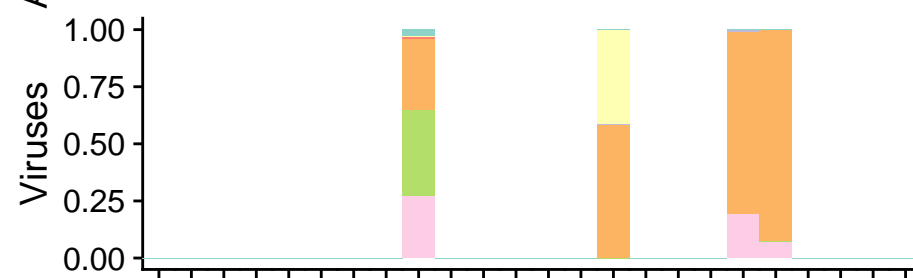
Alistipes putredinis
Bacteroides caccae
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Eubacterium rectale
Eubacterium siraeum
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Escherichia coli
other



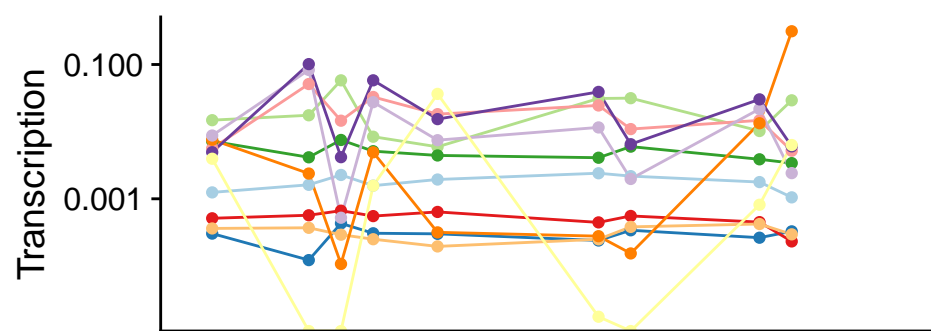
Alistipes onderdonkii
Bacteroides caccae
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides merdae
Parabacteroides distasonis
Faecalibacterium prausnitzii
Akkermansia muciniphila
other
unclassified



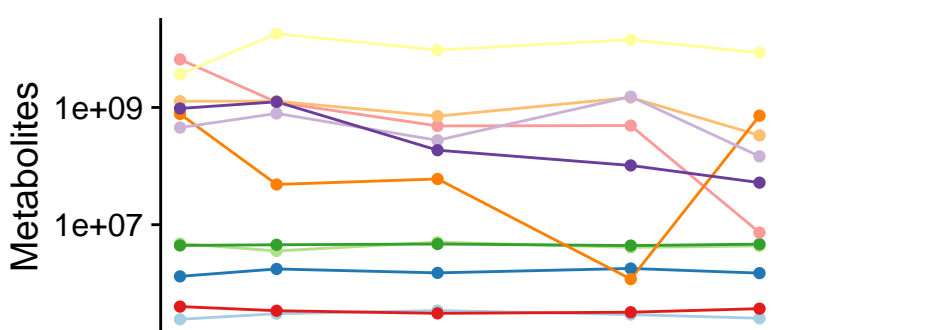
obligate_anaeerobe
aerotolerant
facultative_anaeerobe
unknown



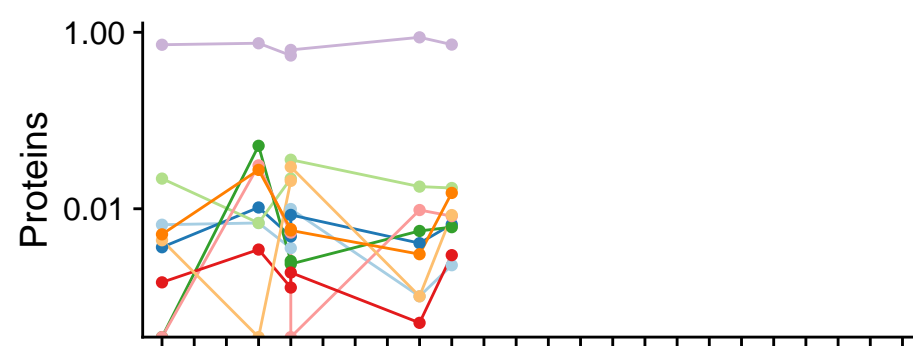
T7virus
Lactococcus phage 936 sensu lato
Lactococcus phage jm2
Leuconostoc phage LLC–1
unclassified Siphoviridae
Gokushovirus WZ–2015a
Watermelon mosaic virus
Pepper mild mottle virus



K01270: dipeptidase D [EC:3.4.13.–]
K01940: argininosuccinate synthase [EC:6.3....
K02078: acyl carrier protein
K02888: large subunit ribosomal protein L21
K03088: RNA polymerase sigma–70 factor, E...
K03595: GTP–binding protein Era
K03771: peptidyl–prolyl cis–trans isomerase ...
K04069: pyruvate formate lyase activating en...
K04077: chaperonin GroEL
K04078: chaperonin GroES
K18919: NO_NAME

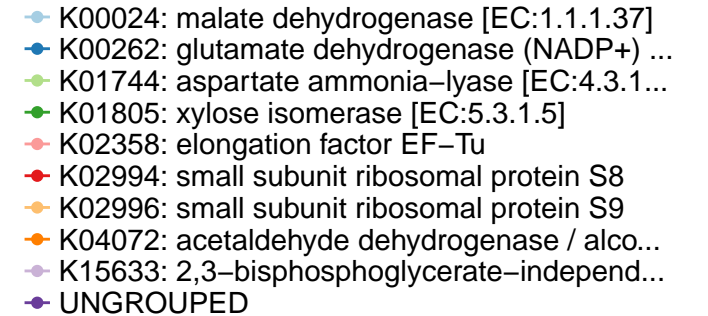
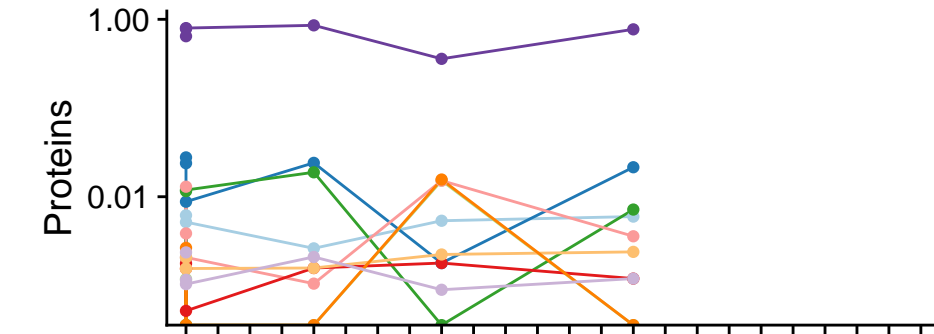
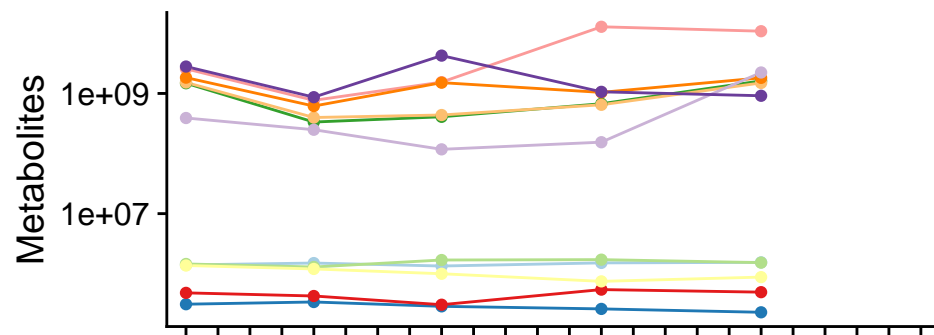
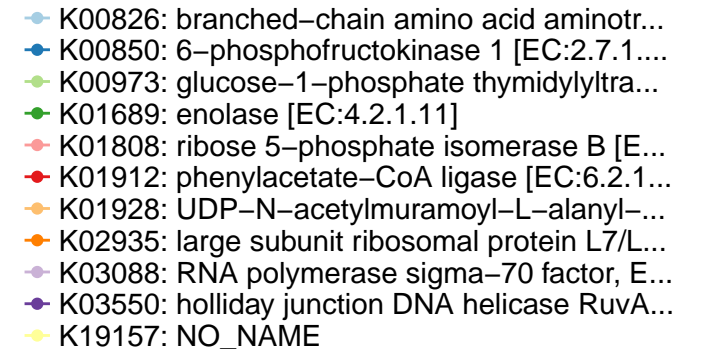
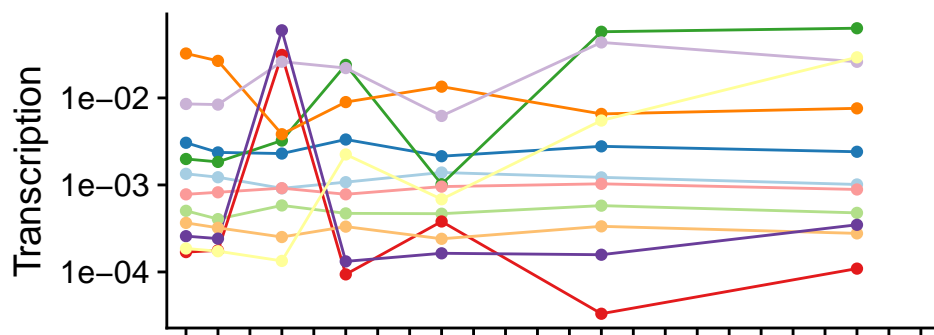
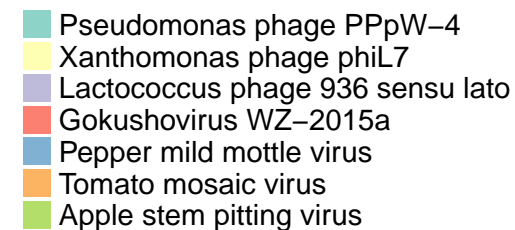
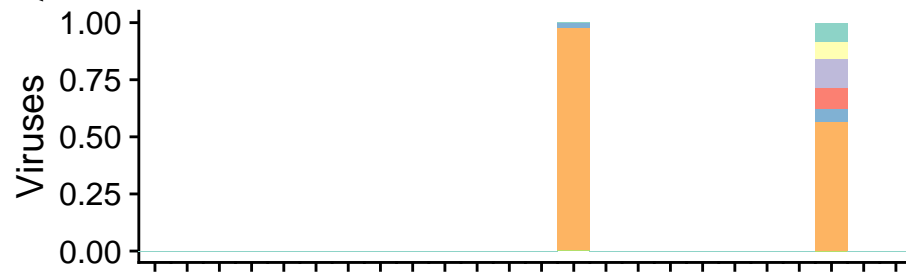
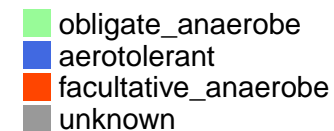
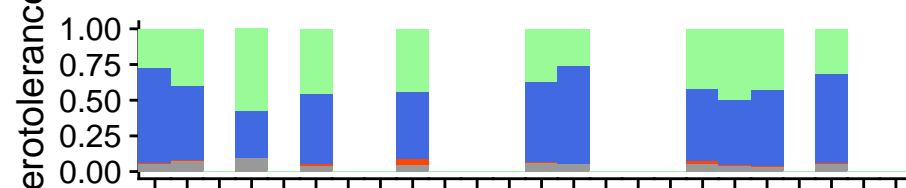
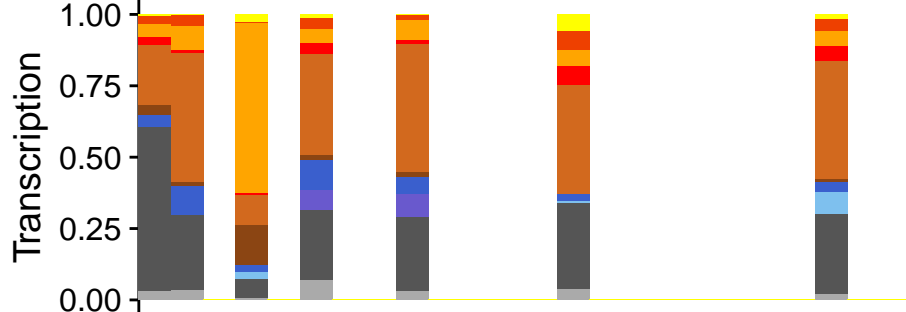
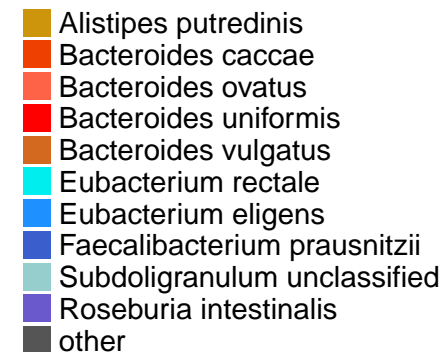
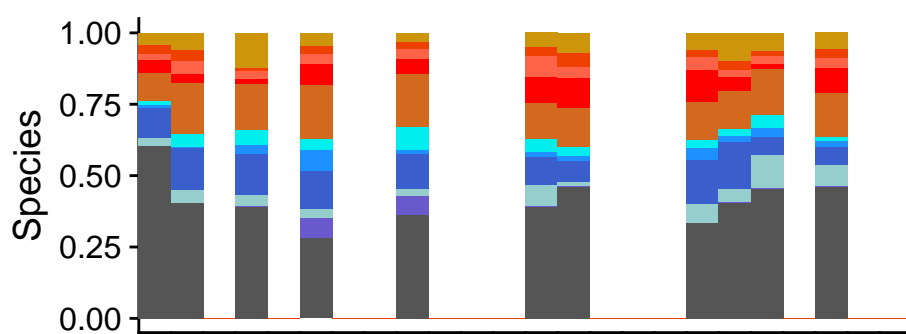
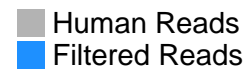
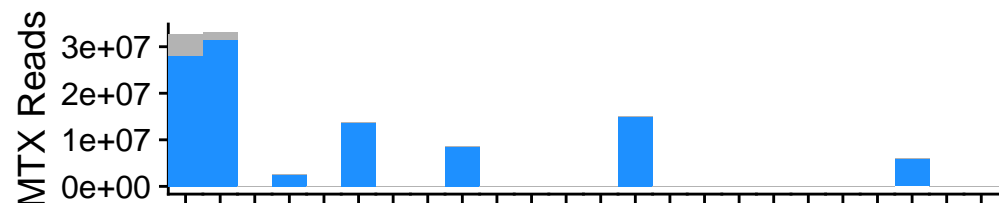
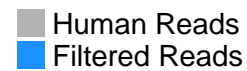
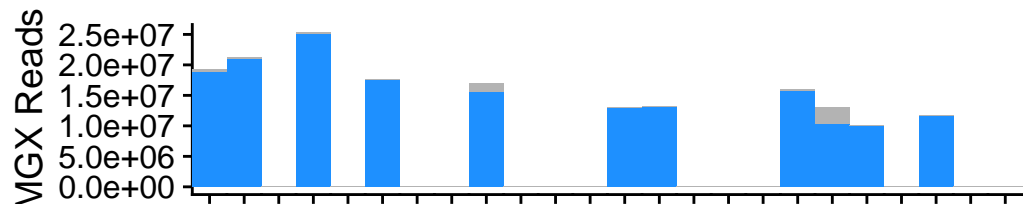
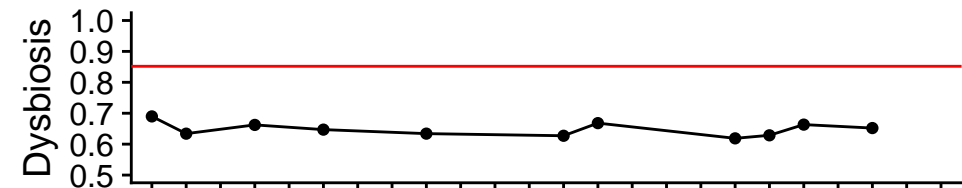
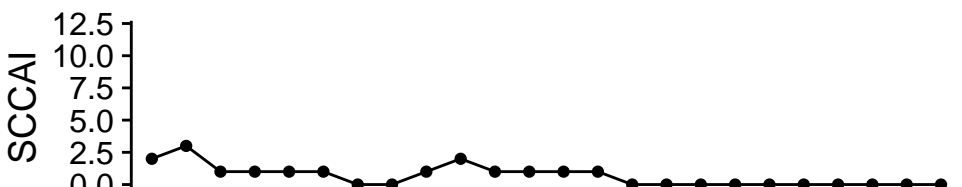
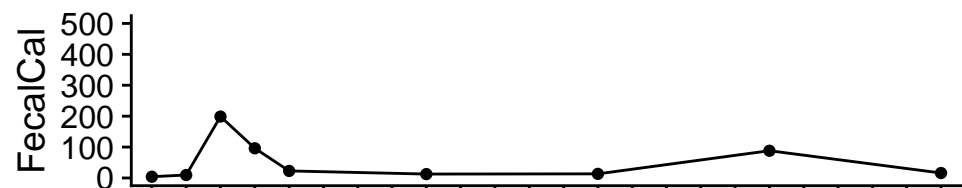
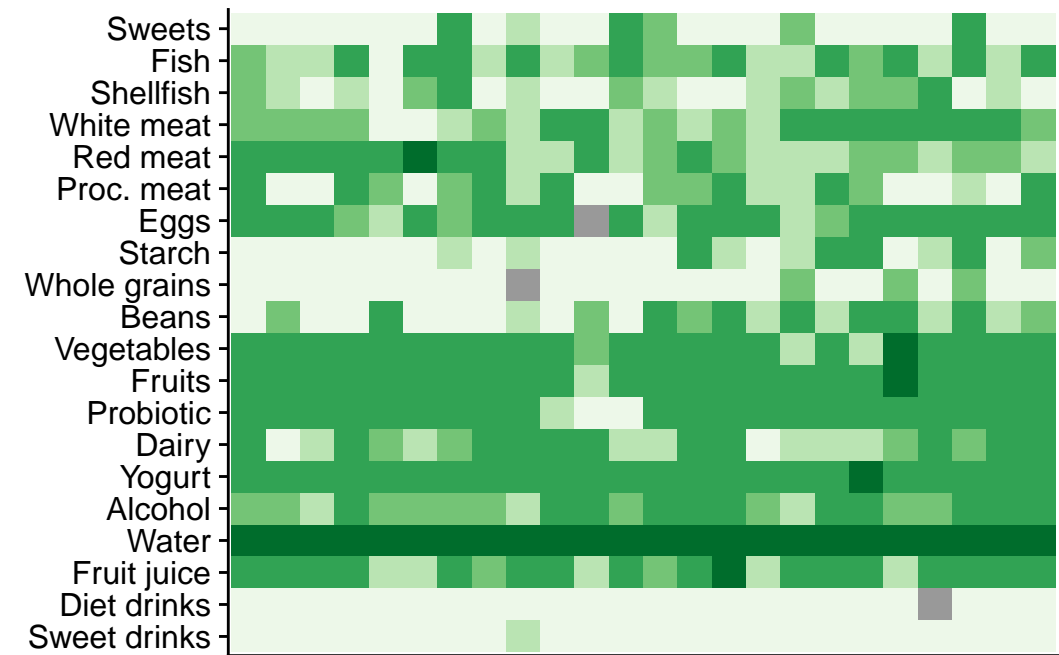


1,2,4–trimethylbenzene
C20:0 LPE
cholesterol
hydrochlorothiazide
L–urobilin
lactate
methylimidazole acetic acid
NH4_C54:3 TAG
phenylalanine
spermidine
sulfapyridine

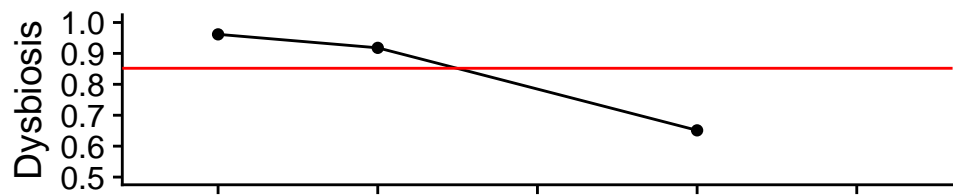
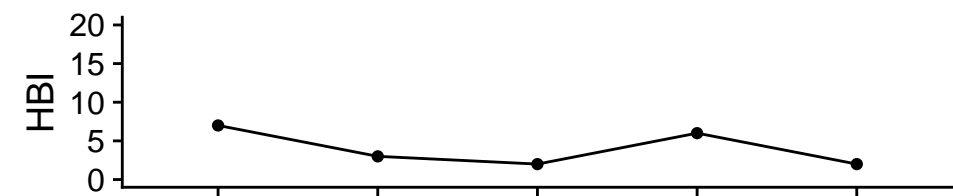
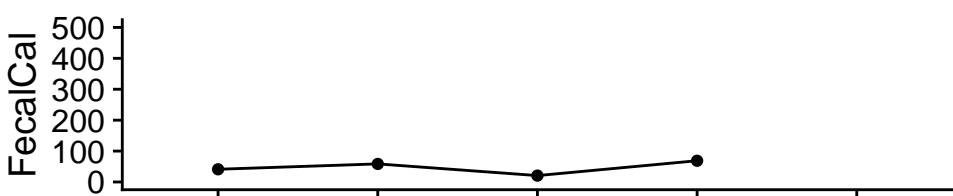
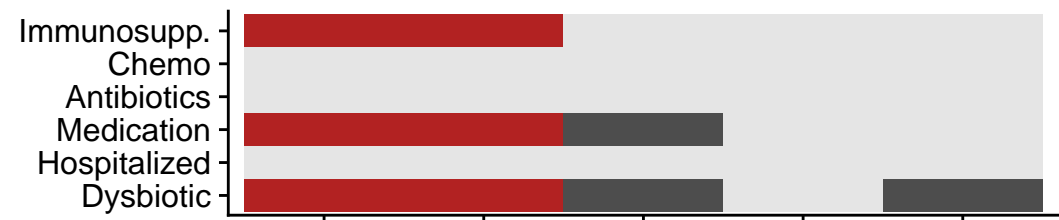
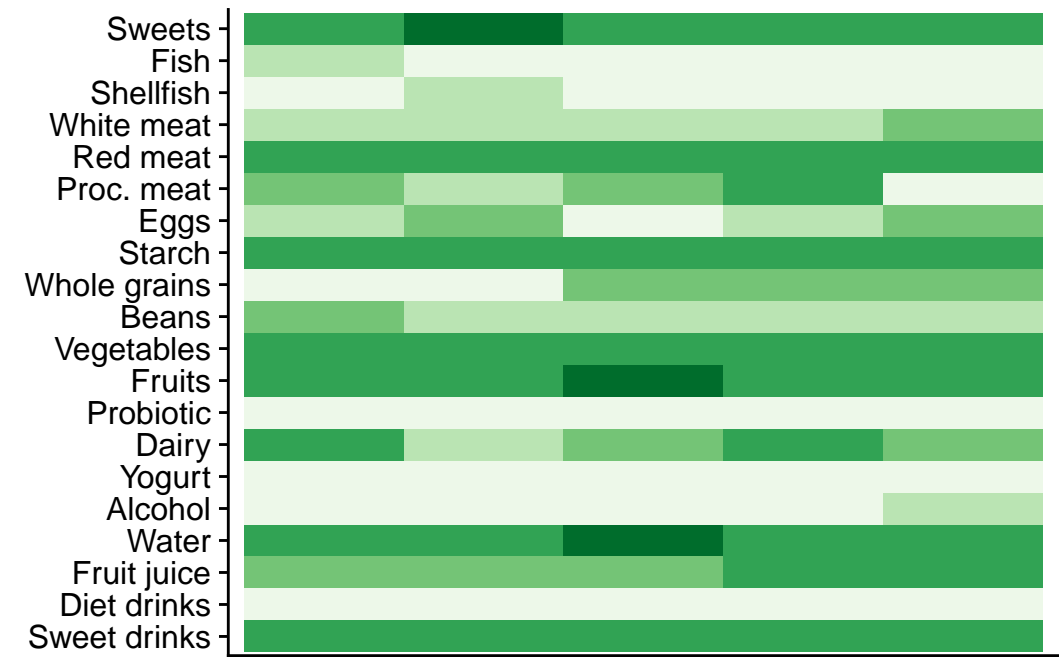


K00074: 3–hydroxybutyryl–CoA dehydrogena...
K00134: glyceraldehyde 3–phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01803: triosephosphate isomerase (TIM) [E...
K01805: xylose isomerase [EC:5.3.1.5]
K02027: multiple sugar transport system sub...
K02358: elongation factor EF–Tu
K10117: raffinose/stachyose/melibiose transp...

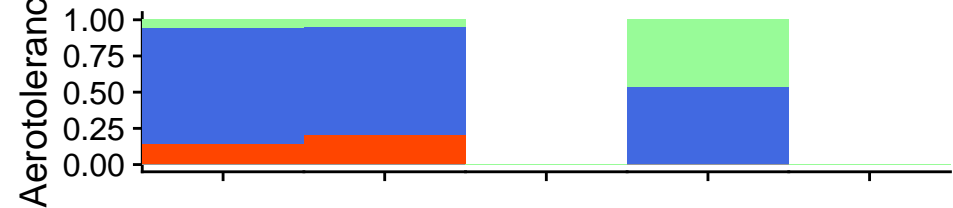
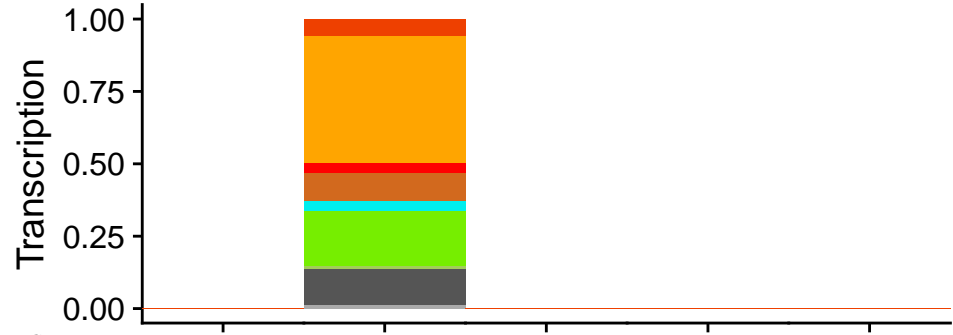
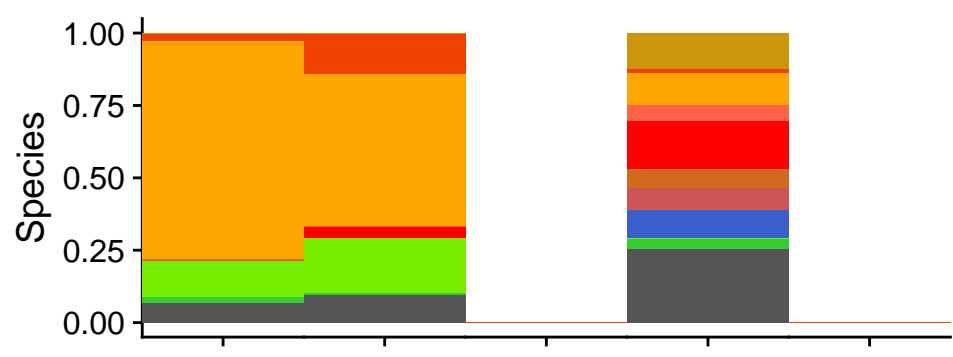
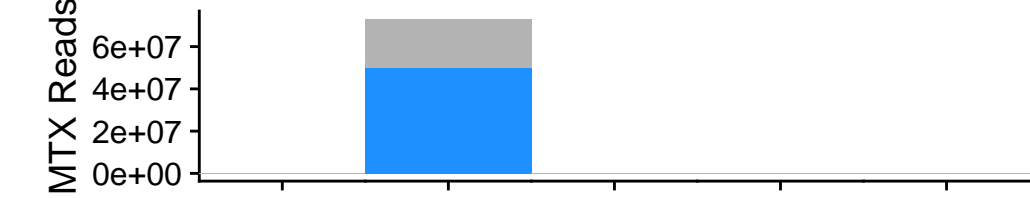
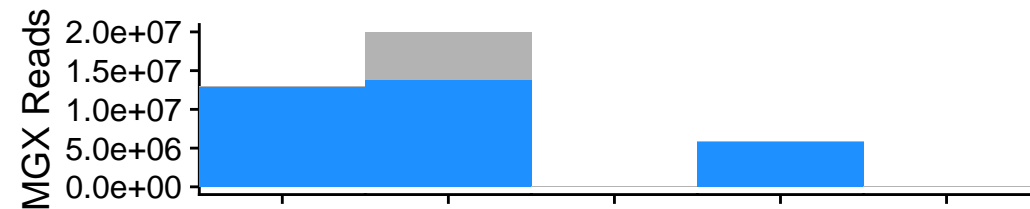
C3006: 32 Male White Cedars–Sinai | UC



C3007: NA Female White Cedars–Sinai | CD



Serology

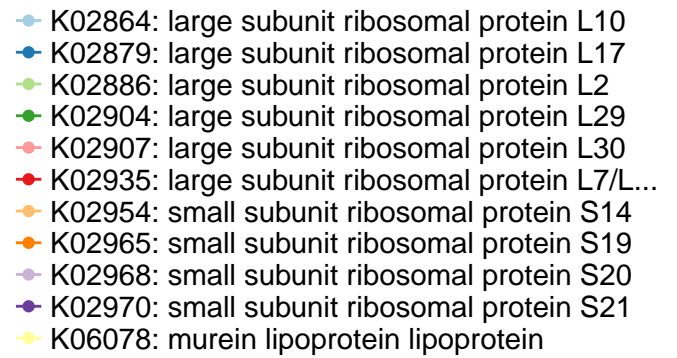
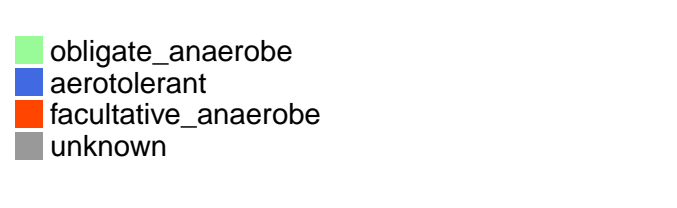
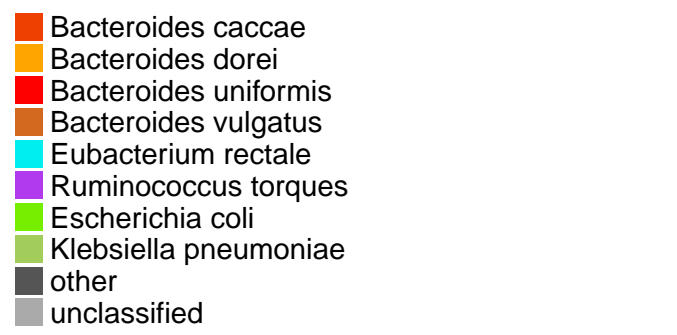
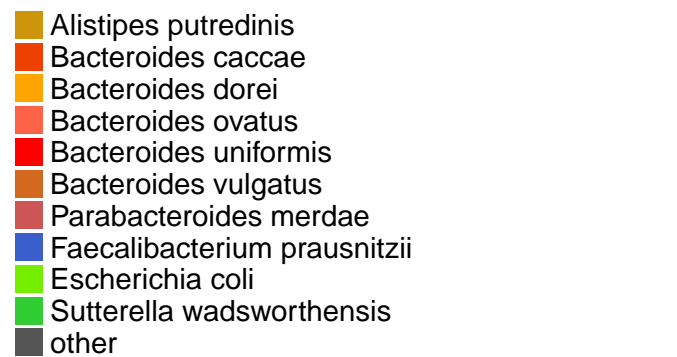


Viruses

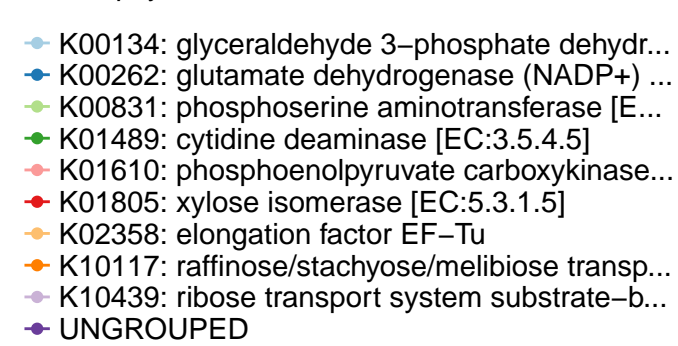
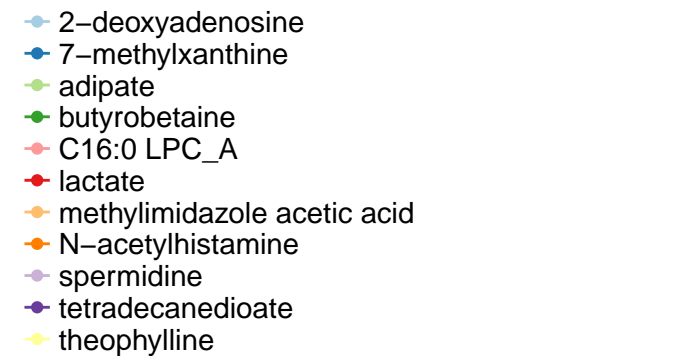
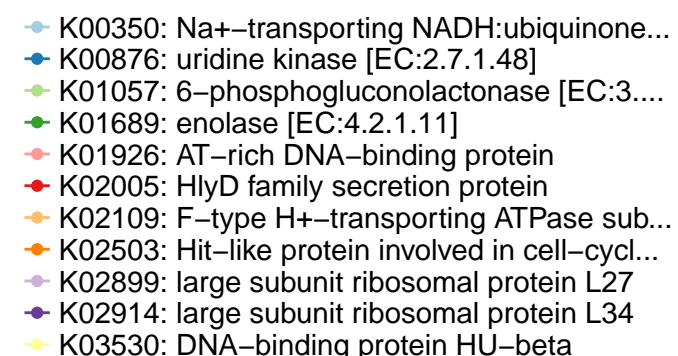
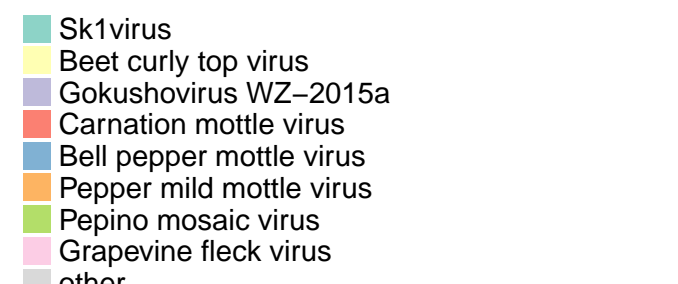
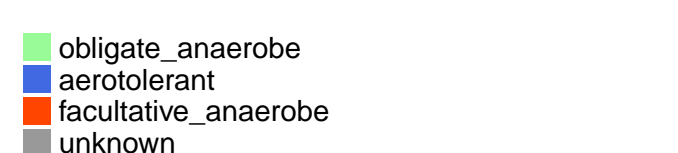
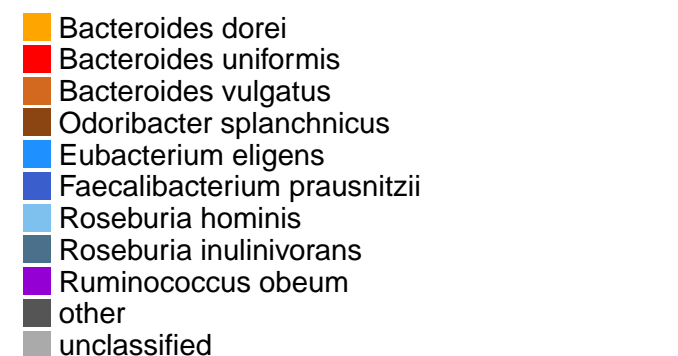
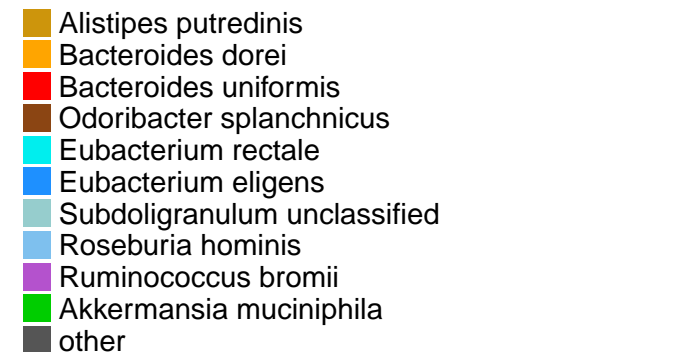
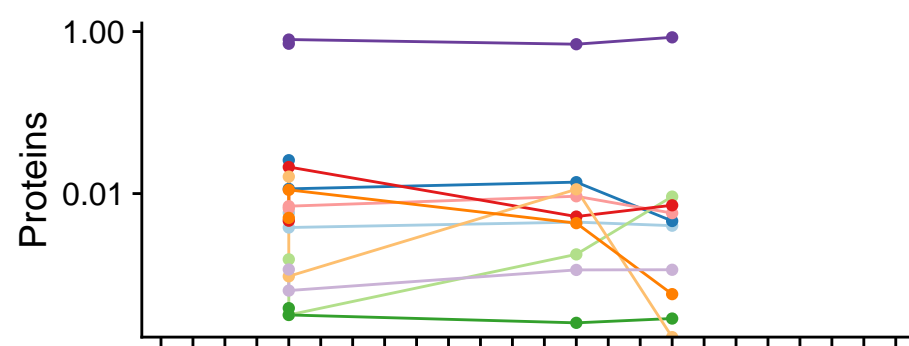
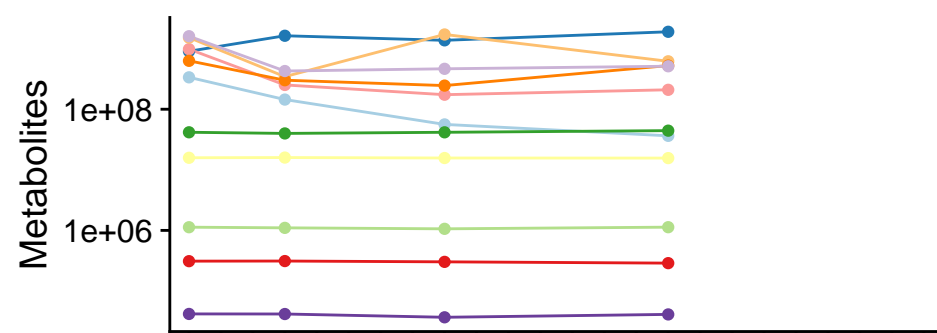
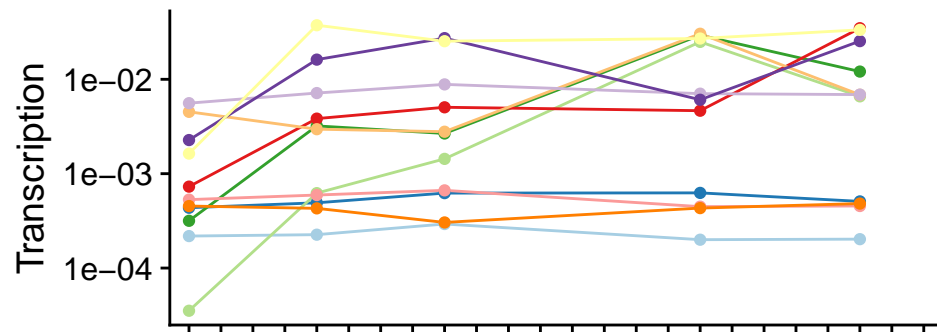
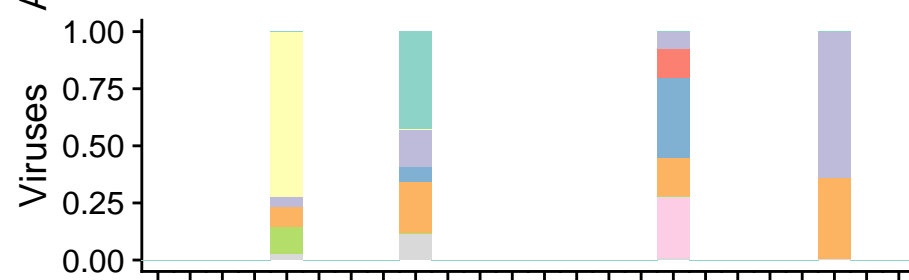
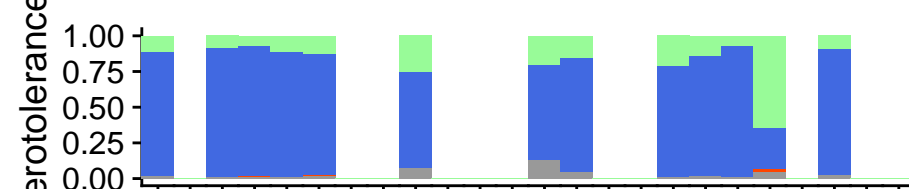
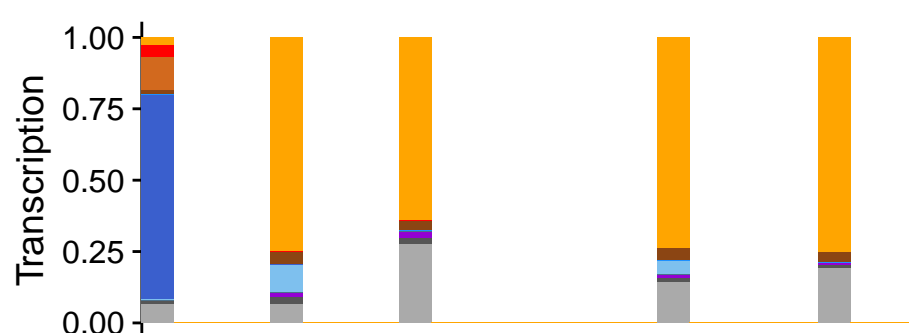
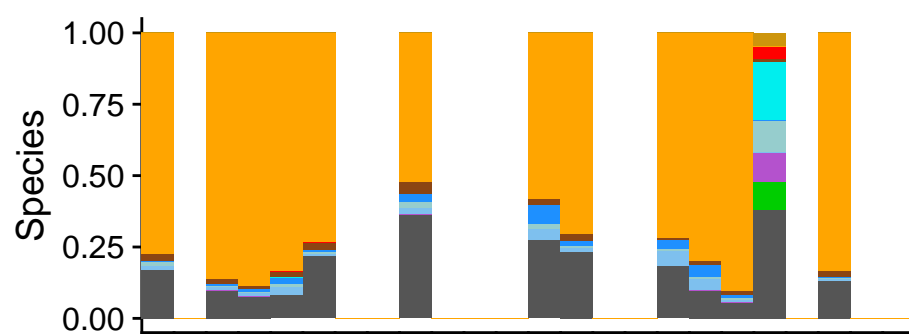
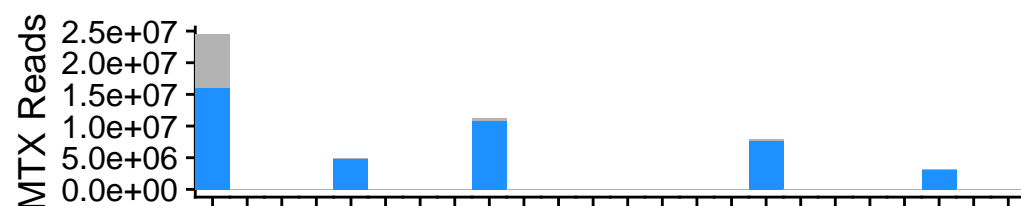
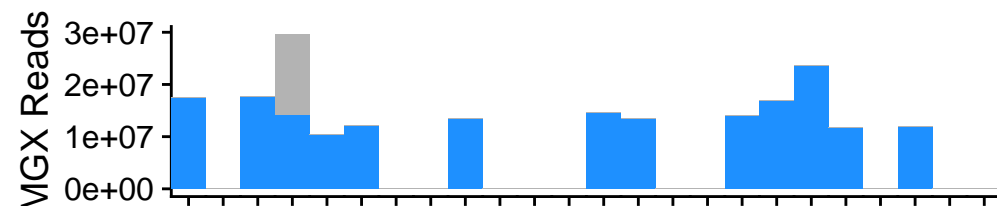
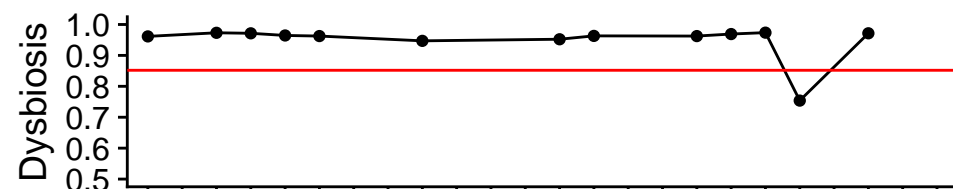
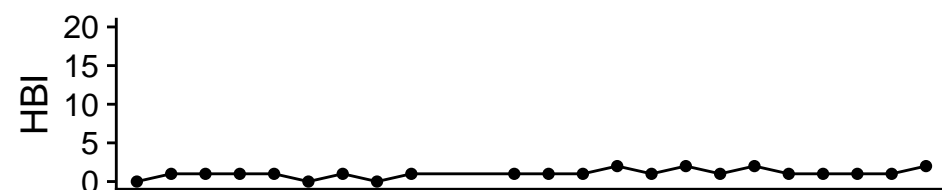
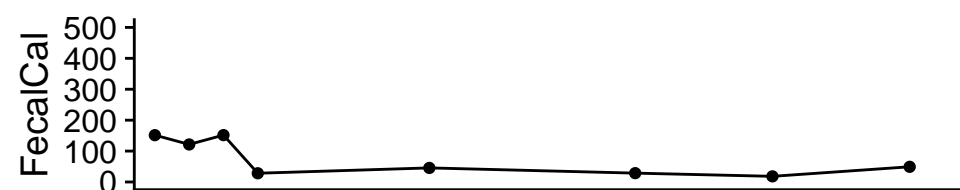
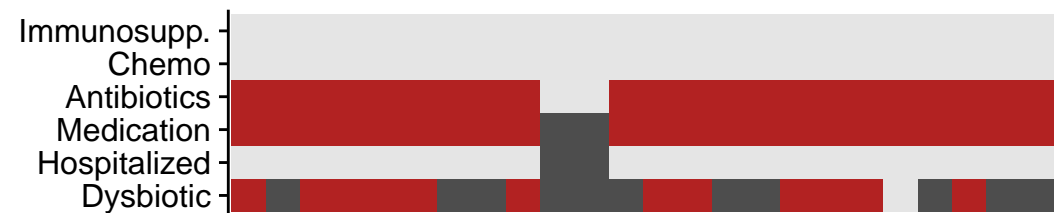
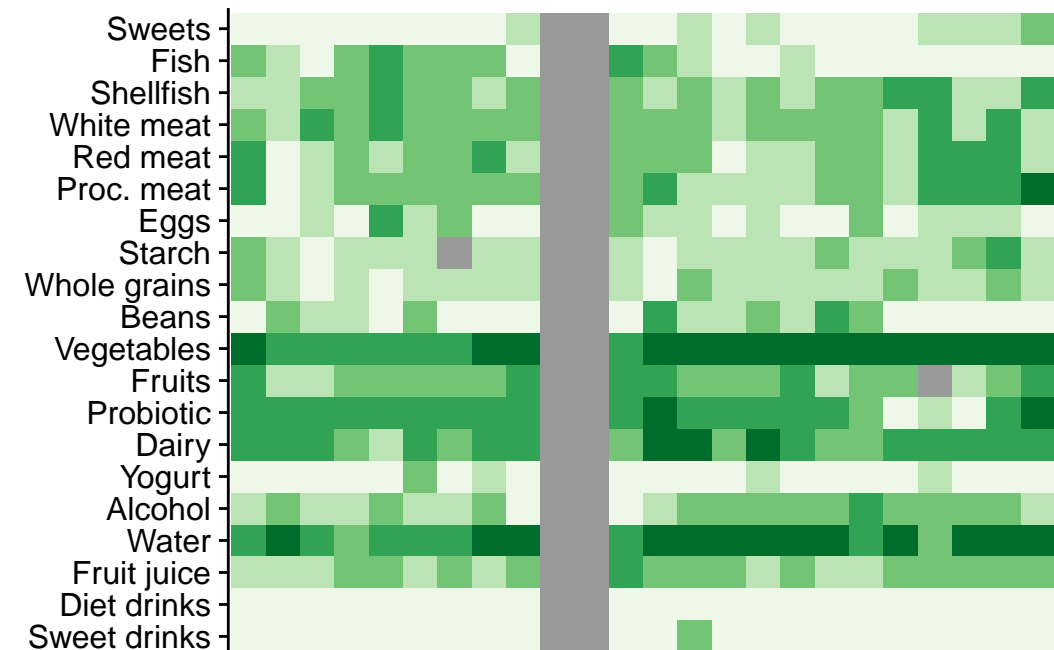
Transcription

Metabolites

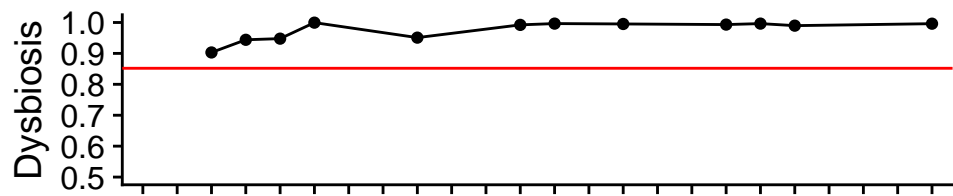
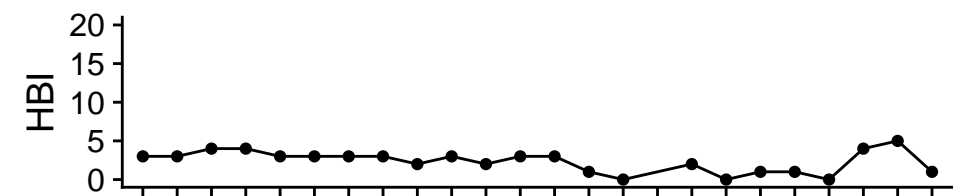
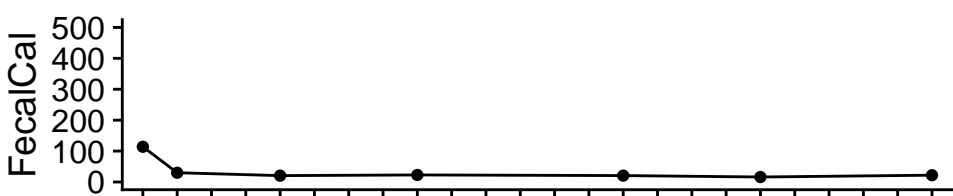
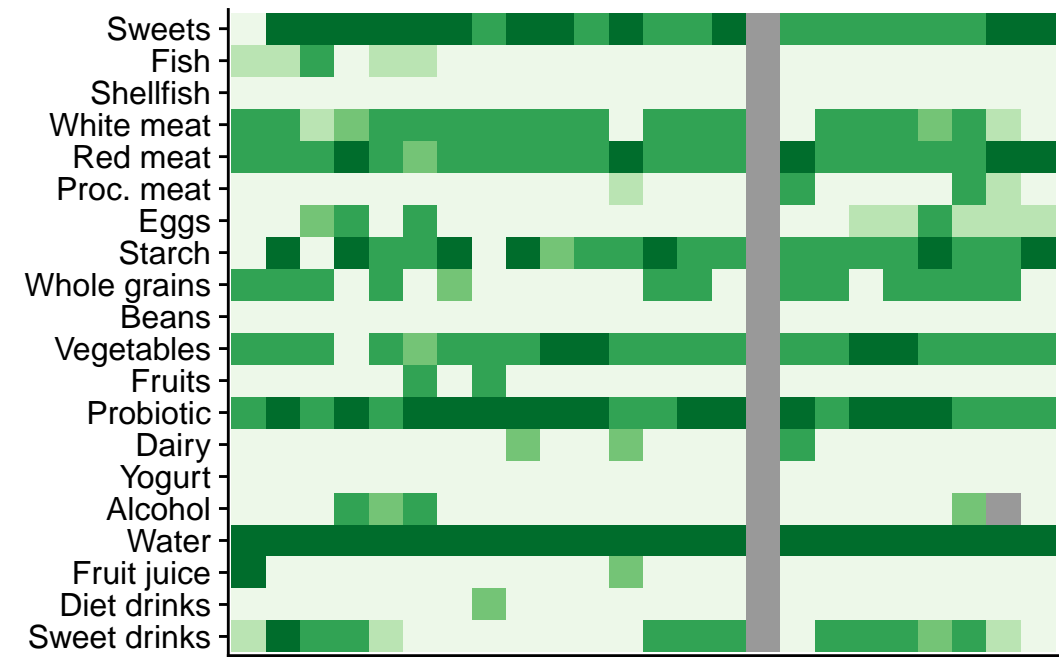
Proteins



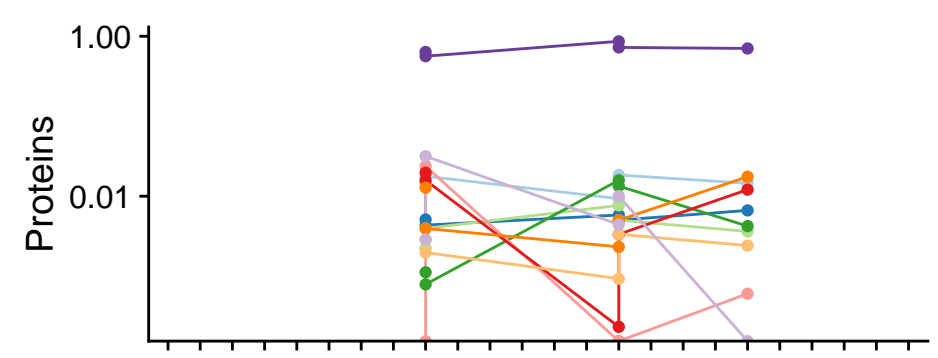
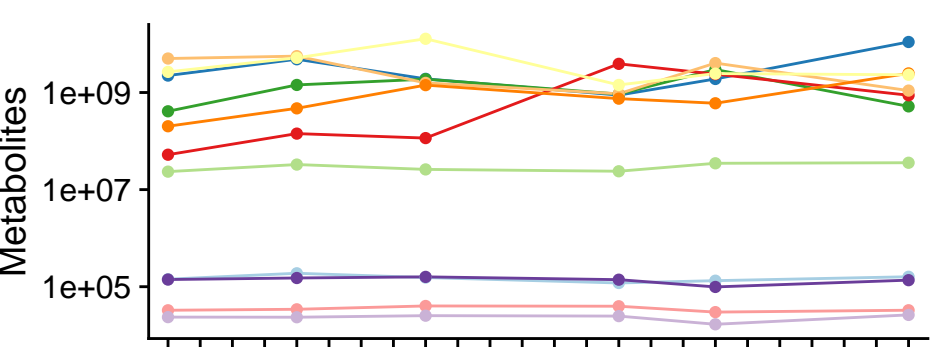
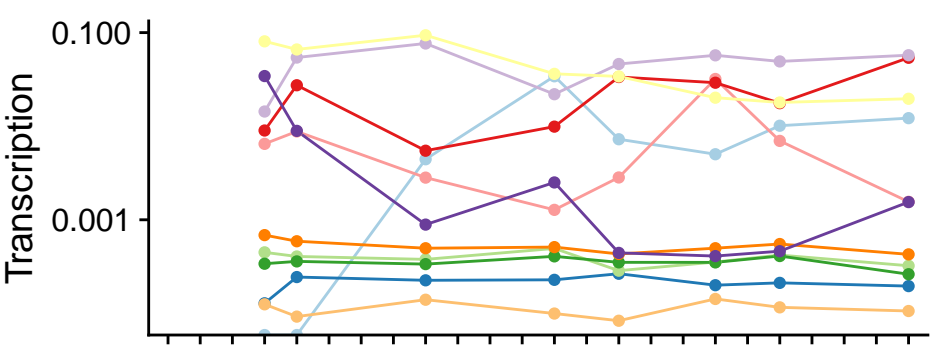
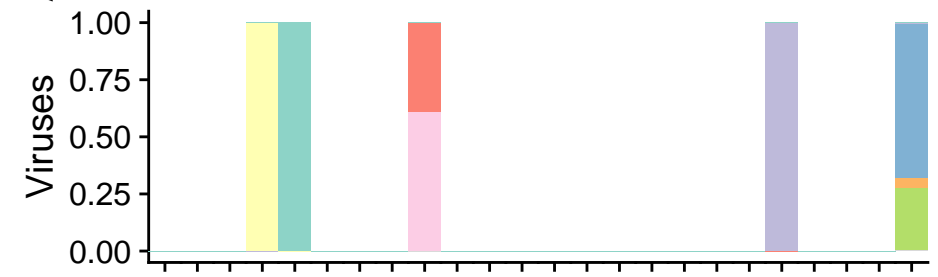
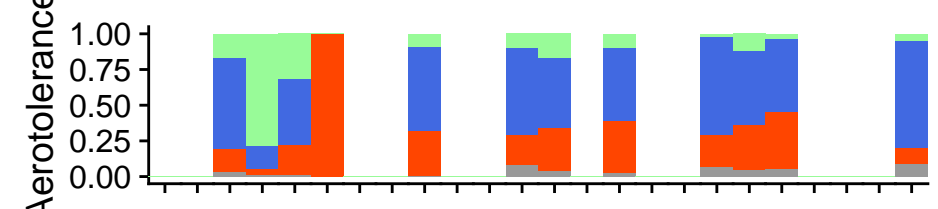
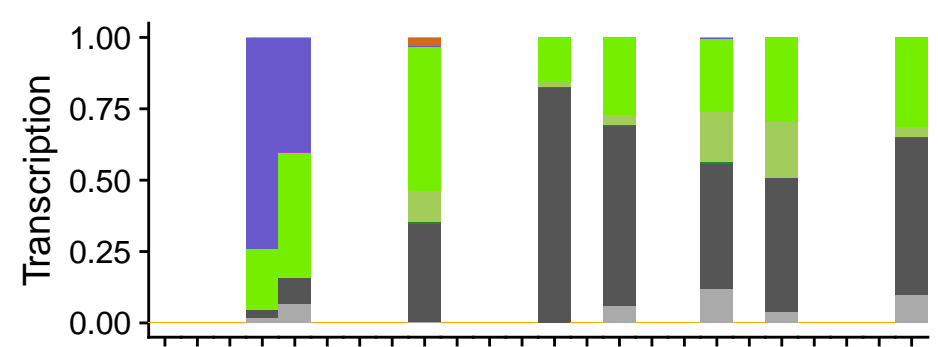
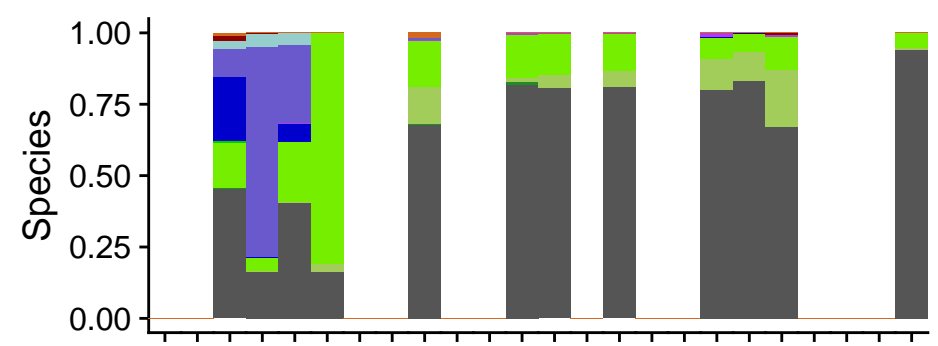
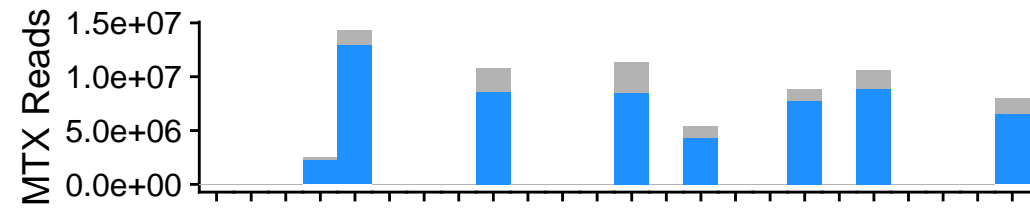
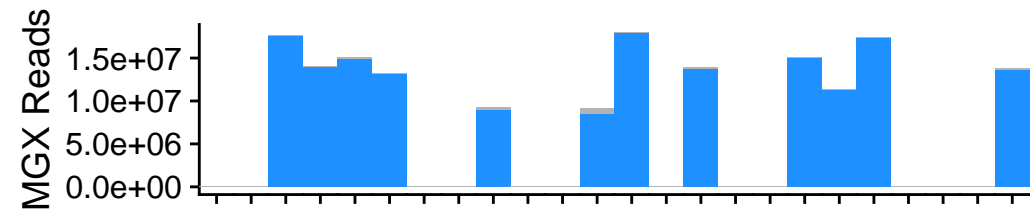
C3008: 53 Female White Cedars–Sinai | CD



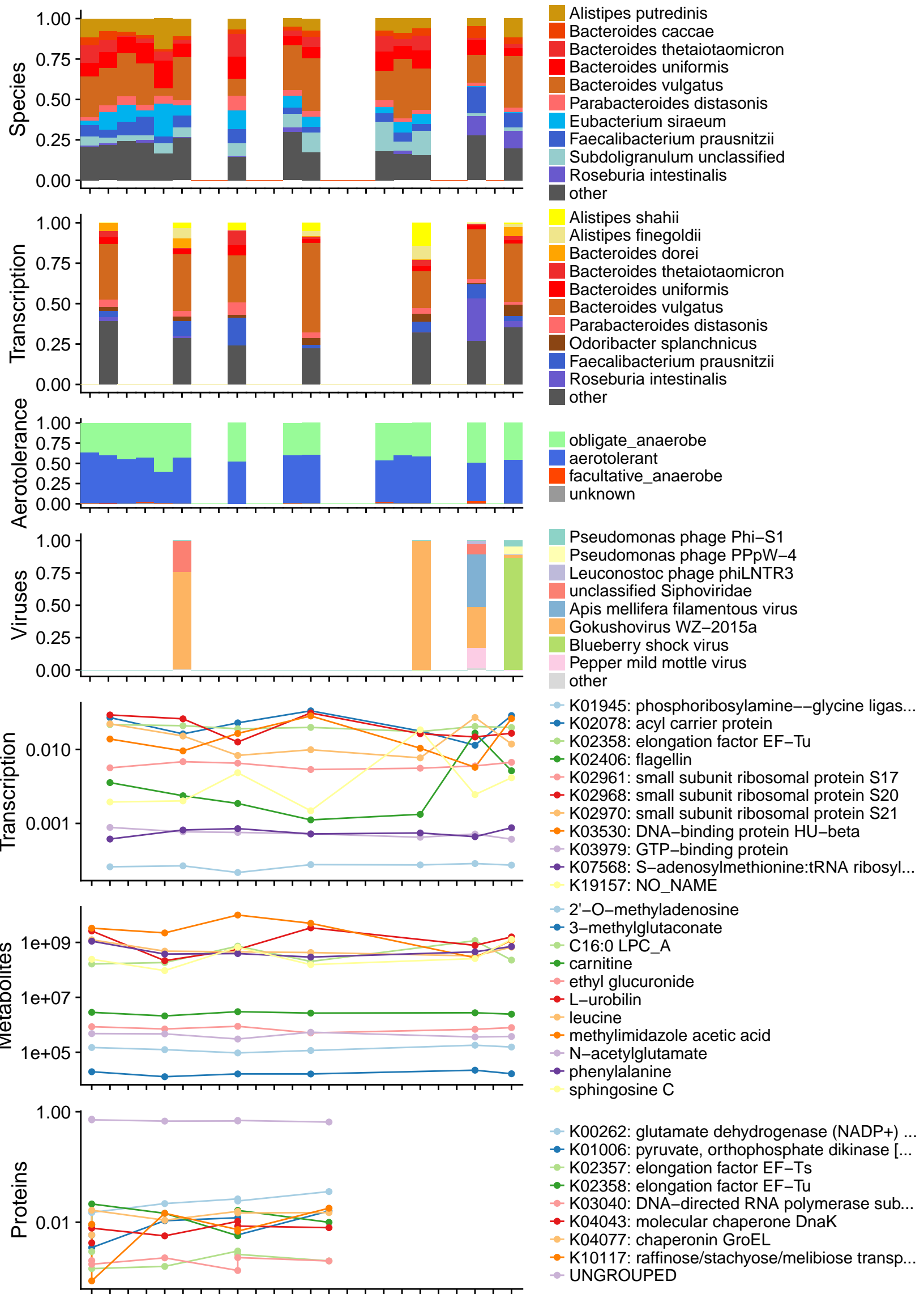
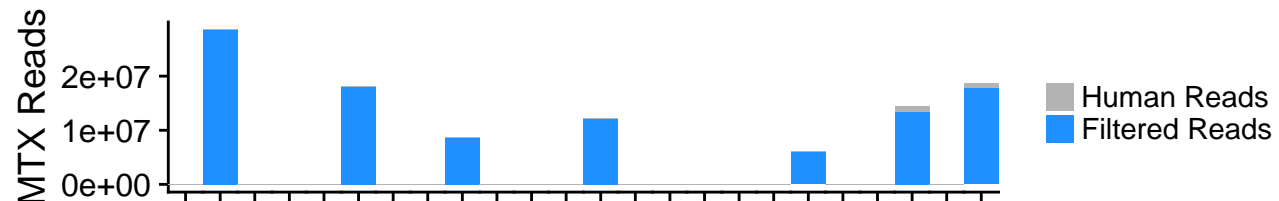
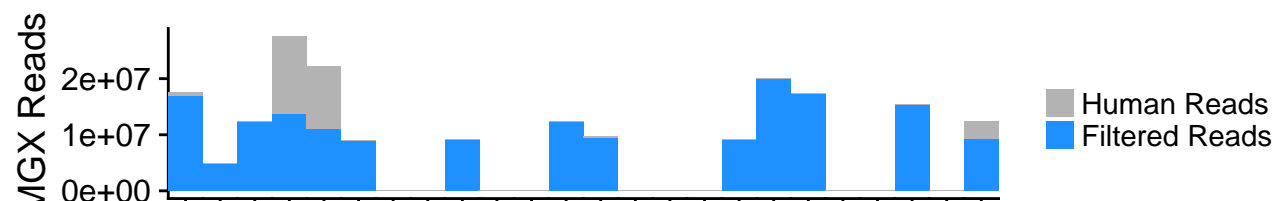
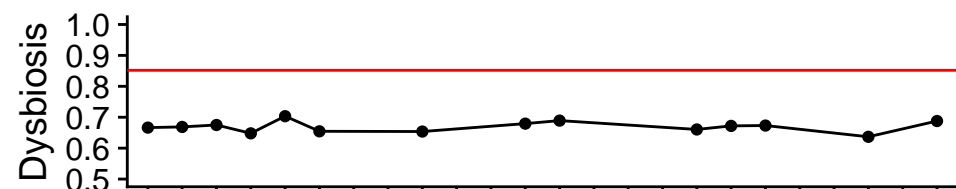
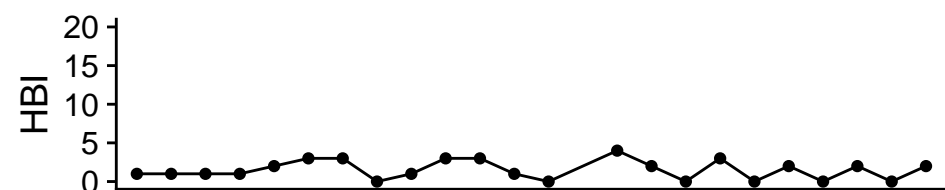
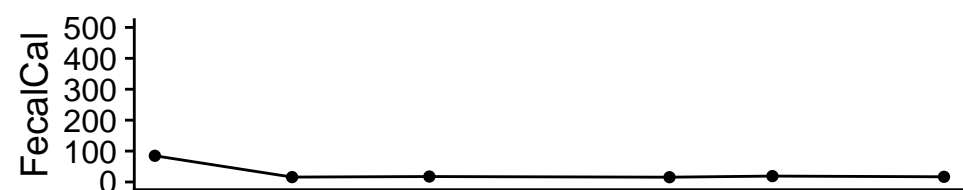
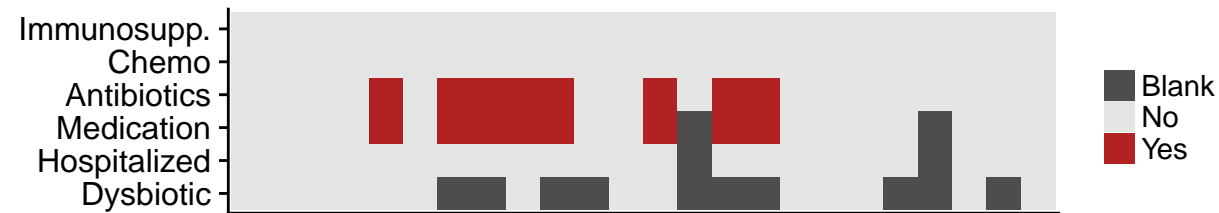
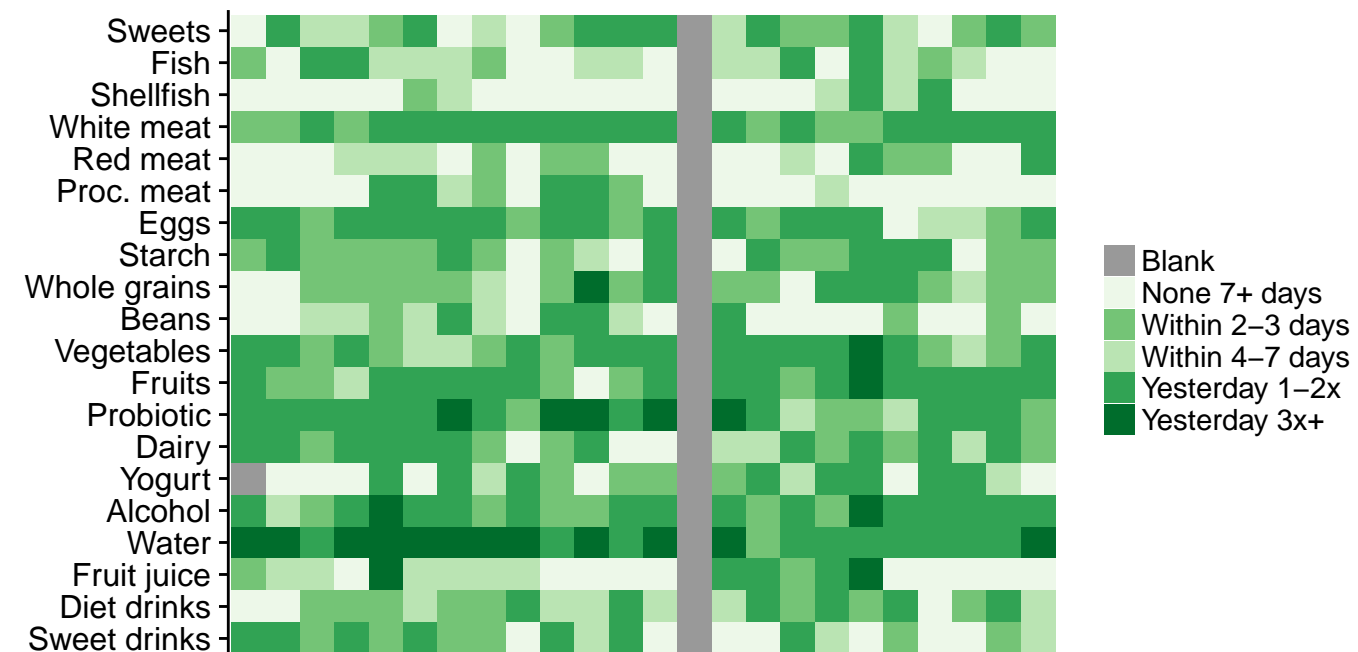
C3009: 56 Male White Cedars–Sinai | CD L3



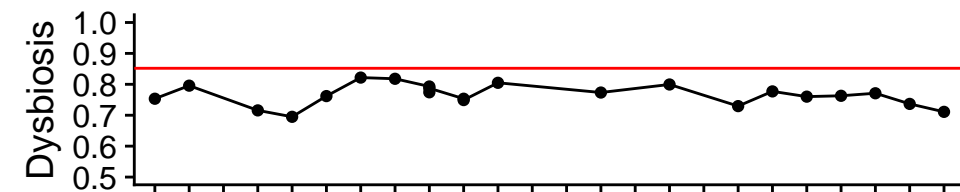
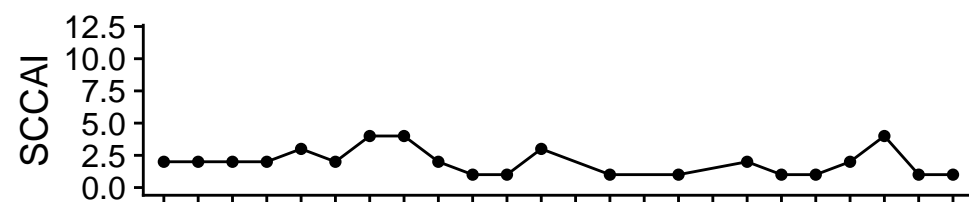
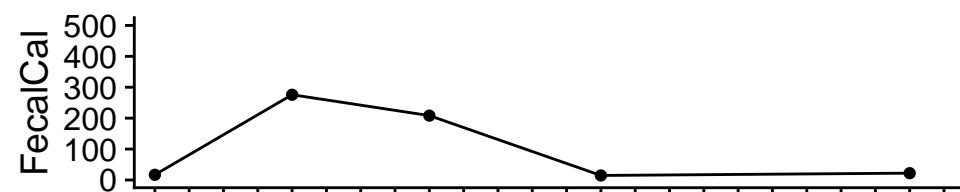
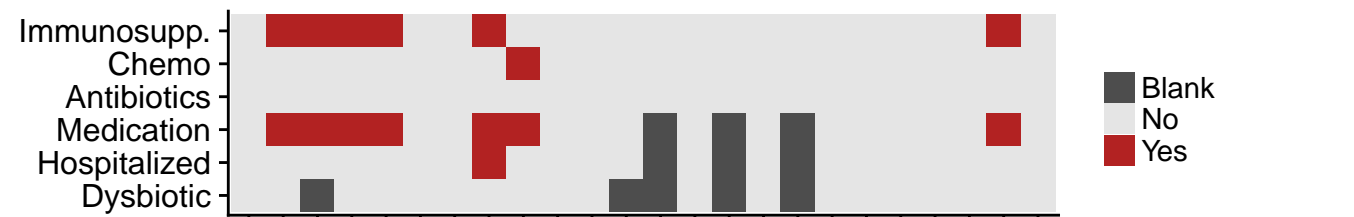
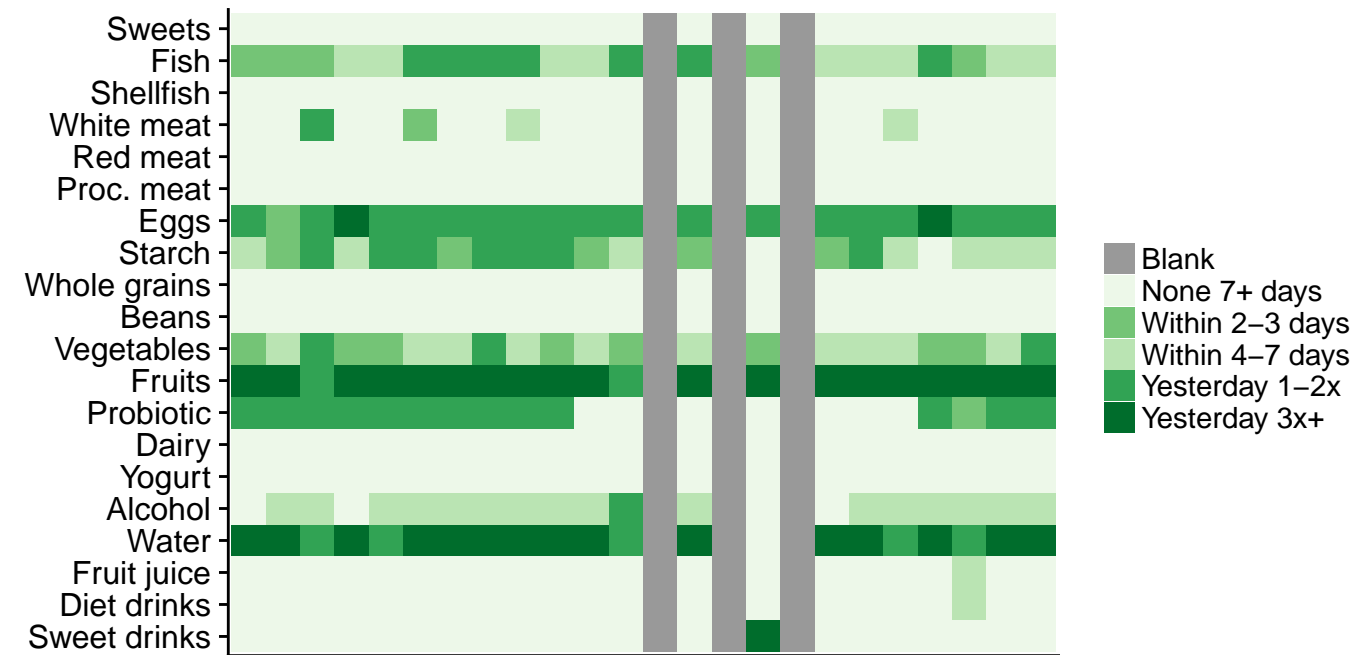
Serology



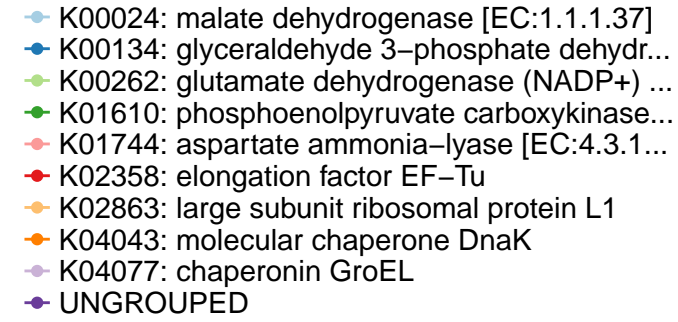
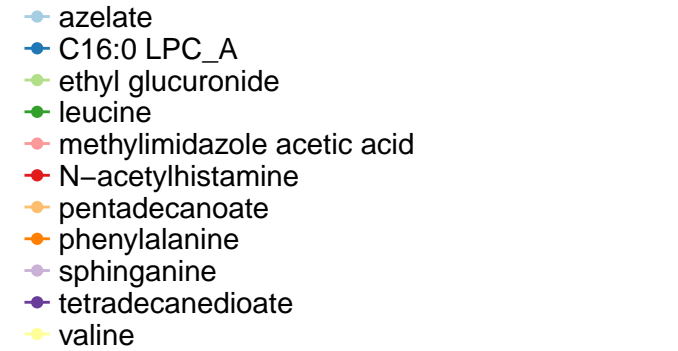
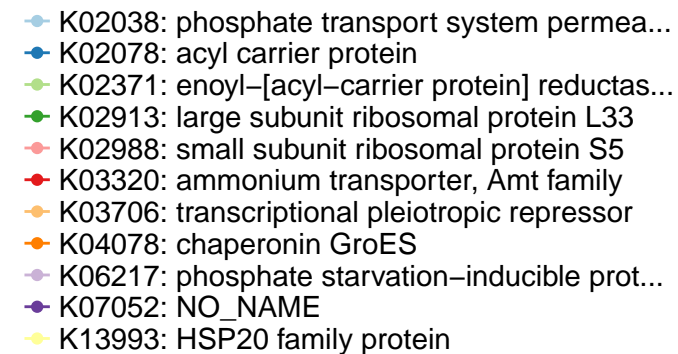
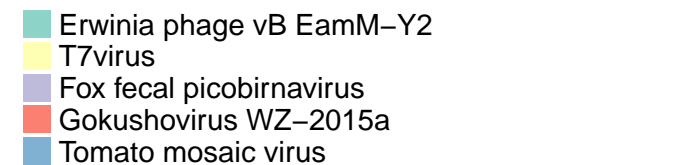
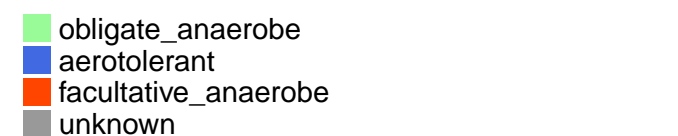
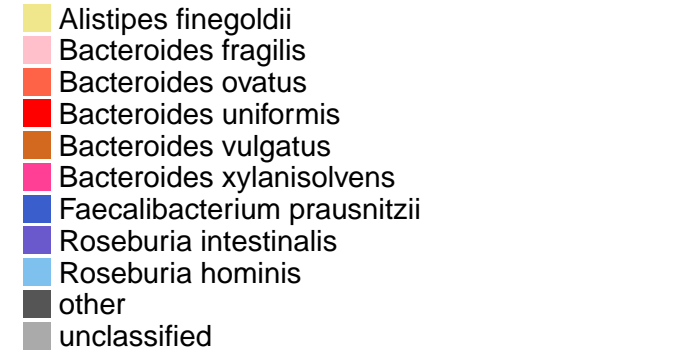
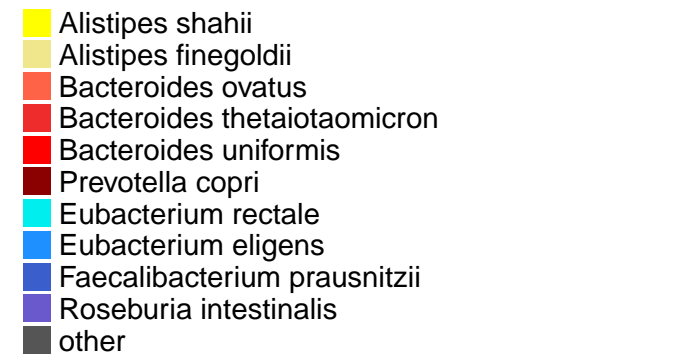
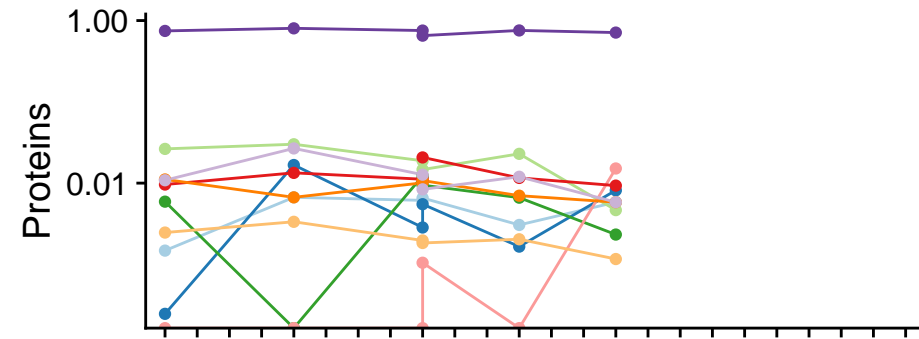
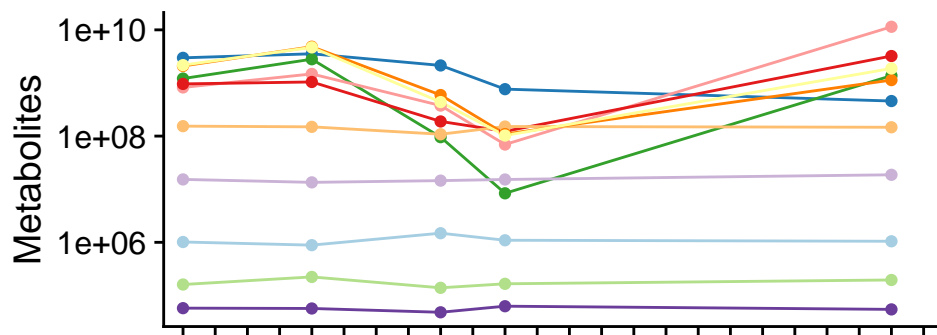
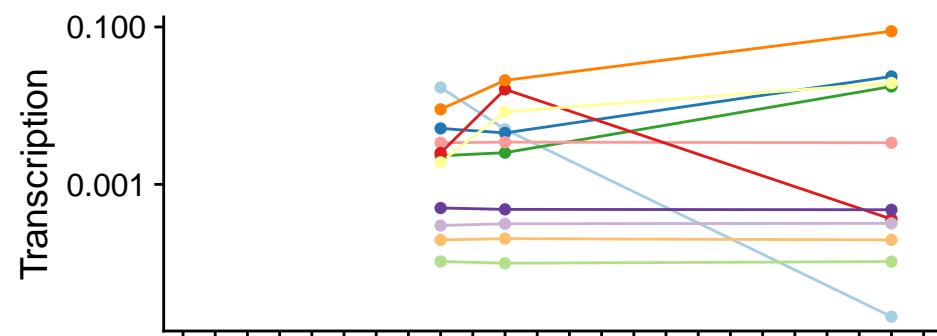
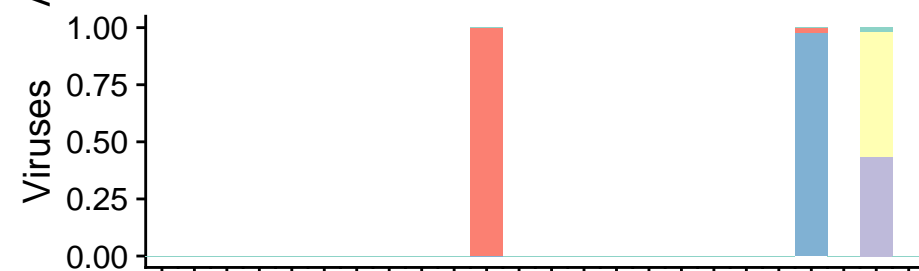
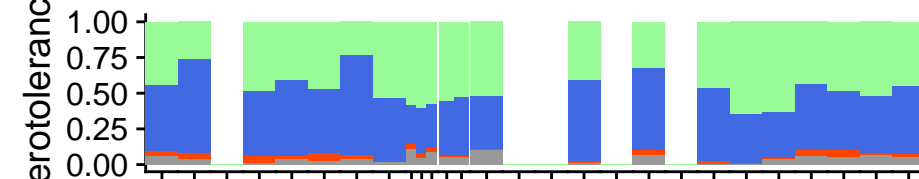
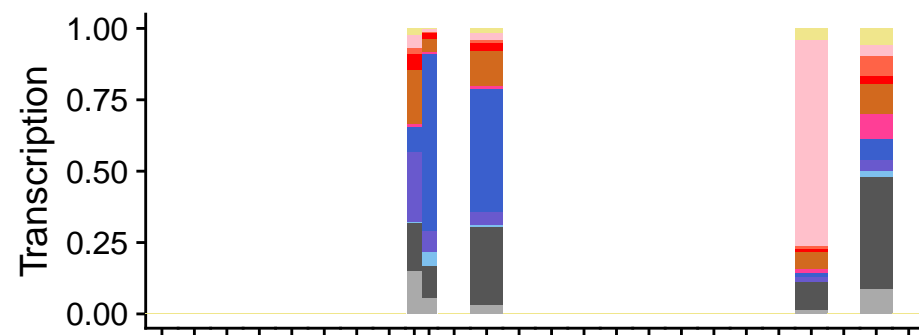
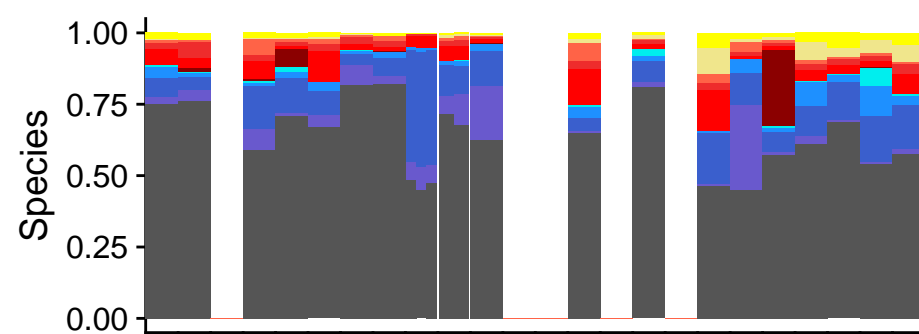
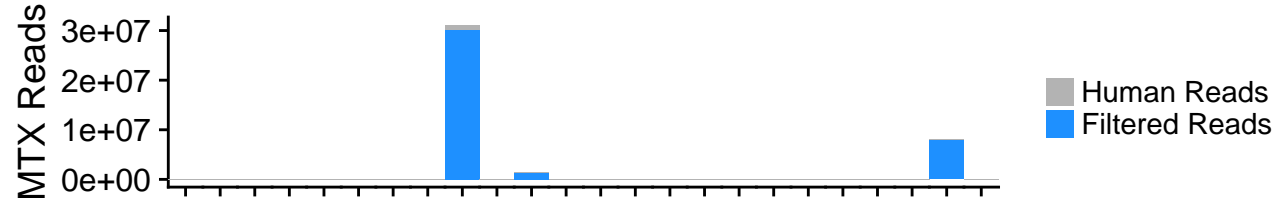
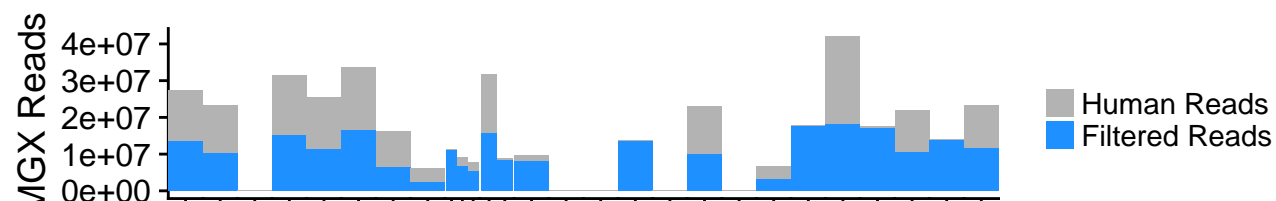
C3010: 51 Female White Cedars–Sinai | CD L3



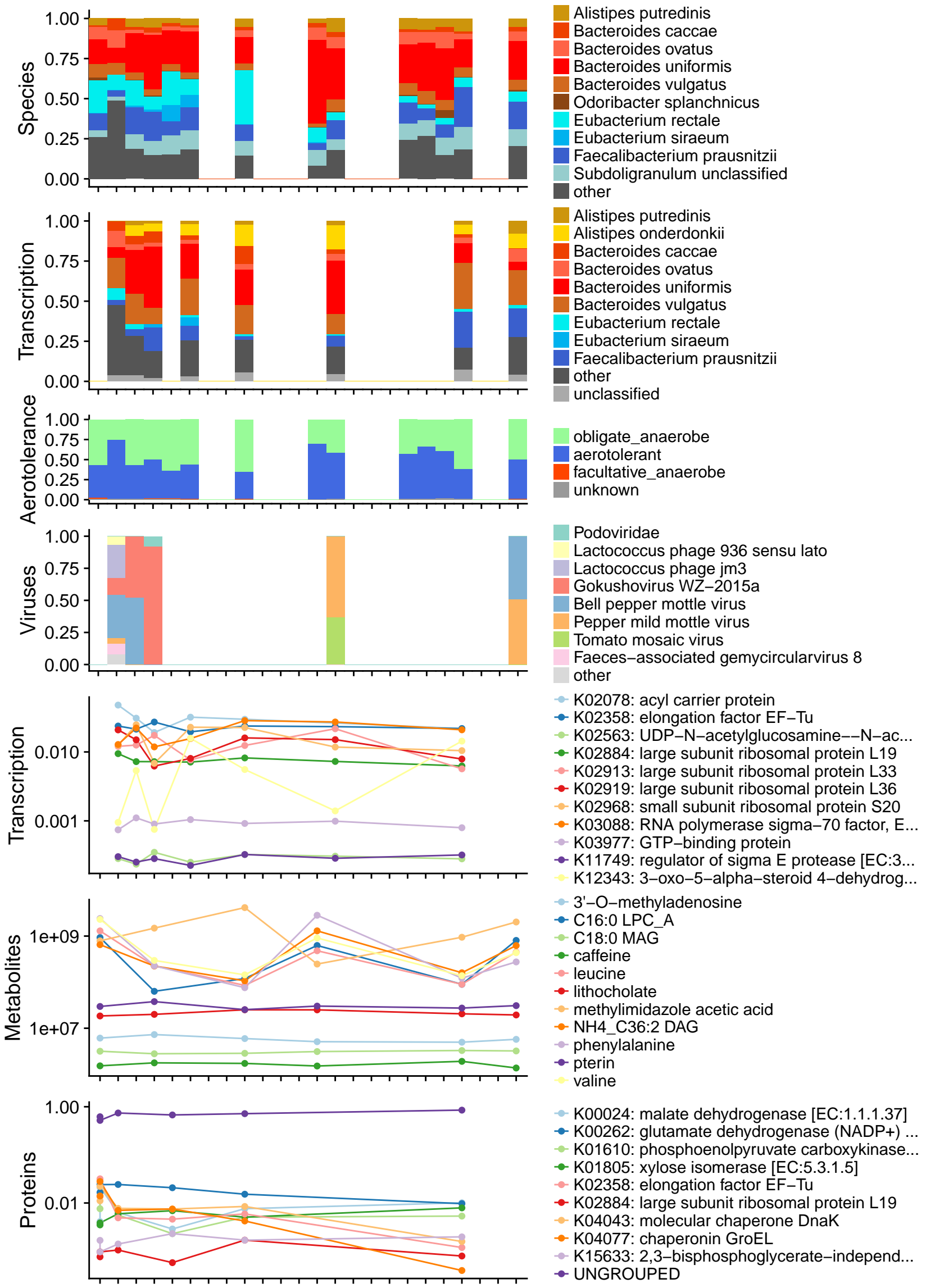
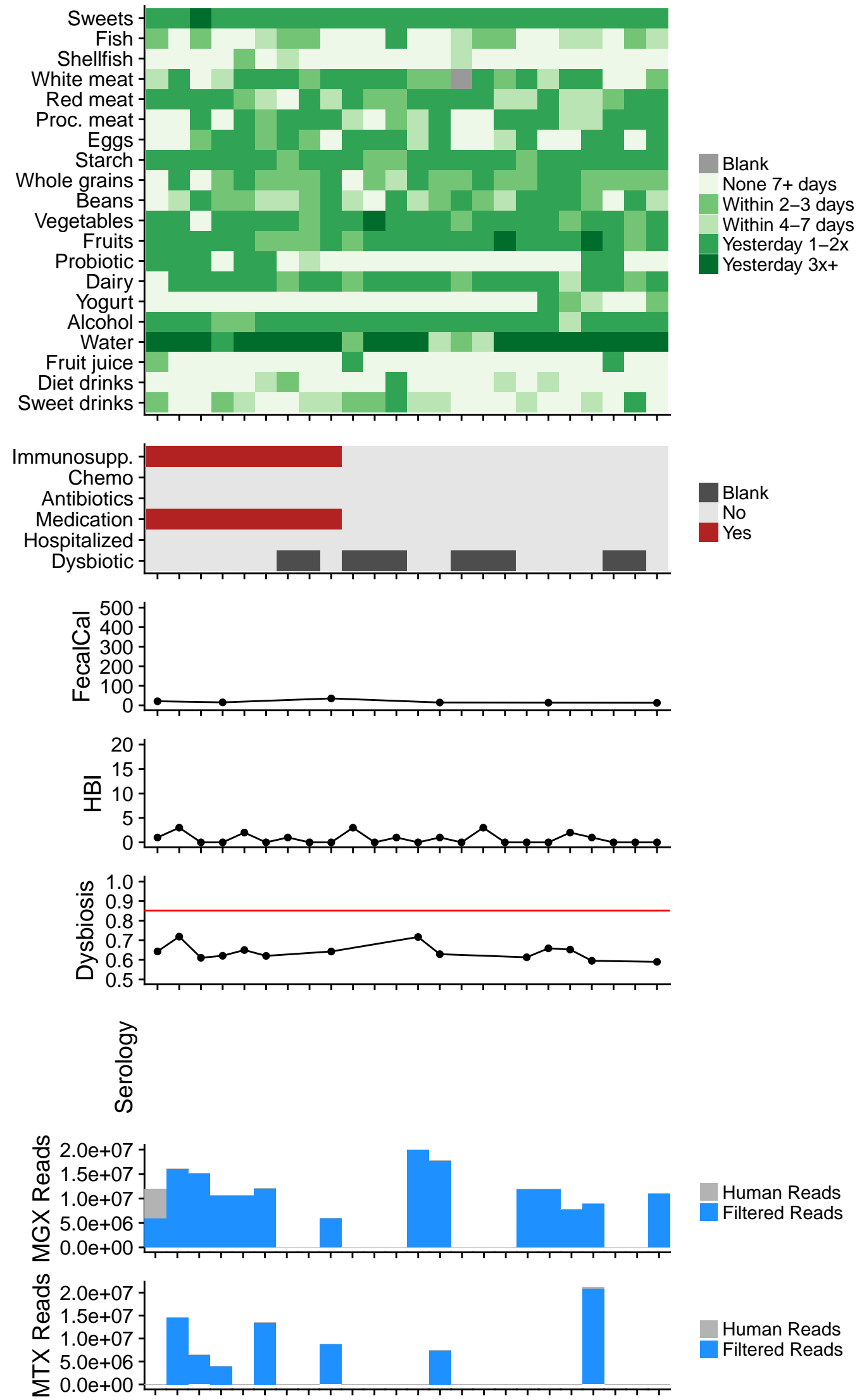
C3011: 37 Female White Cedars–Sinai | UC



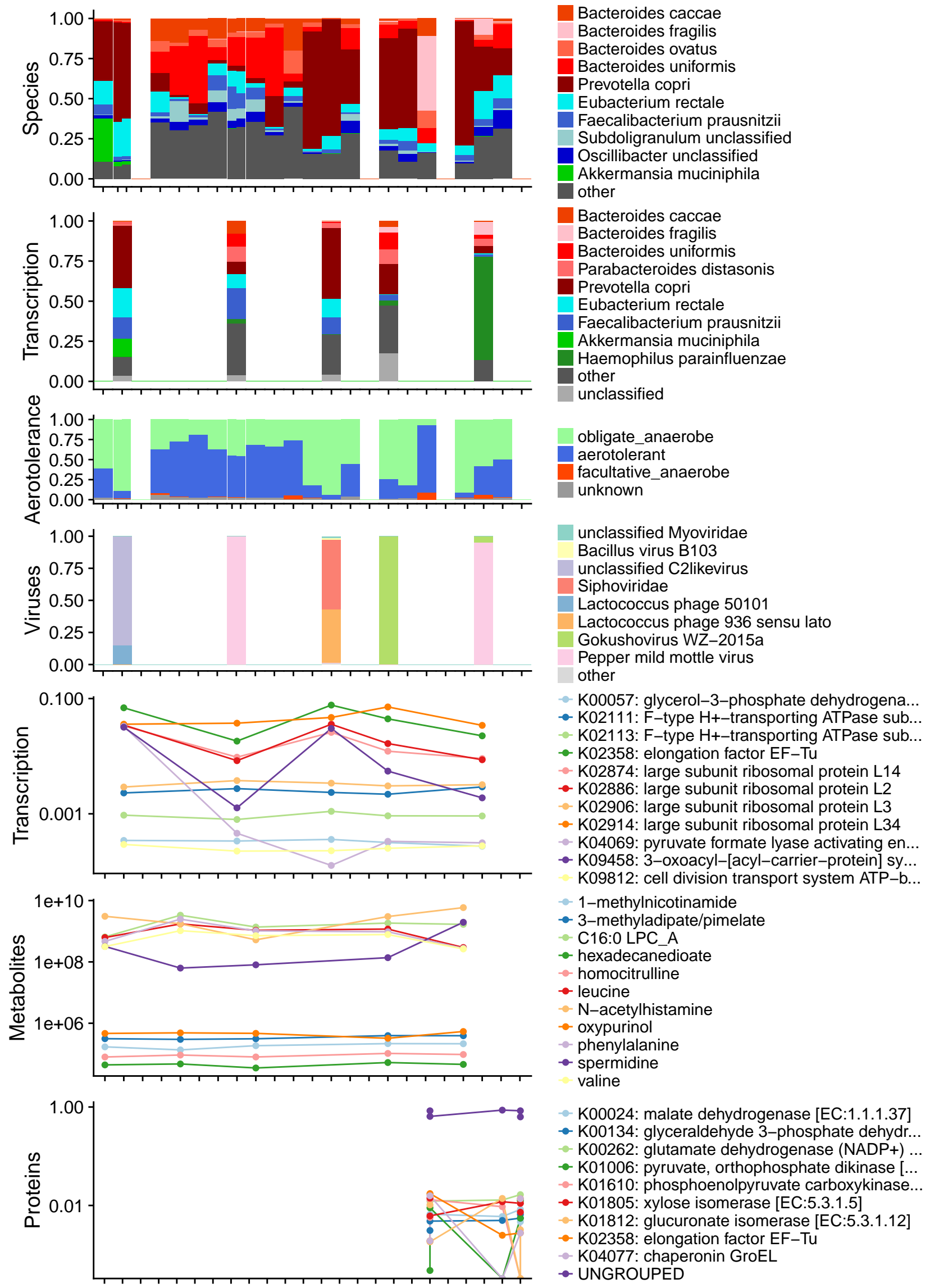
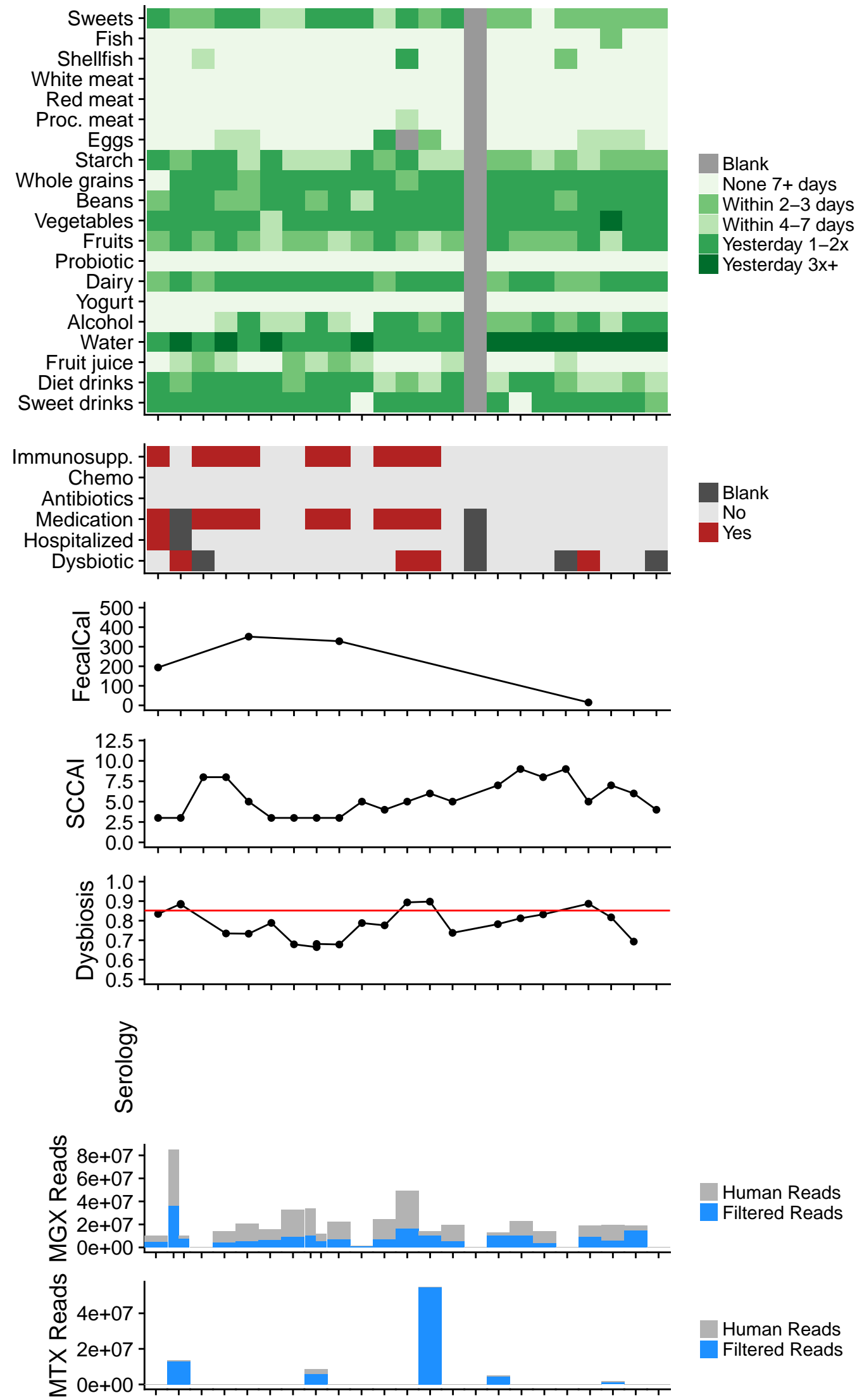
Serology



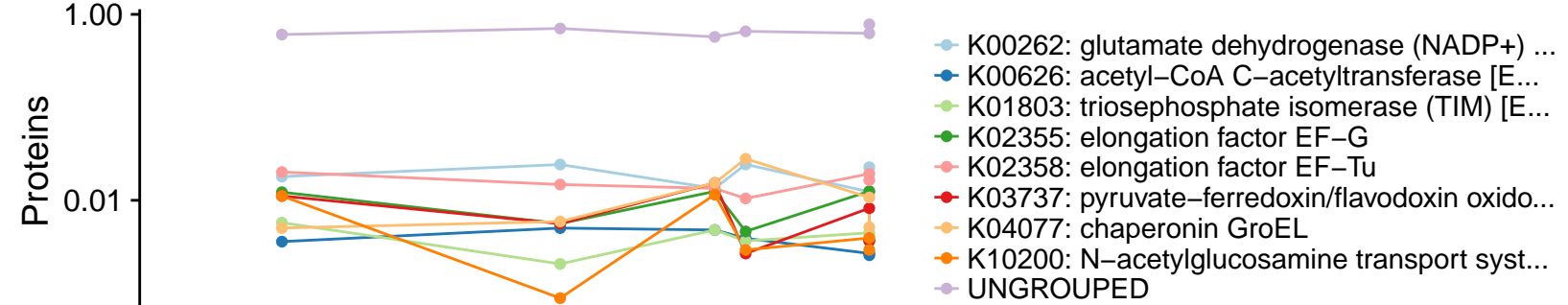
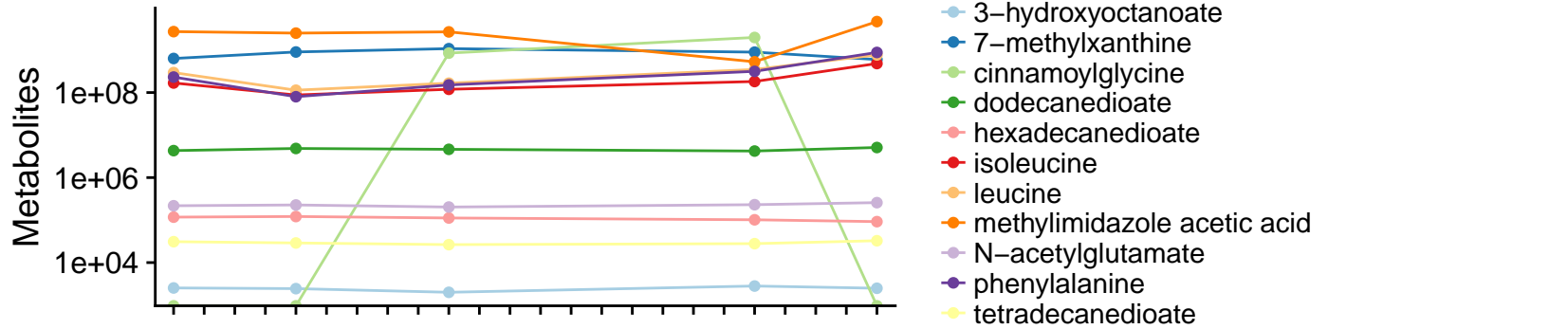
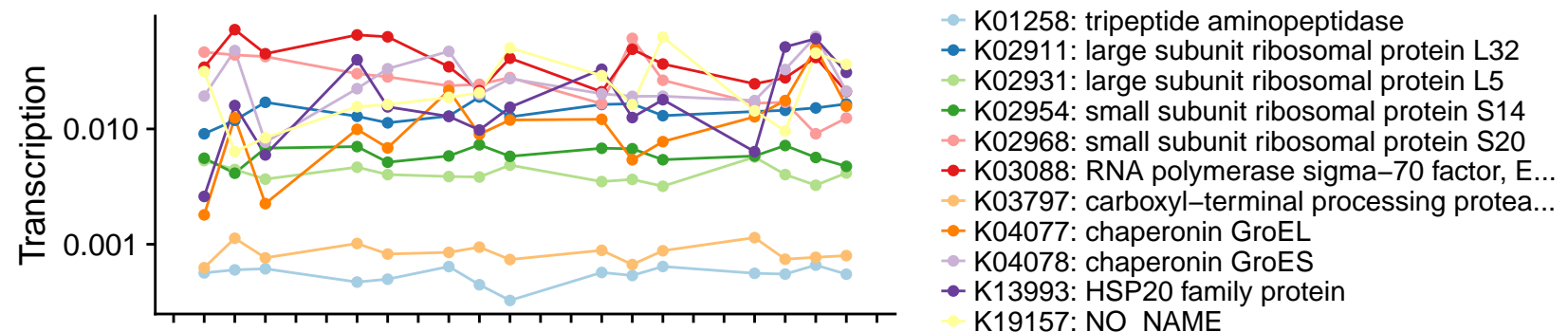
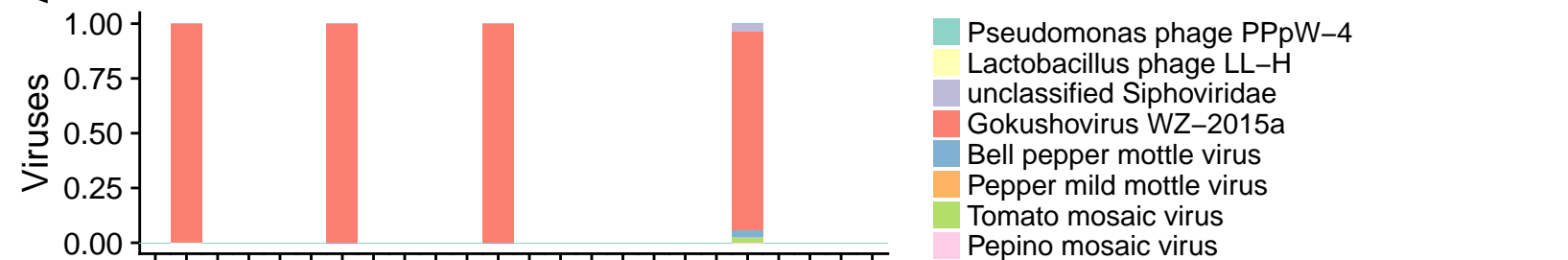
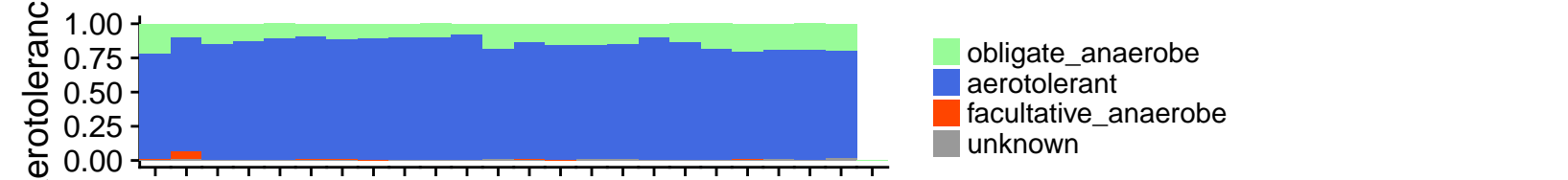
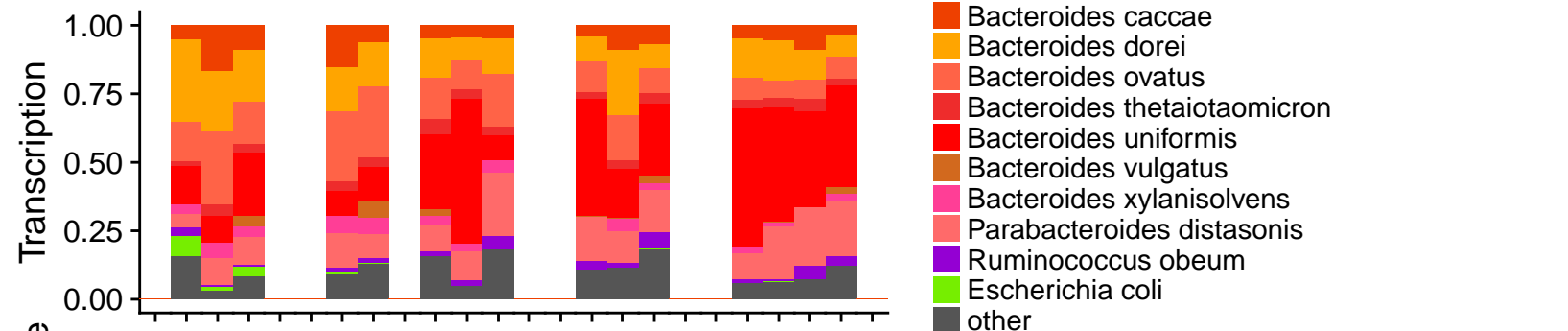
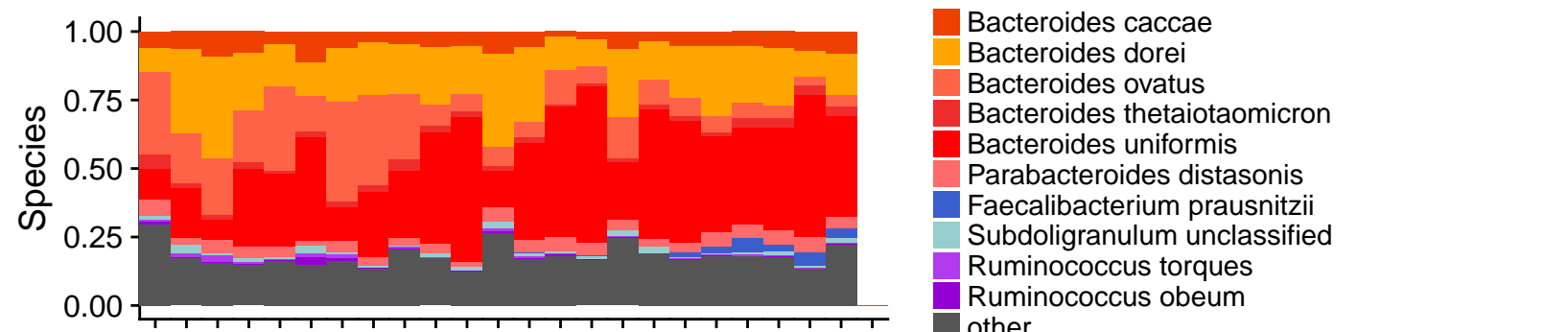
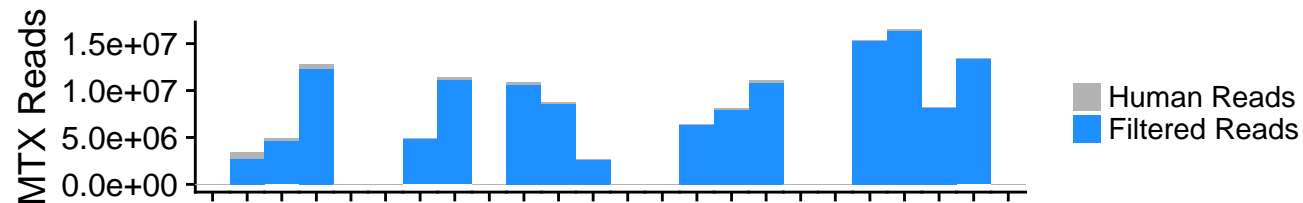
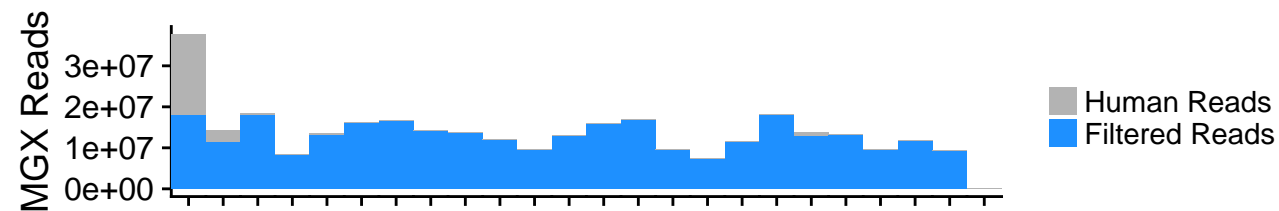
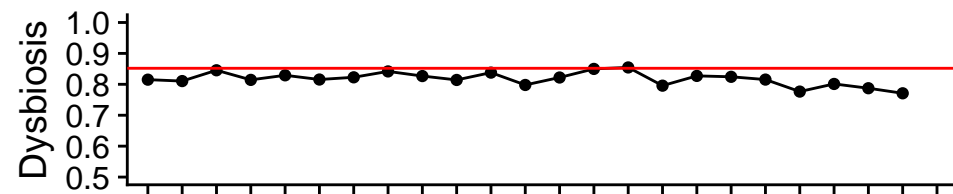
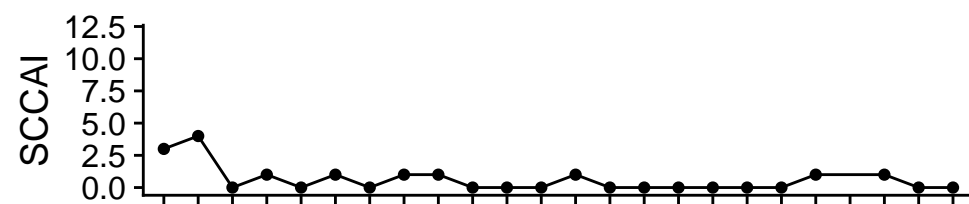
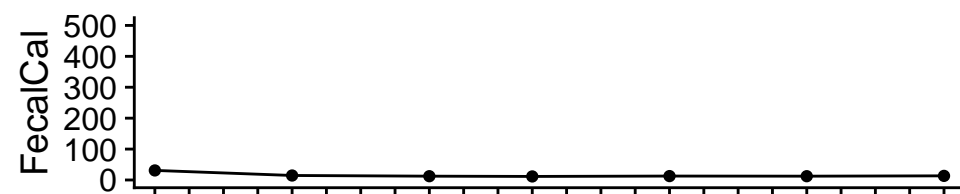
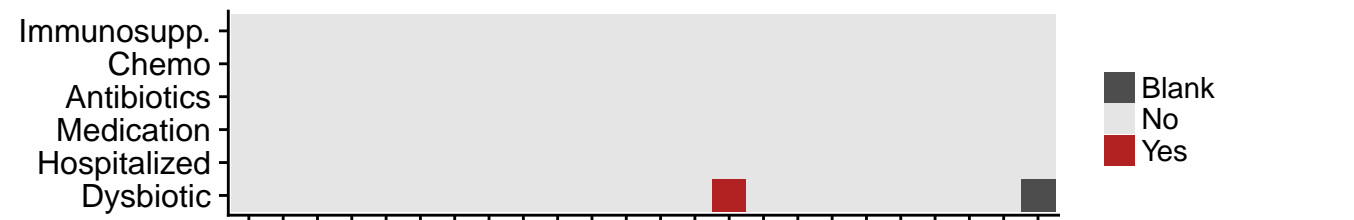
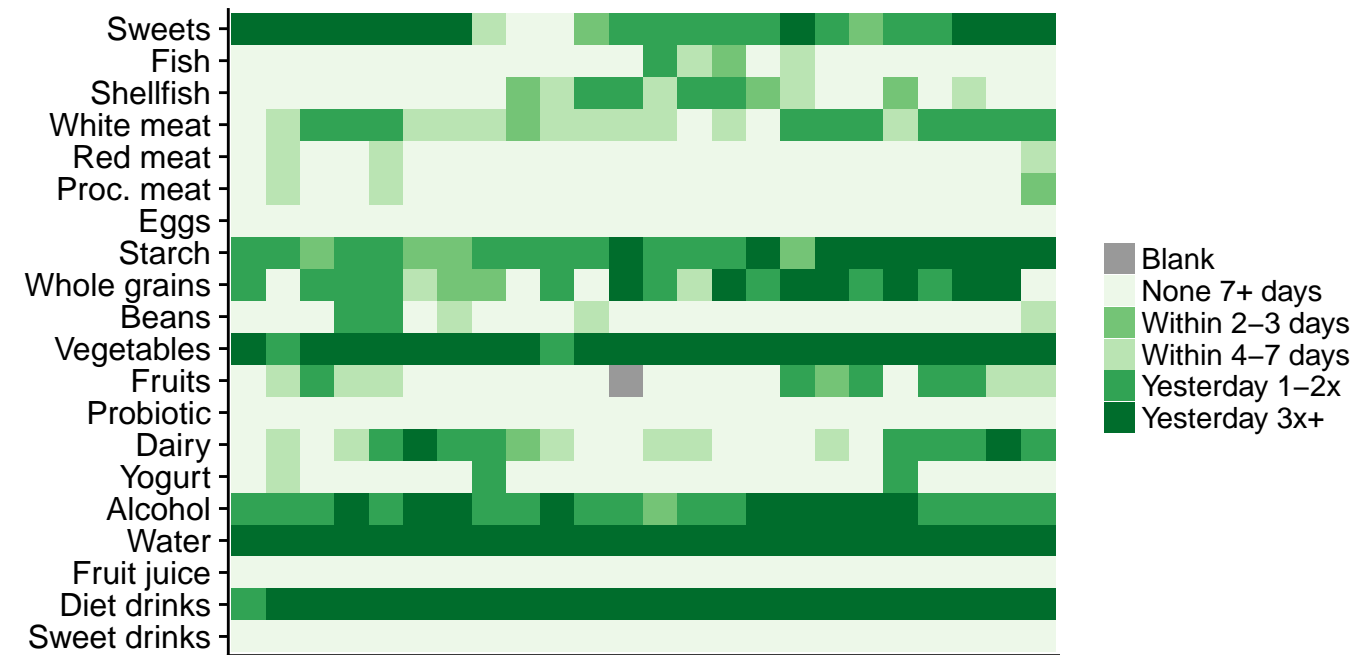
C3012: 37 Female White Cedars–Sinai | CD L1



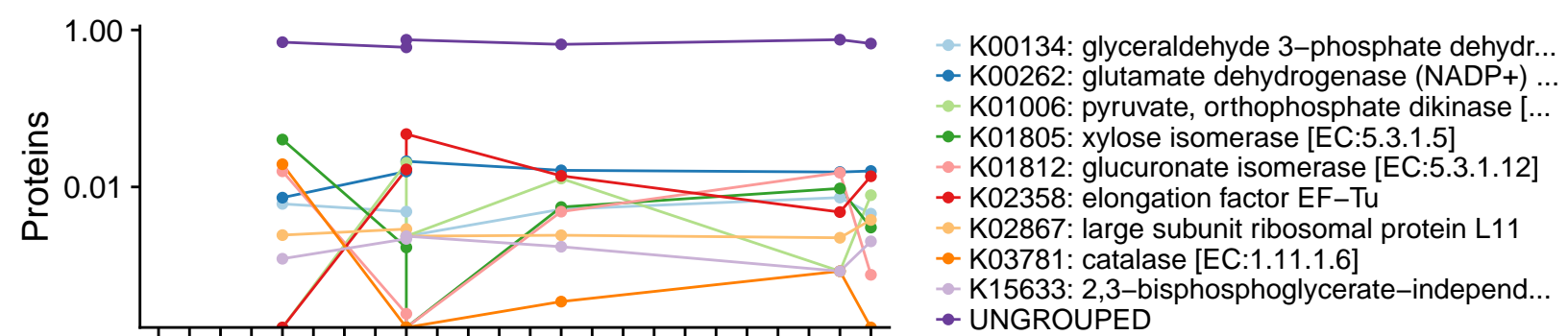
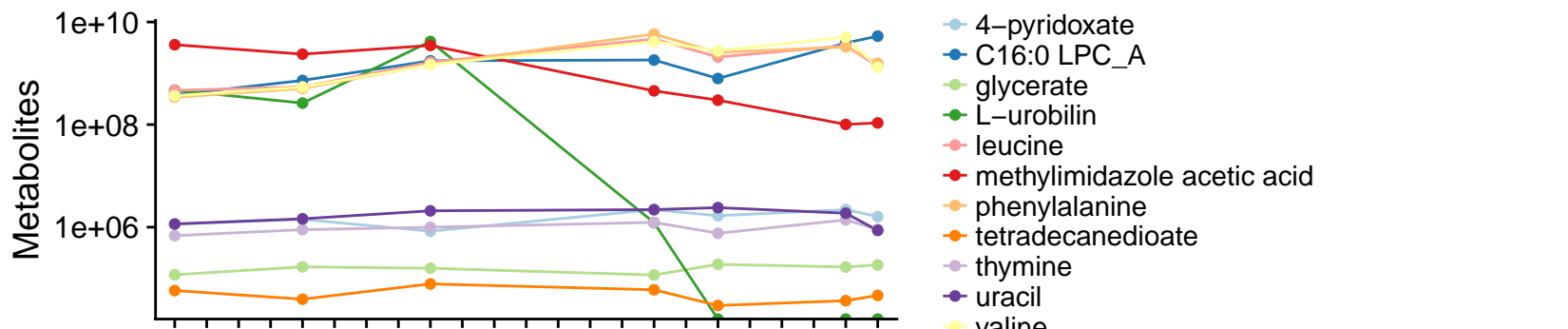
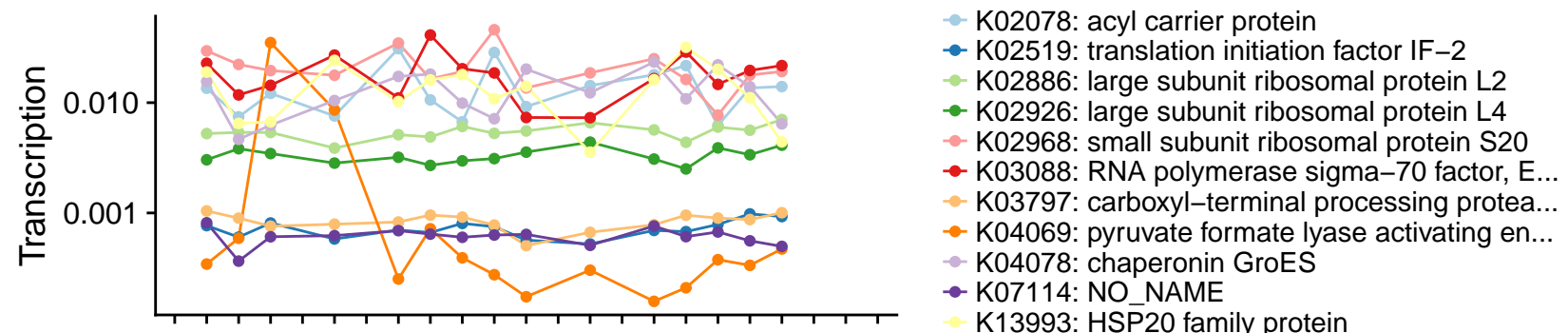
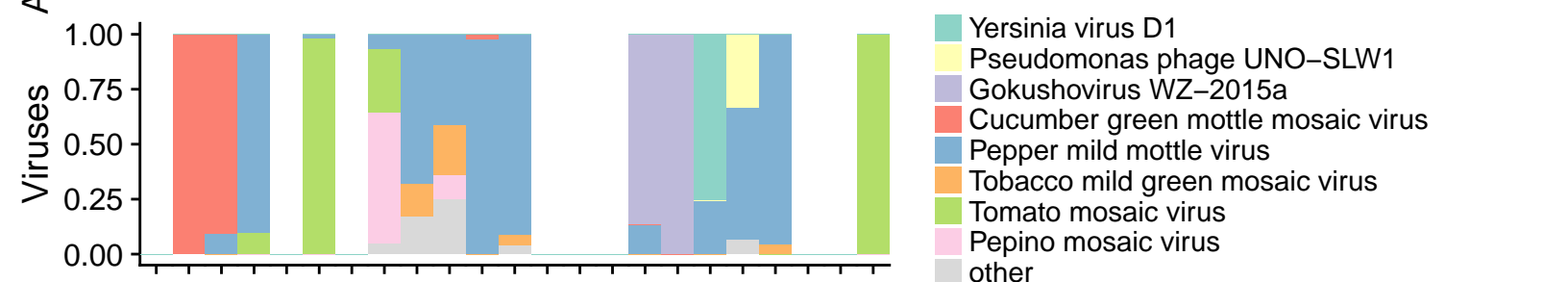
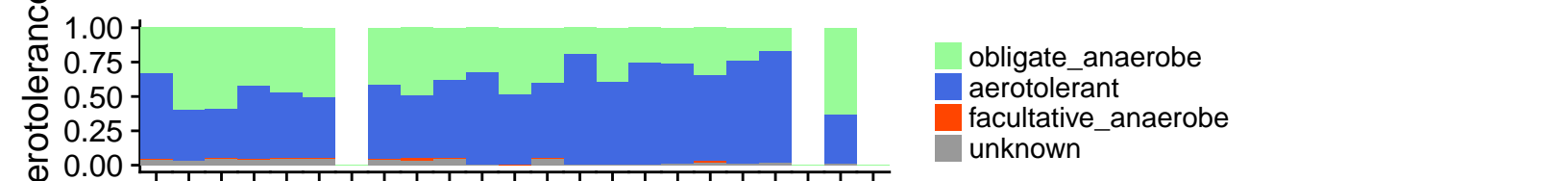
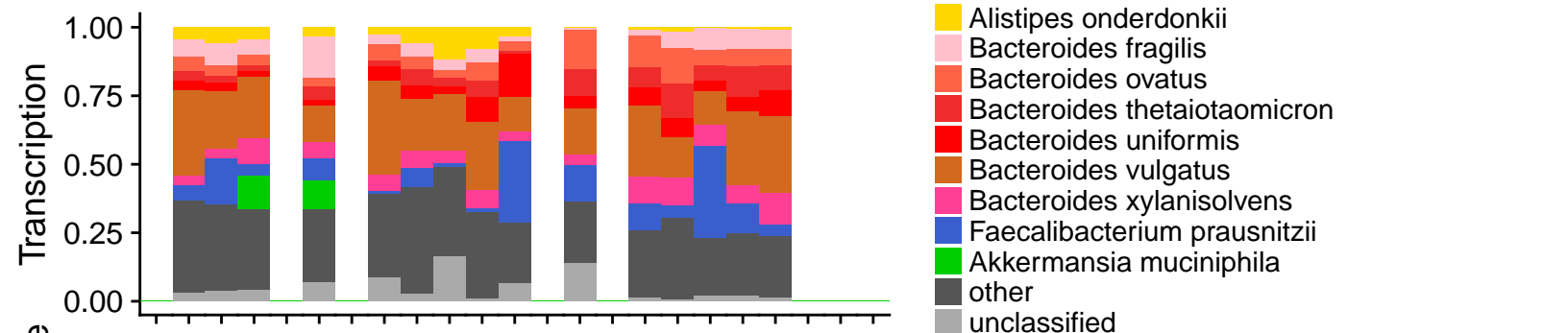
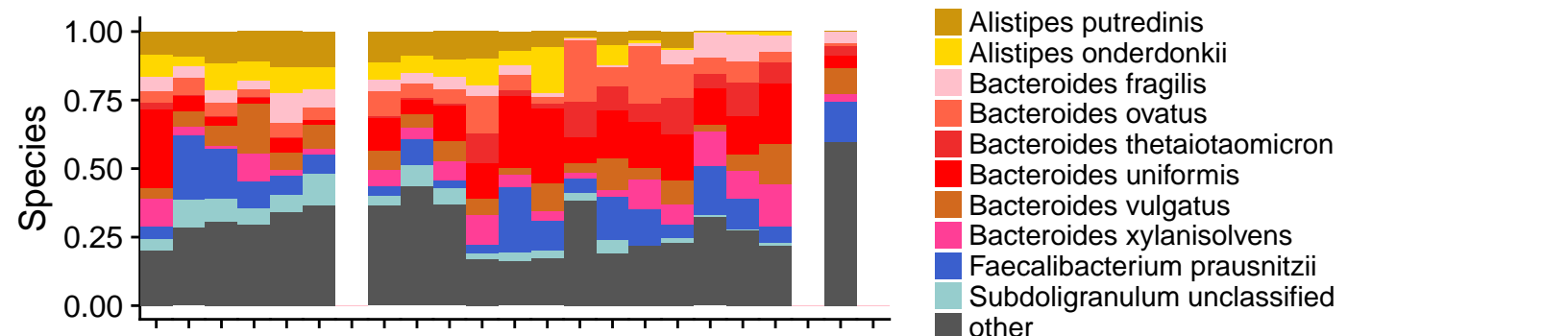
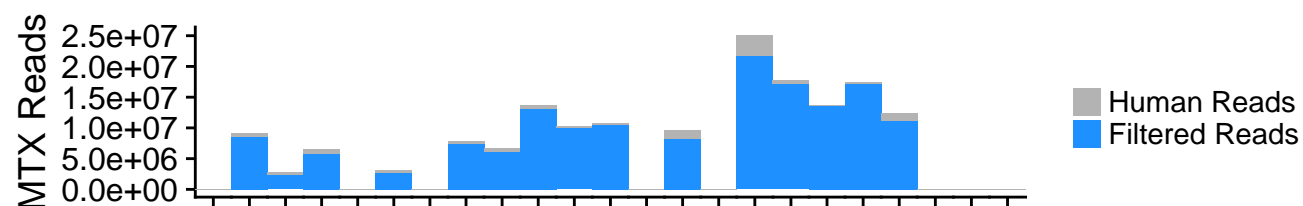
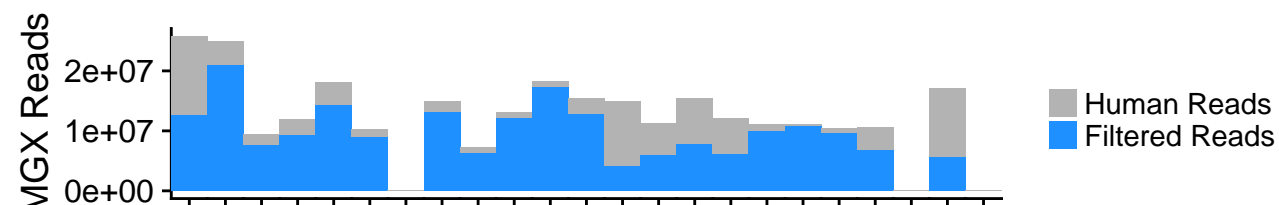
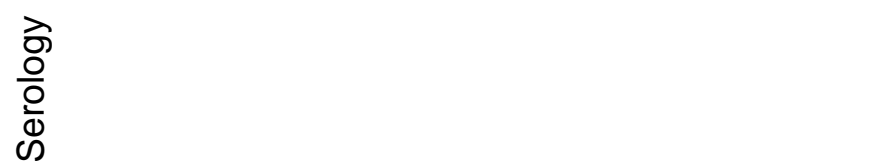
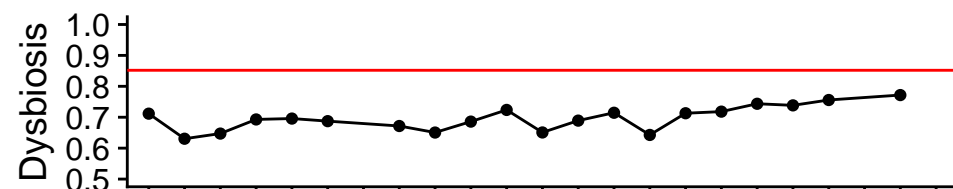
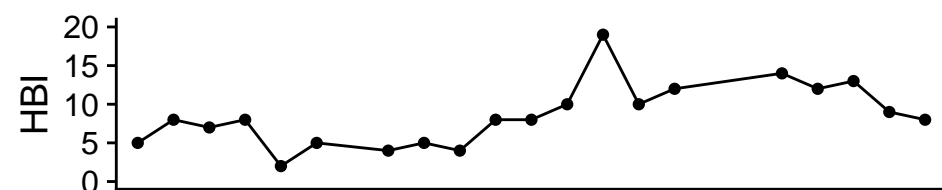
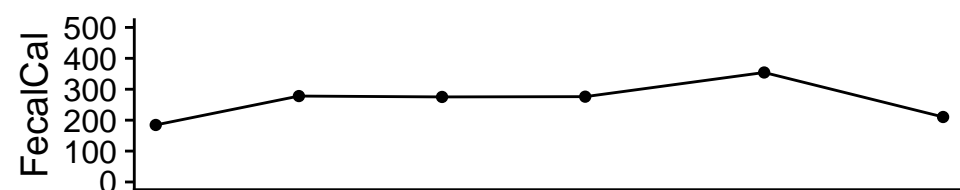
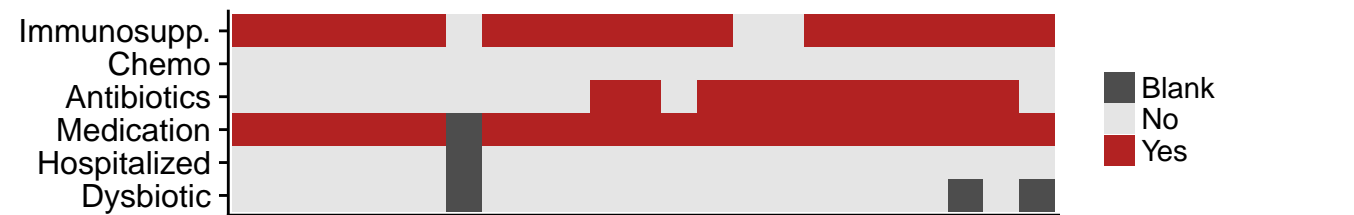
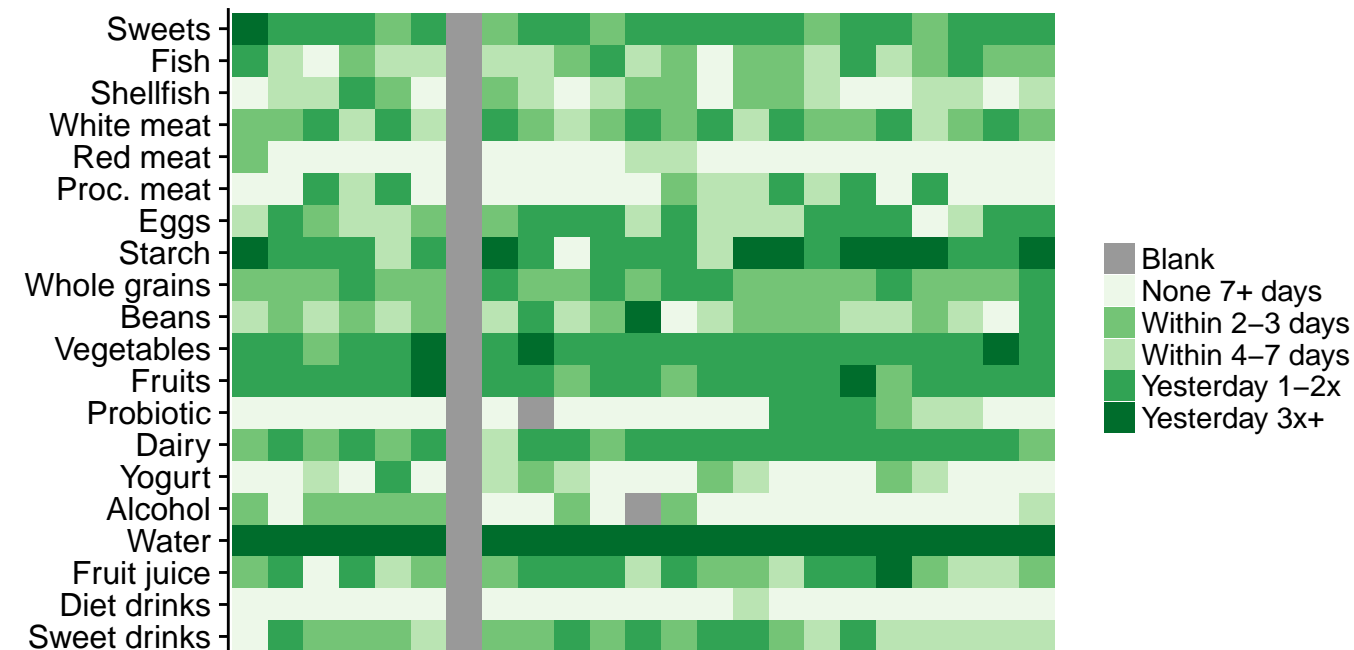
C3013: 26 Female White Cedars–Sinai | UC



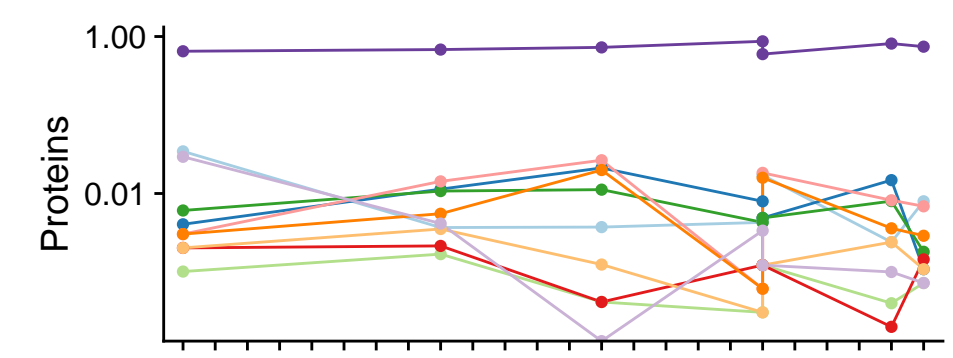
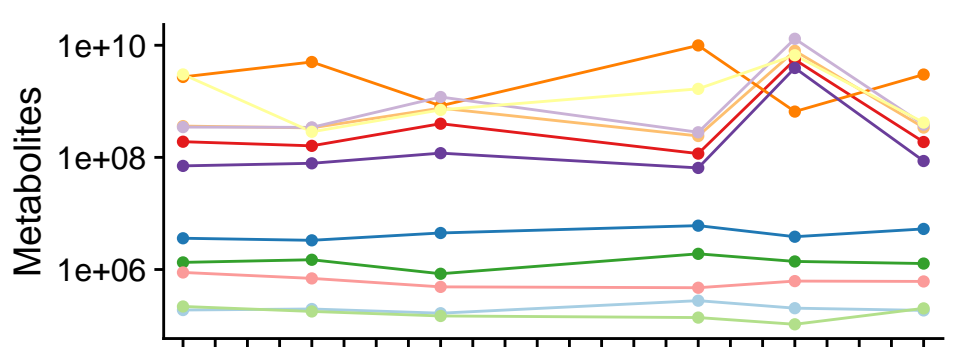
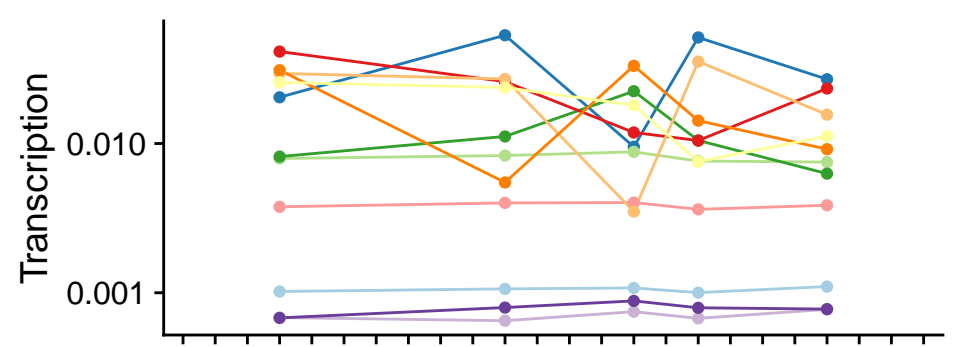
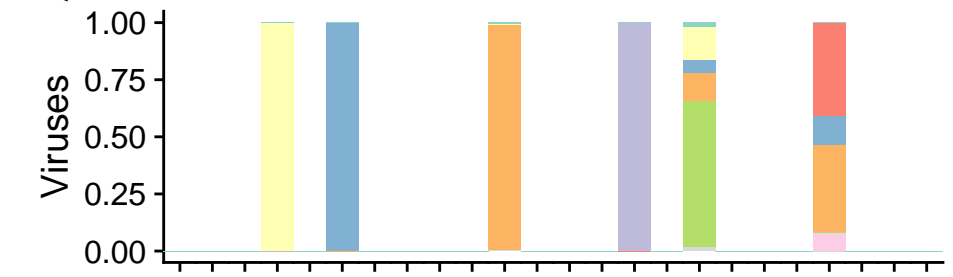
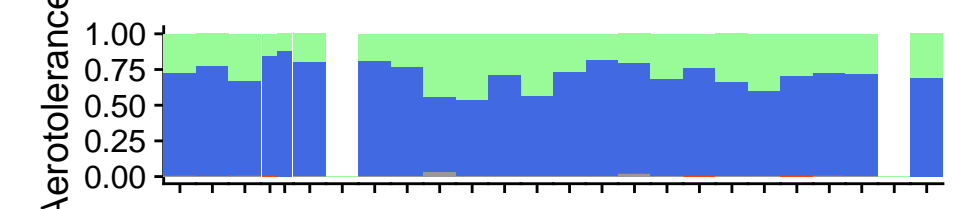
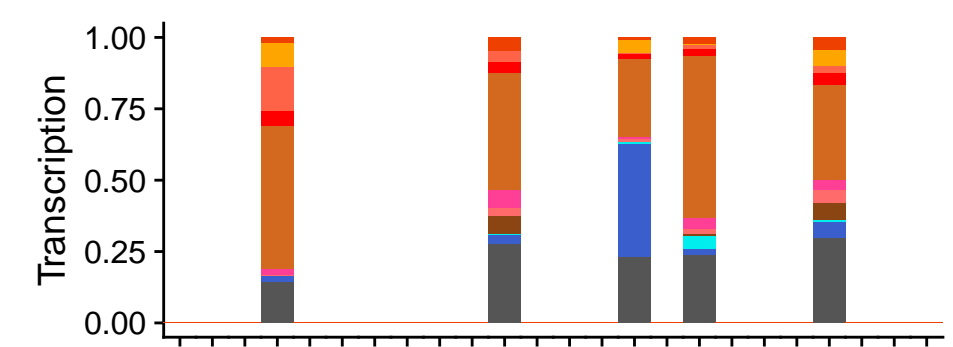
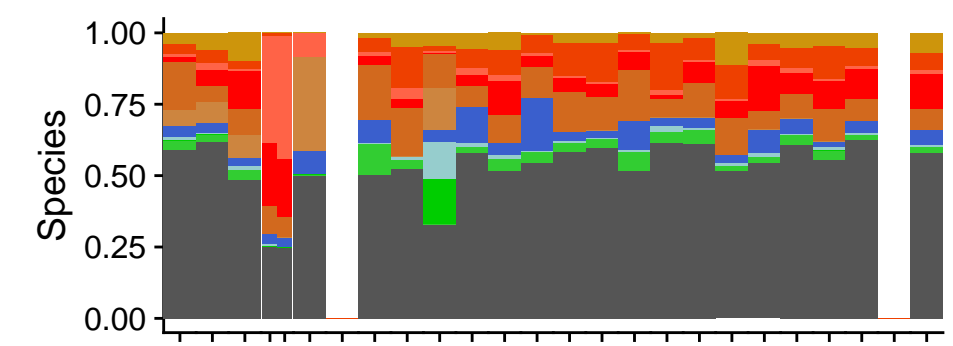
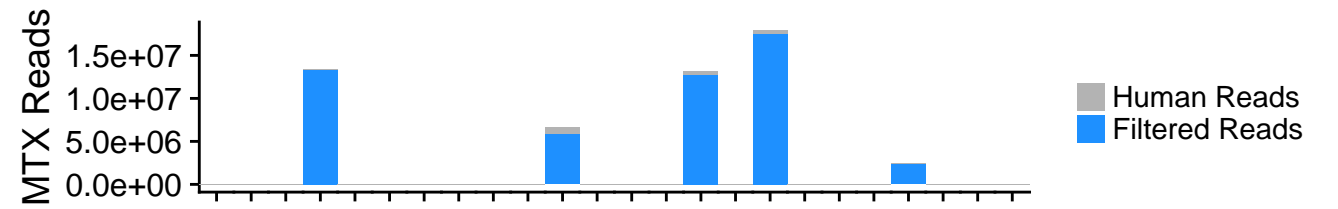
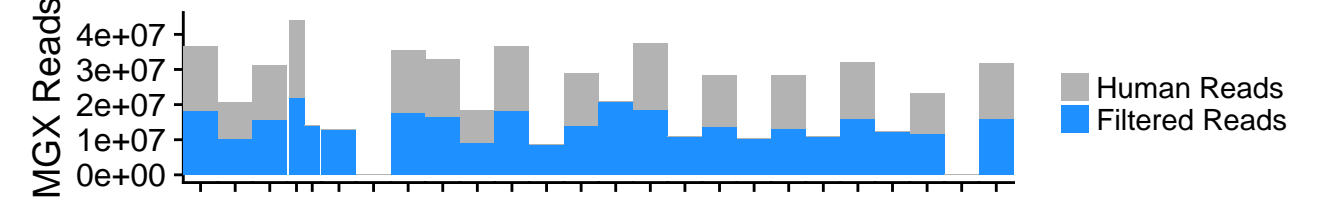
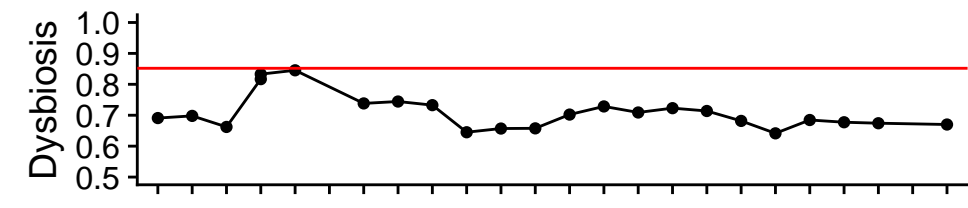
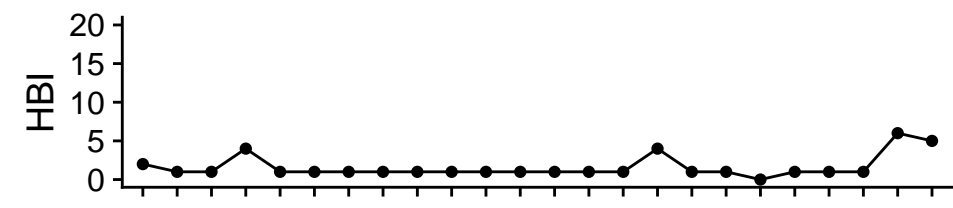
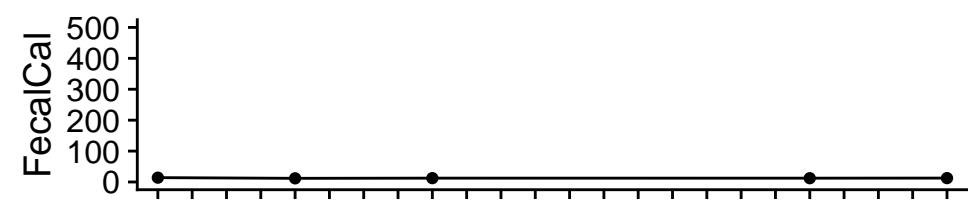
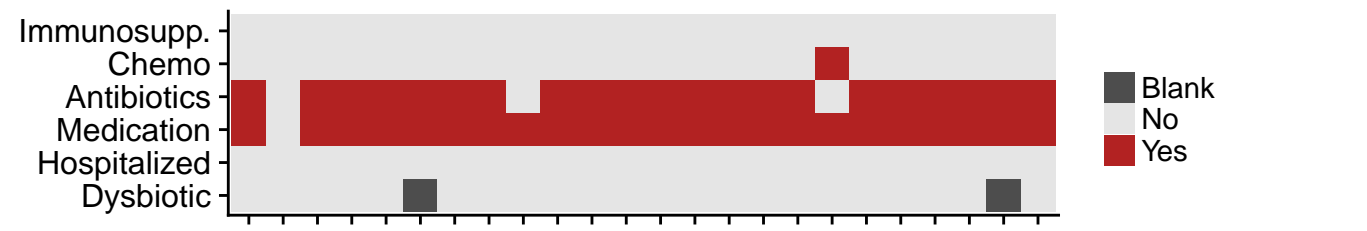
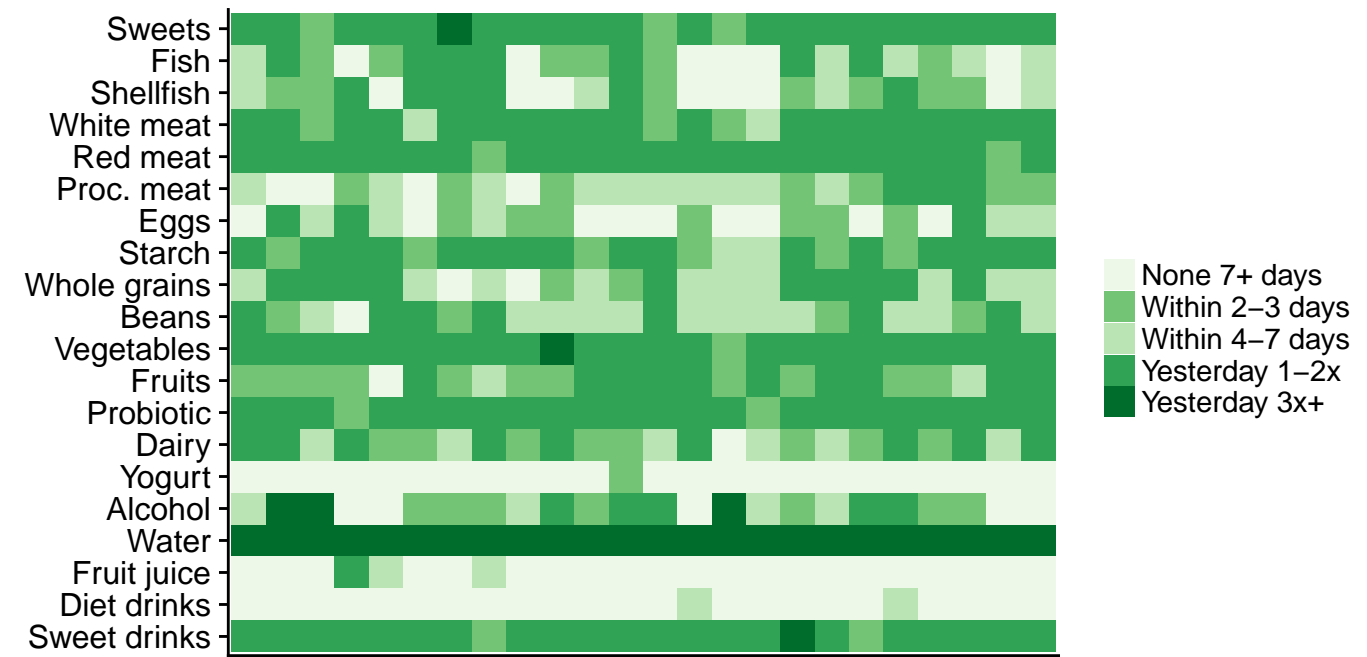
C3015: 50 Female White Cedars–Sinai | UC



C3016: 32 Female White Cedars–Sinai | CD

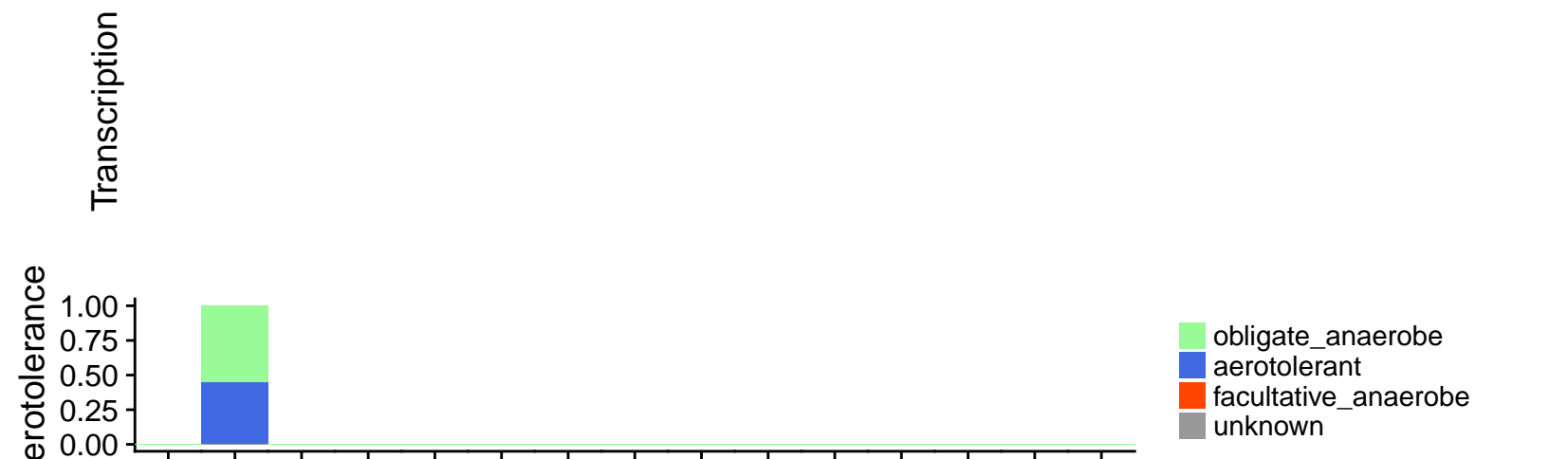
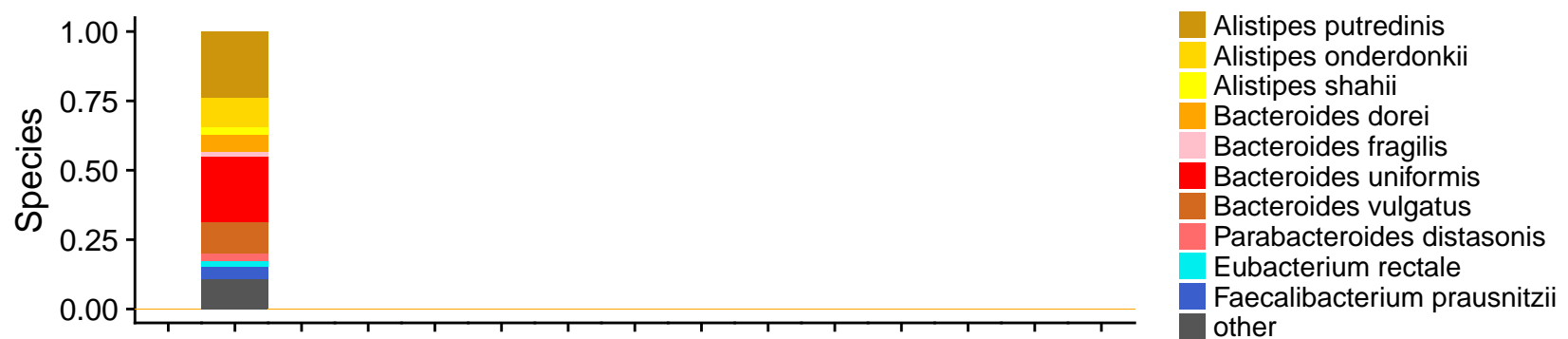
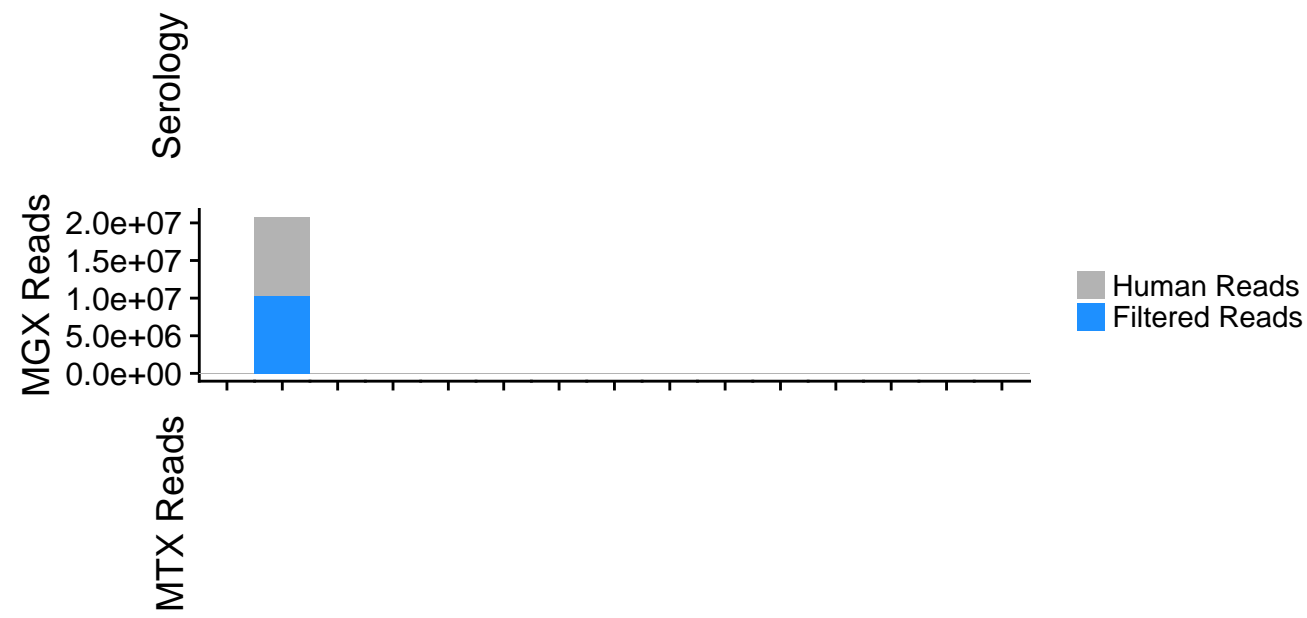
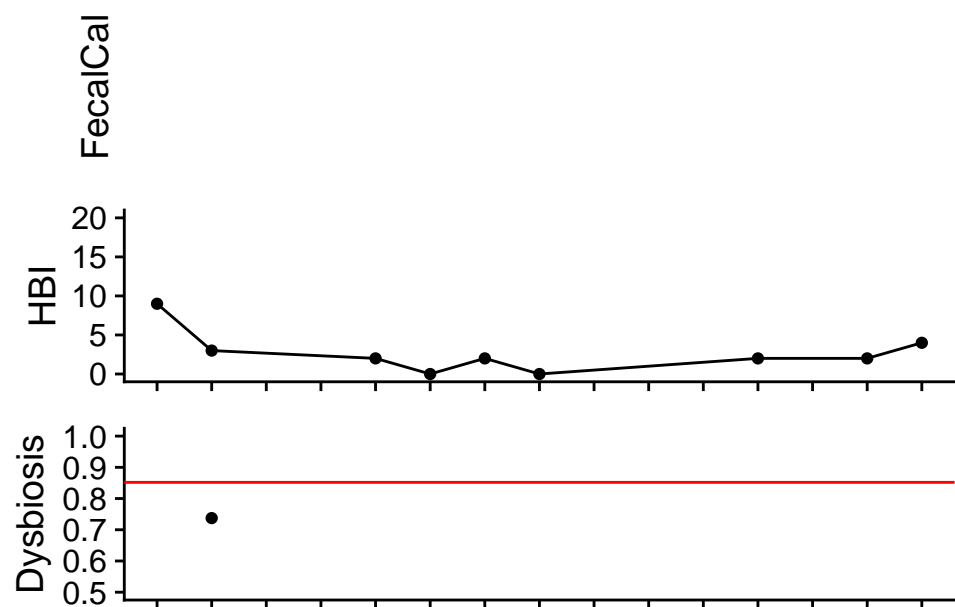
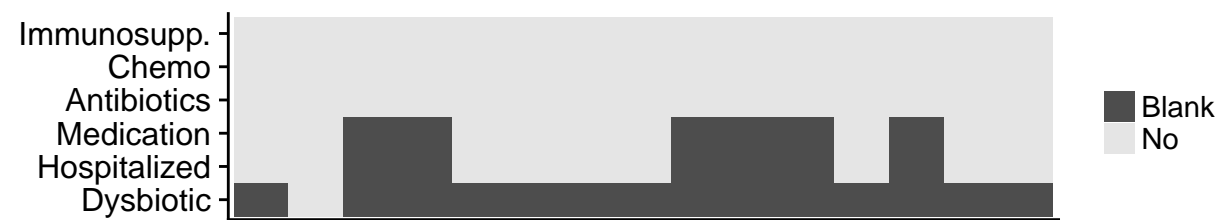
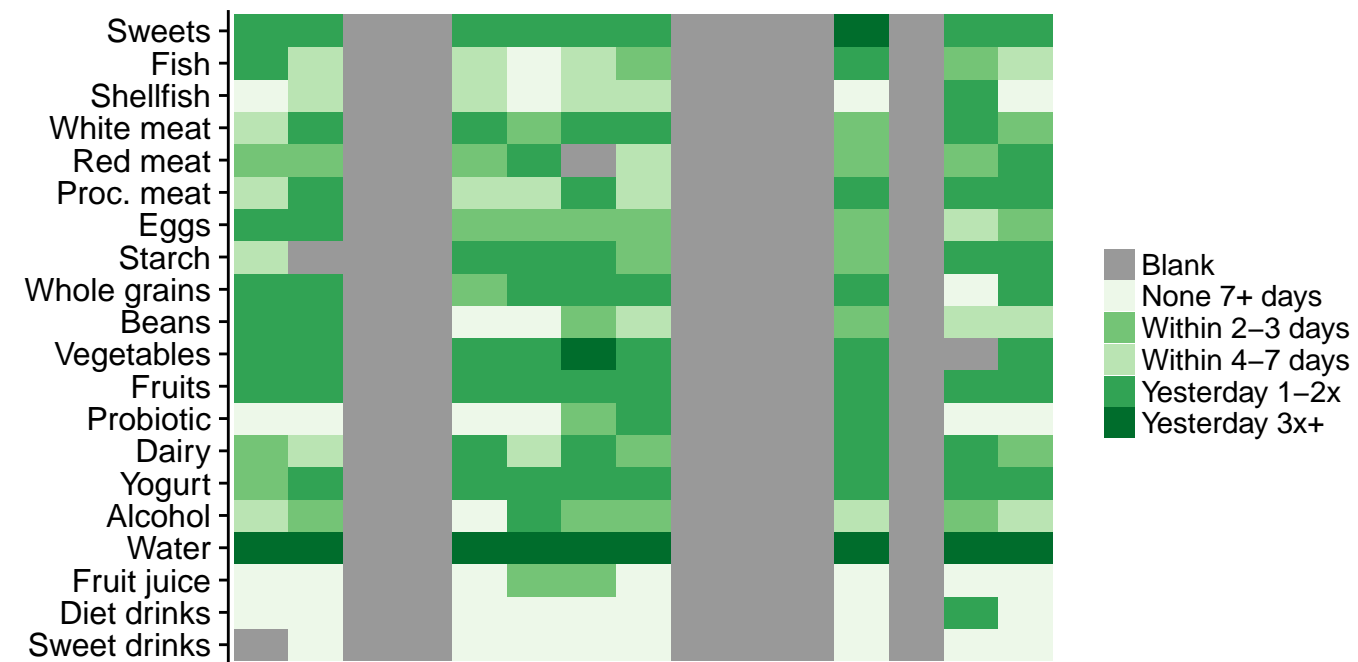


C3017: 45 Male Other Cedars–Sinai | CD L3



- Alistipes putredinis
- Bacteroides caccae
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides massiliensis
- Faecalibacterium prausnitzii
- Subdoligranulum unclassified
- Akkermansia muciniphila
- Sutterella wadsworthensis
- other
- Bacteroides caccae
- Bacteroides dorei
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides xylanisolvens
- Parabacteroides distasonis
- Odoribacter splanchnicus
- Eubacterium rectale
- Faecalibacterium prausnitzii
- other
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- T7virus
- Pseudomonas phage PPpW-4
- Streptococcus phage YMC-2011
- Gyrovirus Tu243
- Gokushovirus WZ-2015a
- Pepper mild mottle virus
- Tomato mosaic virus
- Tobamovirus
- other
- K00625: phosphate acetyltransferase [EC:2.3...
- K02078: acyl carrier protein
- K02965: small subunit ribosomal protein S19
- K02970: small subunit ribosomal protein S21
- K02992: small subunit ribosomal protein S7
- K03088: RNA polymerase sigma-70 factor, E...
- K03530: DNA-binding protein HU-beta
- K04078: chaperonin GroES
- K06941: ribosomal RNA large subunit methyl...
- K06950: NO_NAME
- K13993: HSP20 family protein
- acetaminophen
- C18:0 LPC
- C18:0 LPE
- C20:3 CE
- C34:1 PC
- isoleucine
- leucine
- N-acetylhistamine
- phenylalanine
- tryptophan
- valine
- K00134: glyceraldehyde 3-phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K00925: acetate kinase [EC:2.7.2.1]
- K01610: phosphoenolpyruvate carboxykinase...
- K02358: elongation factor EF-Tu
- K02863: large subunit ribosomal protein L1
- K03046: DNA-directed RNA polymerase sub...
- K04077: chaperonin GroEL
- K10117: raffinose/stachyose/melibiose transp...
- UNGROUPED

C3019: 39 Female White Cedars–Sinai | CD L3



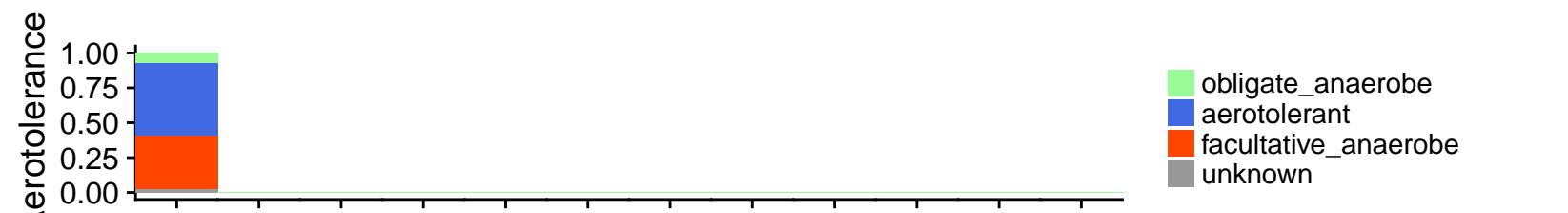
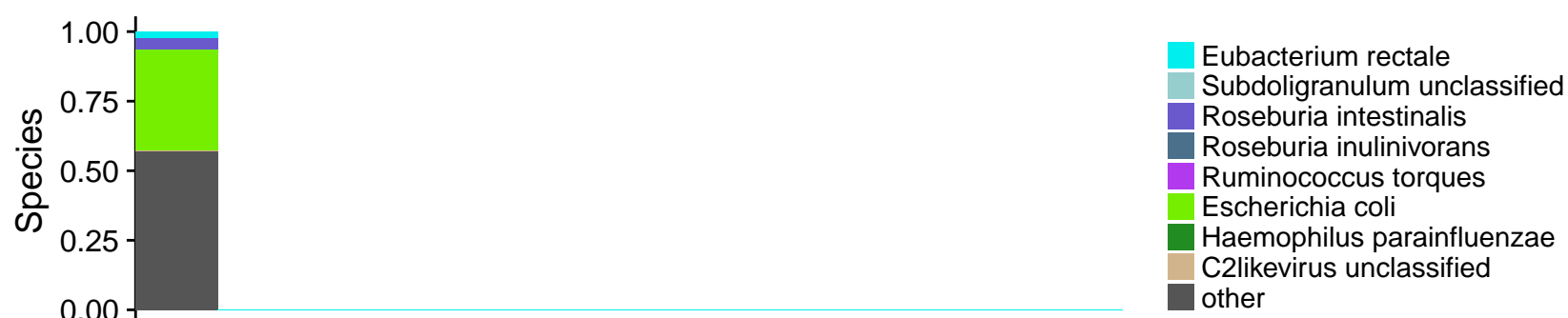
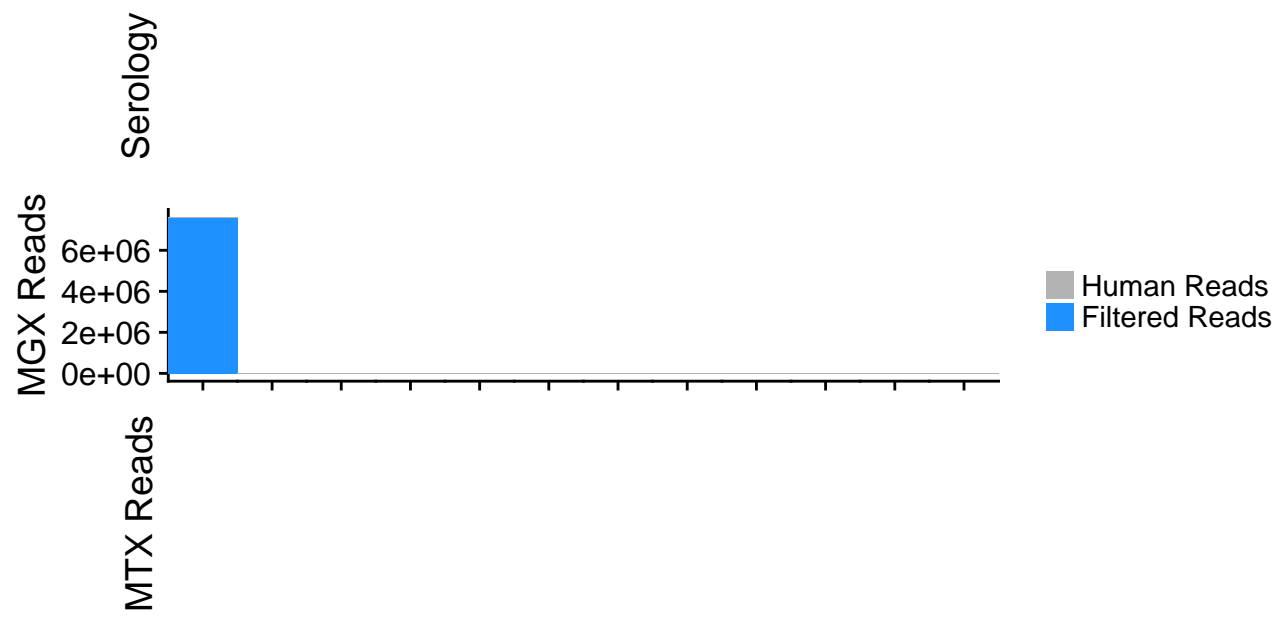
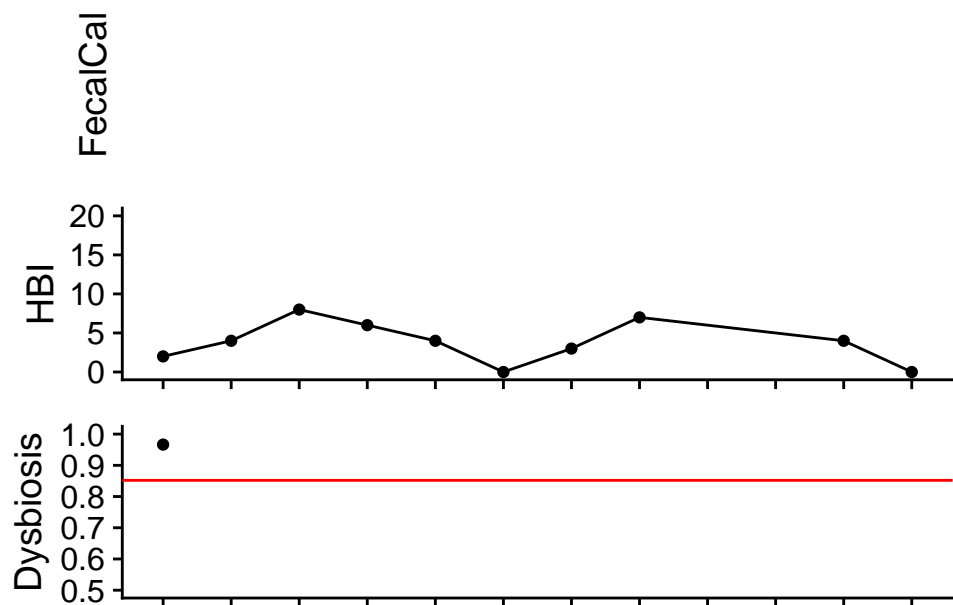
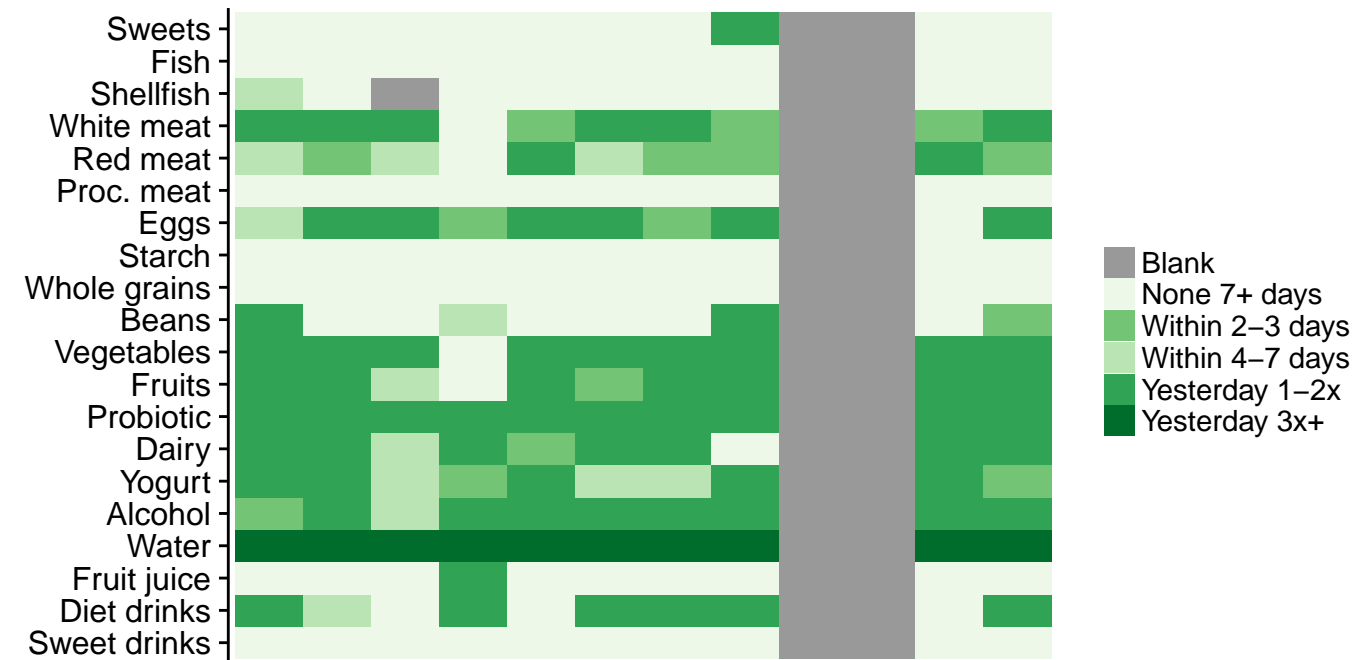
Viruses

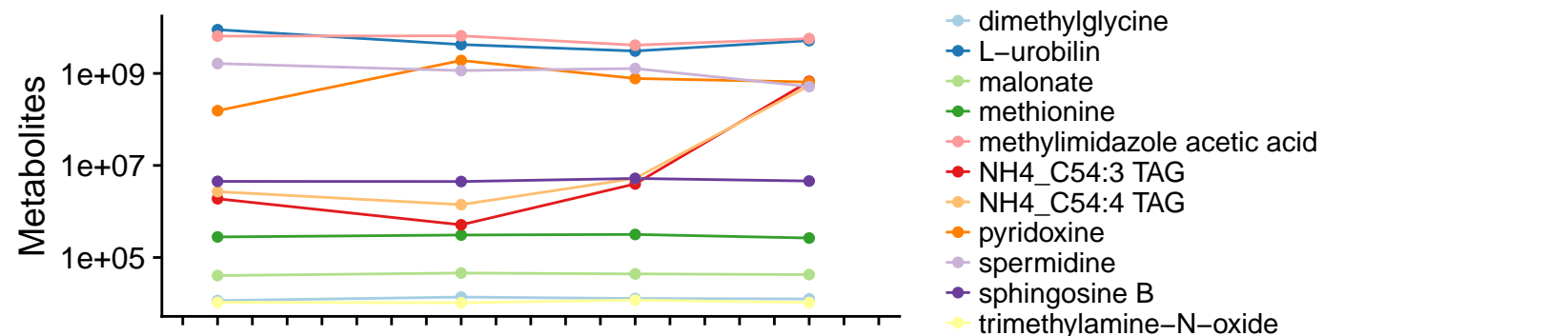
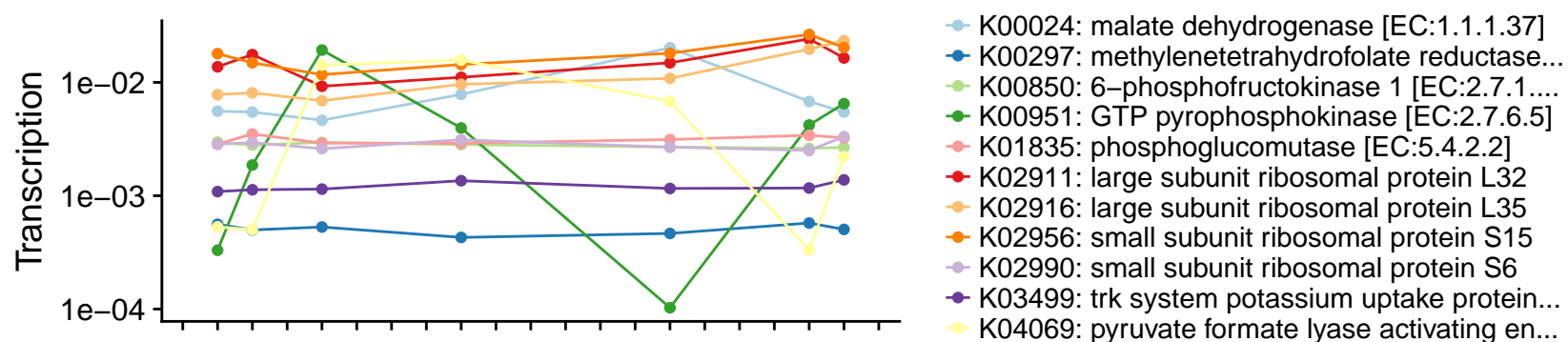
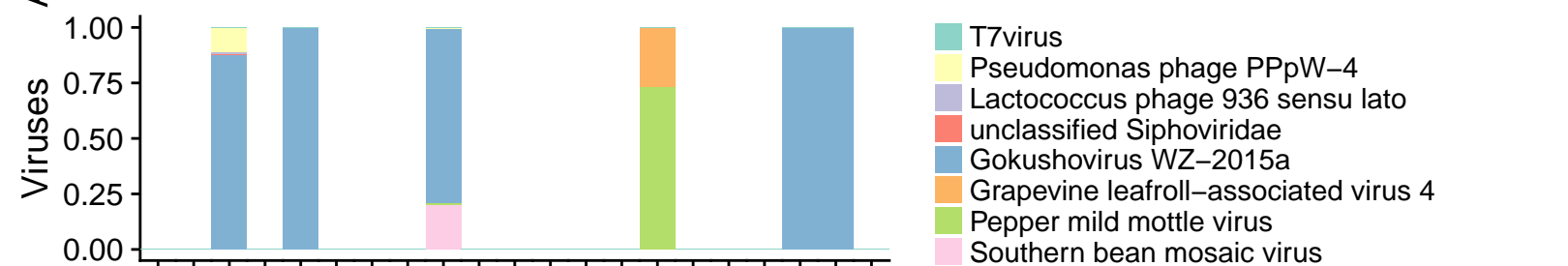
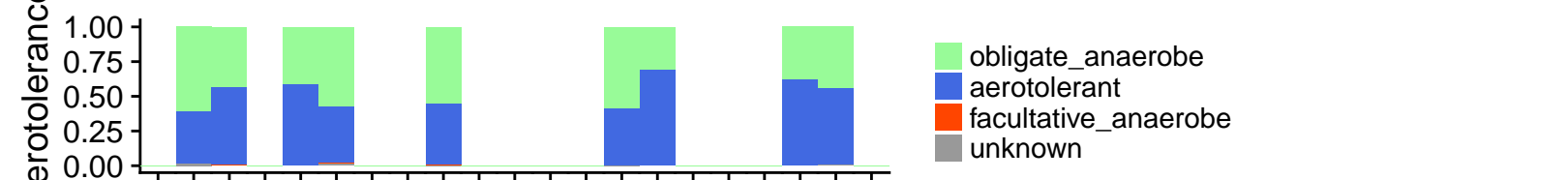
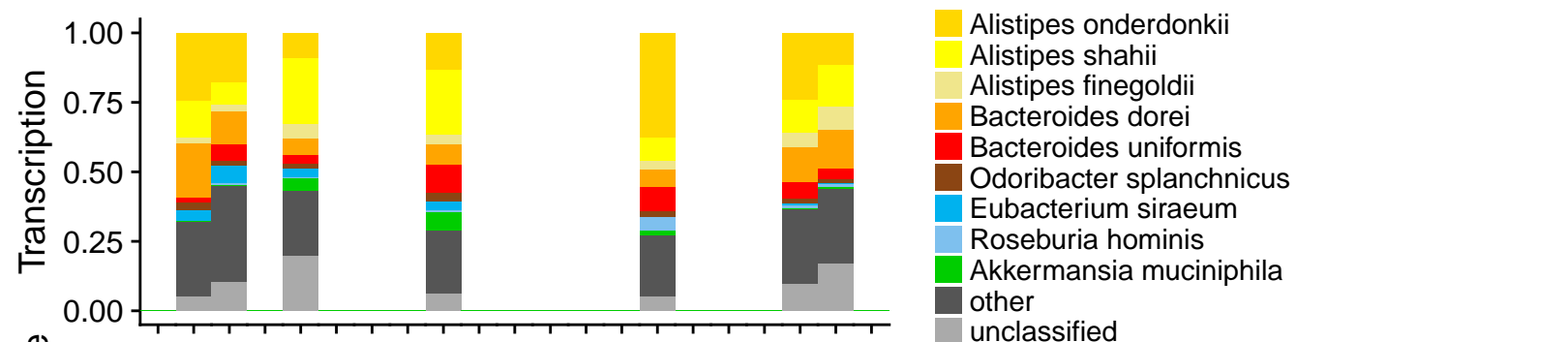
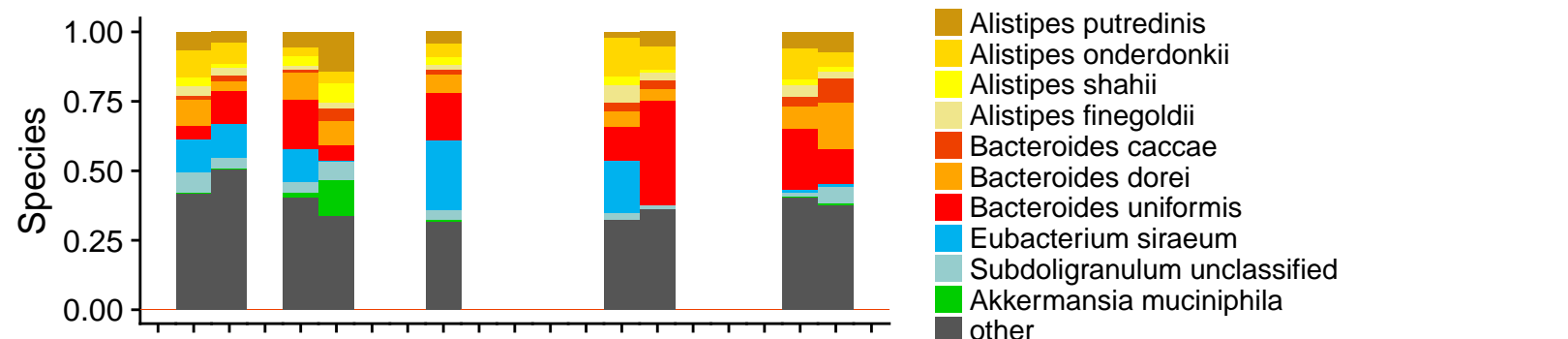
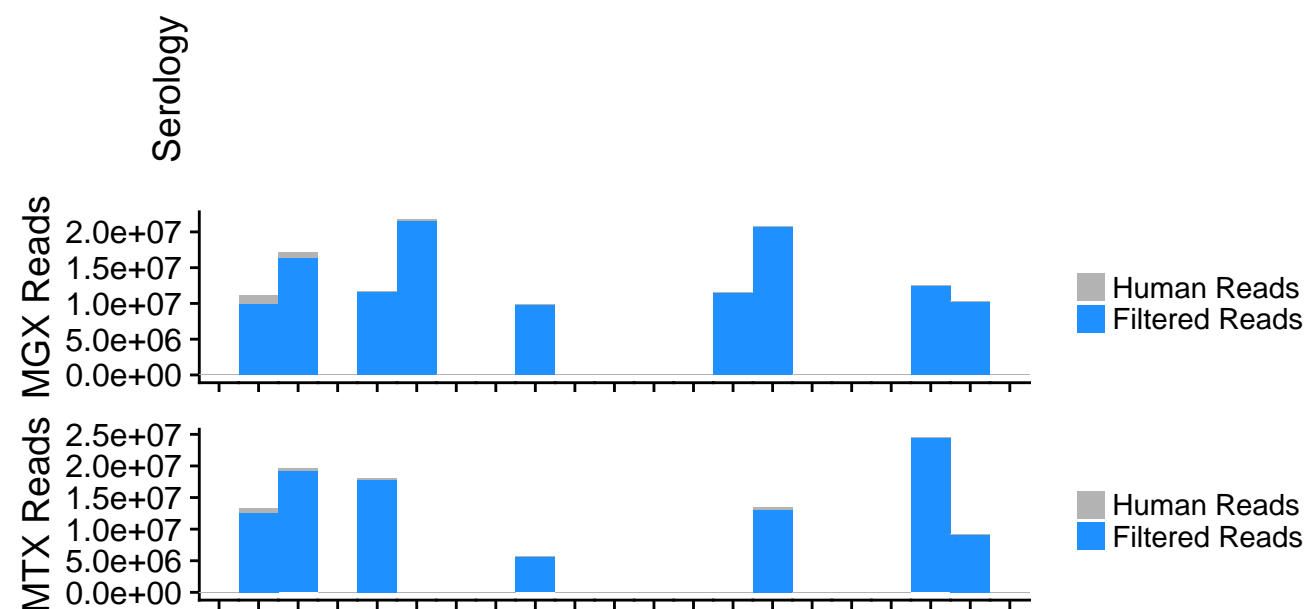
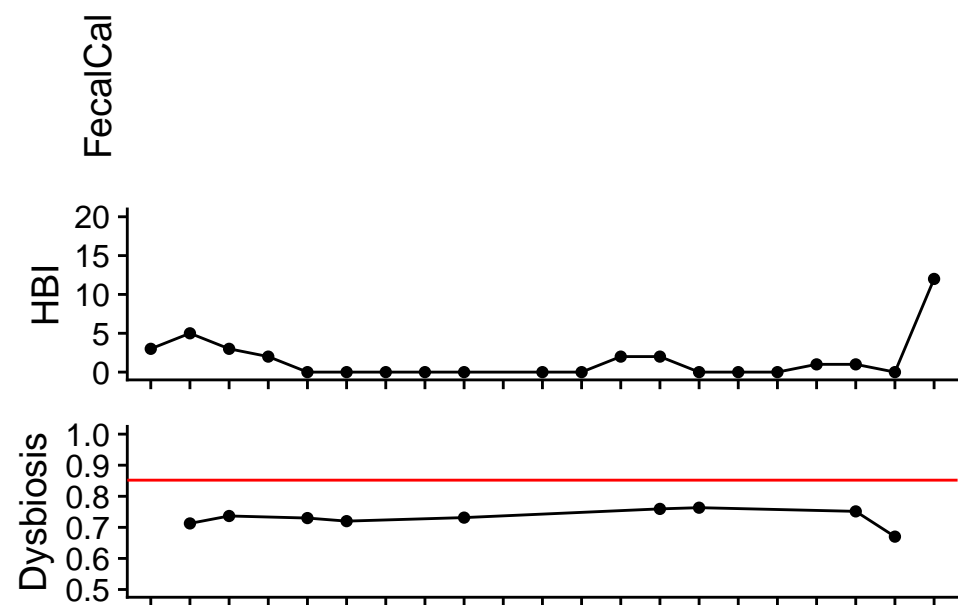
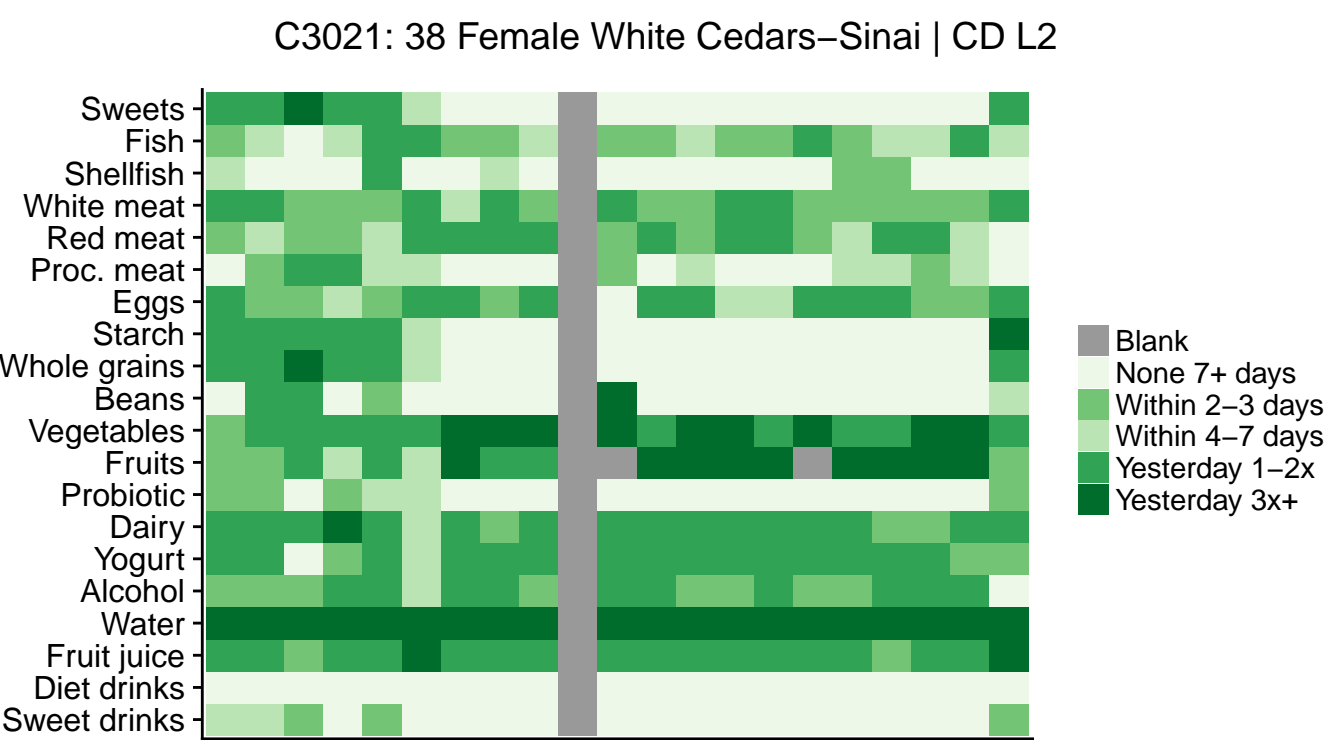
Transcription

Metabolites

Proteins

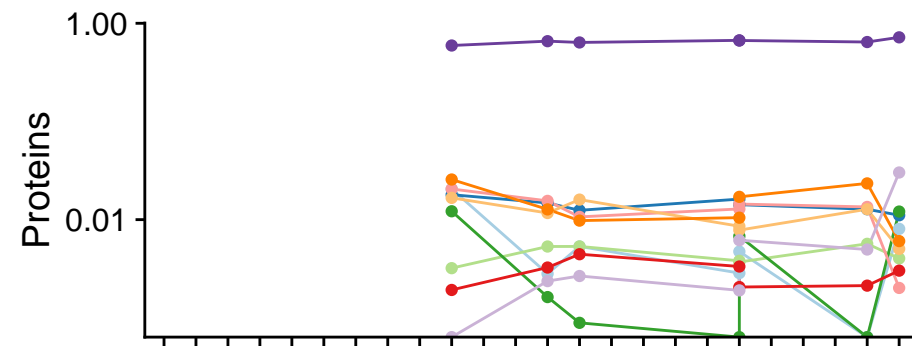
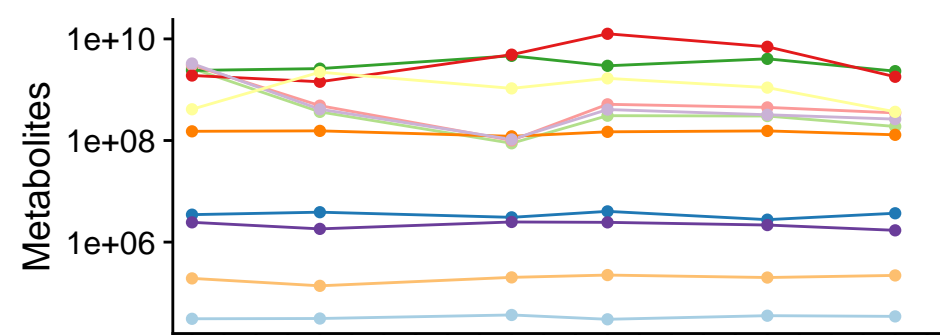
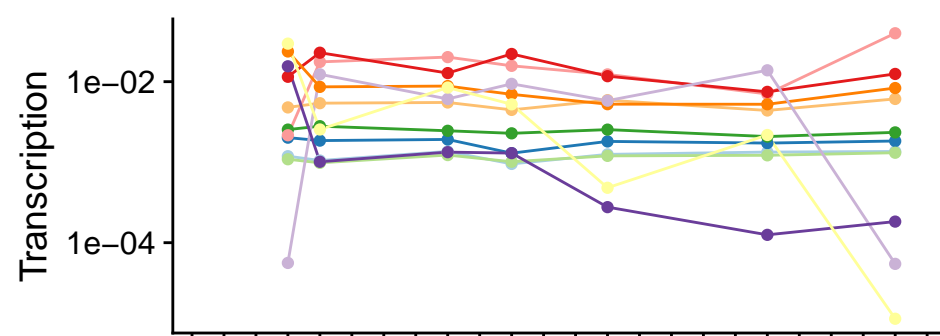
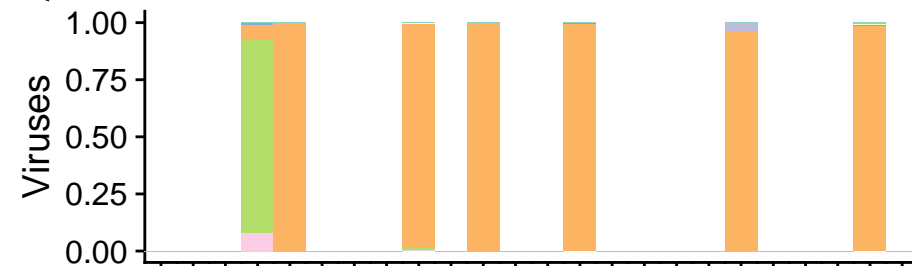
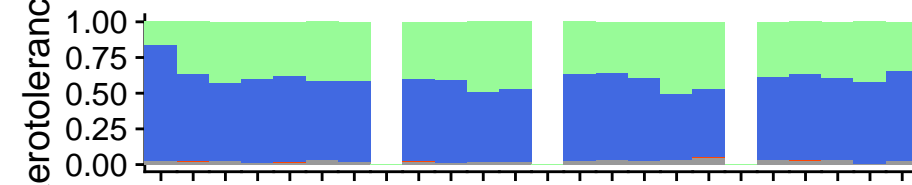
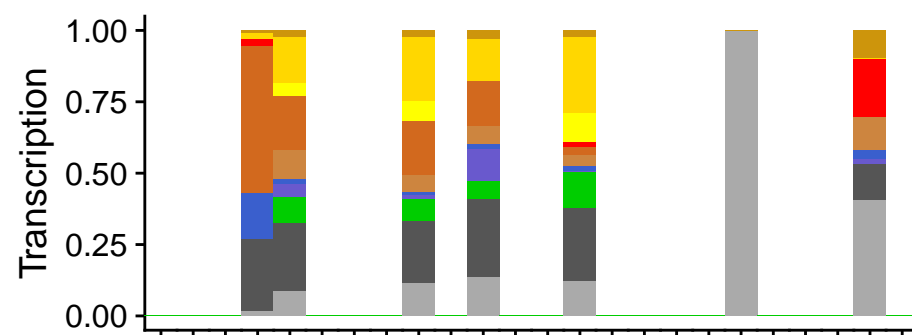
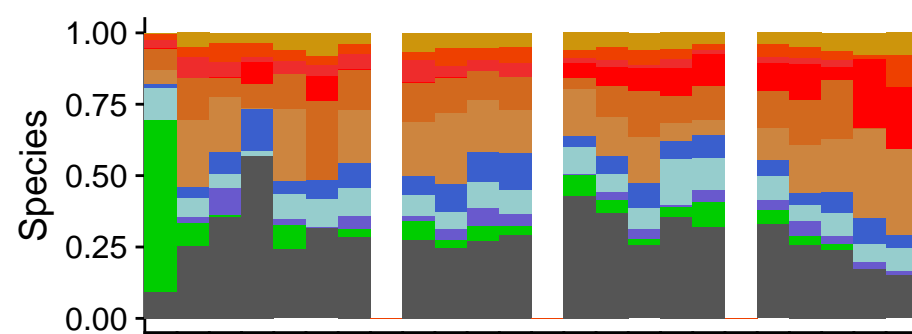
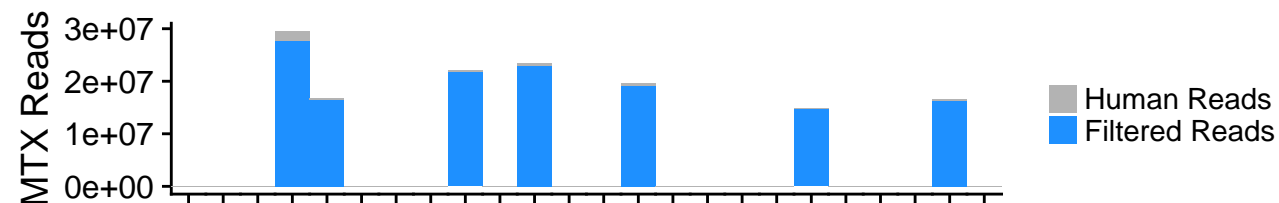
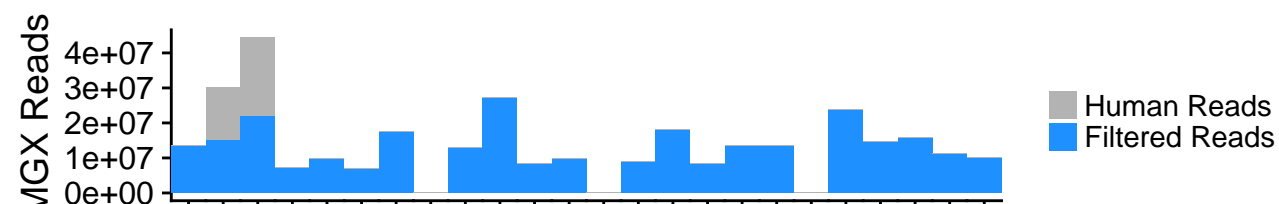
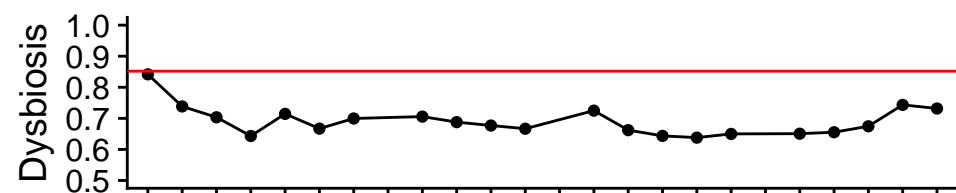
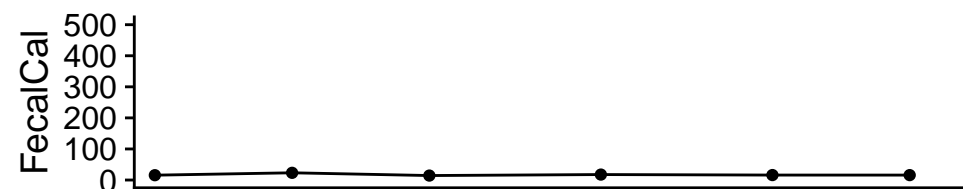
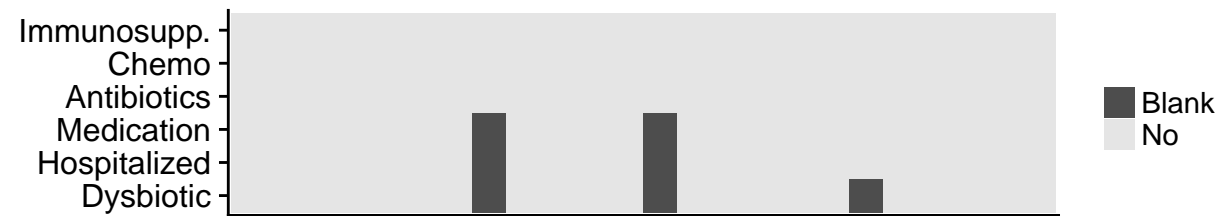
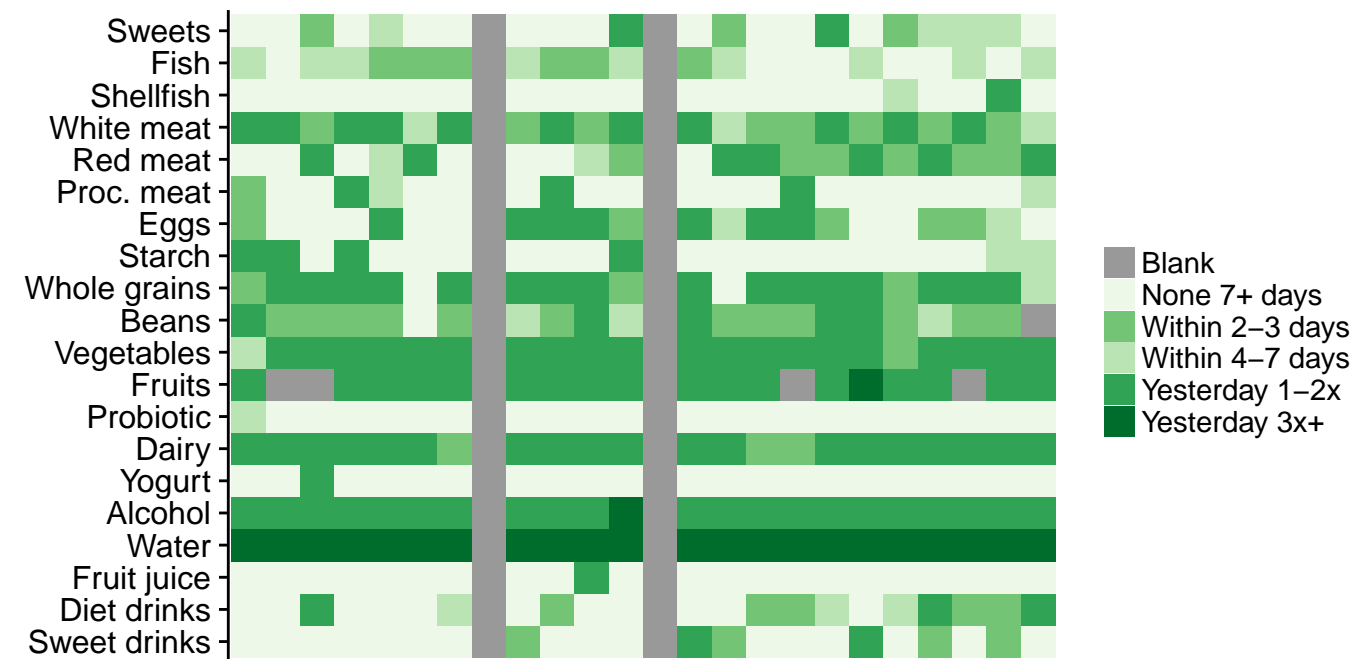
C3020: 47 Female White Cedars–Sinai | CD L3



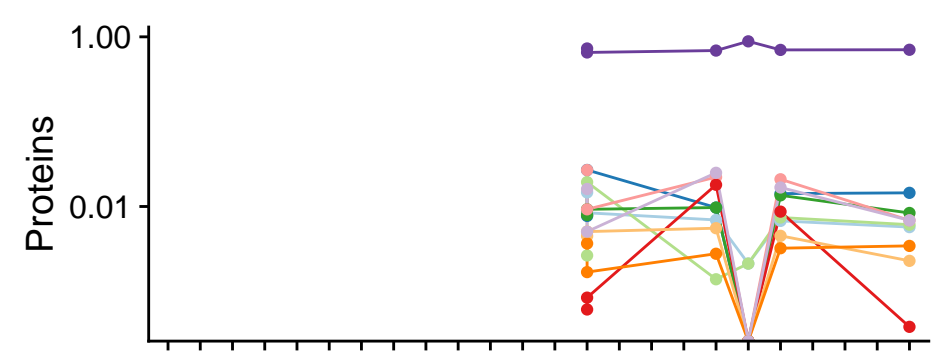
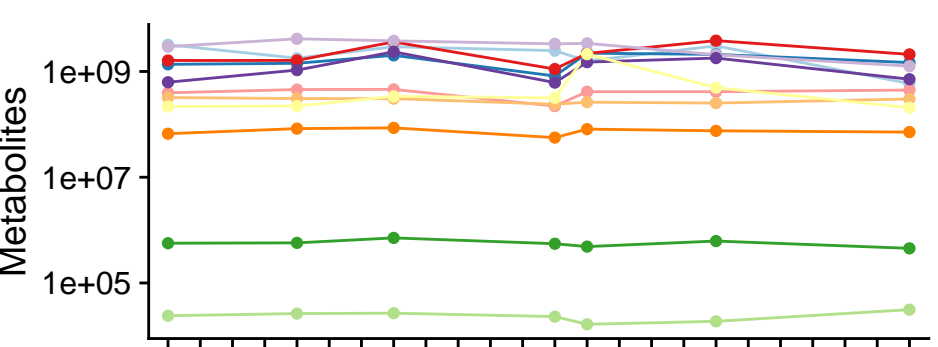
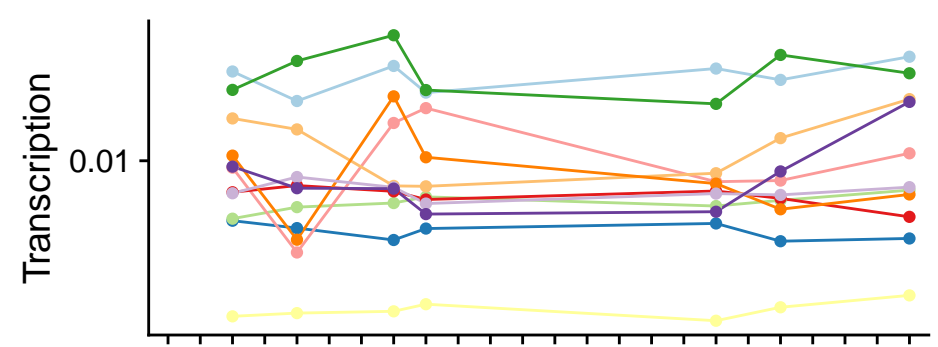
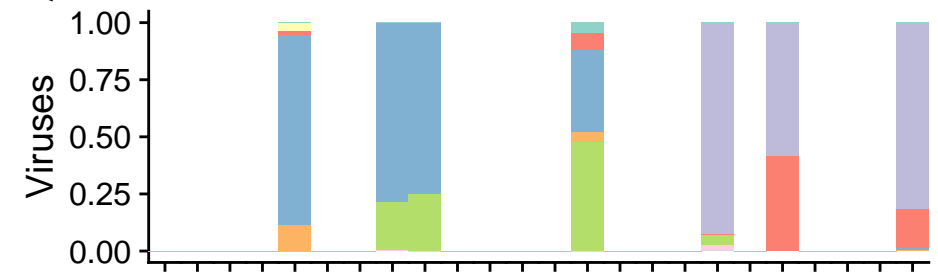
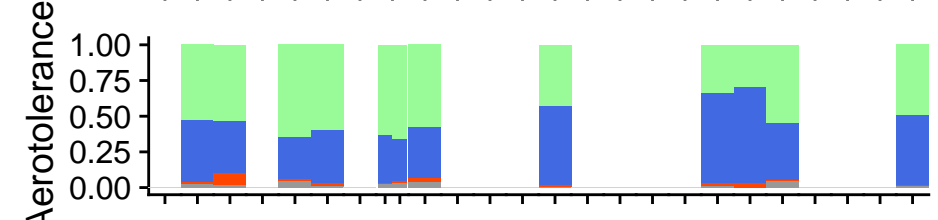
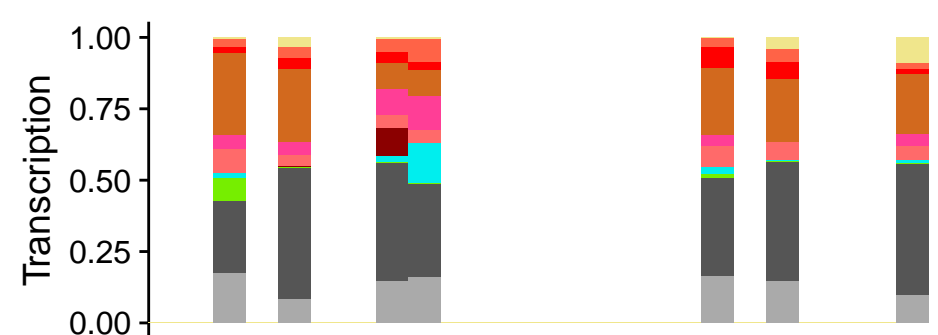
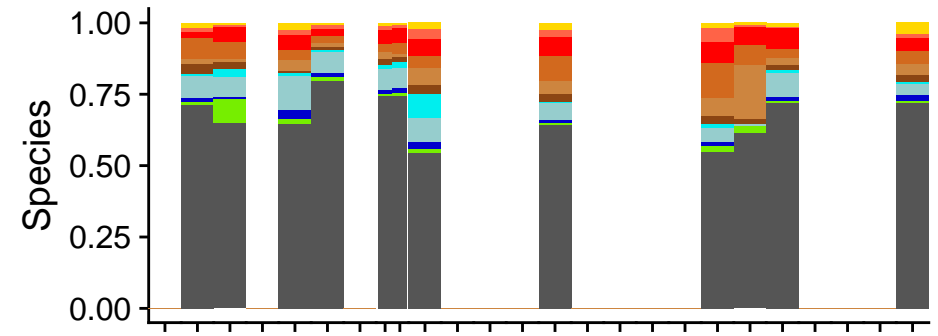
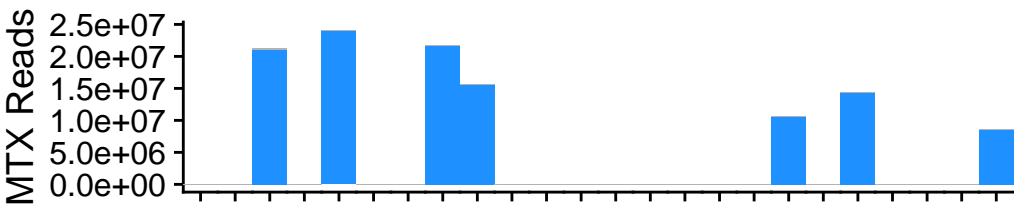
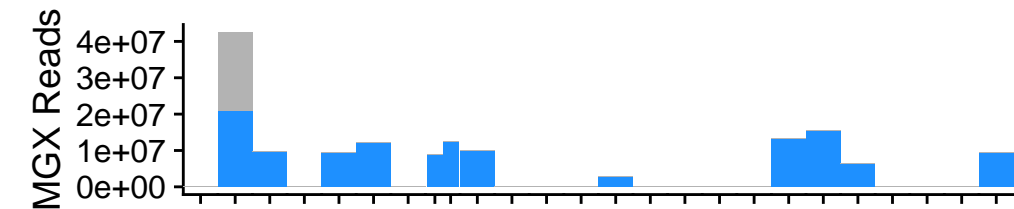
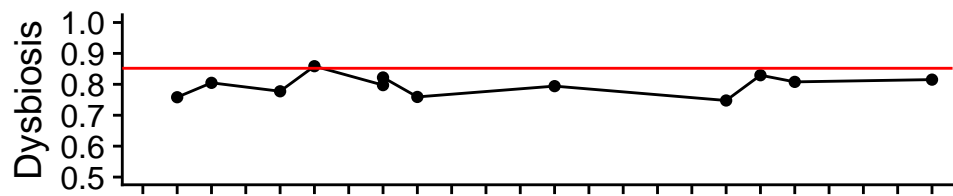
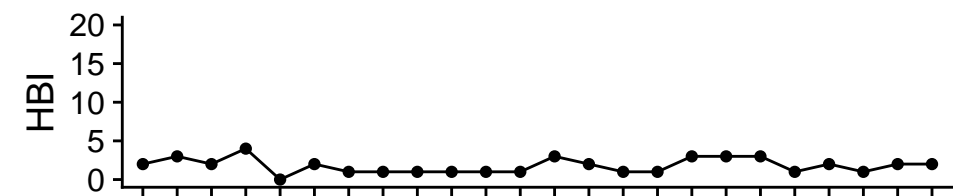
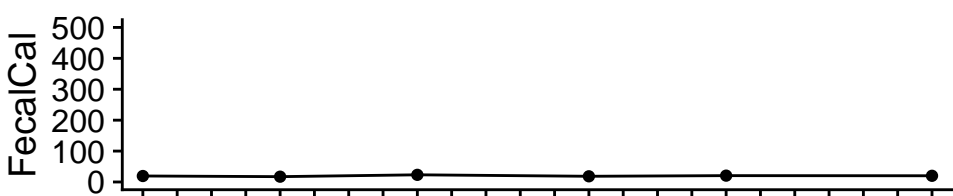
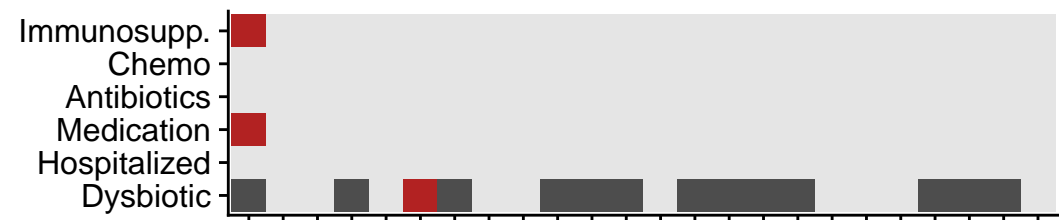
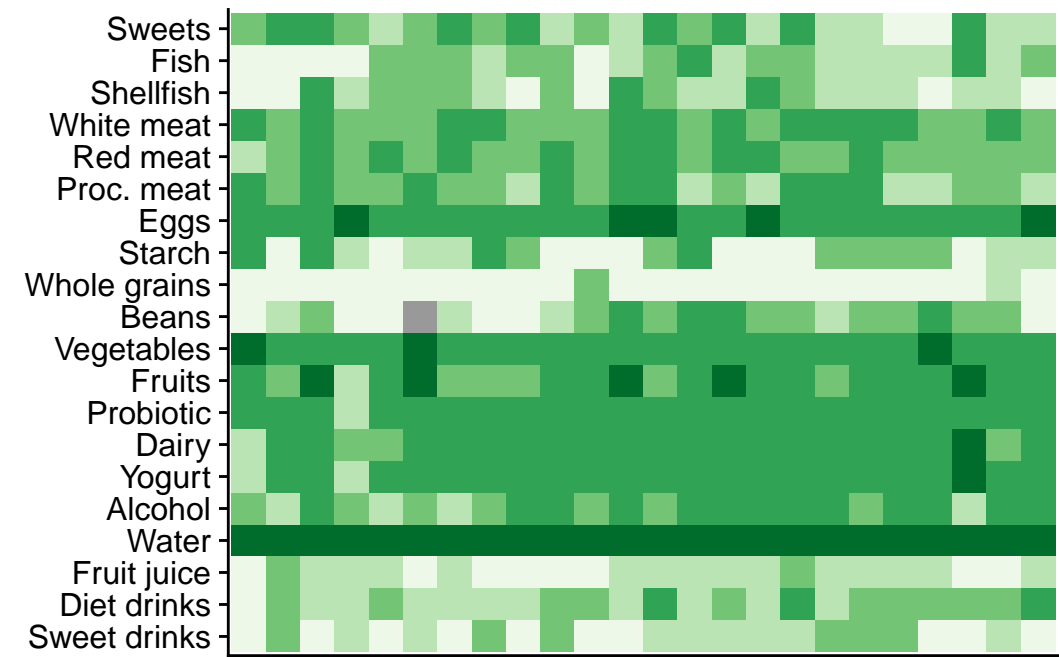


Proteins

C3022: 69 Male White Cedars–Sinai | nonIBD

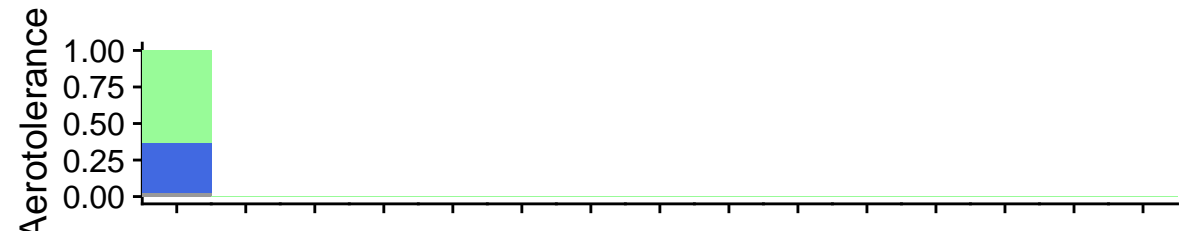
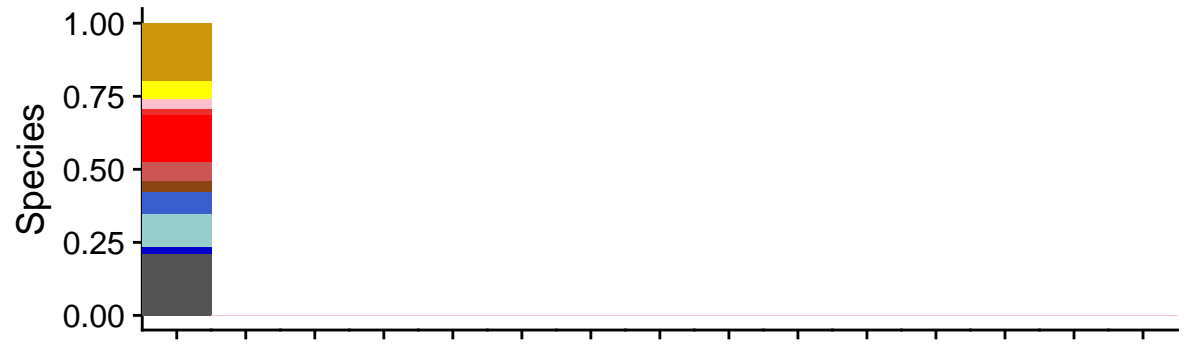
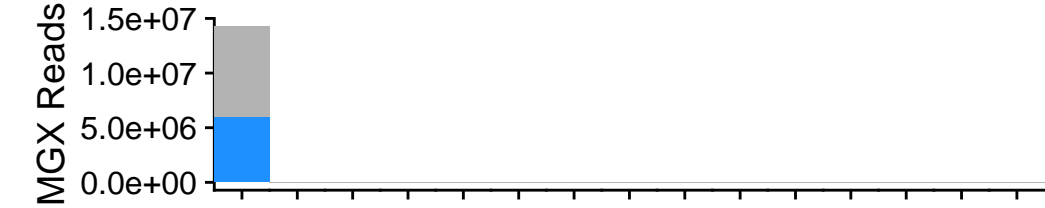
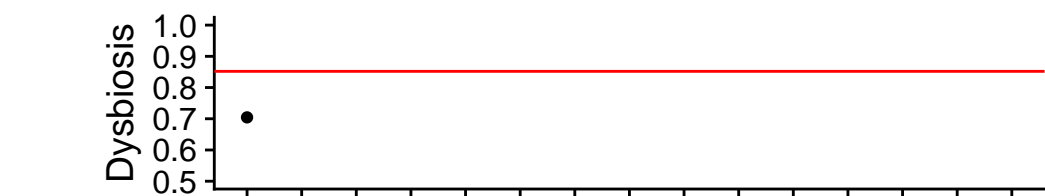
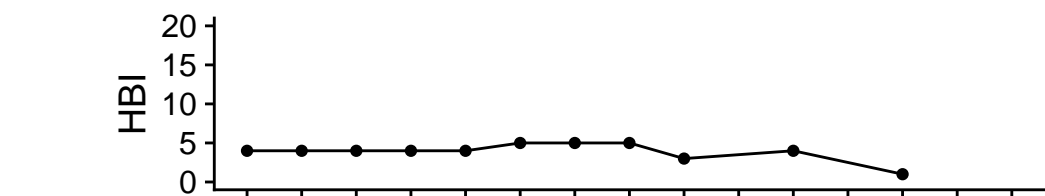
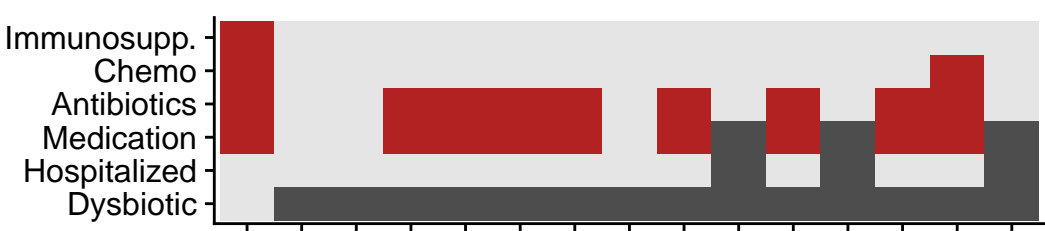
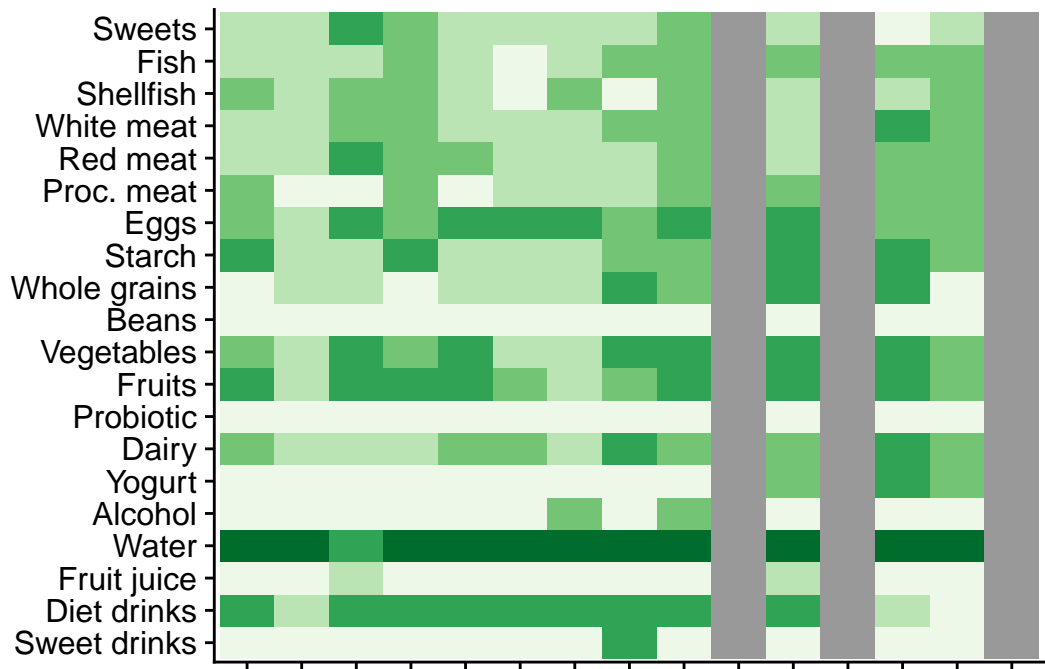


C3023: 60 Male White Cedars–Sinai | CD L3

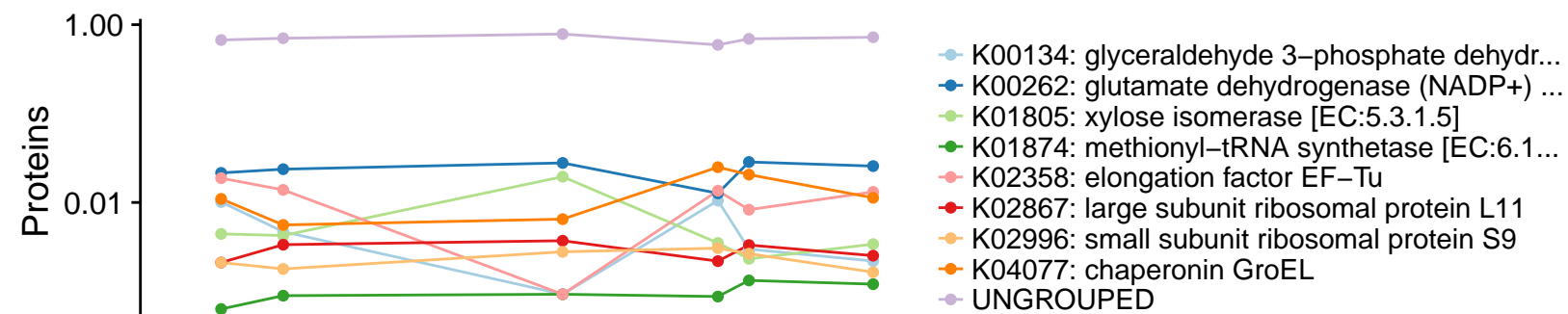
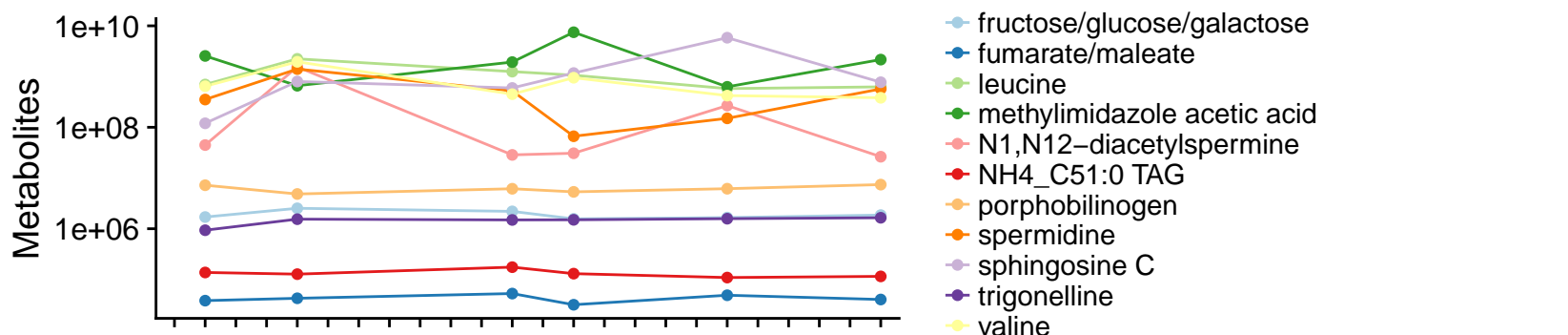
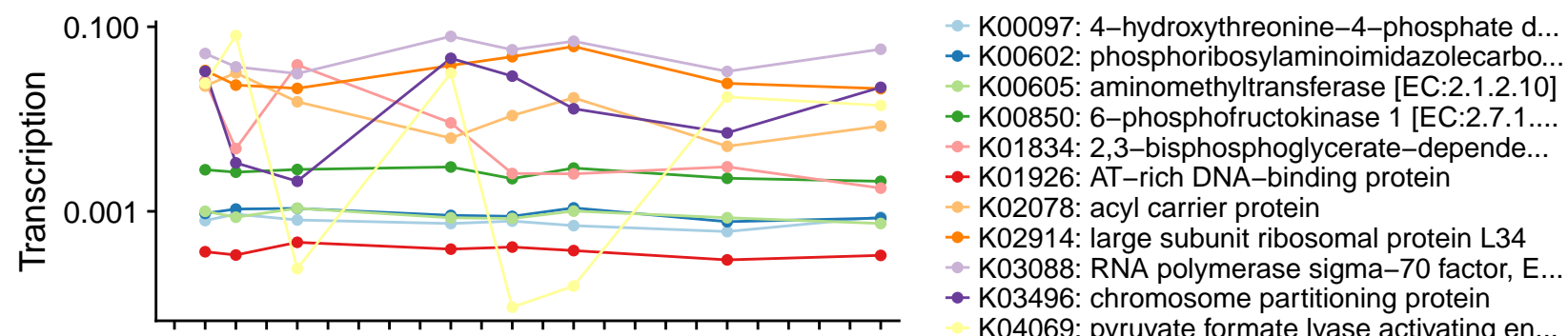
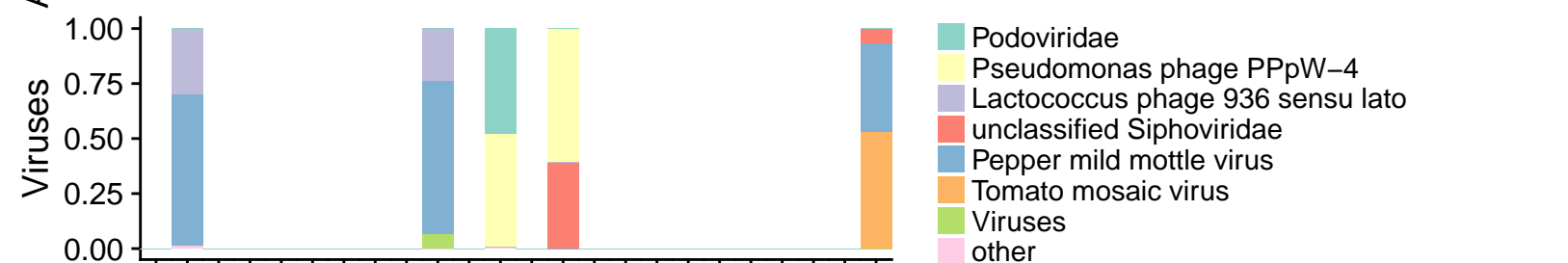
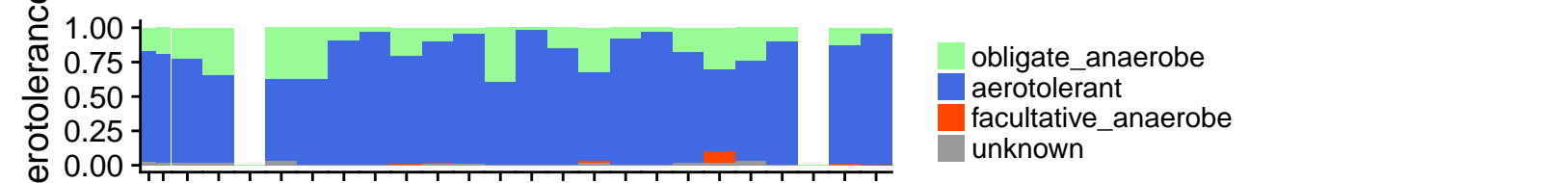
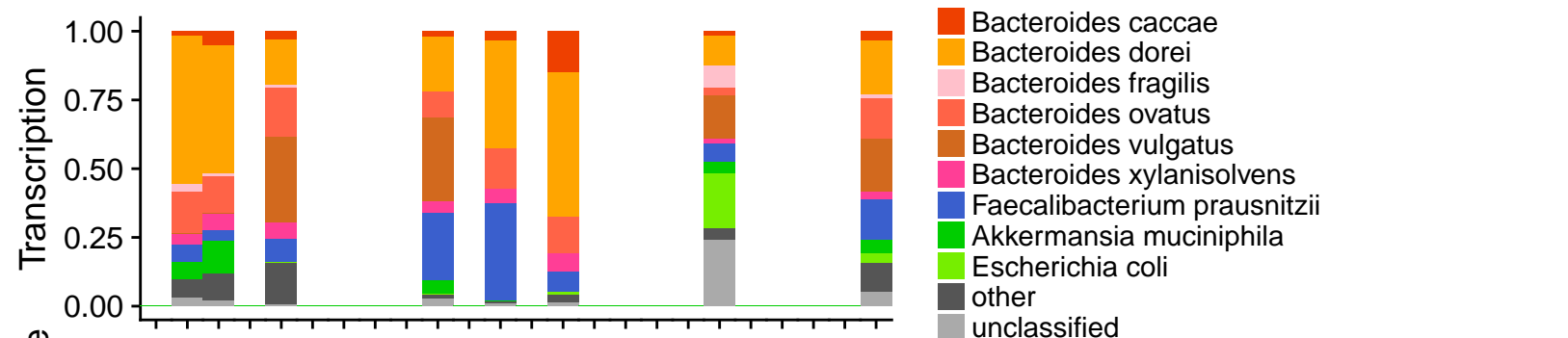
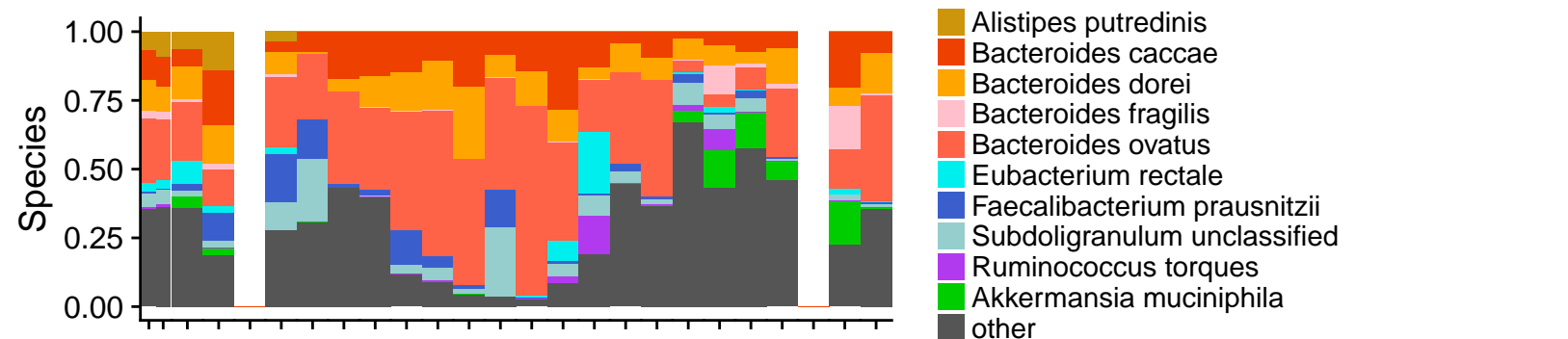
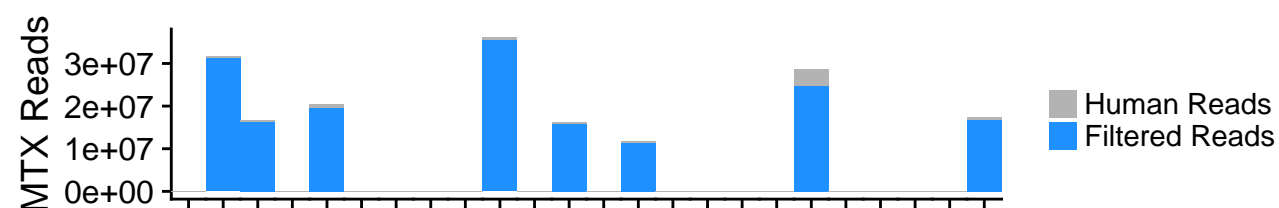
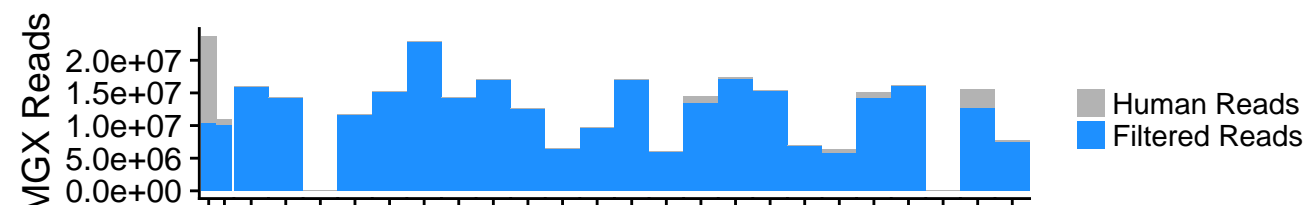
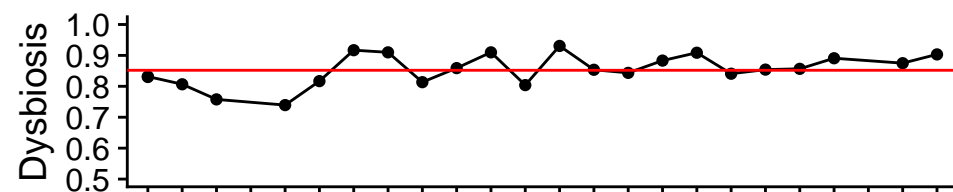
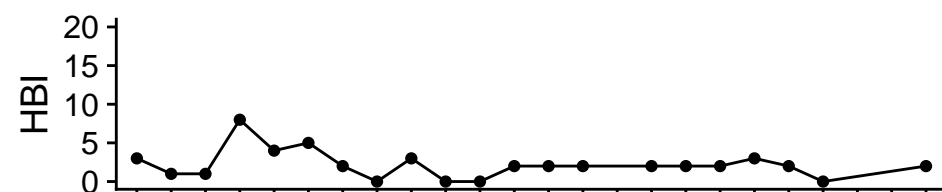
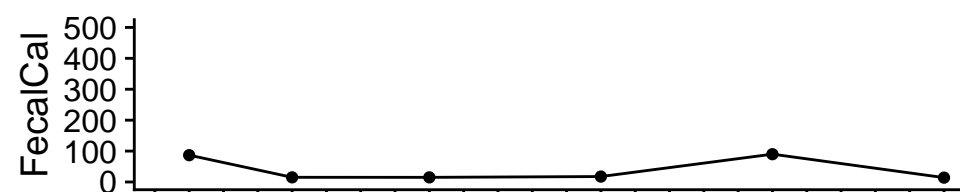
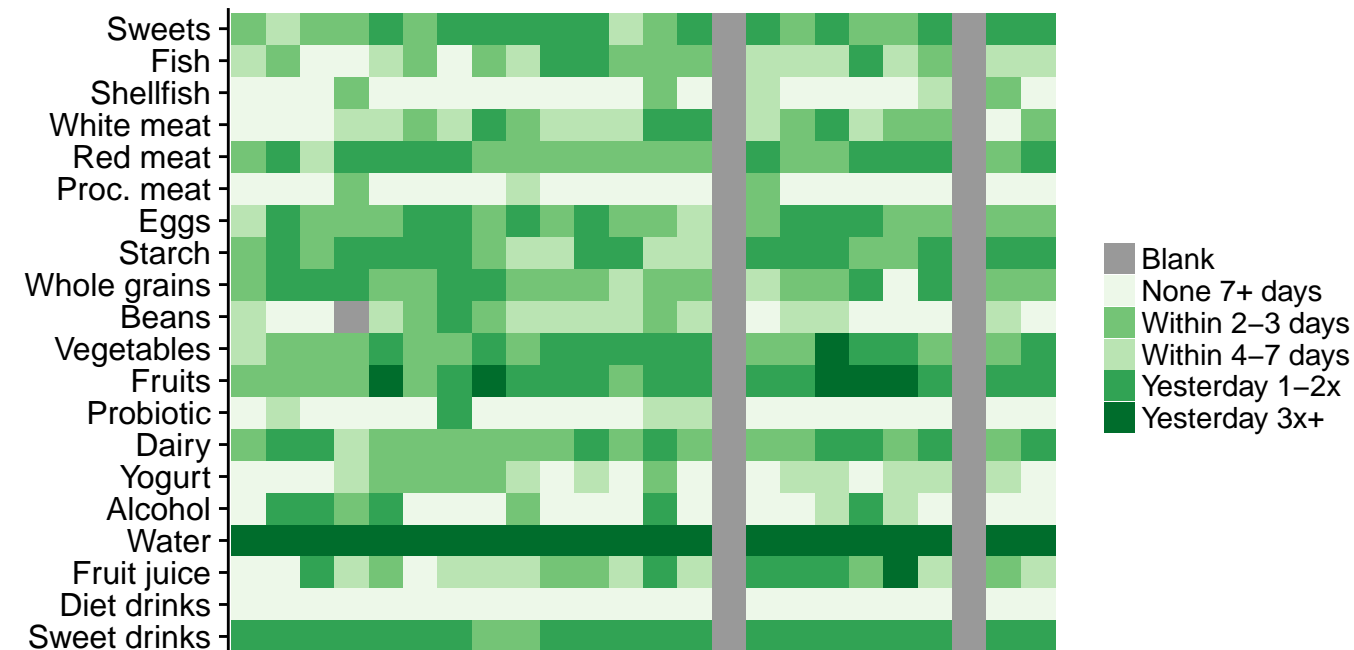


- Alistipes onderdonkii
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides massiliensis
- Odoribacter splanchnicus
- Eubacterium rectale
- Subdoligranulum unclassified
- Oscillibacter unclassified
- Escherichia coli
- other
- Alistipes finegoldii
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides xylanisolvens
- Parabacteroides distasonis
- Prevotella copri
- Eubacterium rectale
- Escherichia coli
- other
- unclassified
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- T7virus
- Lactococcus phage c2
- Croceibacter phage P2559S
- unclassified Siphoviridae
- Gokushovirus WZ–2015a
- Bell pepper mottle virus
- Pepper mild mottle virus
- Tomato mottle mosaic virus
- other
- K02078: acyl carrier protein
- K02871: large subunit ribosomal protein L13
- K02878: large subunit ribosomal protein L16
- K02914: large subunit ribosomal protein L34
- K02919: large subunit ribosomal protein L36
- K02950: small subunit ribosomal protein S12
- K02956: small subunit ribosomal protein S15
- K02970: small subunit ribosomal protein S21
- K02982: small subunit ribosomal protein S3
- K03073: preprotein translocase subunit SecE
- K03718: Lrp/AsnC family transcriptional regul...
- 2–deoxyadenosine
- cadaverine
- imidazolelactate
- lactate
- linoleate
- methylimidazole acetic acid
- oleate
- palmitate
- spermidine
- sphingosine C
- valine
- K00134: glyceraldehyde 3–phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K01006: pyruvate, orthophosphate dikinase [...]
- K02355: elongation factor EF–G
- K02358: elongation factor EF–Tu
- K02935: large subunit ribosomal protein L7/L...
- K03043: DNA–directed RNA polymerase sub...
- K03046: DNA–directed RNA polymerase sub...
- K04077: chaperonin GroEL
- UNGROUPED

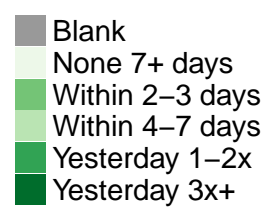
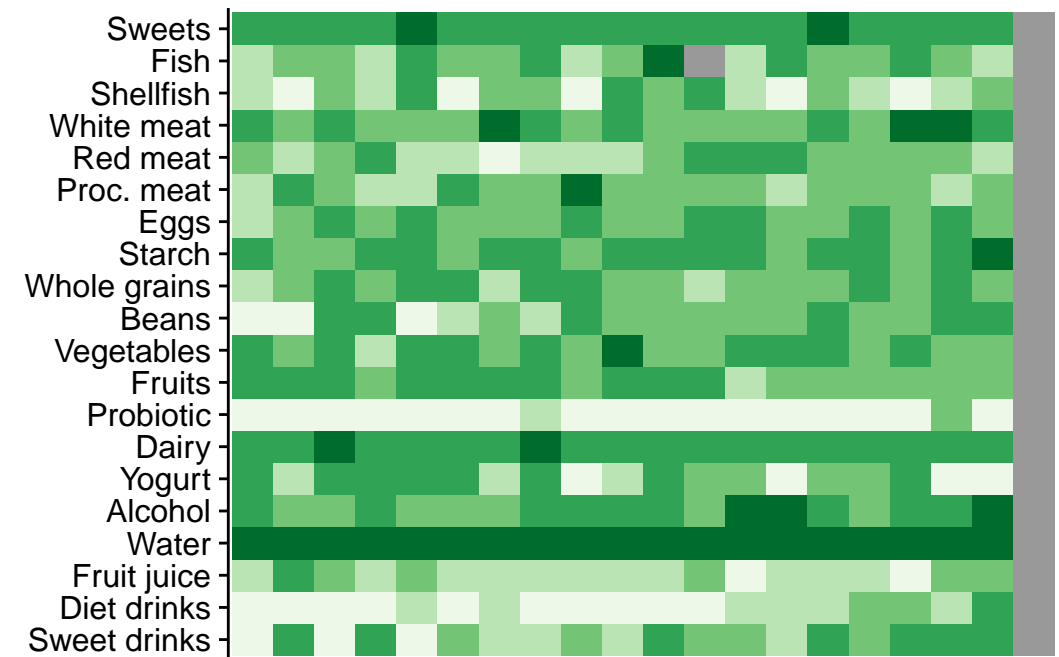
C3024: 40 Female White Cedars–Sinai | CD



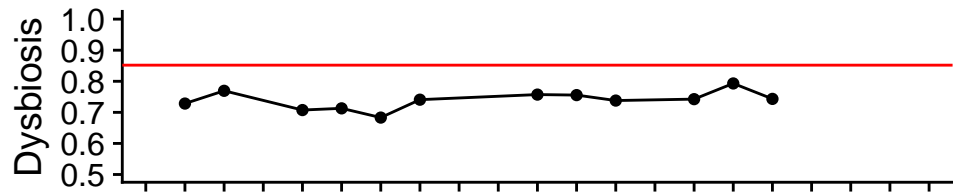
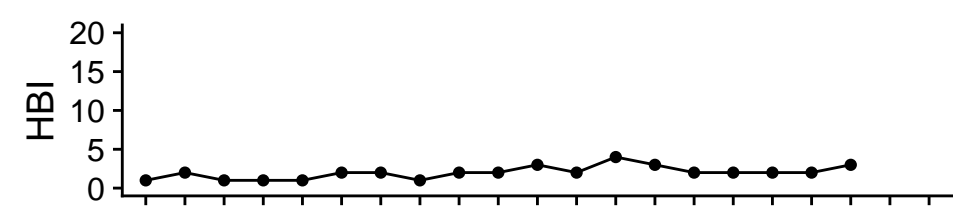
C3027: 36 Female White Cedars–Sinai | CD



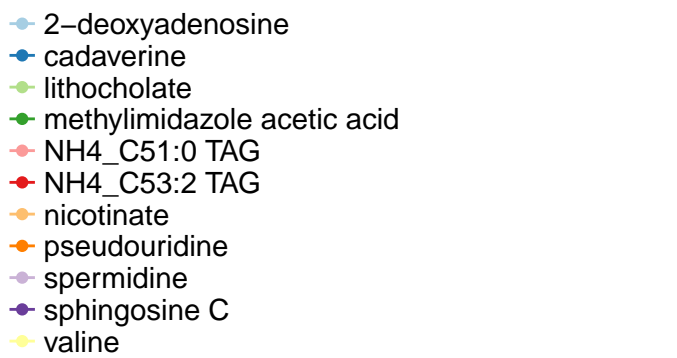
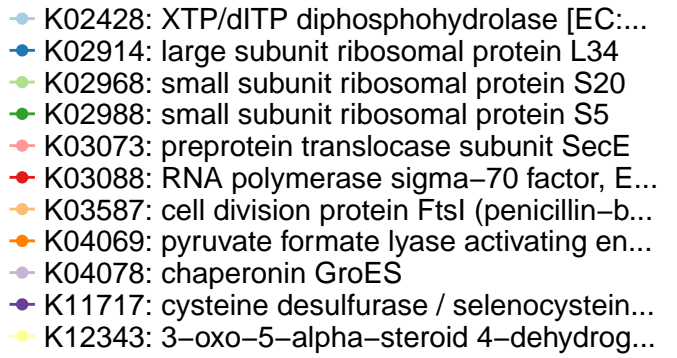
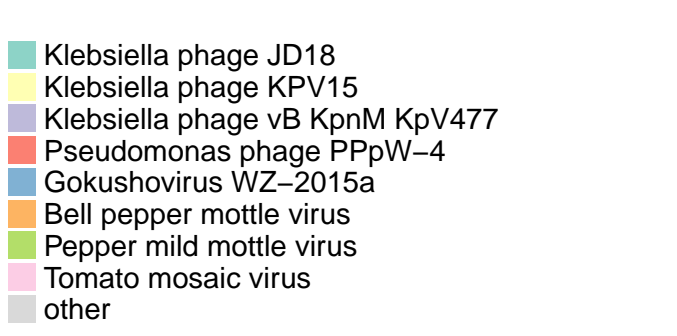
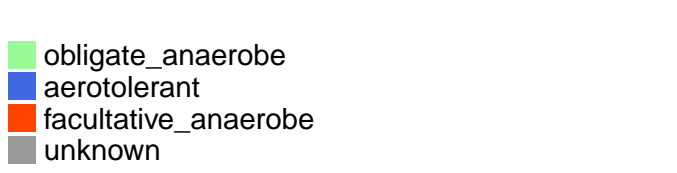
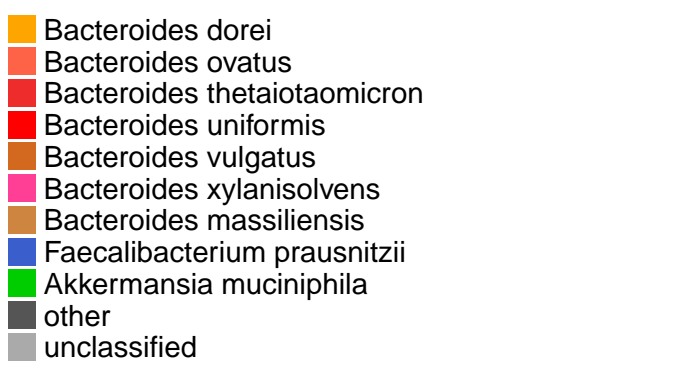
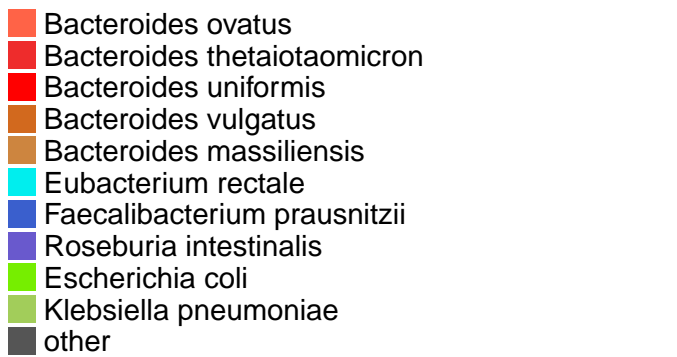
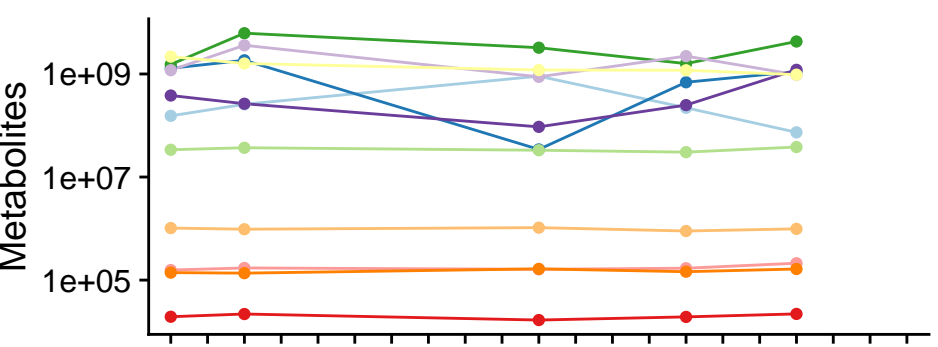
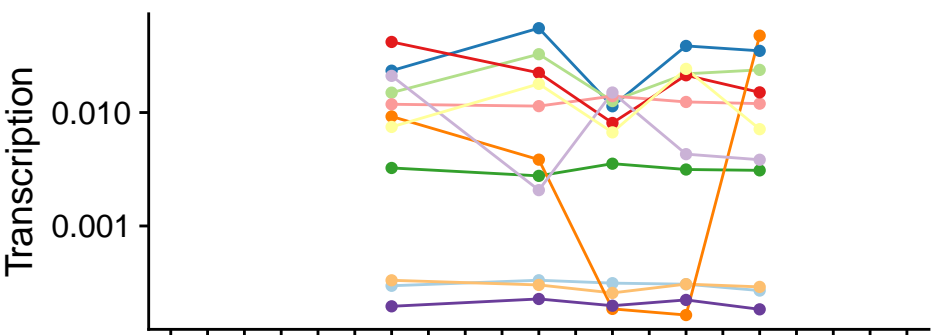
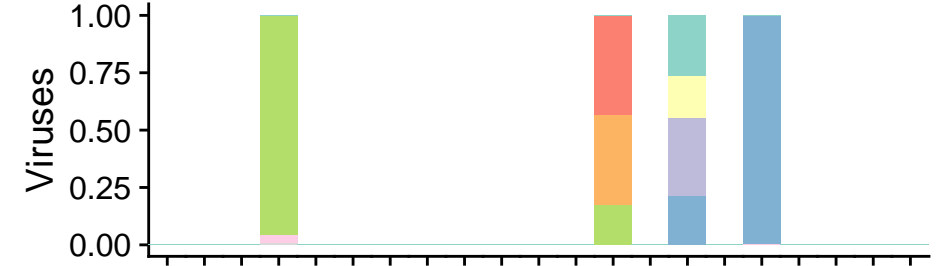
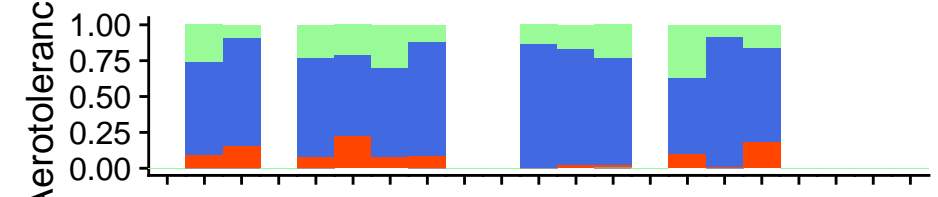
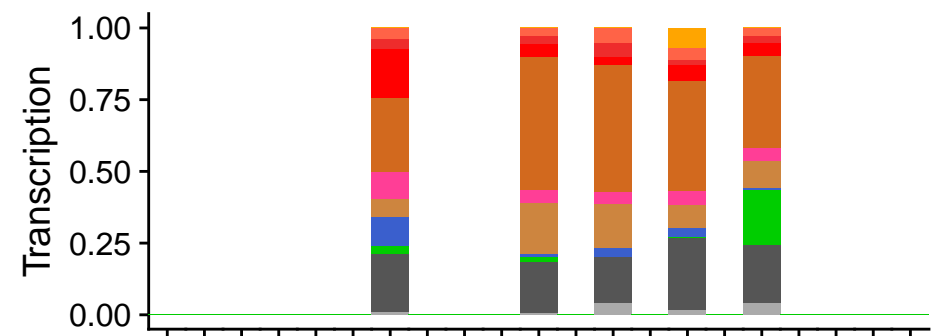
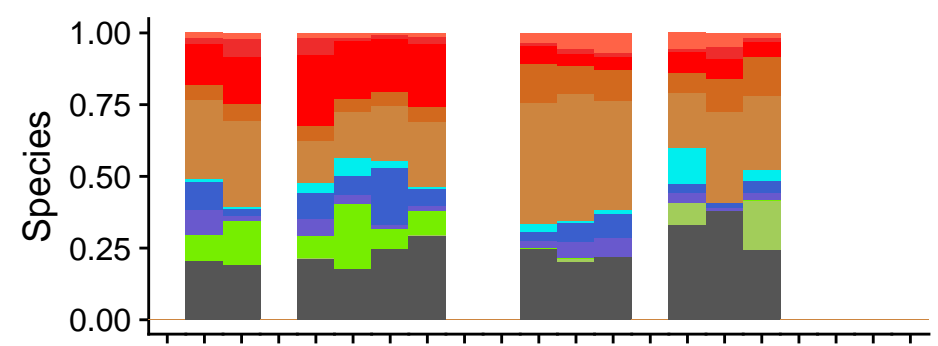
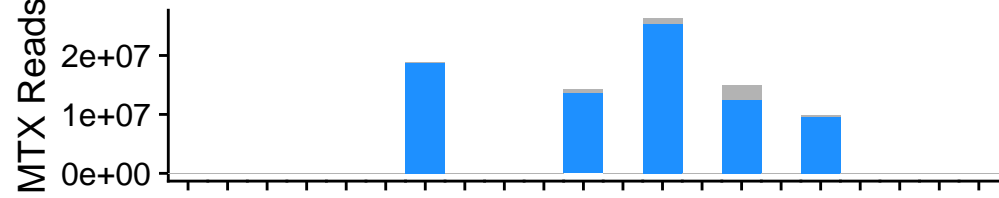
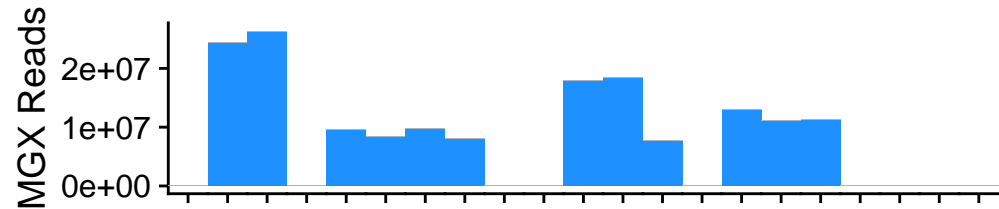
C3028: 33 Male White Cedars–Sinai | CD



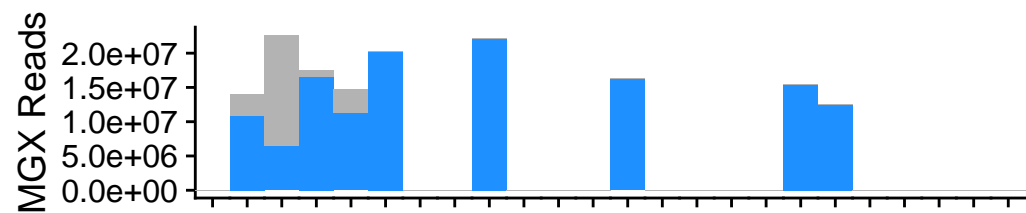
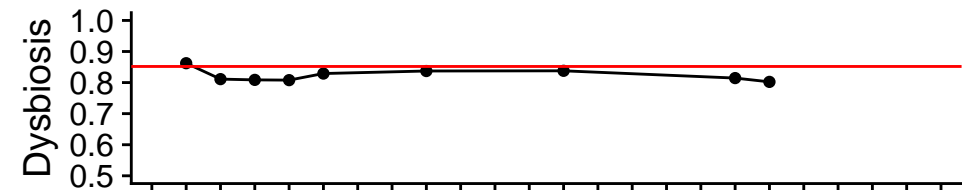
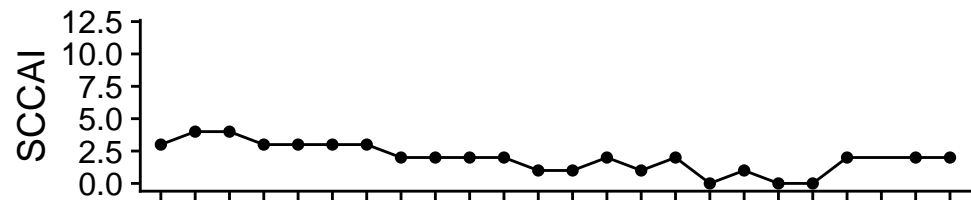
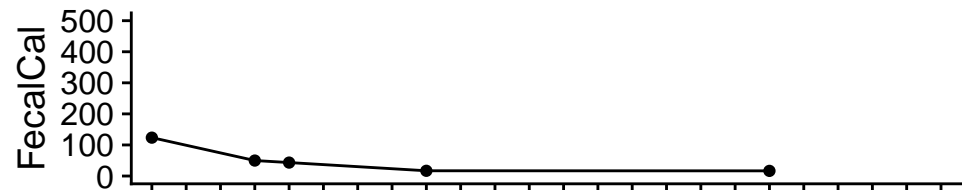
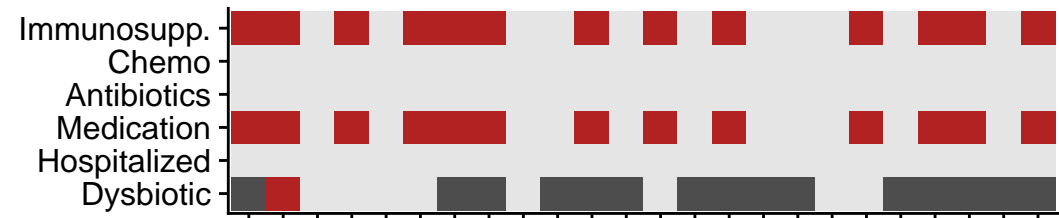
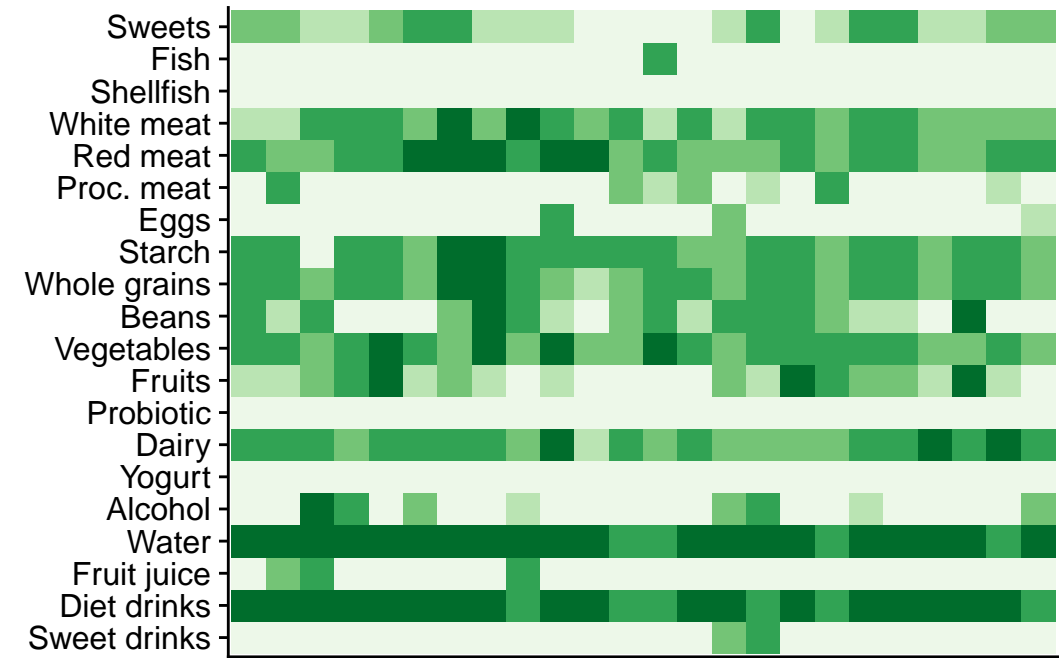
FecalCal



Serology



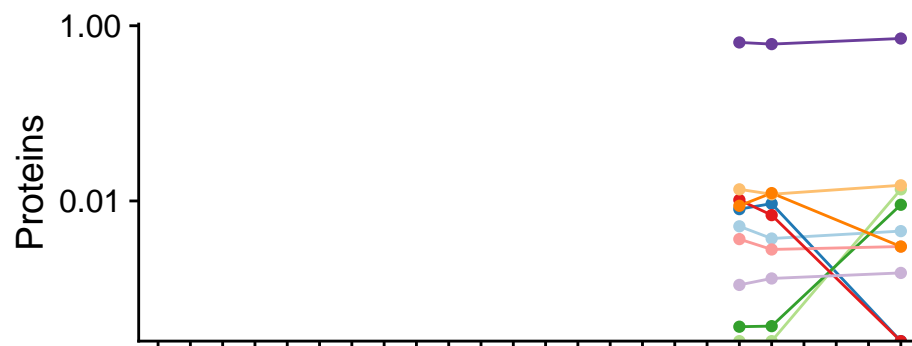
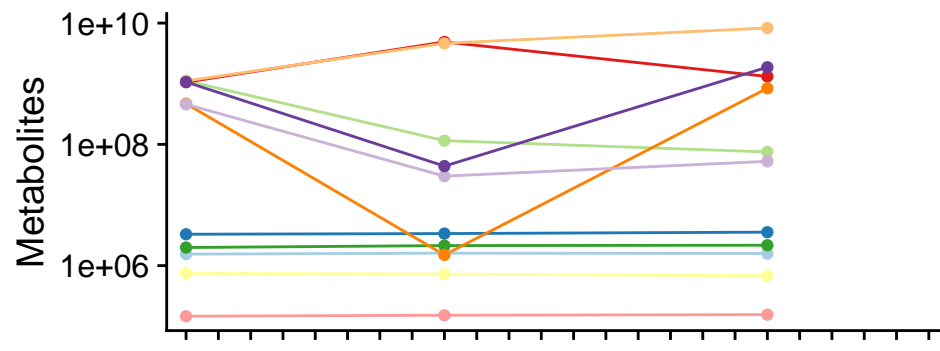
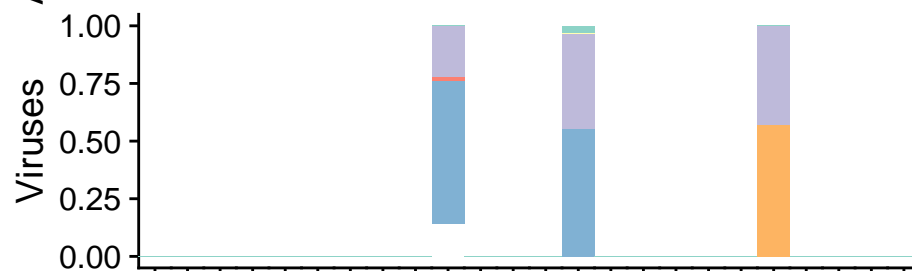
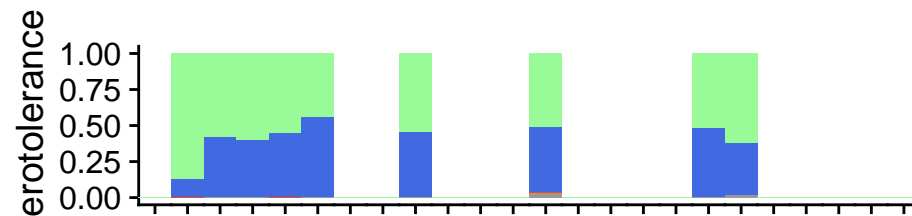
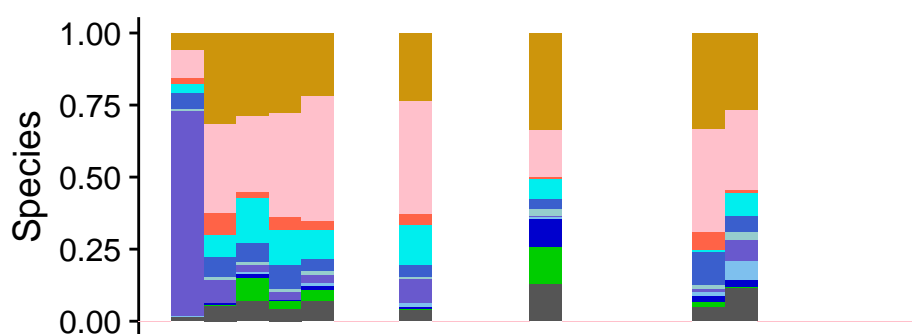
C3029: 32 Male White Cedars–Sinai | UC



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

Blank
No
Yes

Human Reads
Filtered Reads



Alistipes putredinis
Bacteroides fragilis
Bacteroides ovatus
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia intestinalis
Roseburia hominis
Oscillibacter unclassified
Akkermansia muciniphila
other

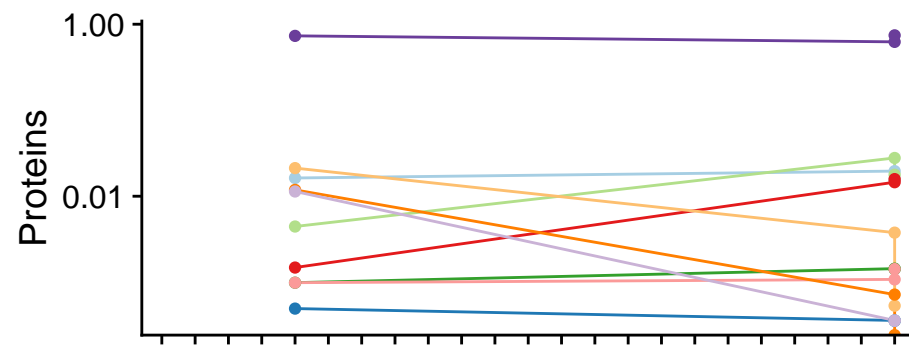
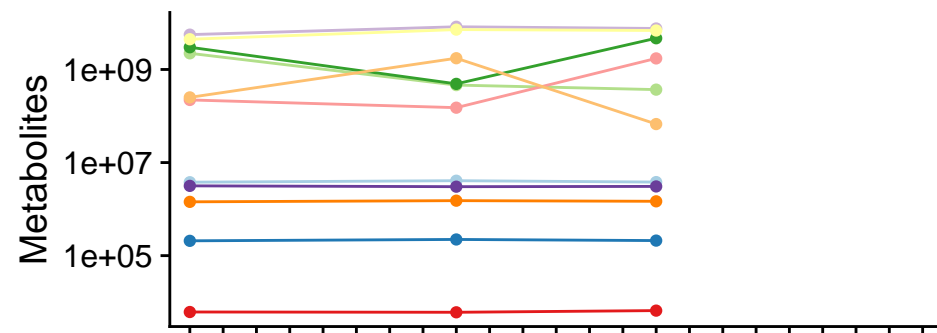
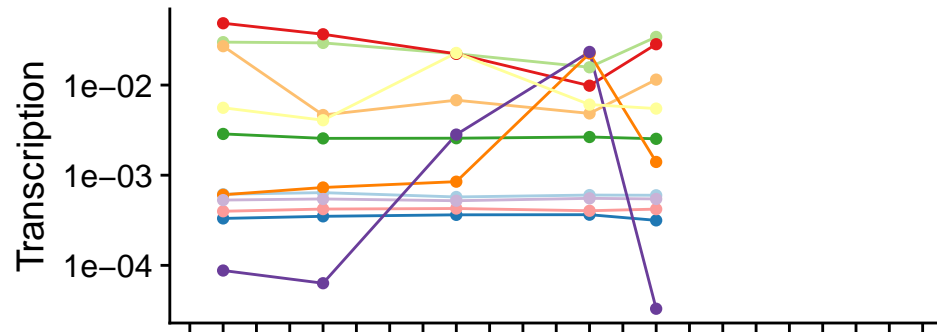
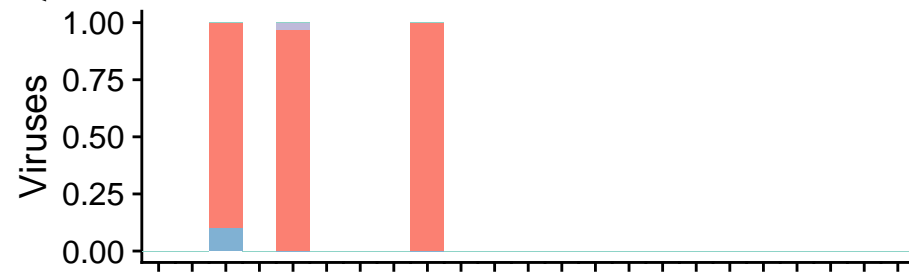
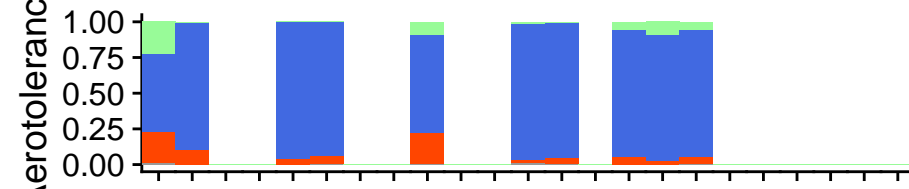
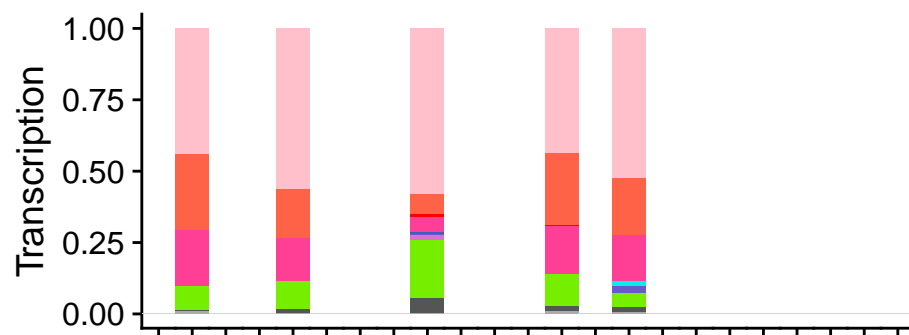
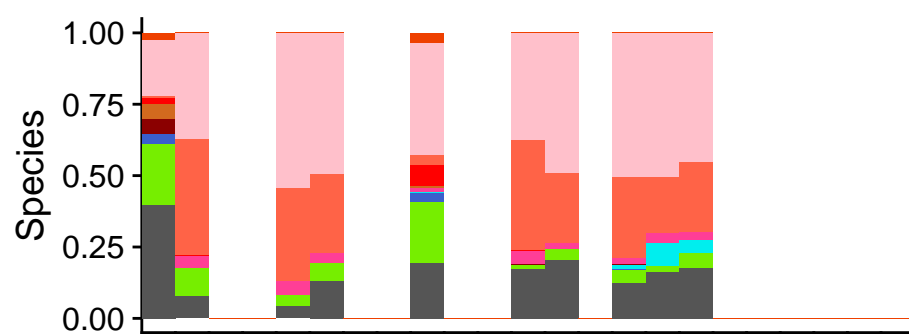
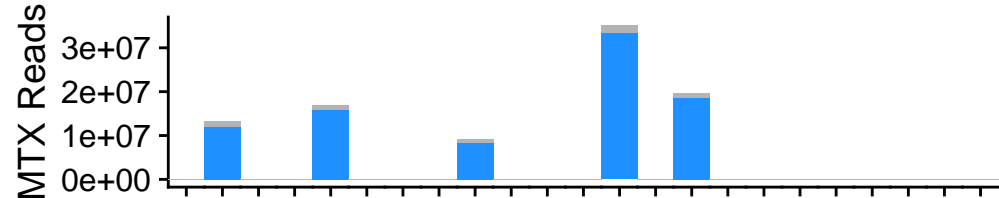
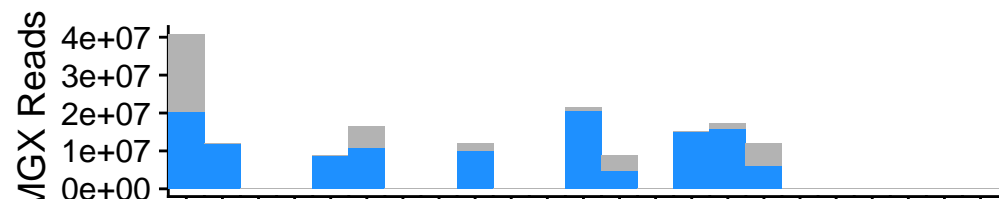
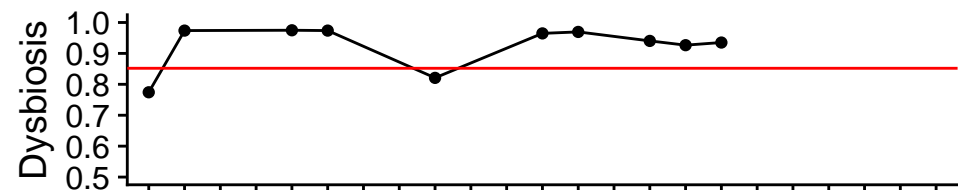
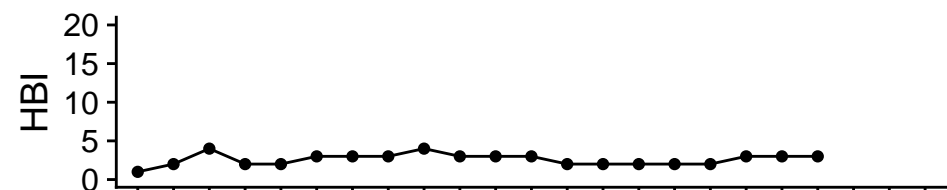
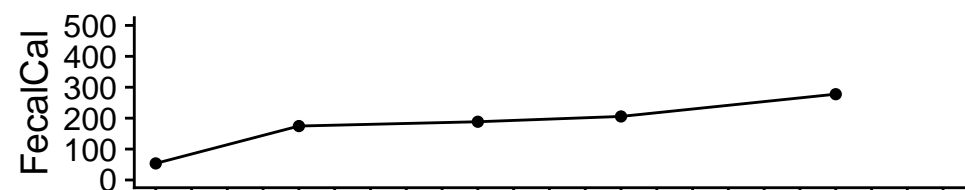
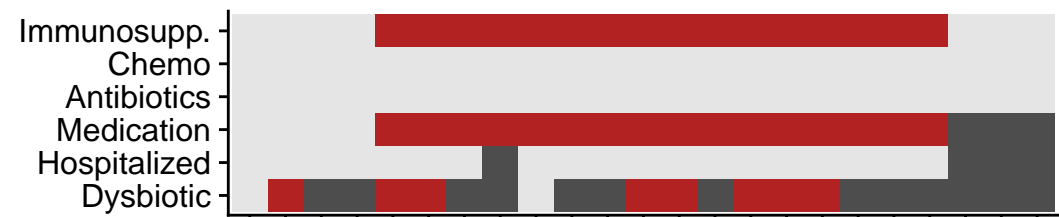
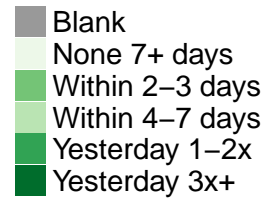
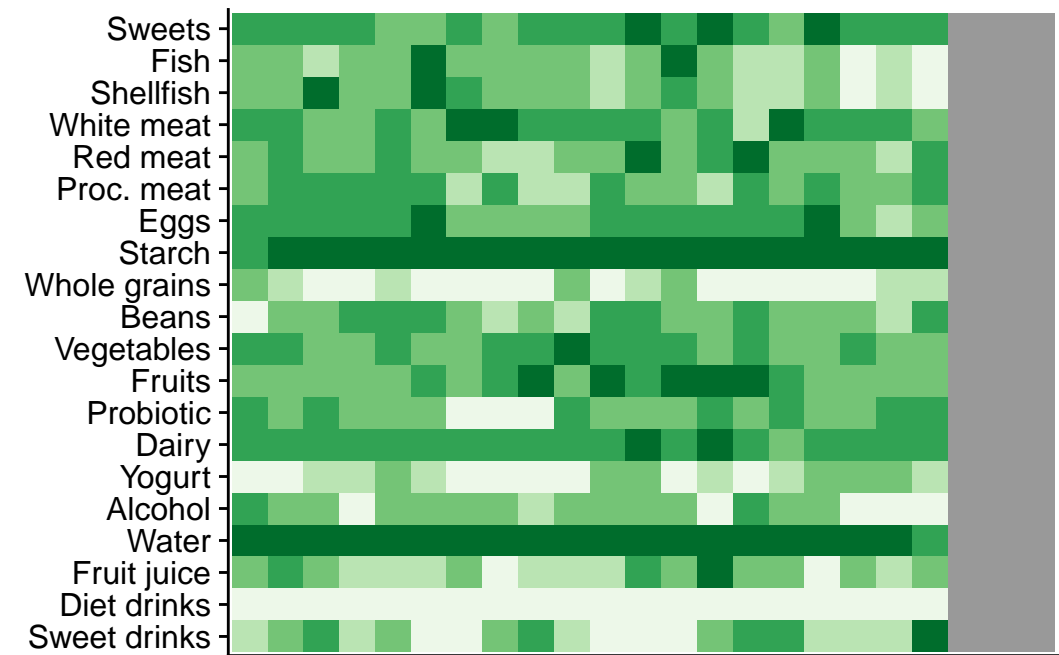
obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

T7virus
Gyrovirus Tu243
Gokushovirus WZ-2015a
Paprika mild mottle virus
Pepper mild mottle virus
Tobacco mosaic virus
NA

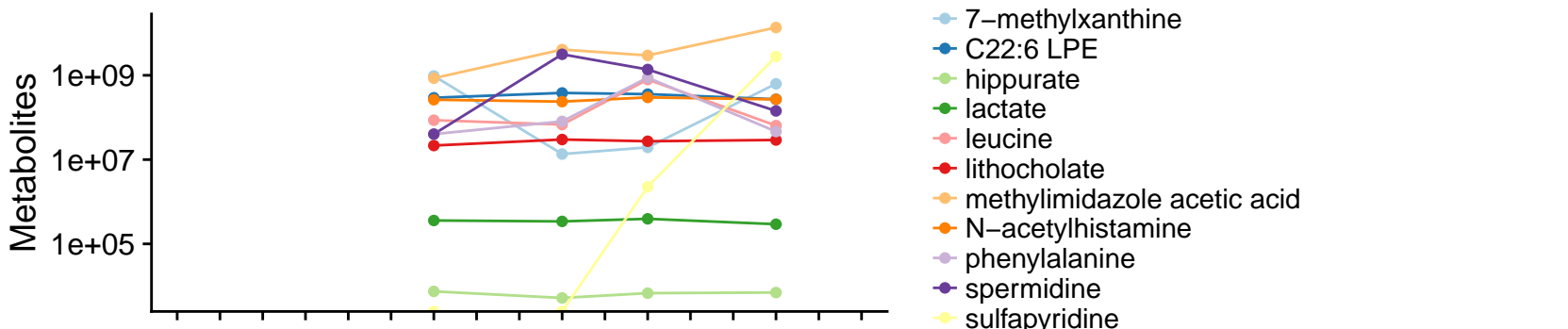
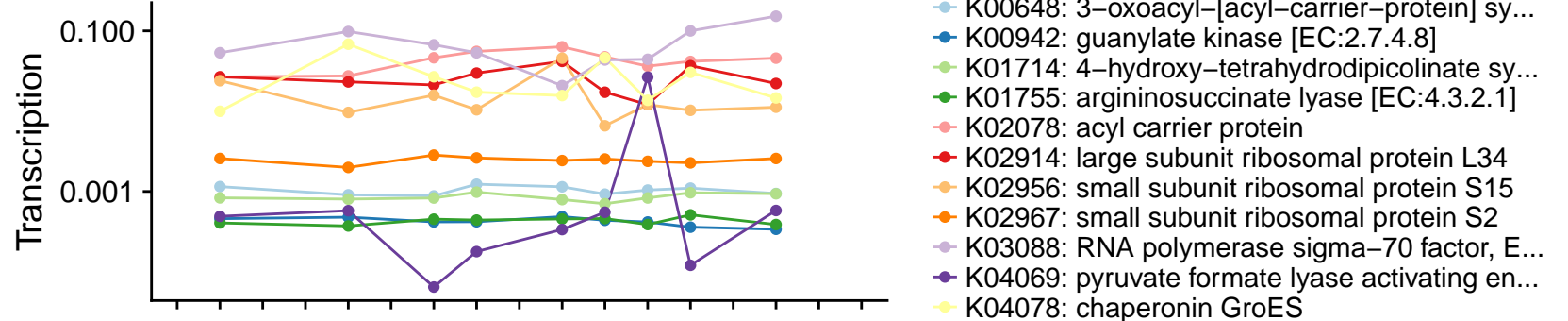
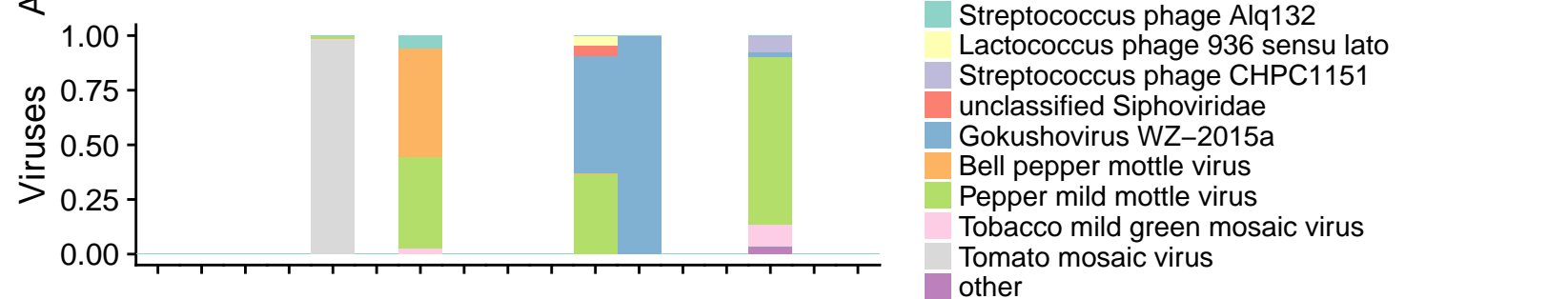
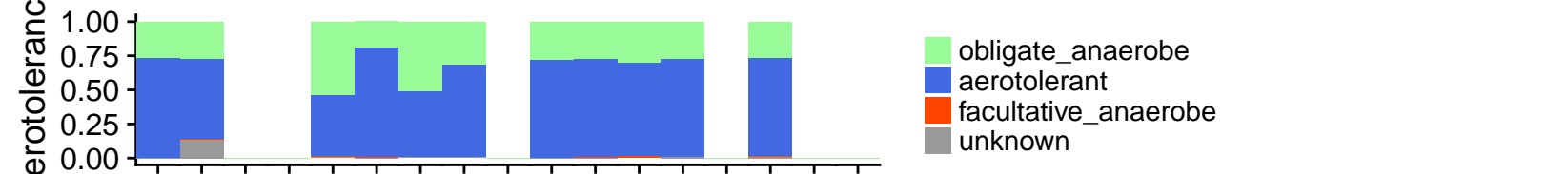
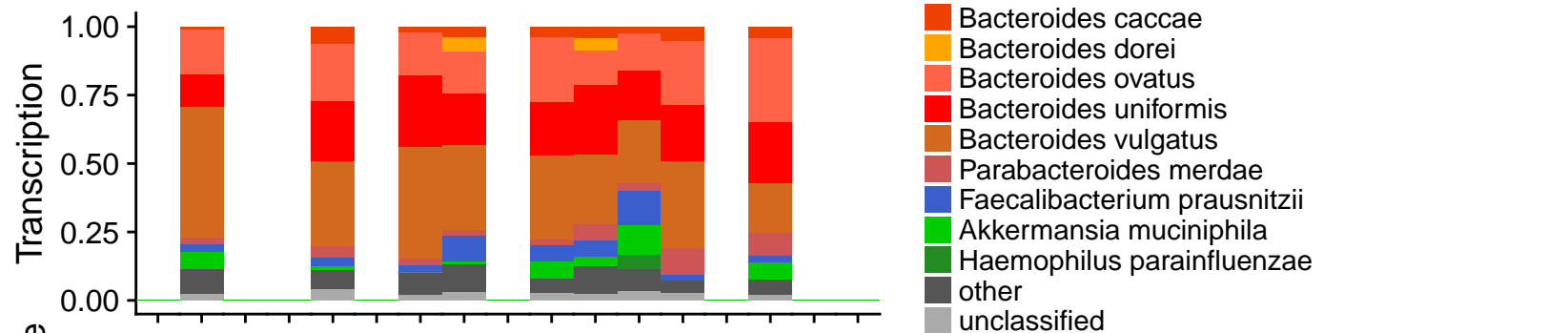
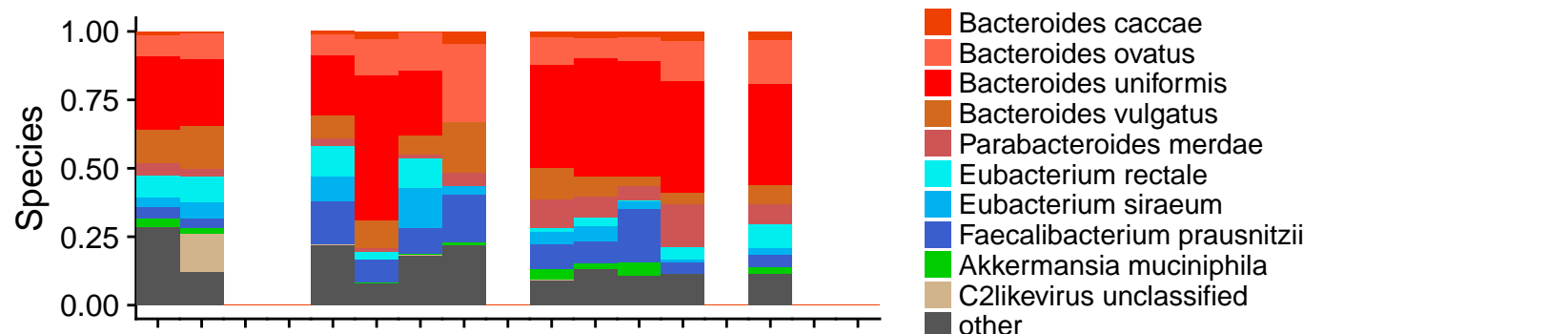
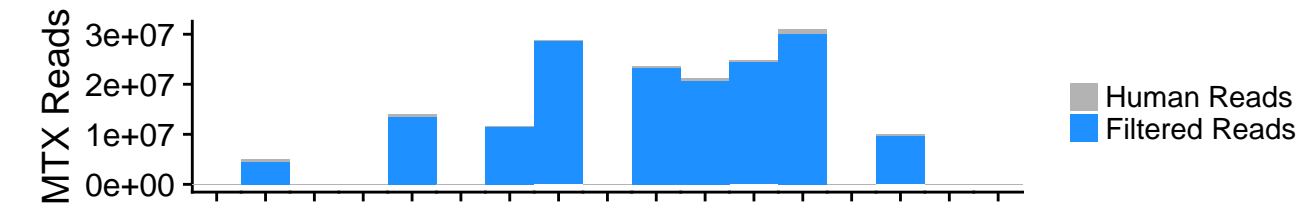
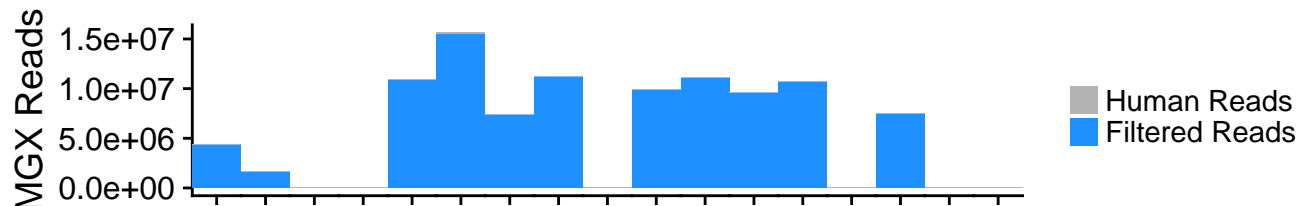
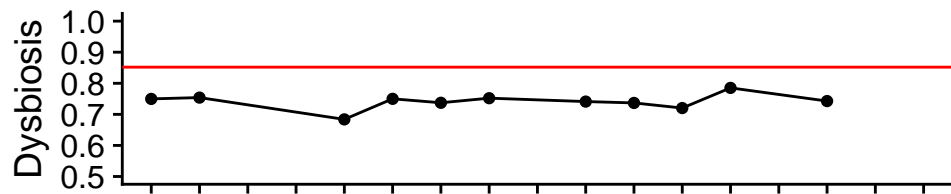
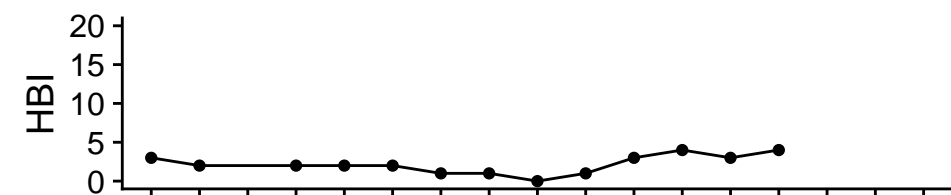
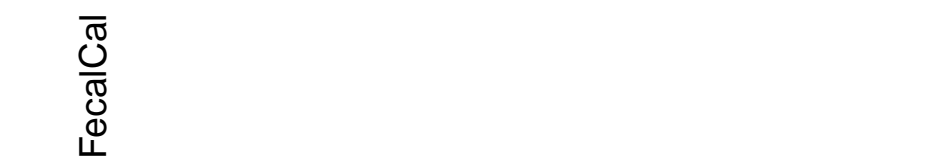
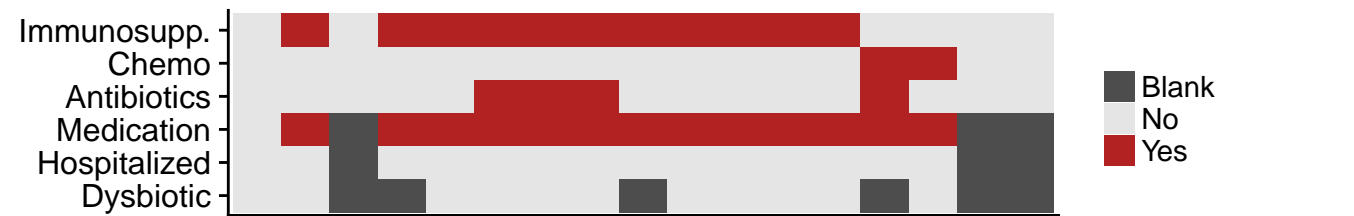
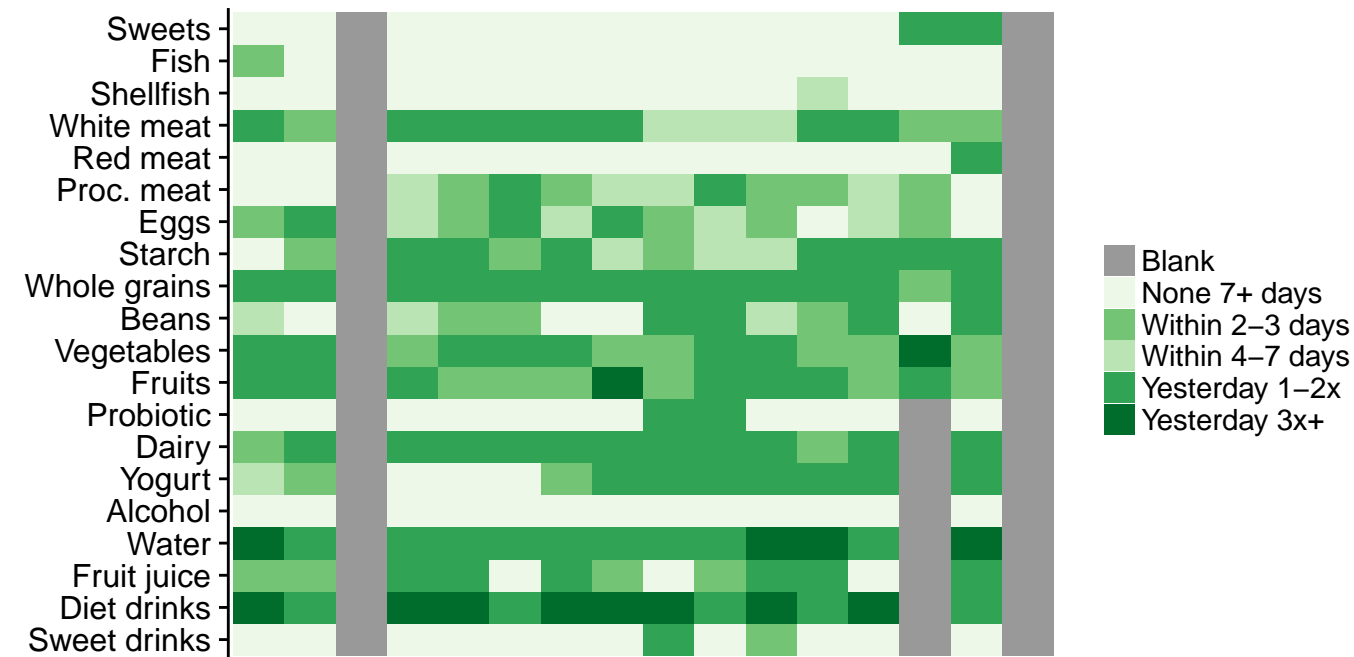
12.13-diHOME
alpha-muricholate
C16:0 LPC_A
cholate
fumarate/maleate
L-urobilin
methylimidazole acetic acid
N-acetylhistamine
phytosphingosine
sphingosine C
thymine

K00134: glyceraldehyde 3-phosphate dehydr...
K01006: pyruvate, orthophosphate dikinase [...]
K01812: glucuronate isomerase [EC:5.3.1.12]
K01813: L-rhamnose isomerase [EC:5.3.1.14]
K02886: large subunit ribosomal protein L2
K03737: pyruvate-ferredoxin/ferredoxin oxido...
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K12257: SecD/SecF fusion protein
UNGROUPED

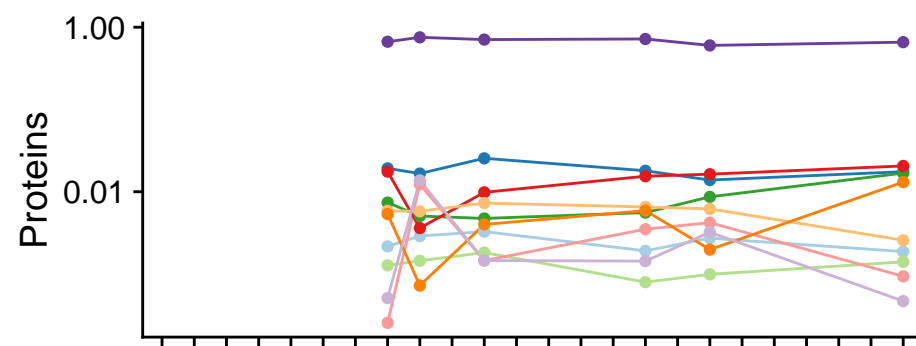
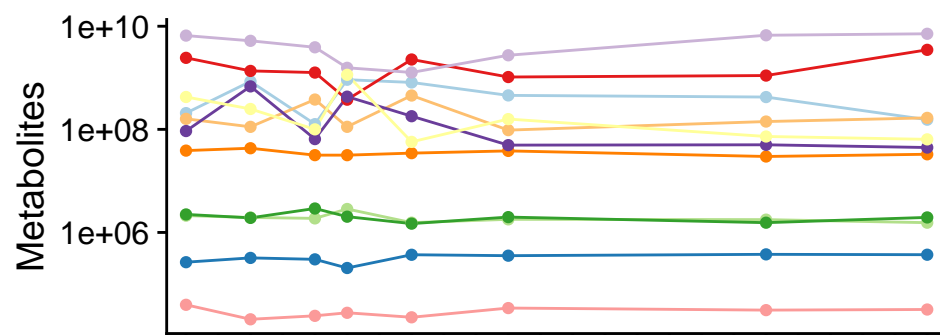
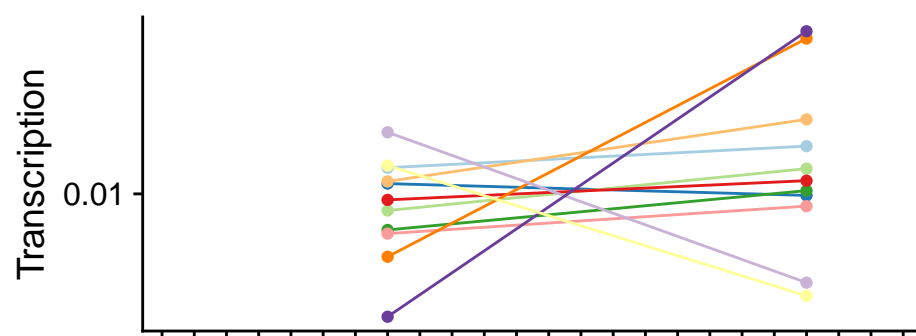
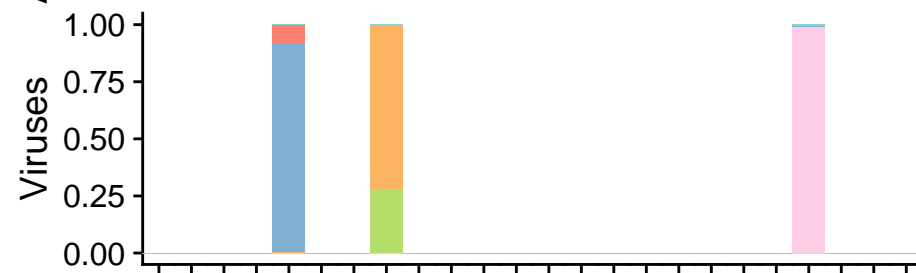
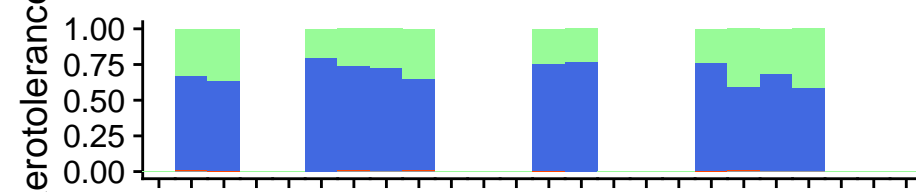
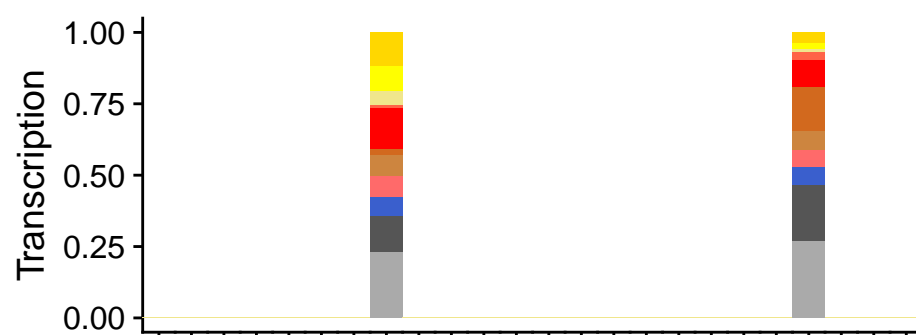
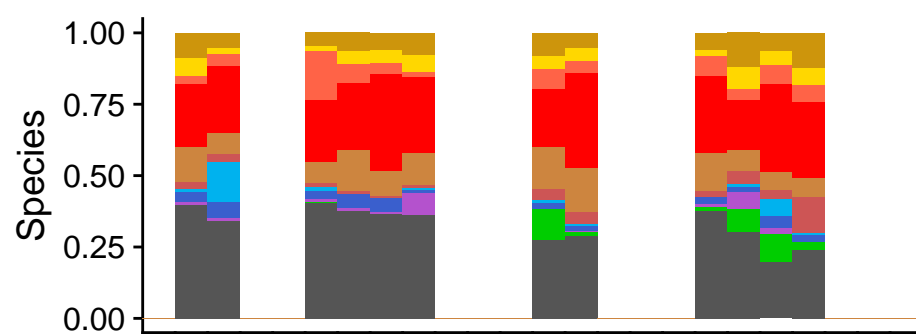
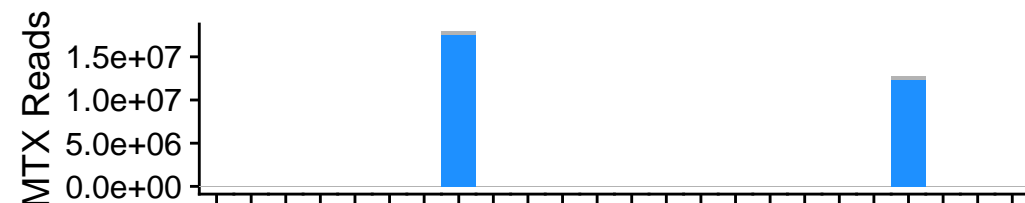
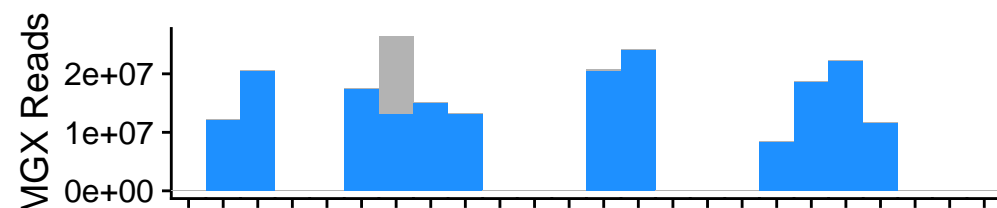
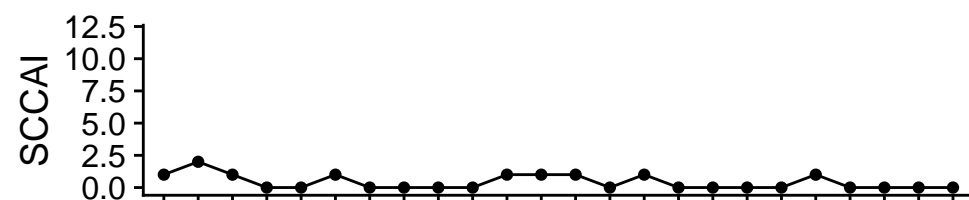
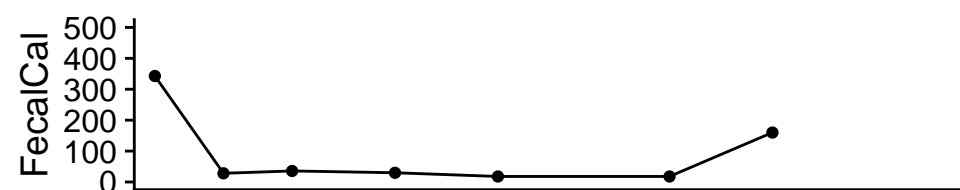
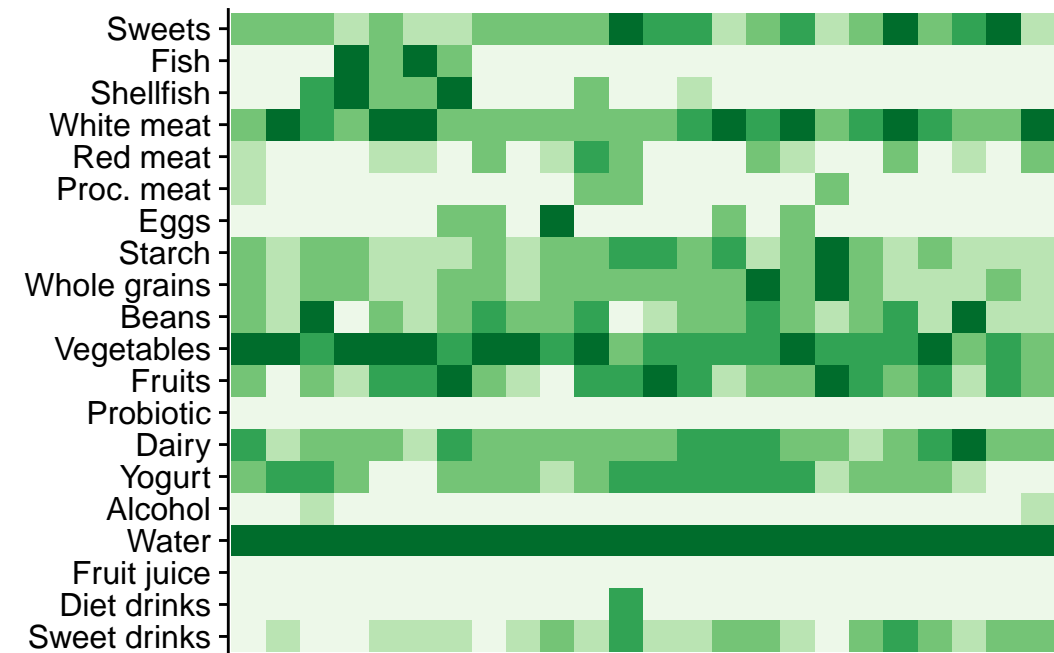
C3030: 44 Male White Cedars–Sinai | CD L2



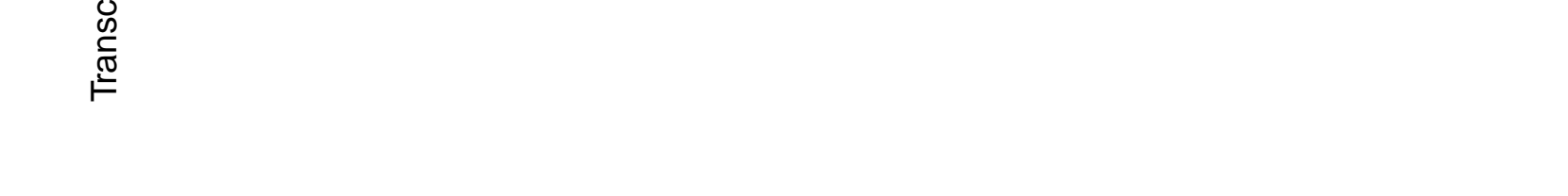
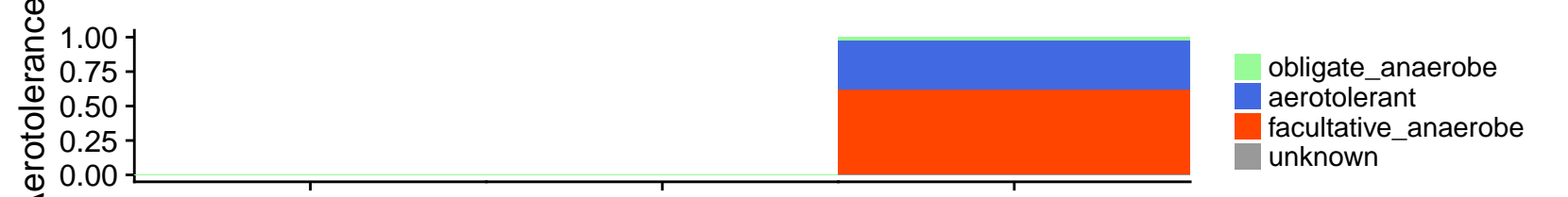
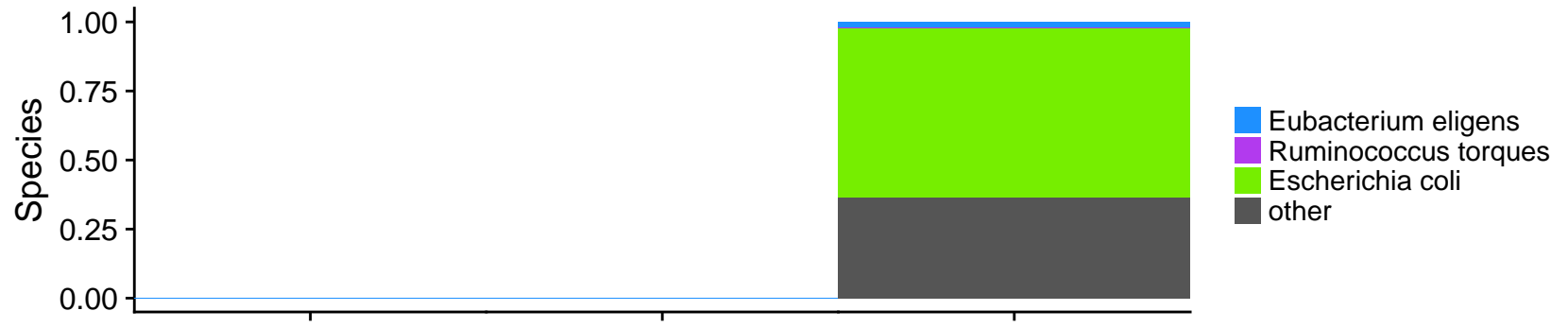
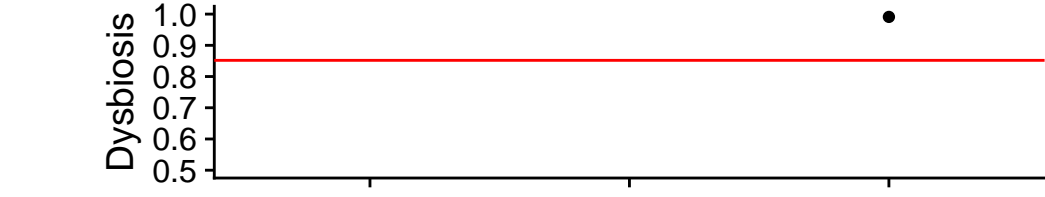
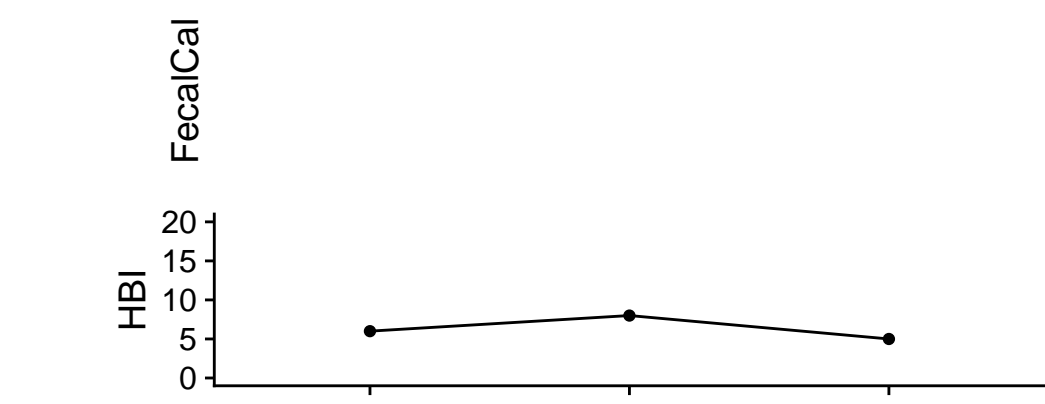
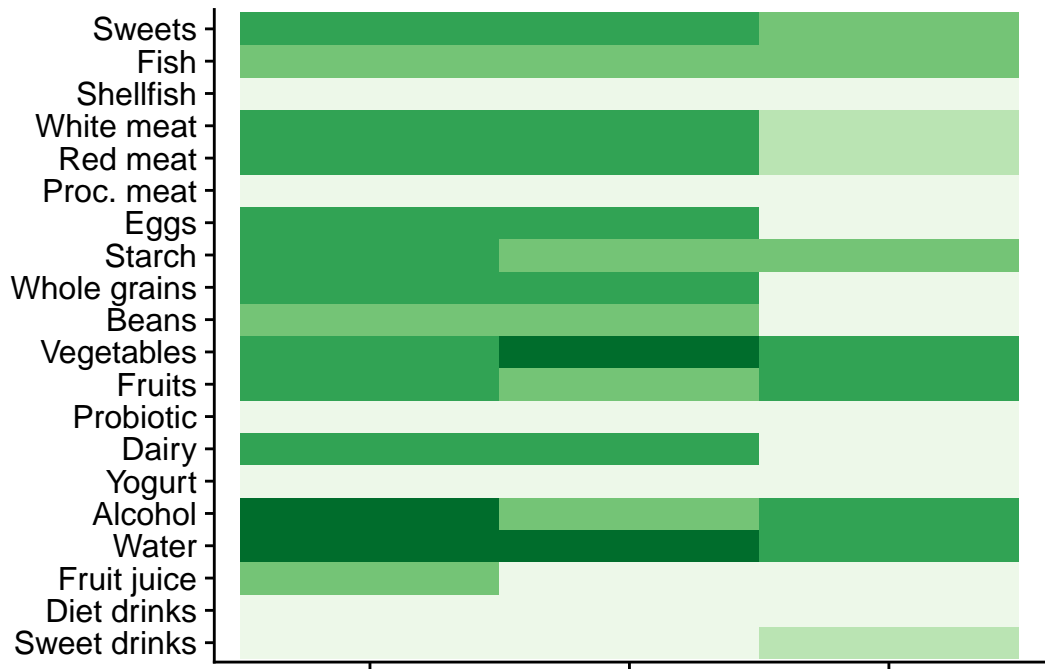
C3031: NA Female White Cedars–Sinai | CD



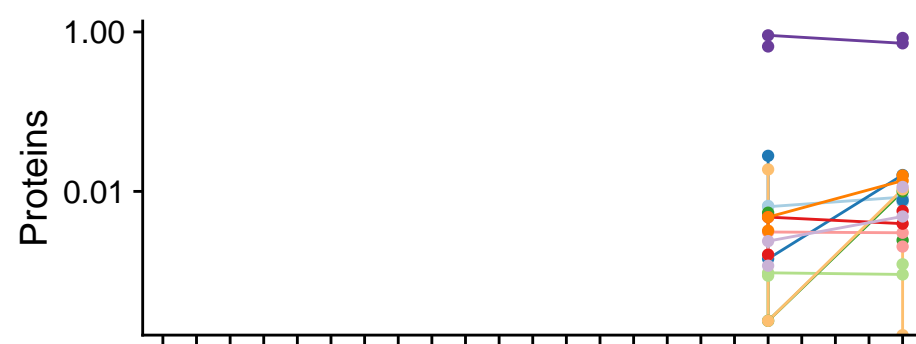
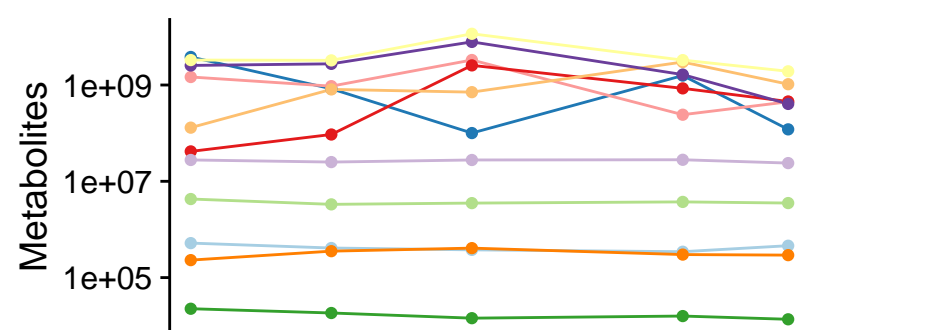
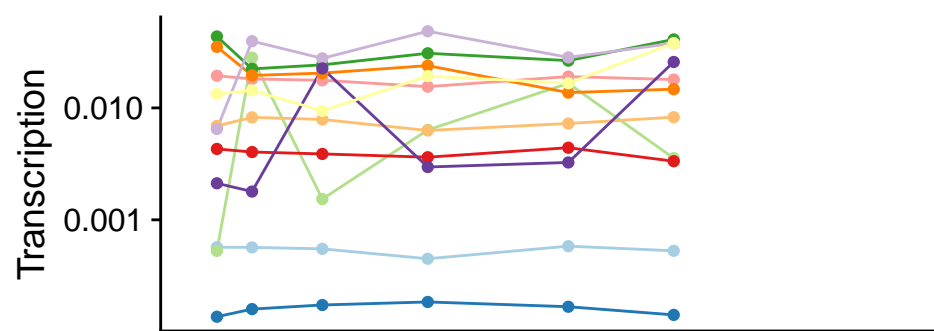
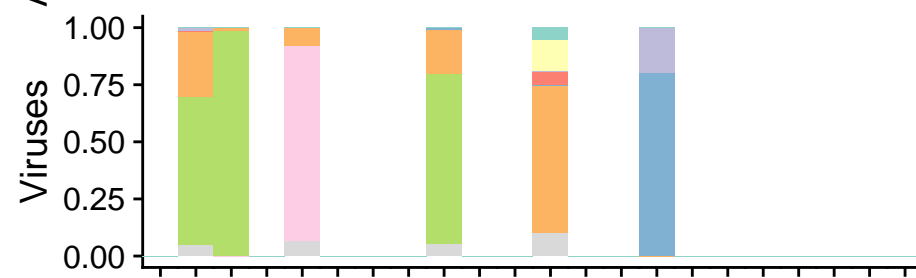
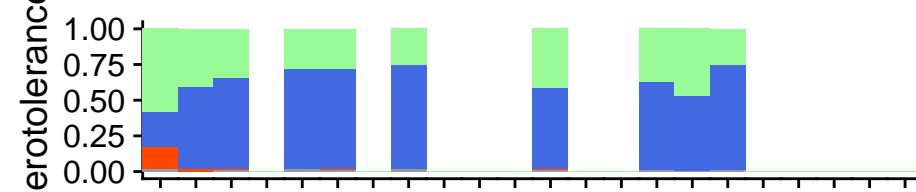
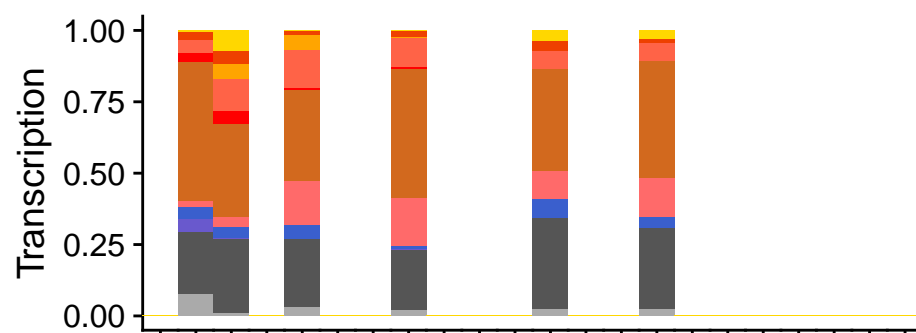
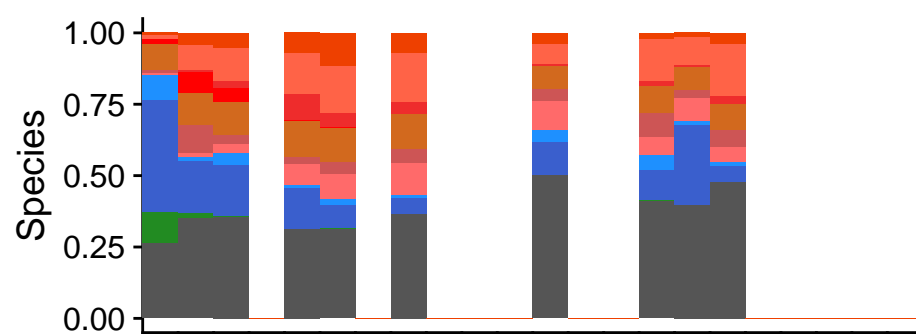
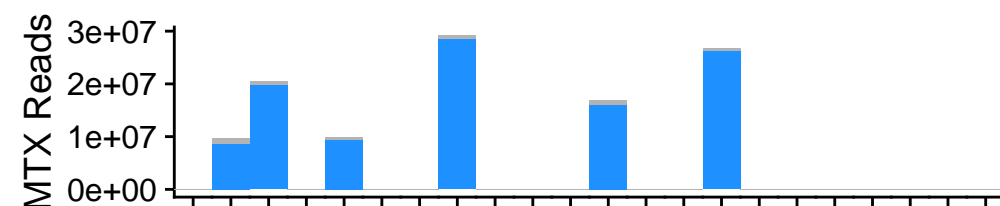
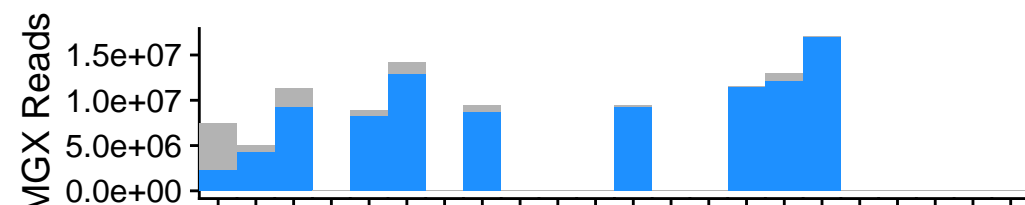
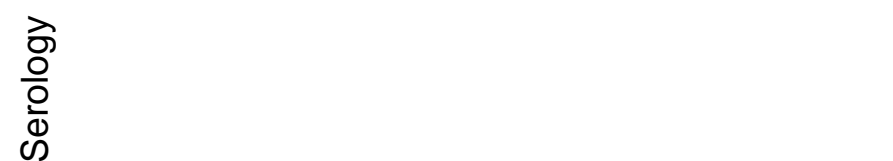
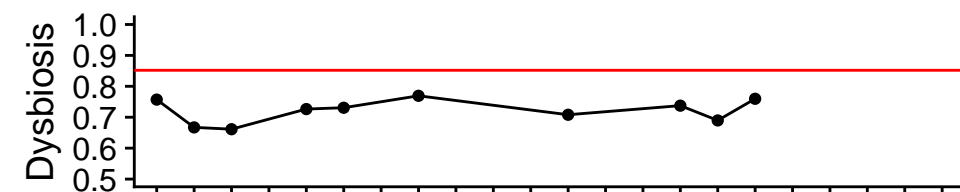
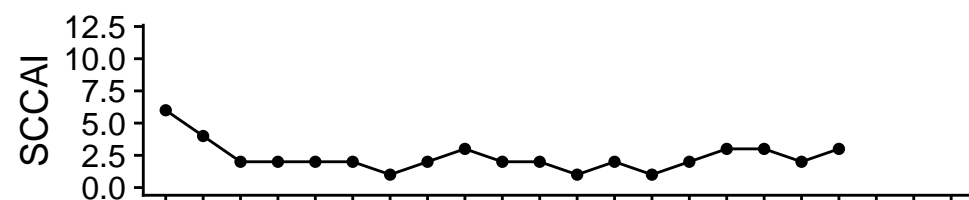
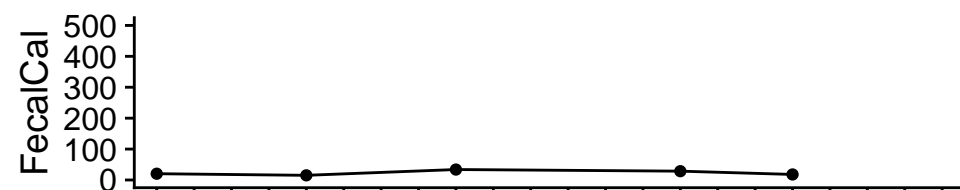
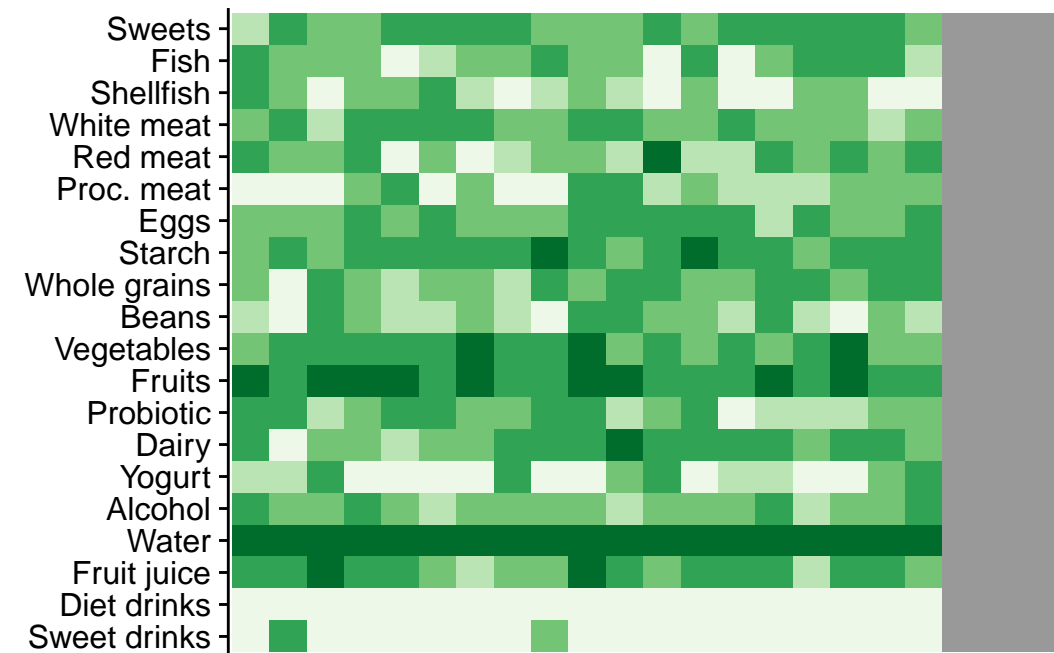
C3032: 42 Female White Cedars–Sinai | UC



C3033: 40 Female White Cedars–Sinai | CD

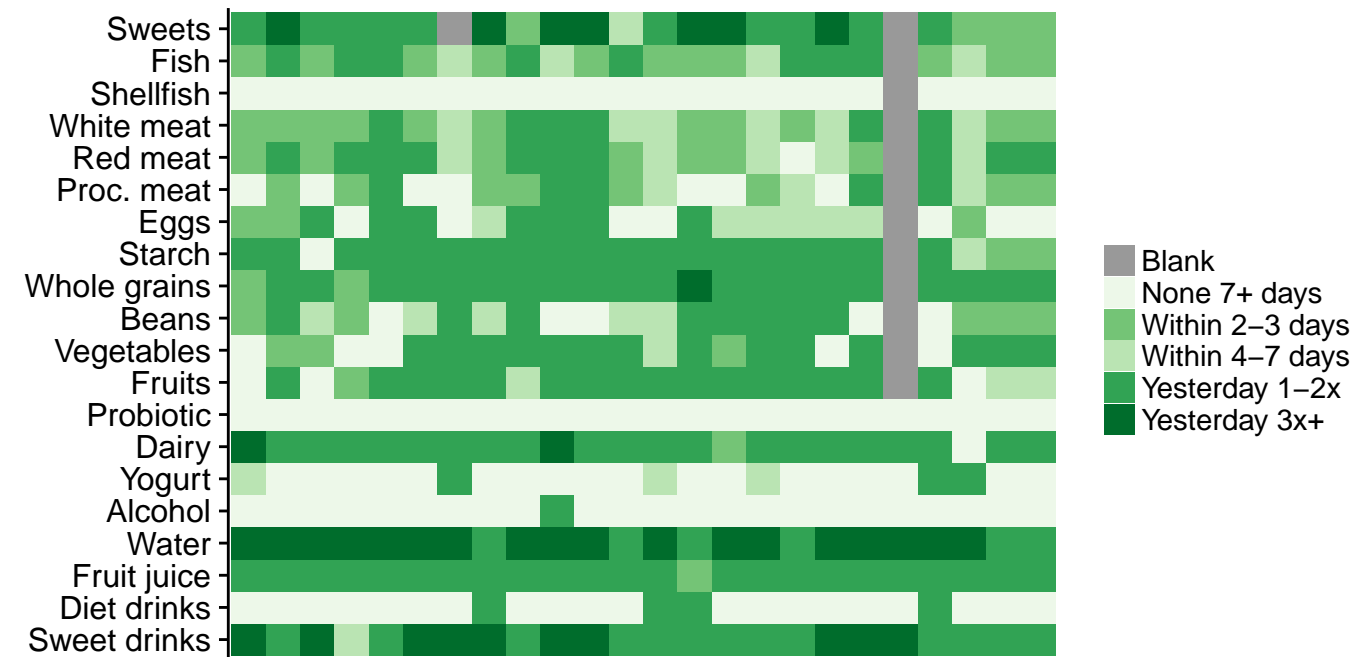


C3034: 36 Female White Cedars–Sinai | UC

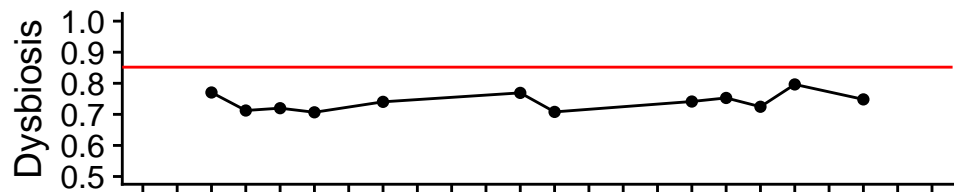
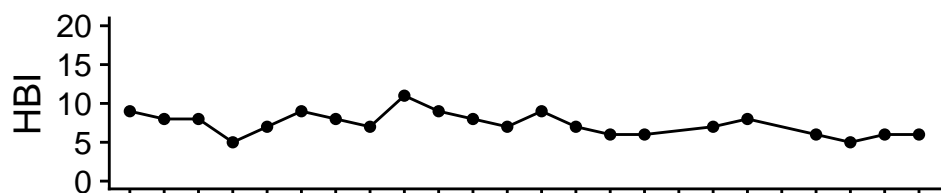


- Bacteroides caccae
- Bacteroides ovatus
- Bacteroides thetaiotaomicron
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides merdae
- Parabacteroides distasonis
- Eubacterium eligens
- Faecalibacterium prausnitzii
- Haemophilus parainfluenzae
- other
- Alistipes onderdonkii
- Bacteroides caccae
- Bacteroides dorei
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides distasonis
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- other
- unclassified
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- Lactococcus phage bIL67
- Salmonella phage IME207
- unclassified Siphoviridae
- Bell pepper mottle virus
- Cucumber green mottle mosaic virus
- Pepper mild mottle virus
- Tomato mosaic virus
- Tomato mottle mosaic virus
- other
- K00560: thymidylate synthase [EC:2.1.1.45]
- K00768: nicotinate–nucleotide—dimethylben...
- K01057: 6–phosphogluconolactonase [EC:3....
- K02078: acyl carrier protein
- K02358: elongation factor EF–Tu
- K02952: small subunit ribosomal protein S13
- K02965: small subunit ribosomal protein S19
- K02968: small subunit ribosomal protein S20
- K03088: RNA polymerase sigma–70 factor, E...
- K06199: CrcB protein
- K12343: 3–oxo–5–alpha–steroid 4–dehydrog...
- 1,2,4–trimethylbenzene
- C16:0 LPC_A
- C20:0 LPE
- caprate
- leucine
- methylimidazole acetic acid
- N–acetylhistamine
- NH4_C51:0 TAG
- palmitate
- phenylalanine
- valine
- K00134: glyceraldehyde 3–phosphate dehydr...
- K00262: glutamate dehydrogenase (NADP+) ...
- K00831: phosphoserine aminotransferase [E...
- K01006: pyruvate, orthophosphate dikinase [...
- K01804: L–arabinose isomerase [EC:5.3.1.4]
- K02027: multiple sugar transport system sub...
- K02358: elongation factor EF–Tu
- K10117: raffinose/stachyose/melibiose transp...
- K10540: methyl–galactoside transport syste...
- UNGROUPED

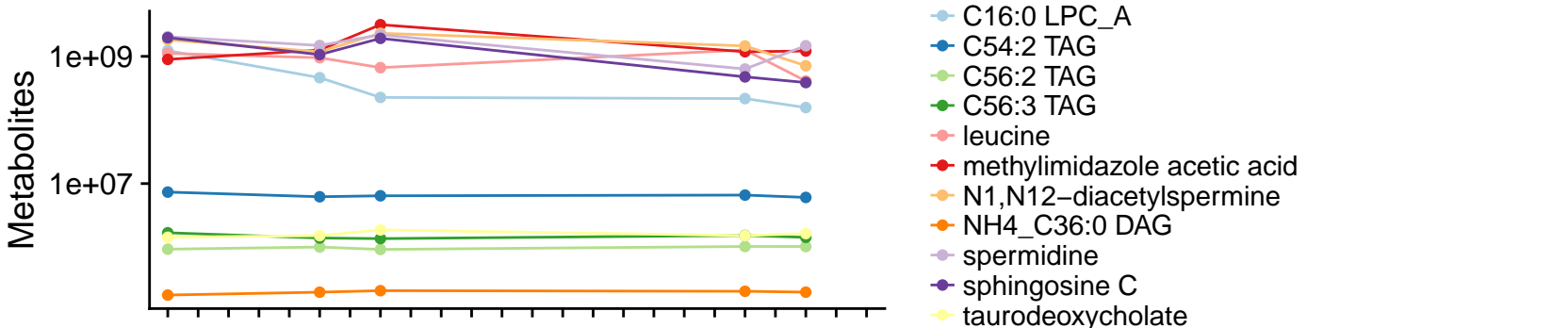
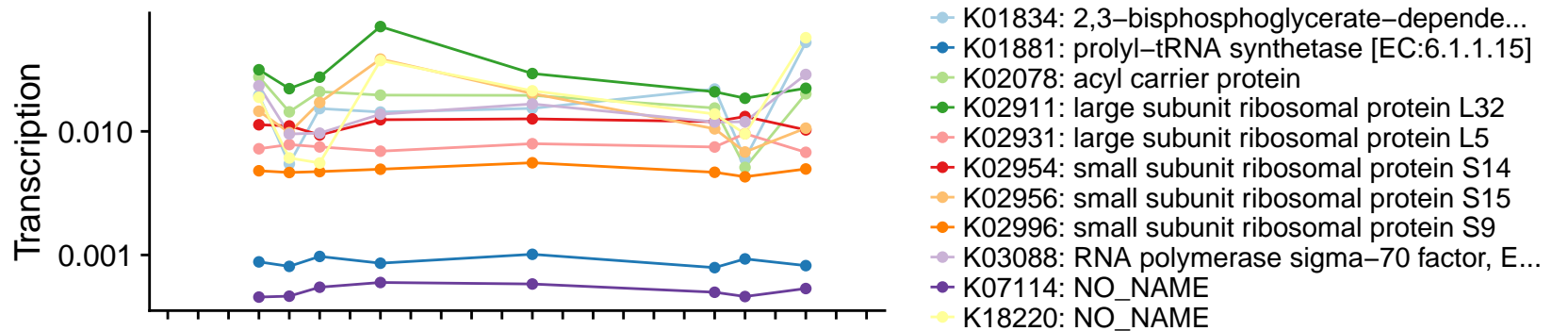
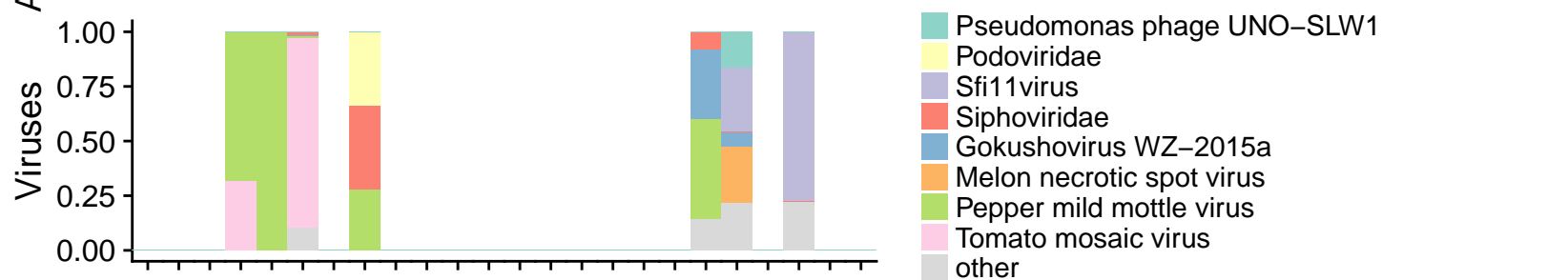
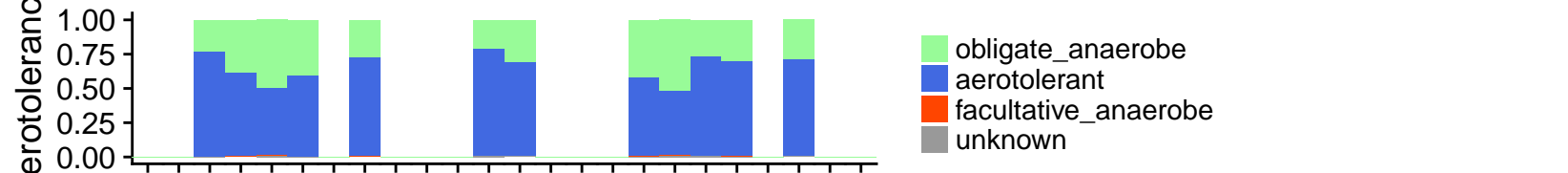
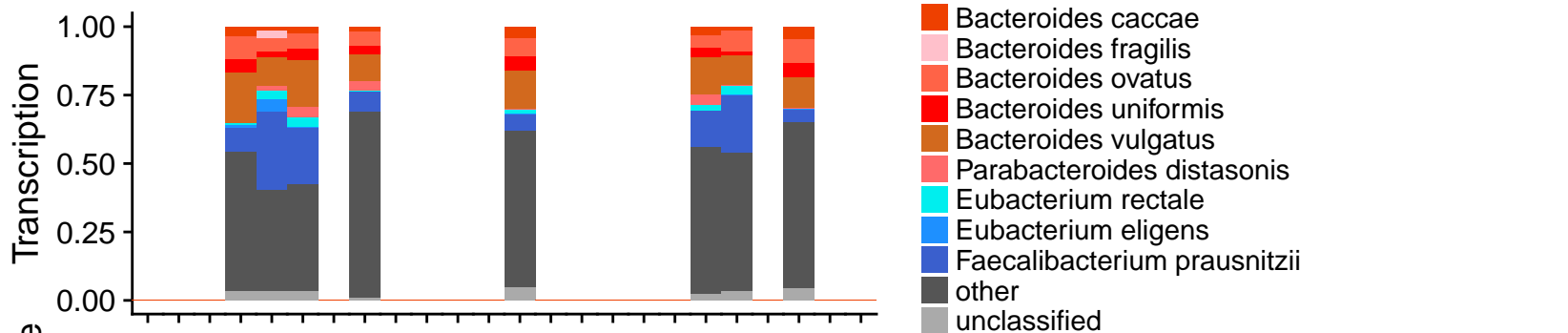
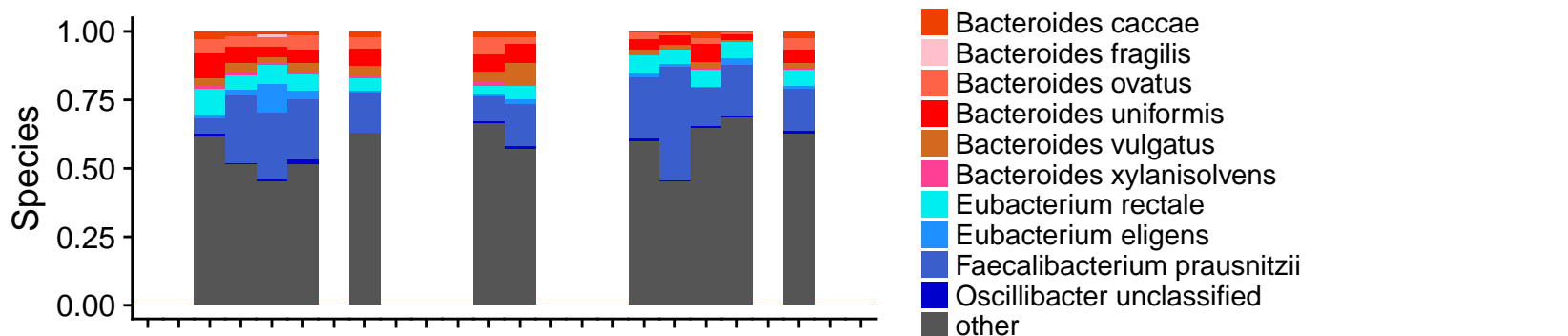
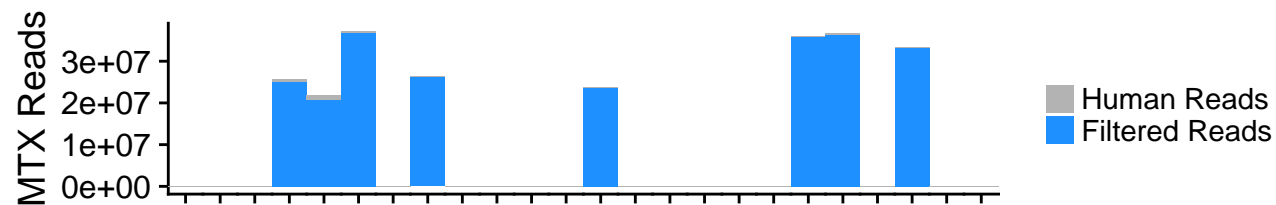
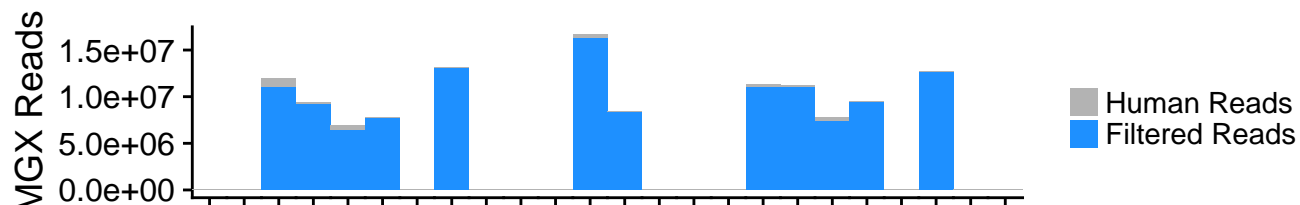
C3035: 62 Male White Cedars–Sinai | CD L3



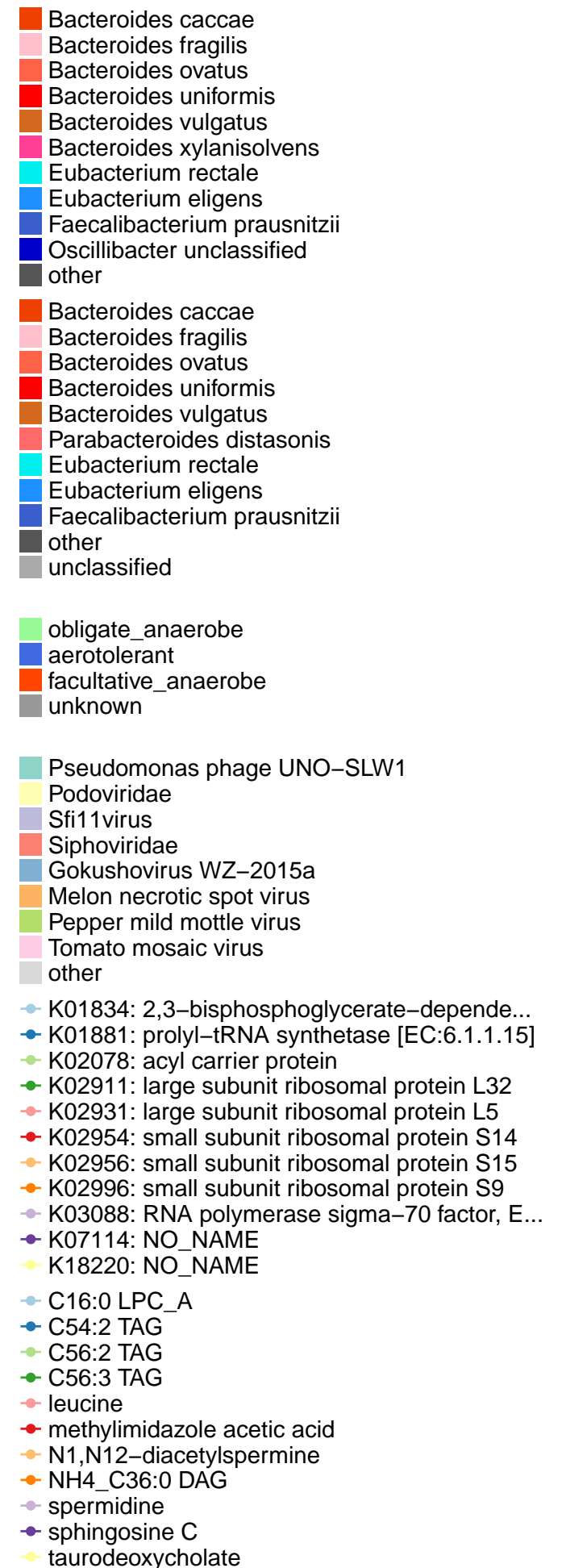
FecalCal



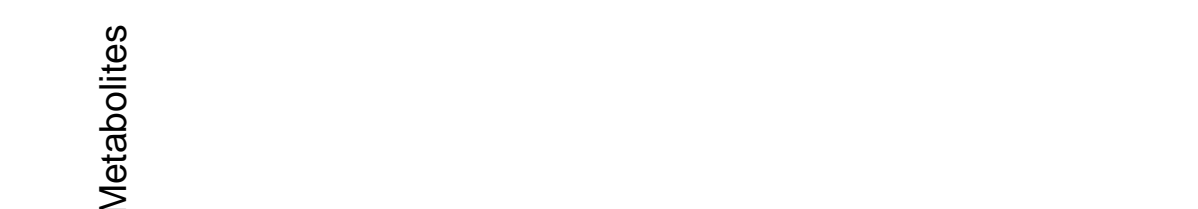
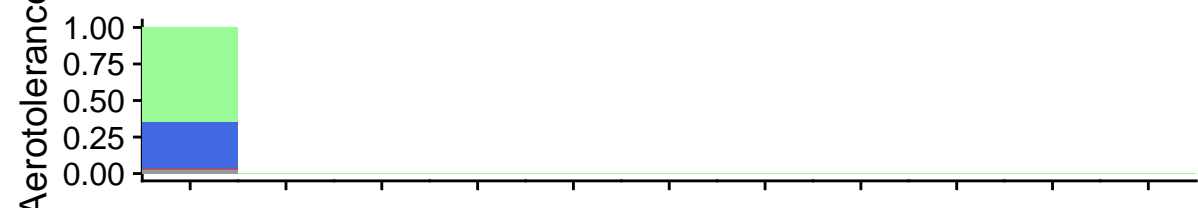
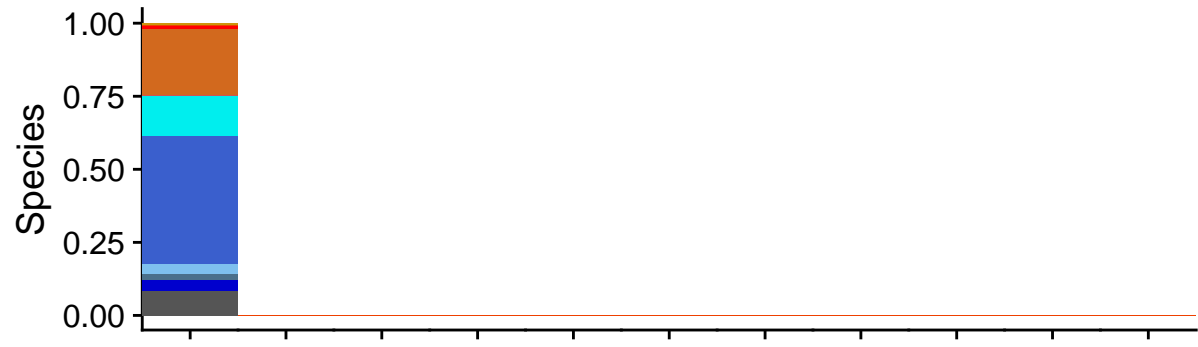
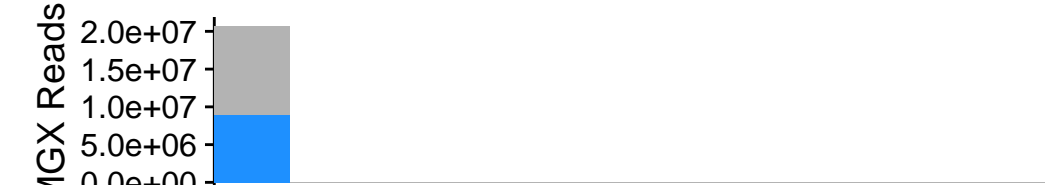
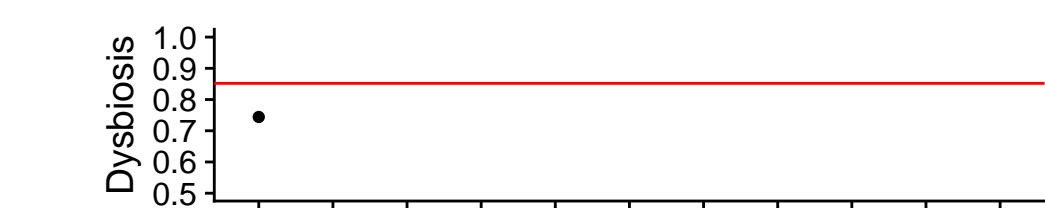
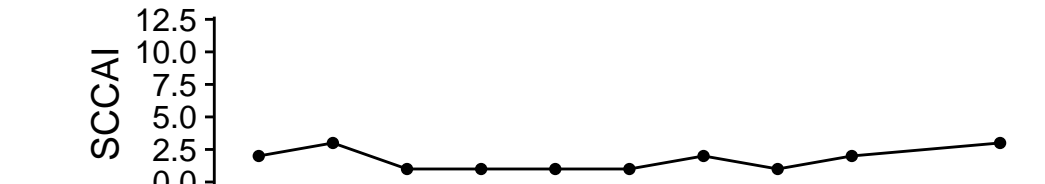
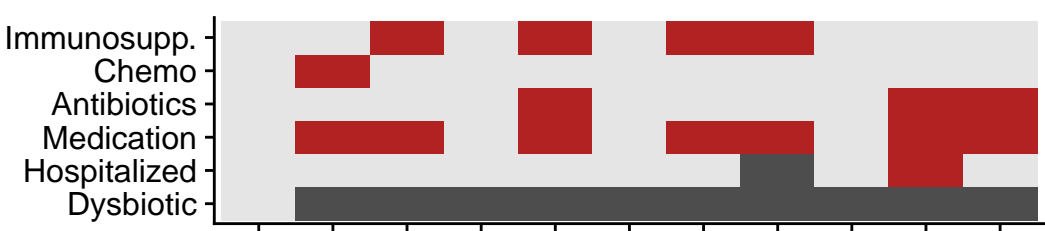
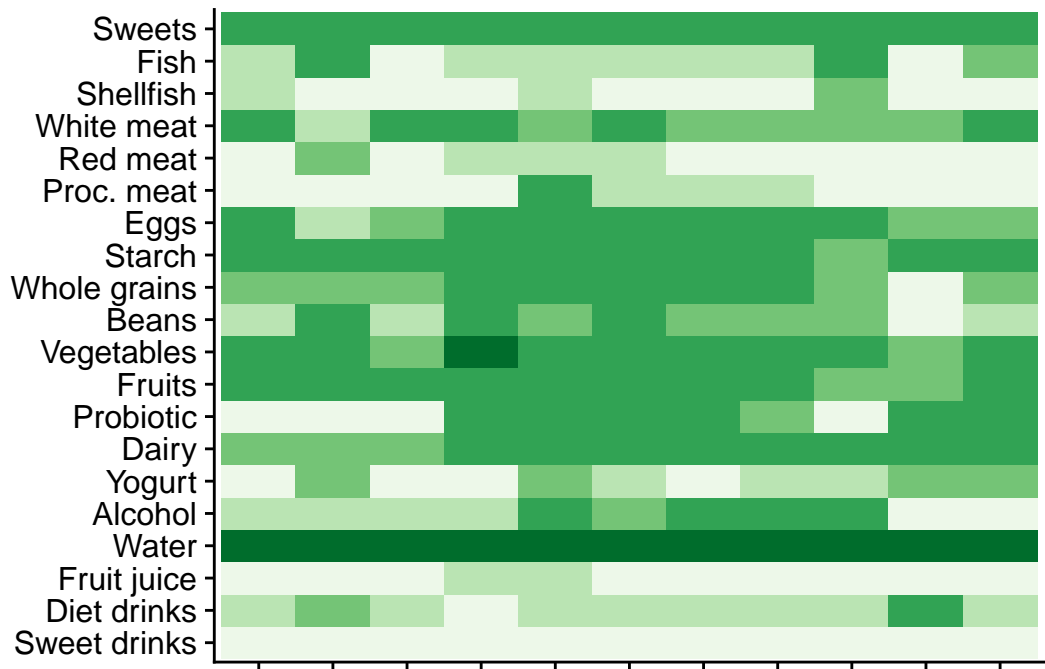
Serology



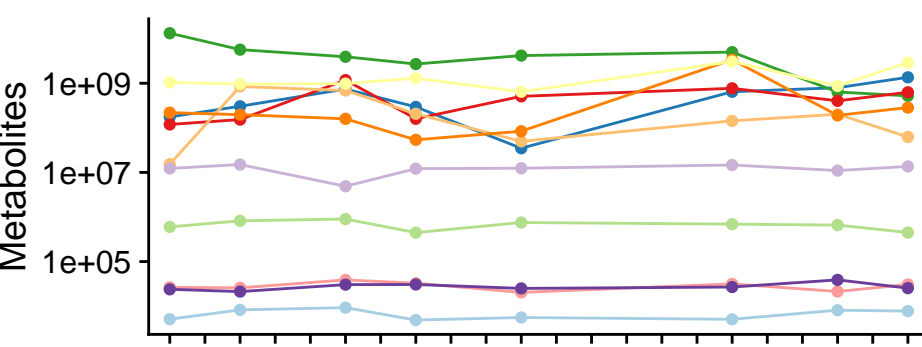
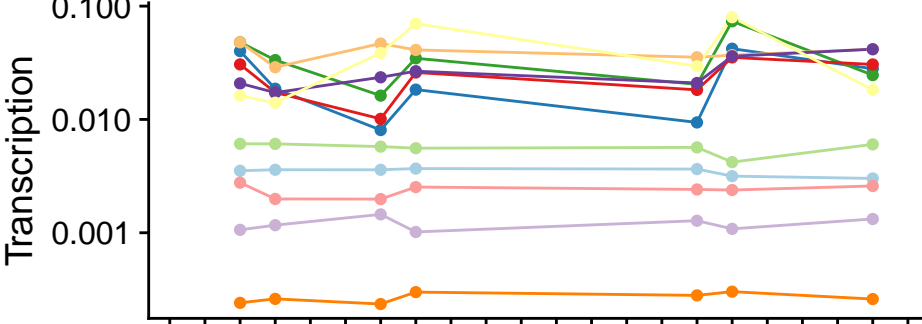
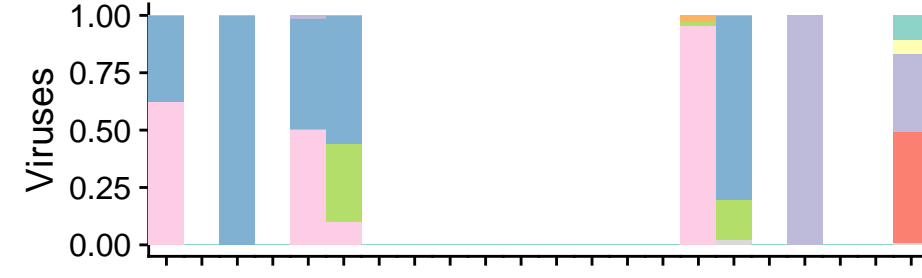
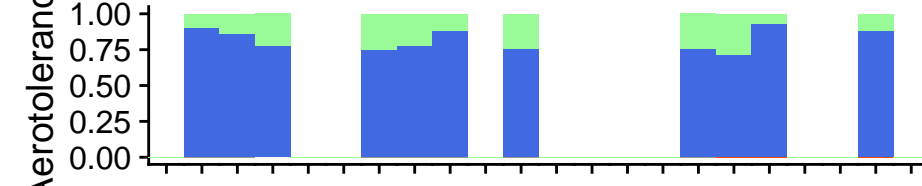
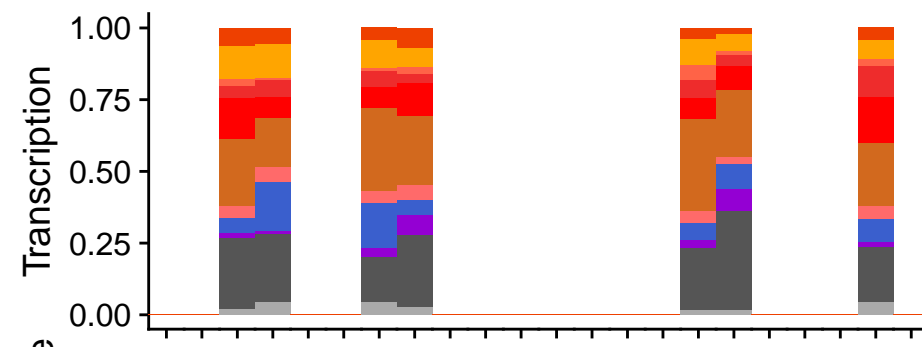
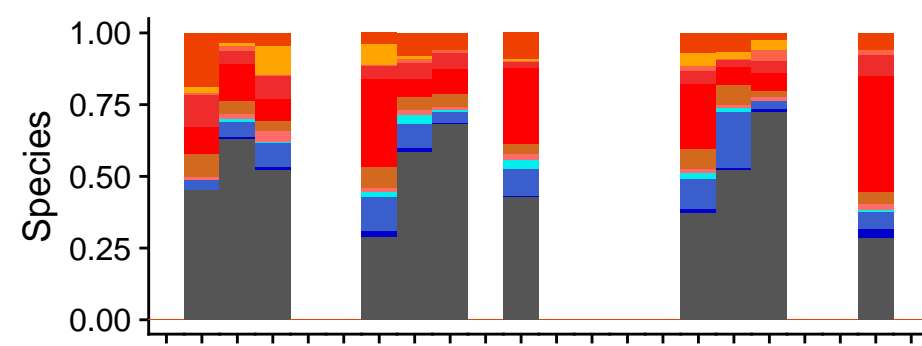
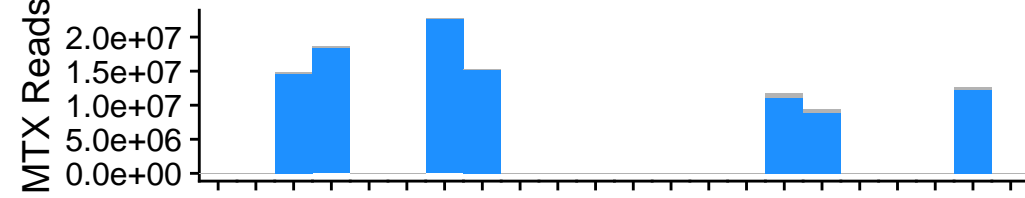
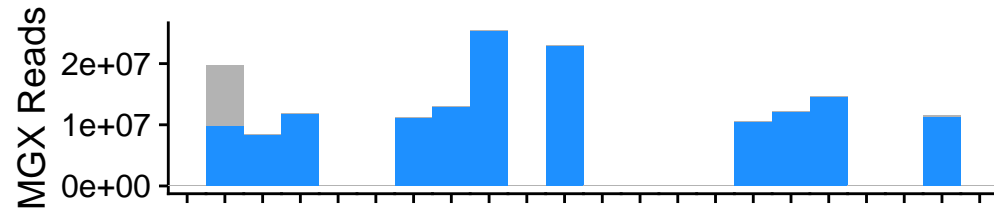
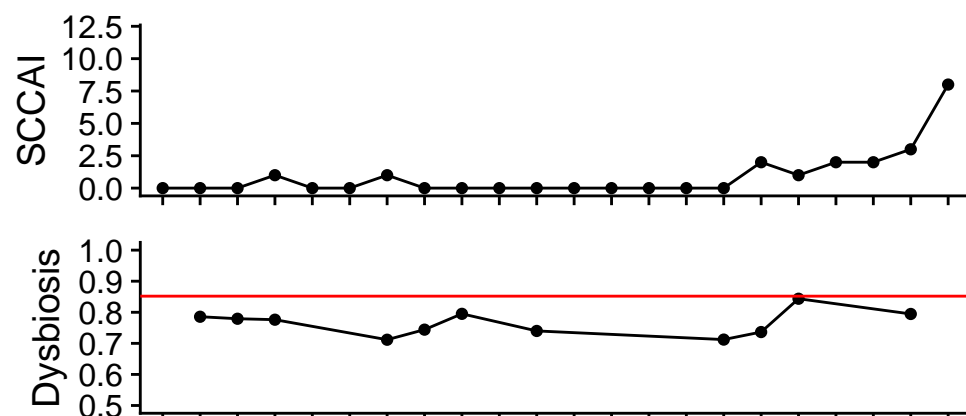
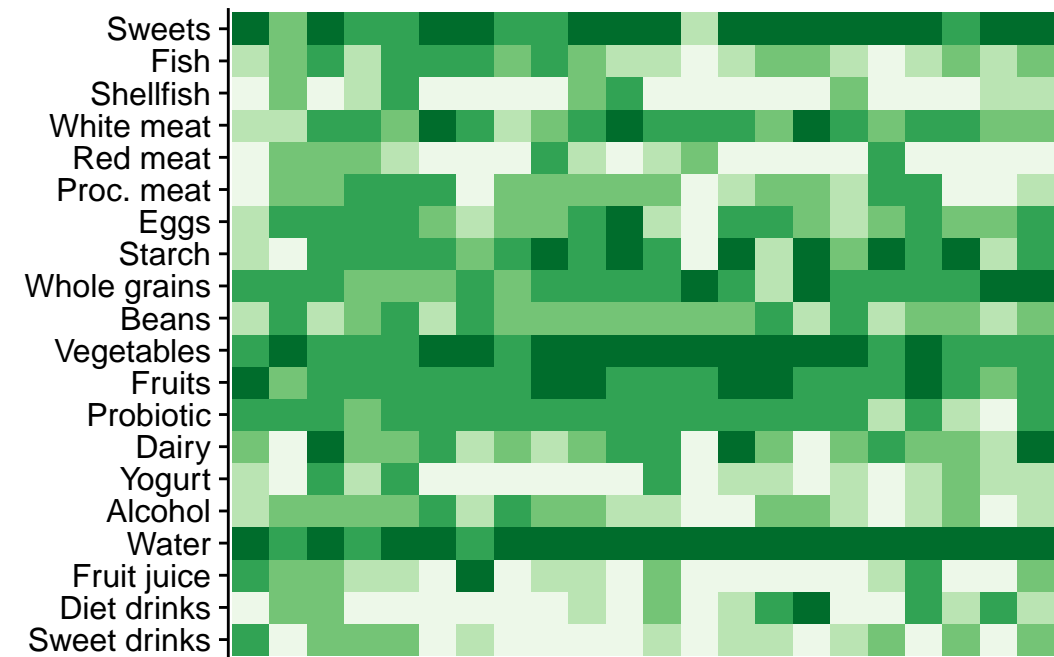
Proteins



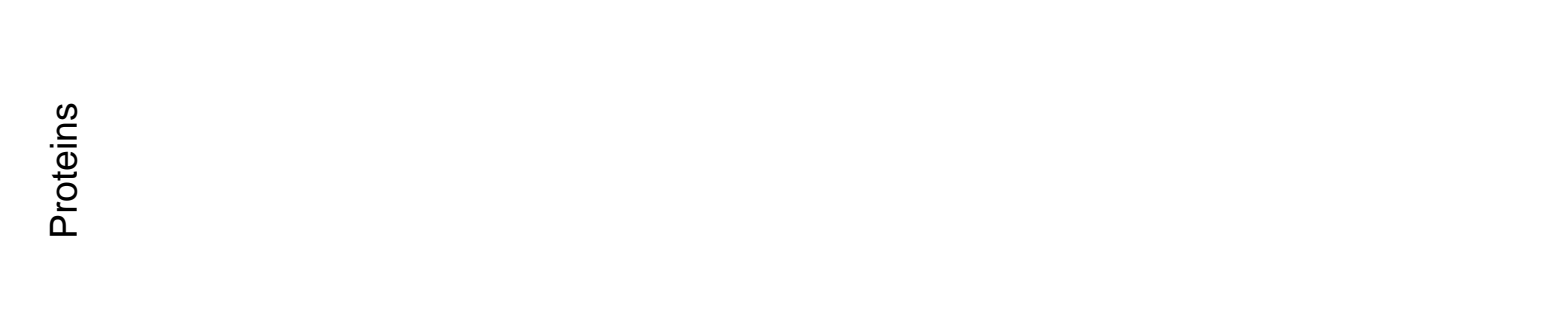
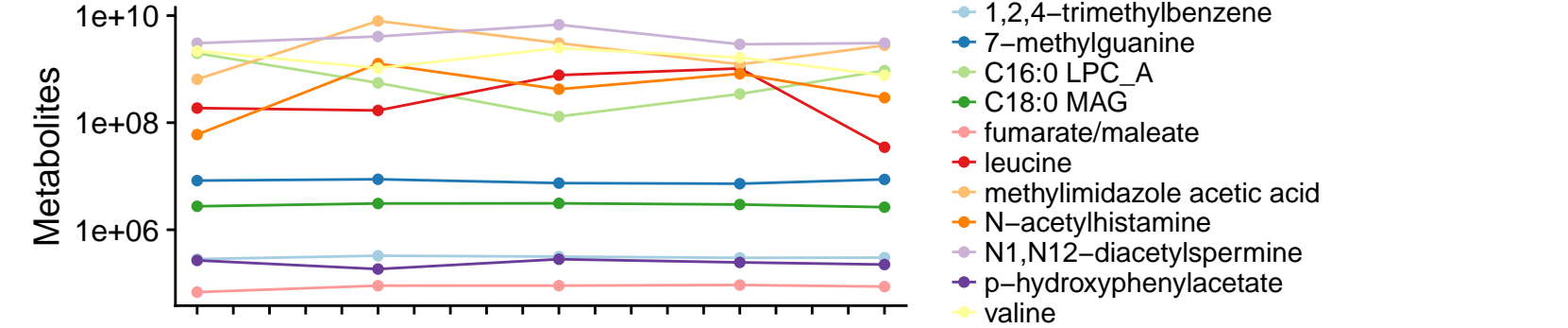
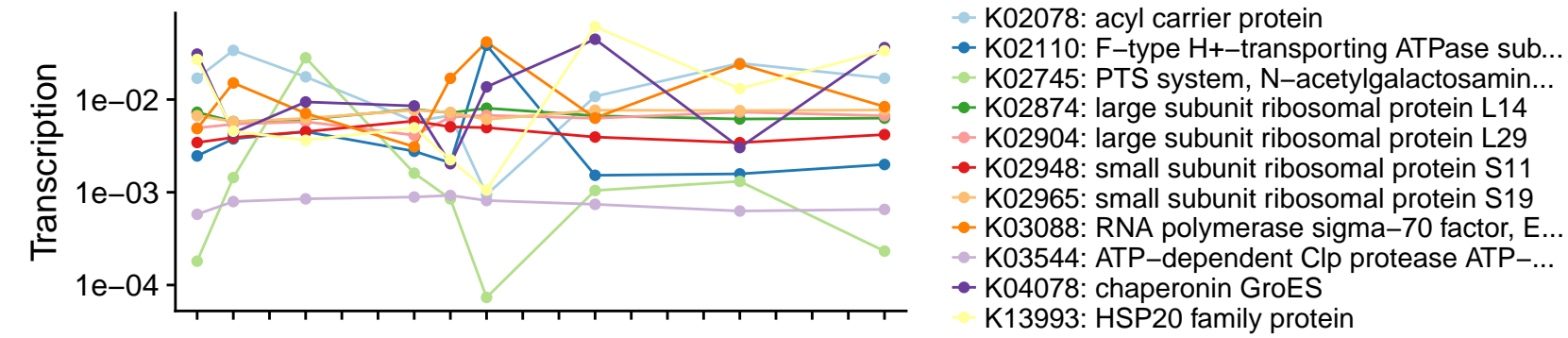
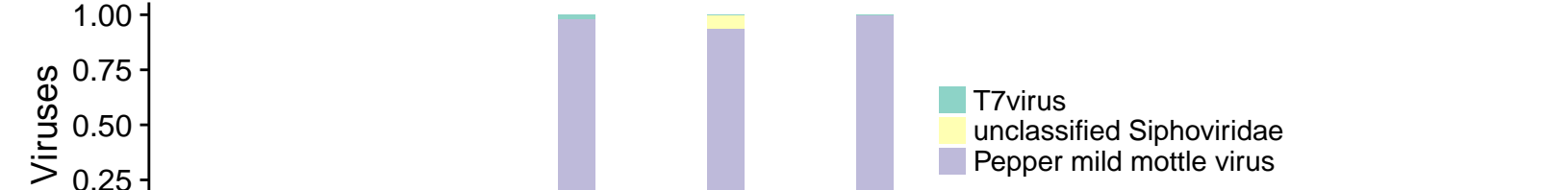
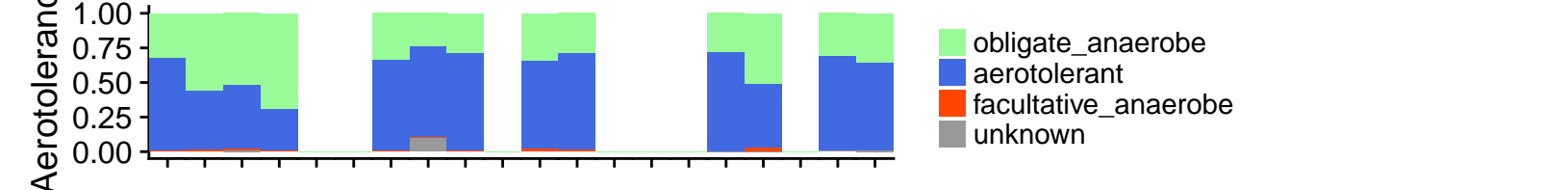
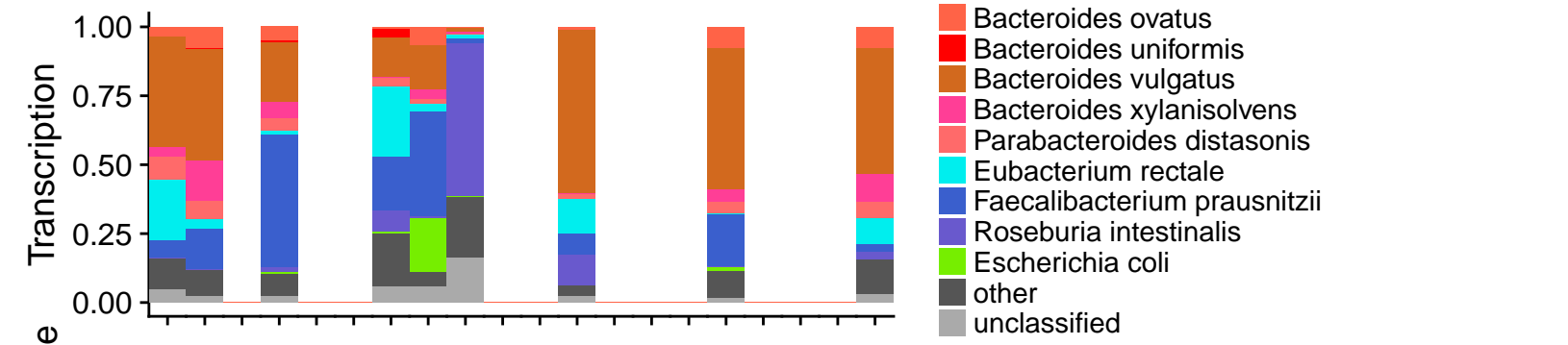
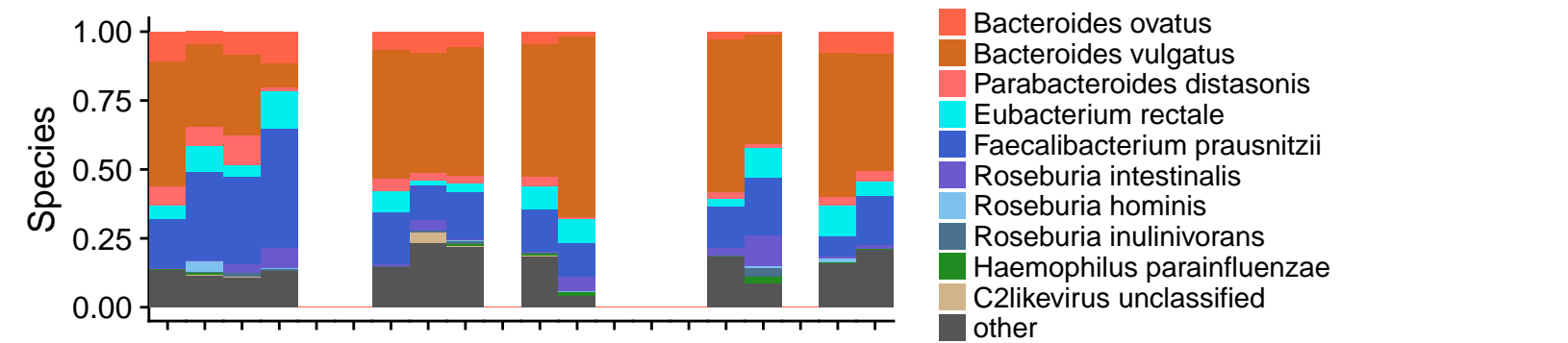
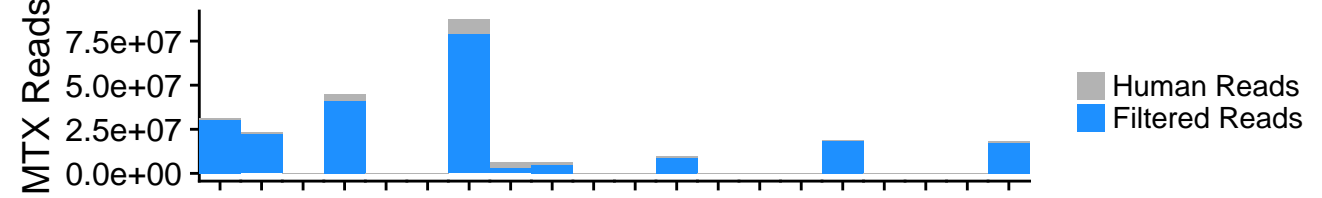
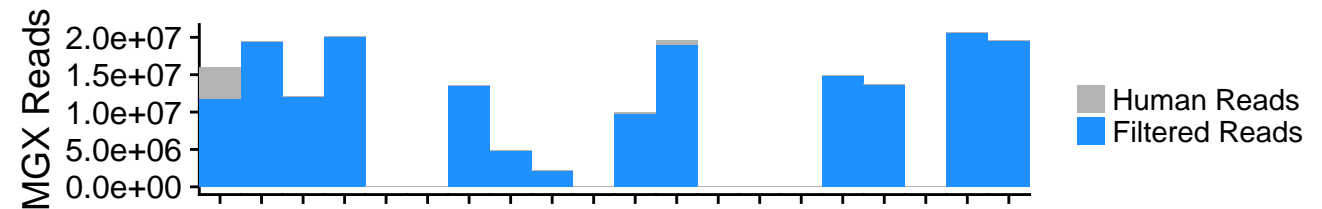
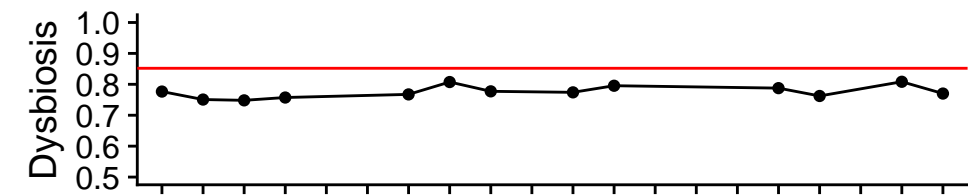
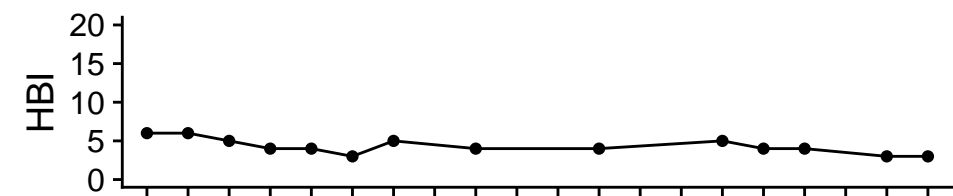
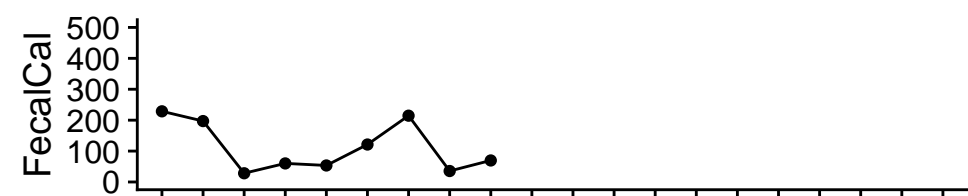
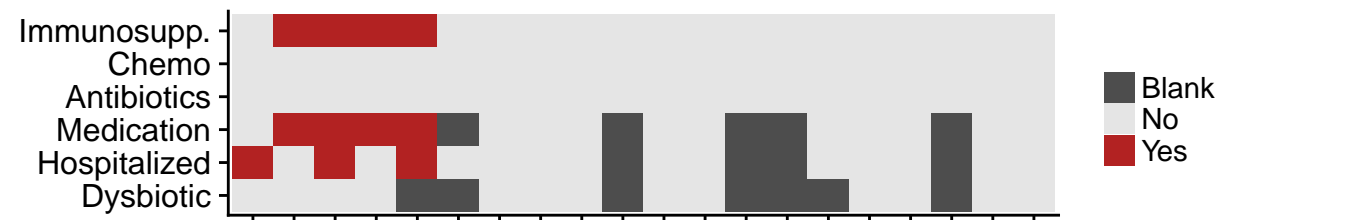
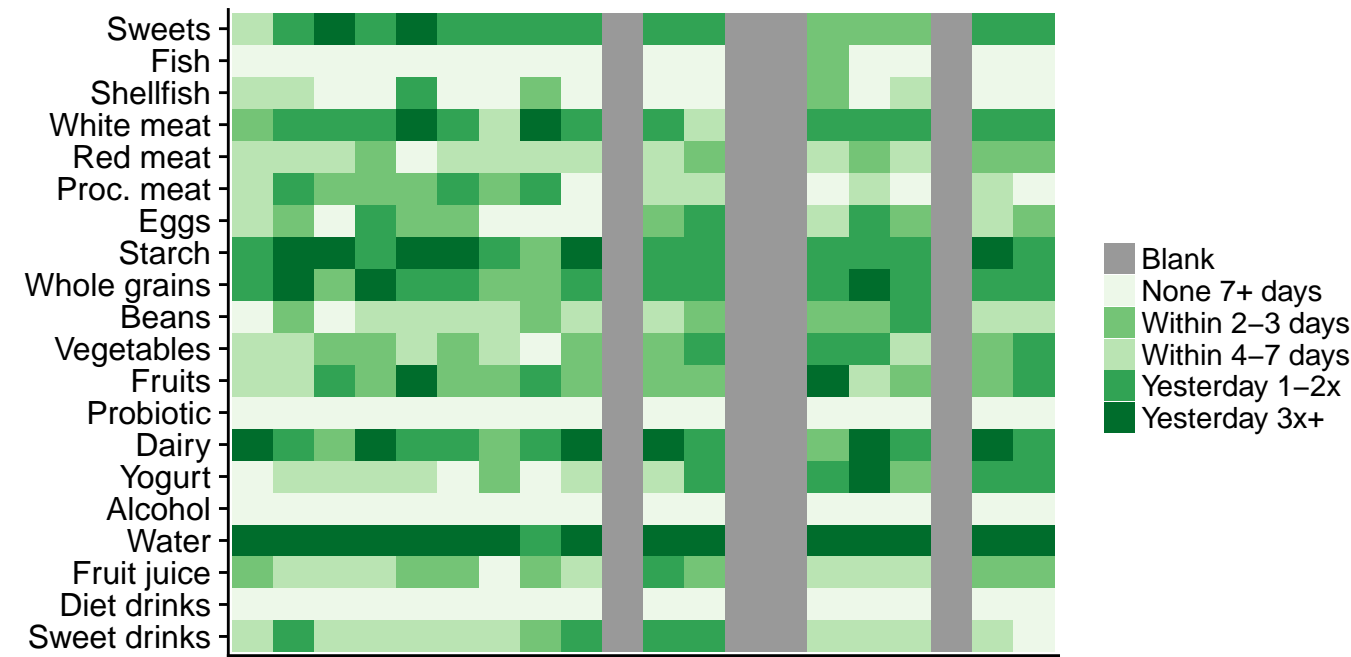
C3036: 26 Female White Cedars–Sinai | UC



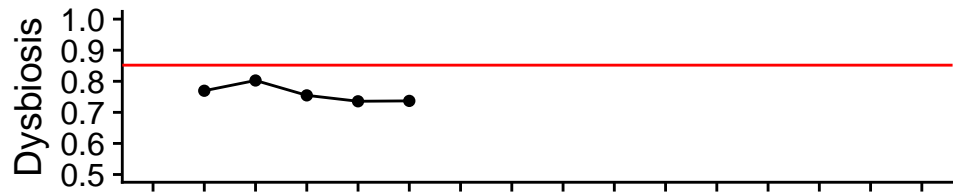
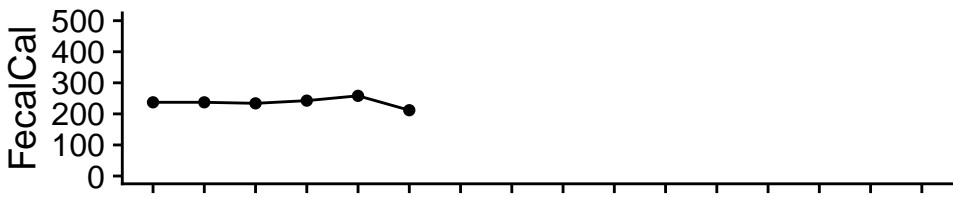
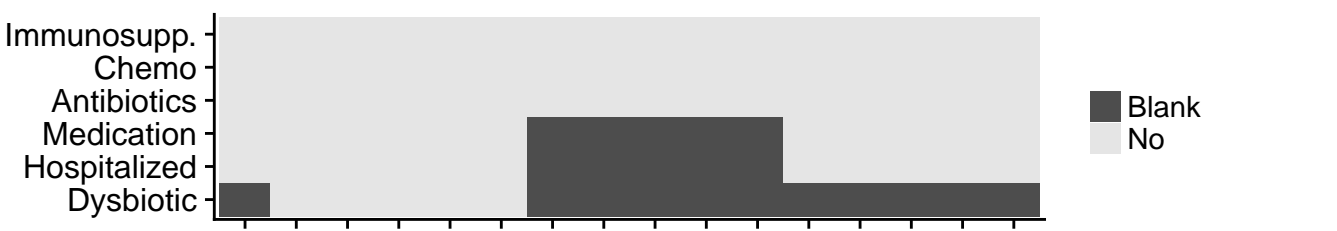
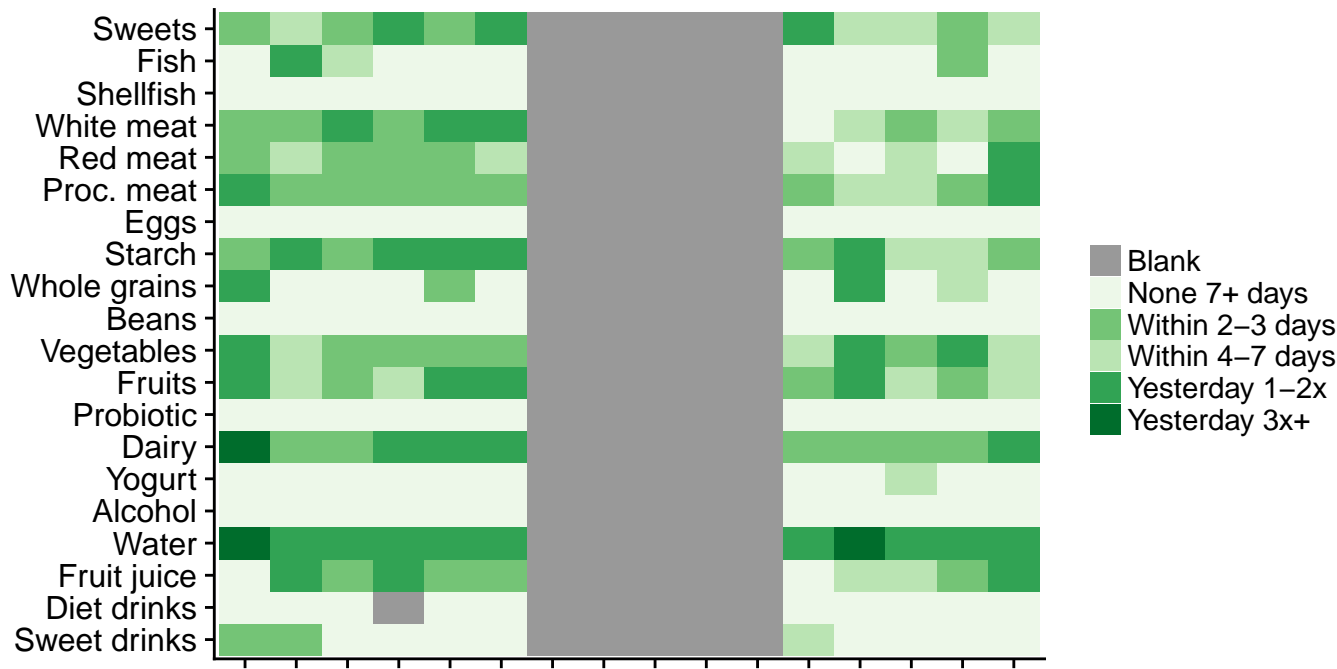
C3037: 46 Female White Cedars–Sinai | UC



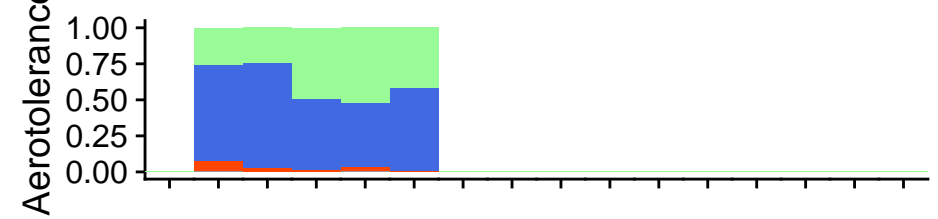
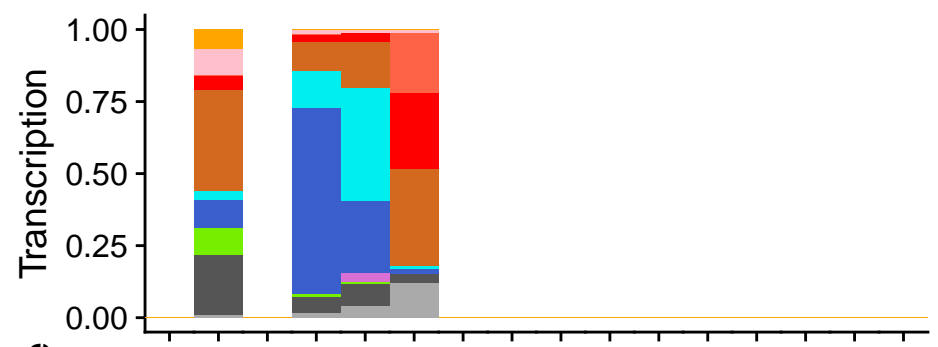
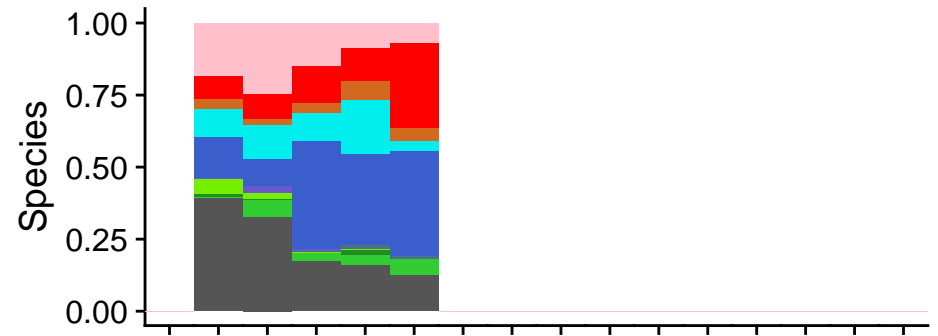
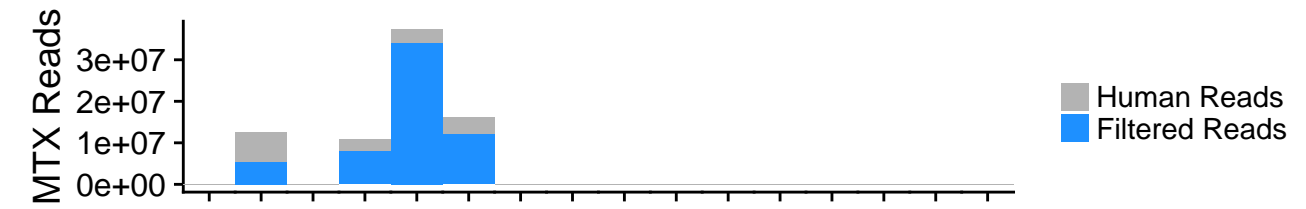
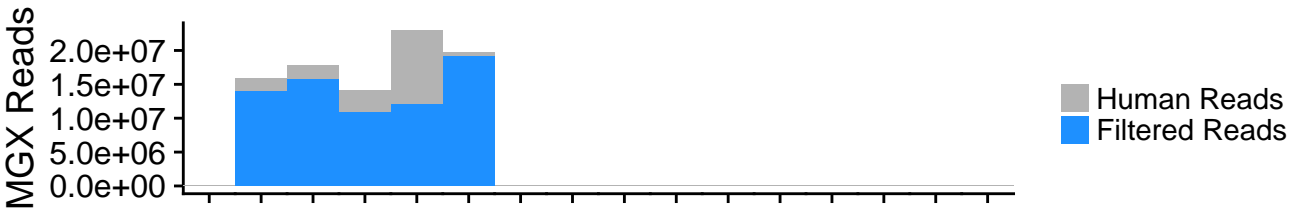
E5001: 8 Female More than one race Emory | CD L3+L4



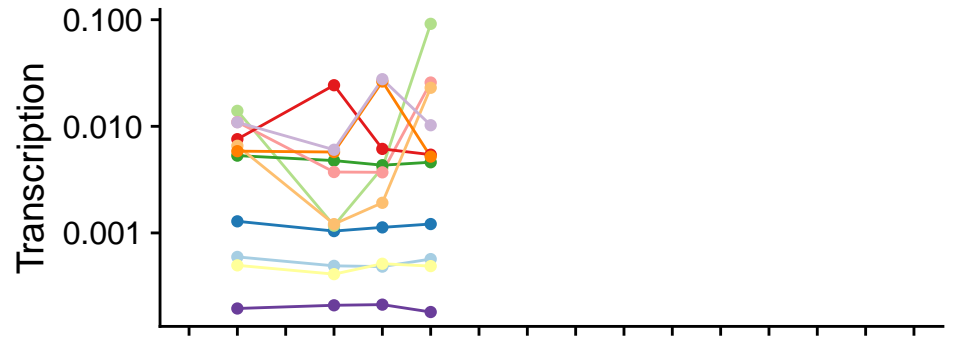
E5002: 15 Female Black or African American Emory | nonIBD



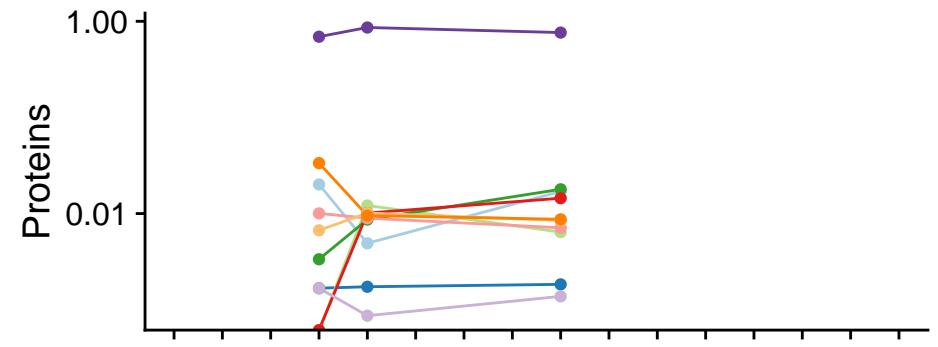
Serology



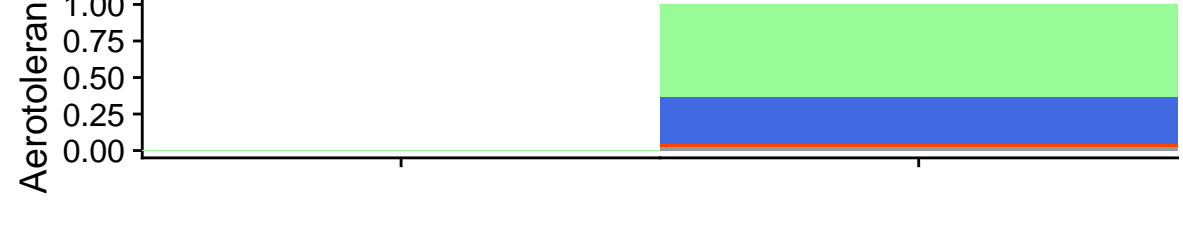
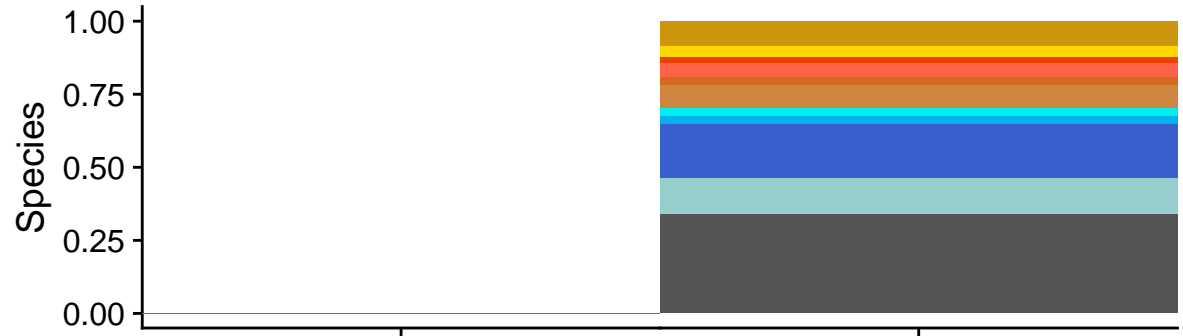
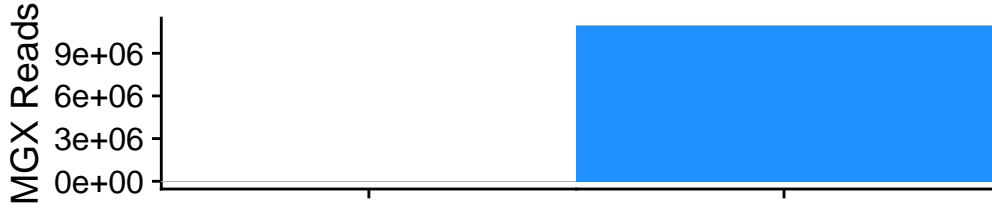
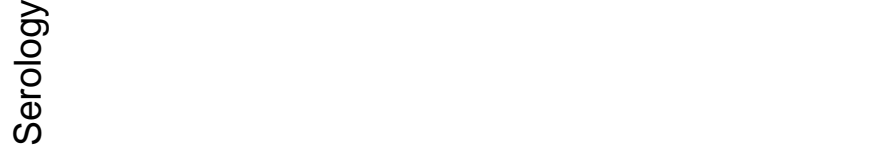
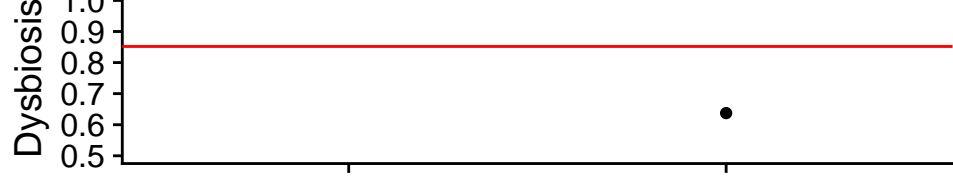
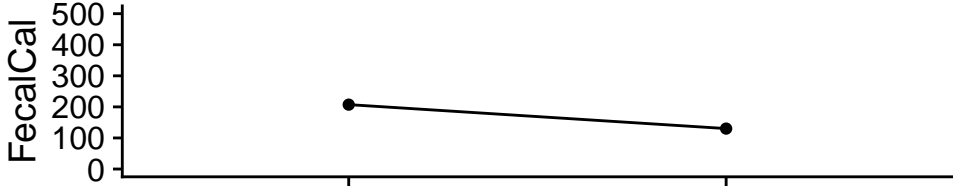
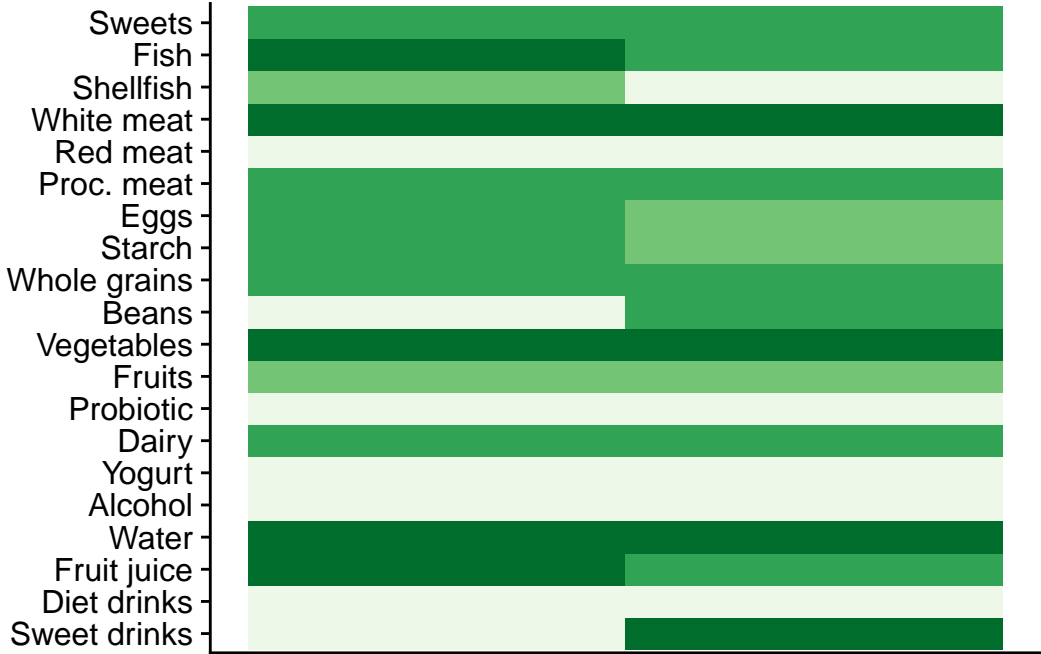
Viruses



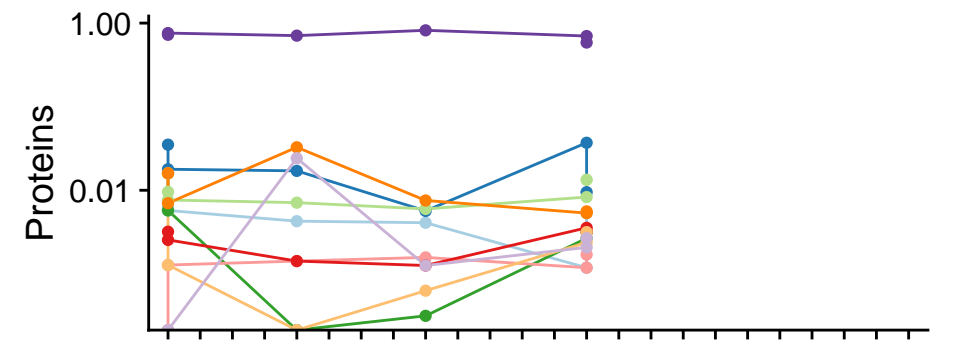
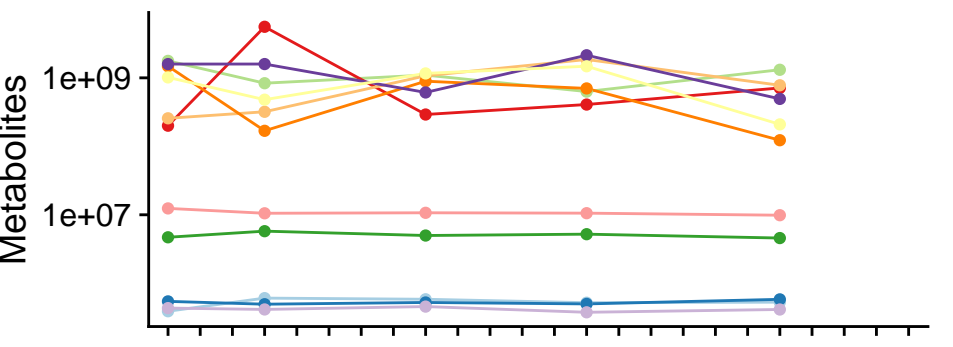
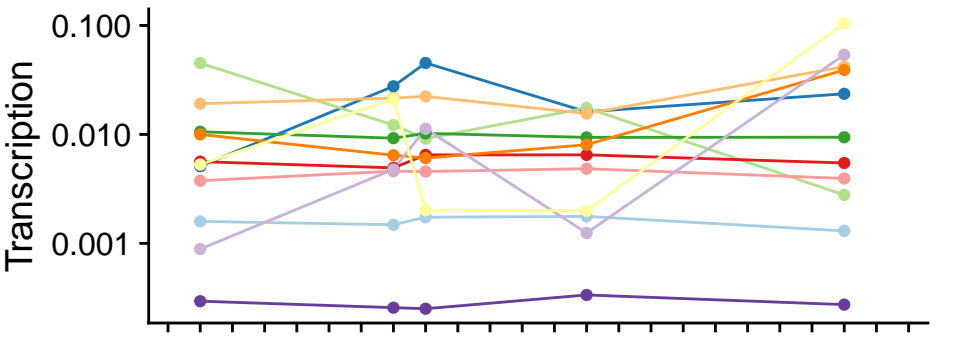
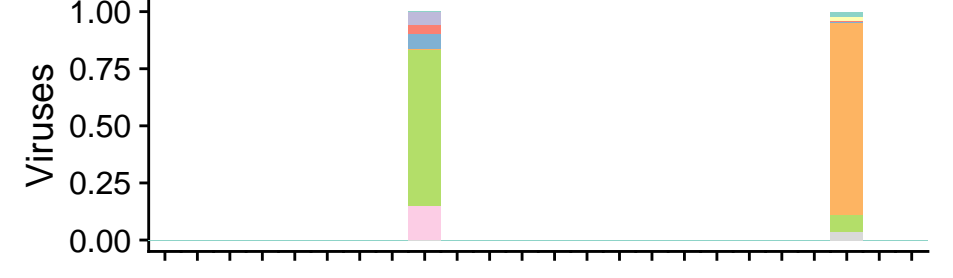
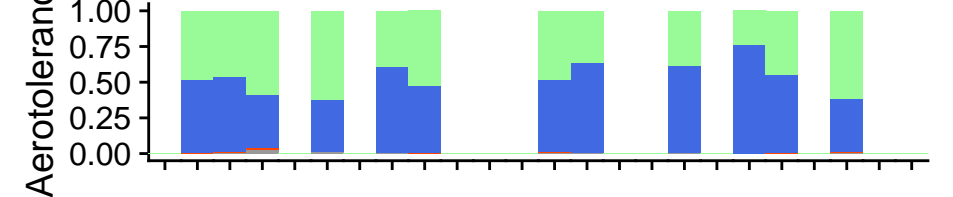
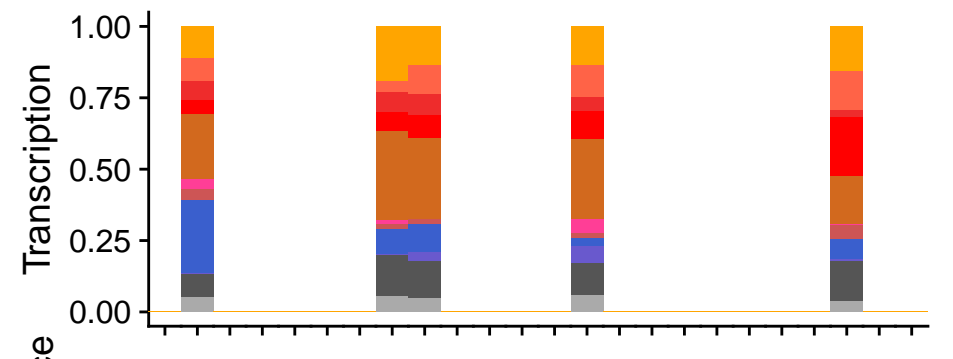
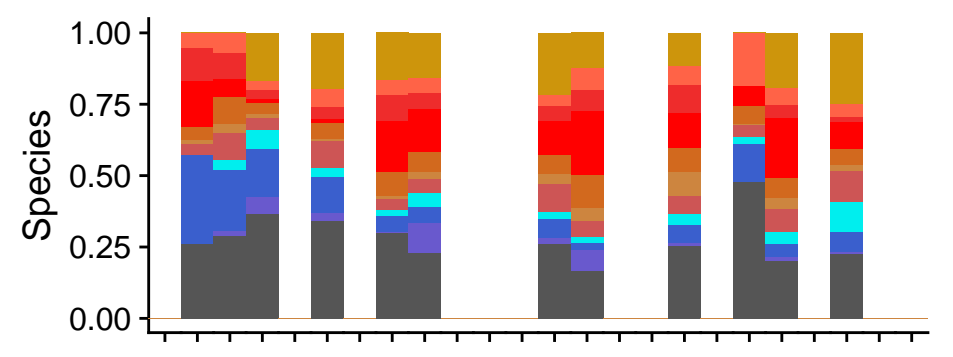
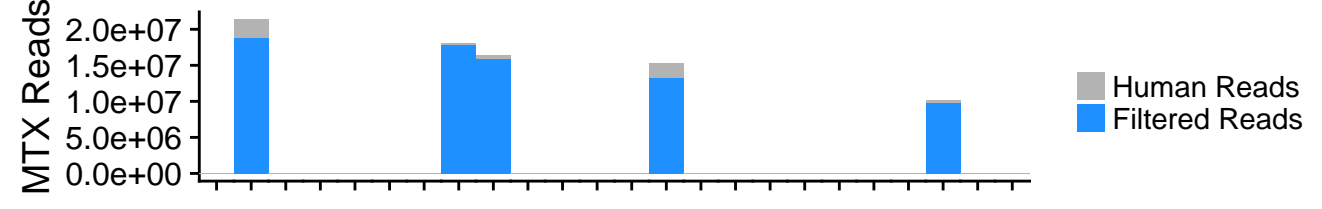
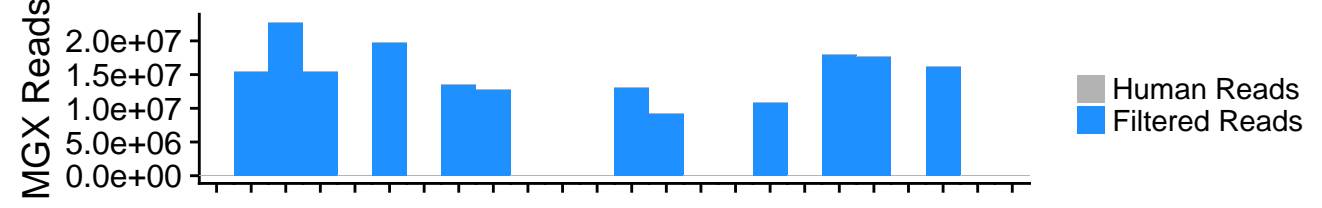
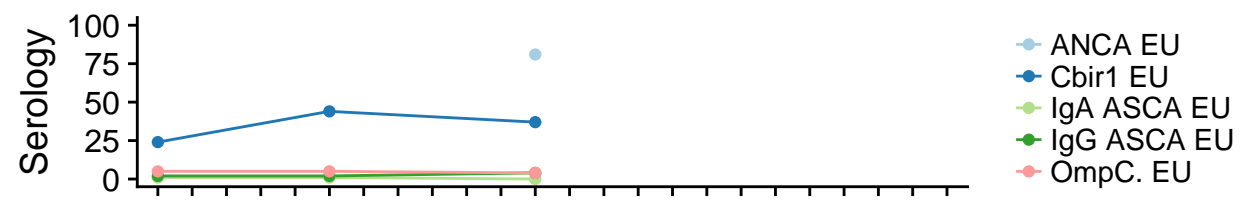
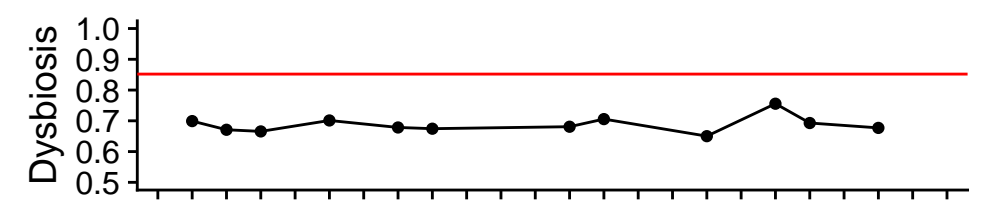
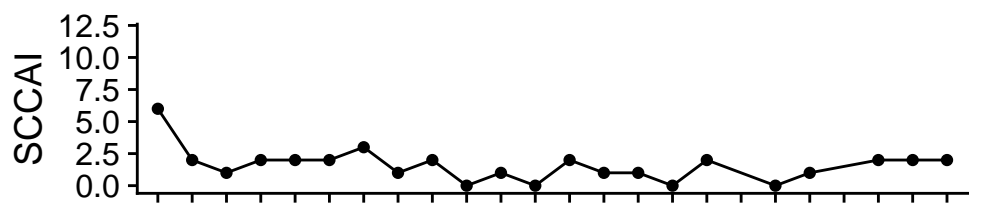
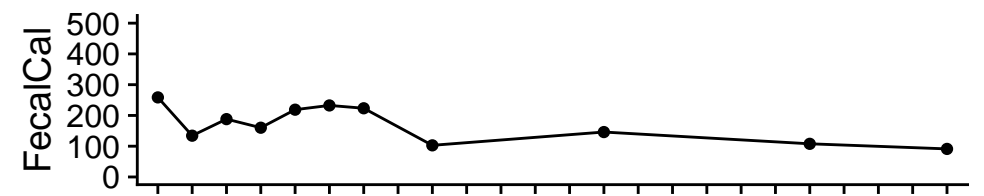
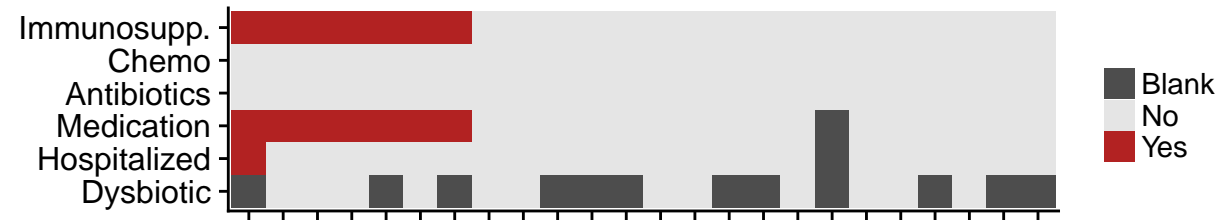
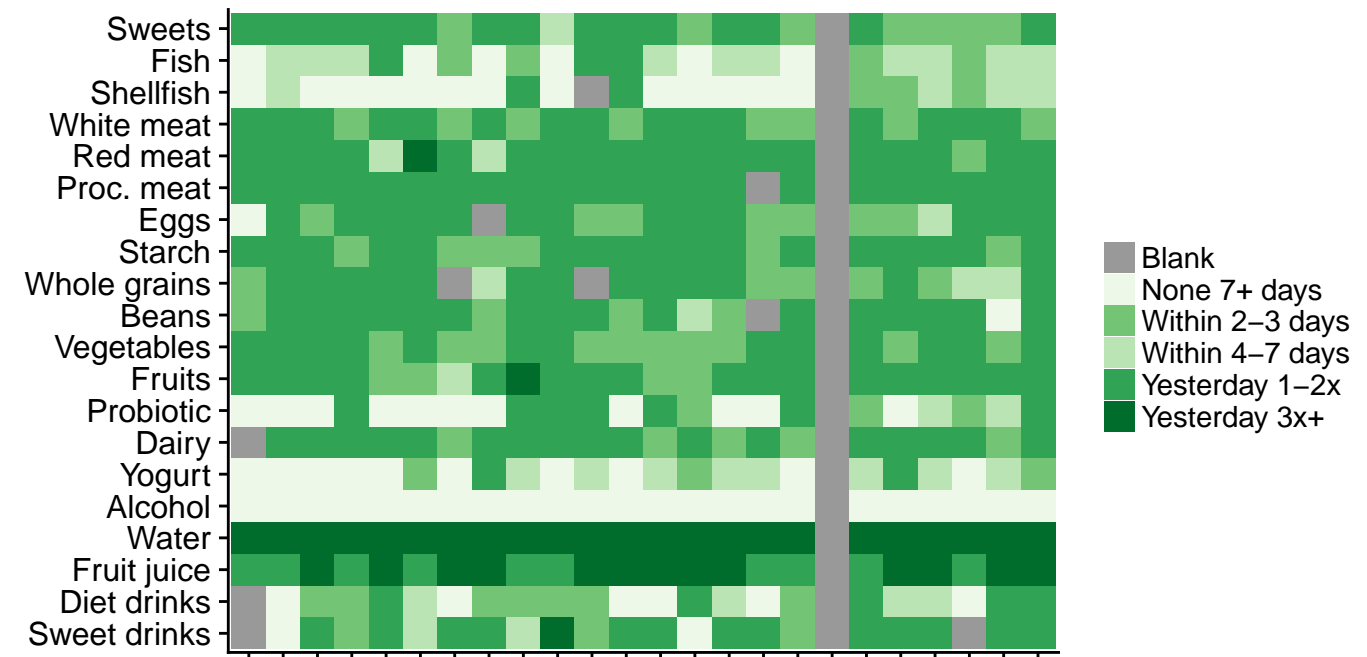
Metabolites



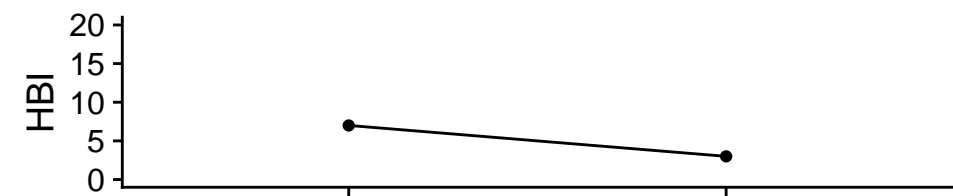
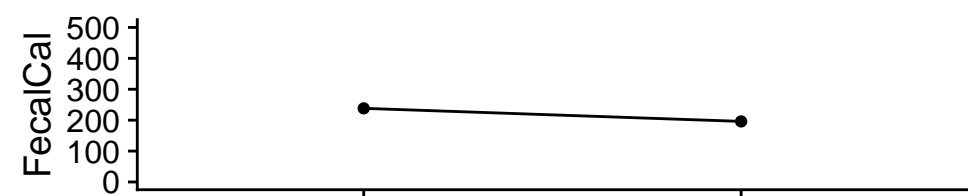
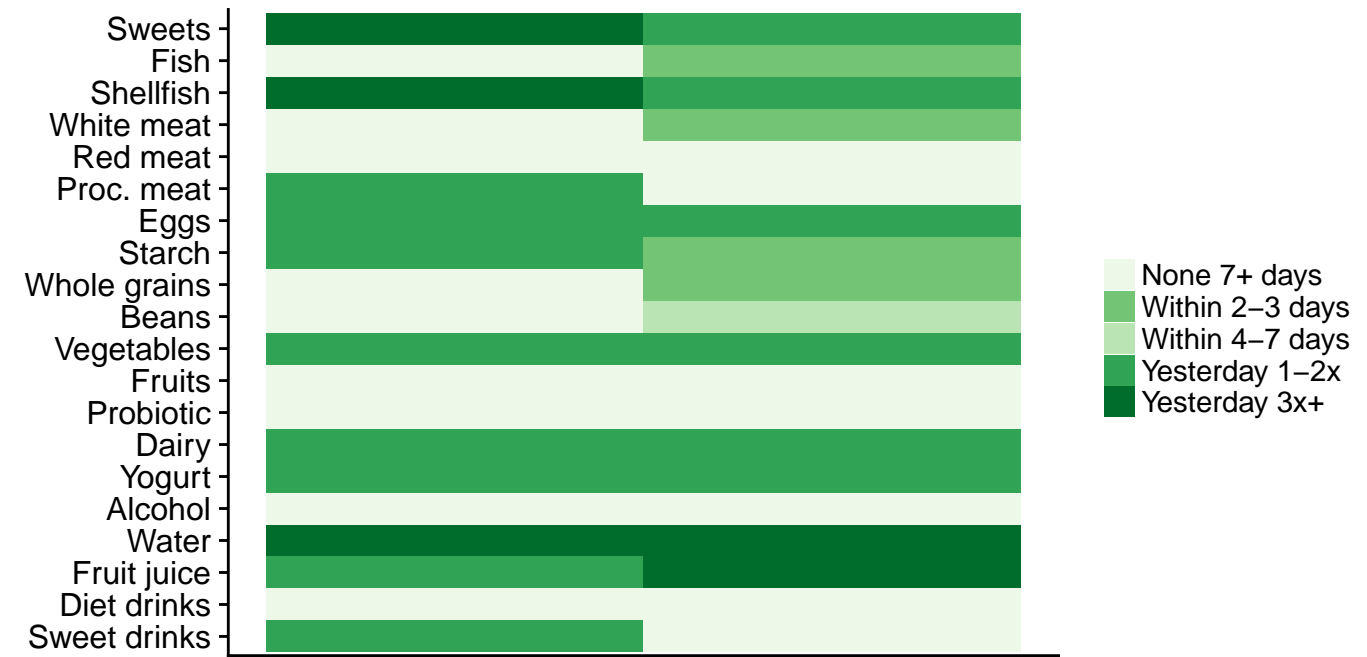
E5003: 15 Male Black or African American Emory | CD L3



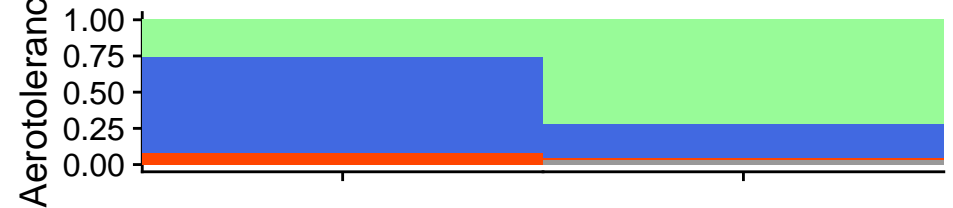
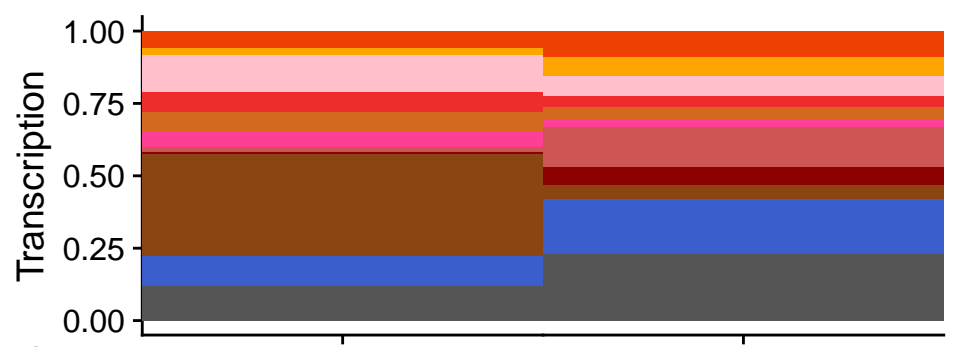
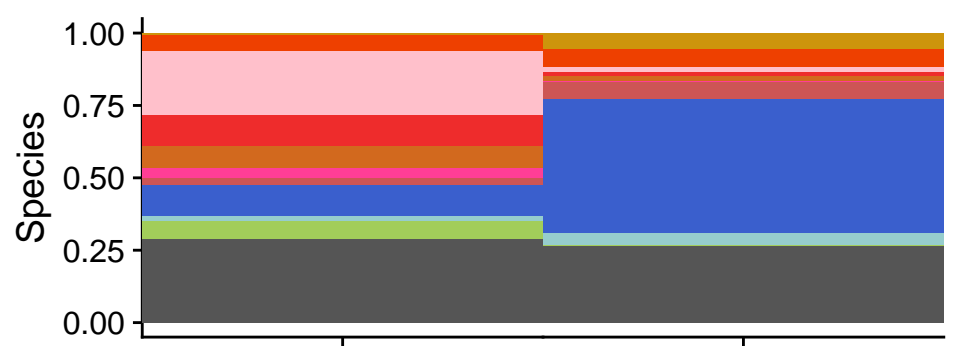
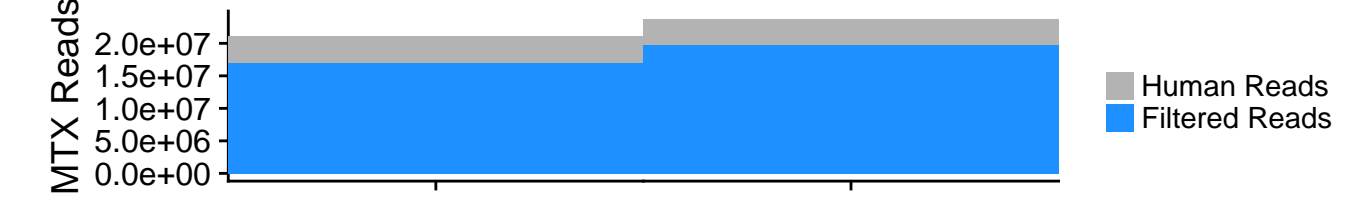
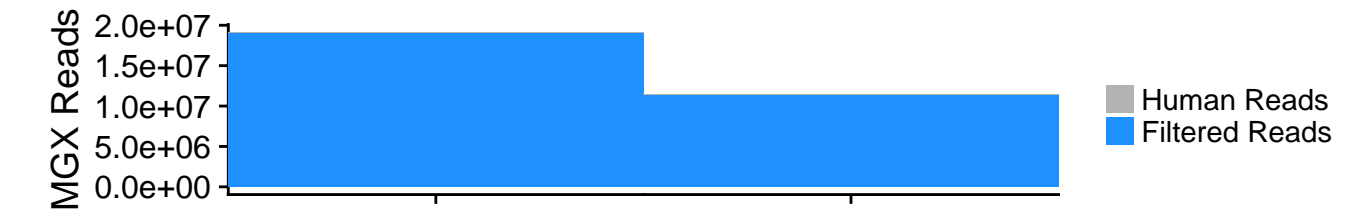
E5004: 7 Female Black or African American Emory | UC



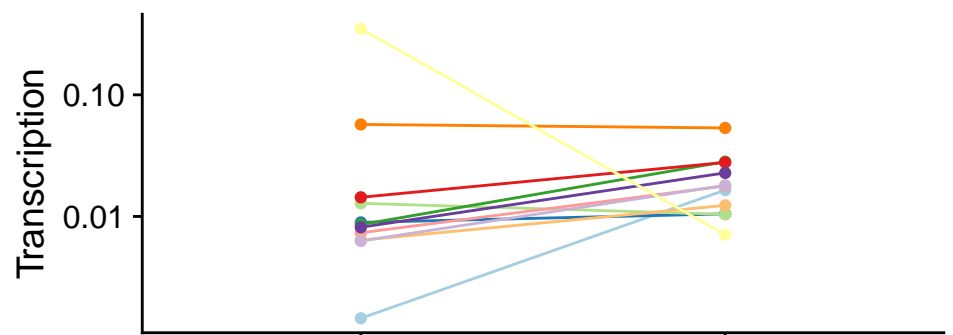
E5006: NA Male Black or African American Emory | CD



Serology



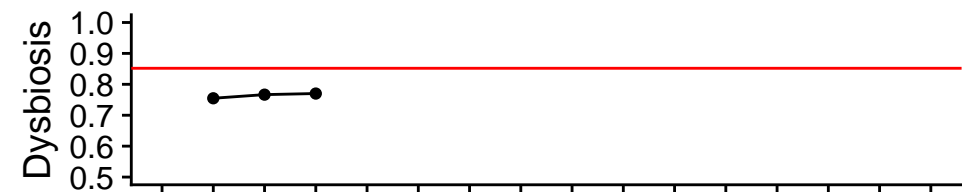
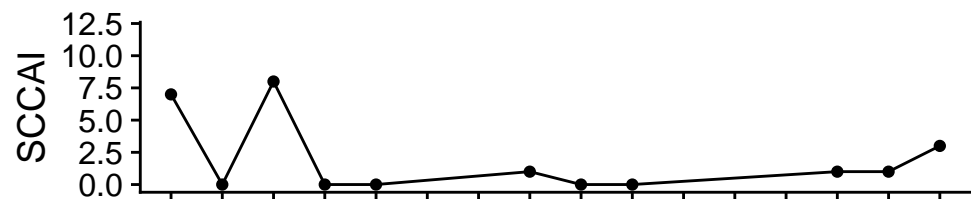
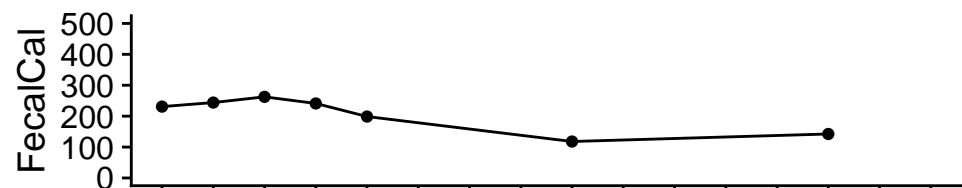
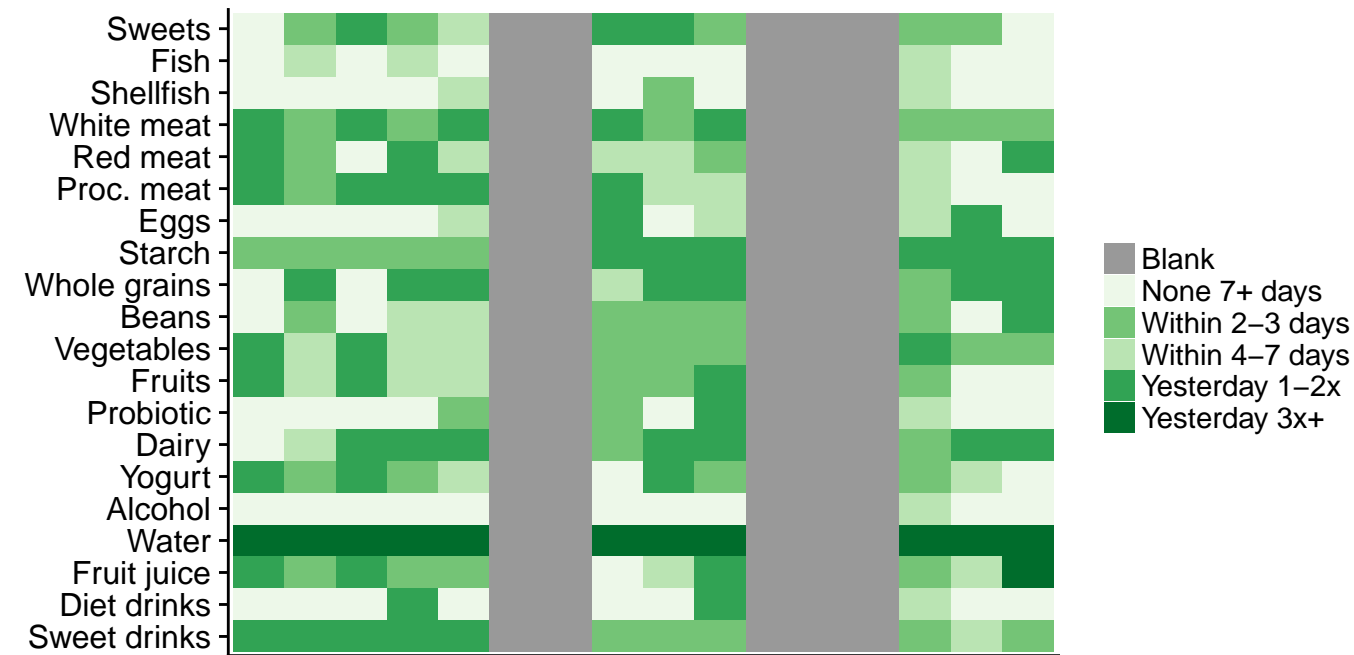
Viruses



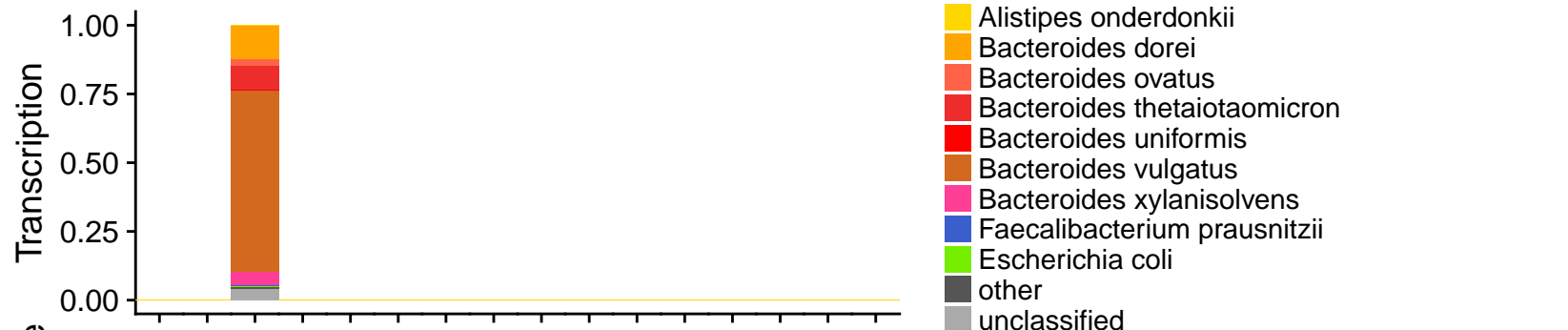
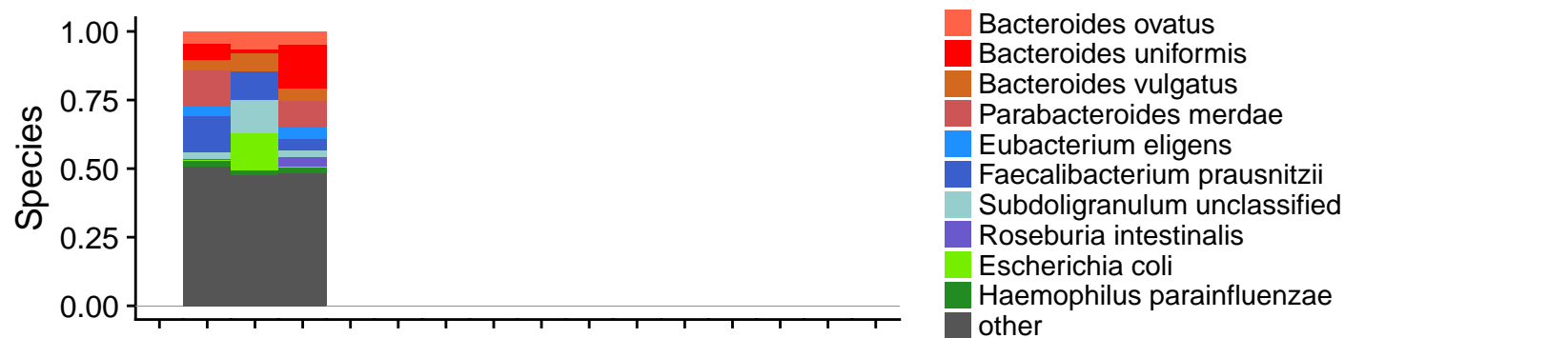
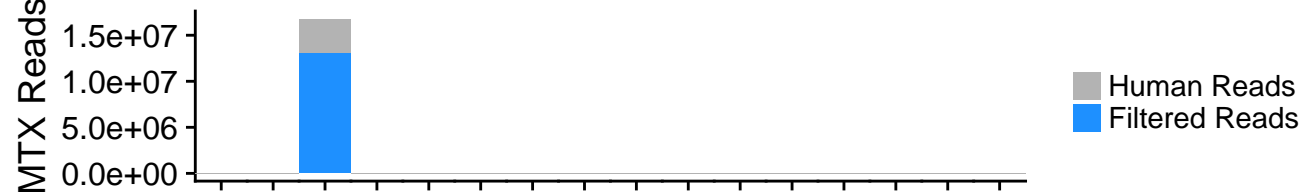
Metabolites

Proteins

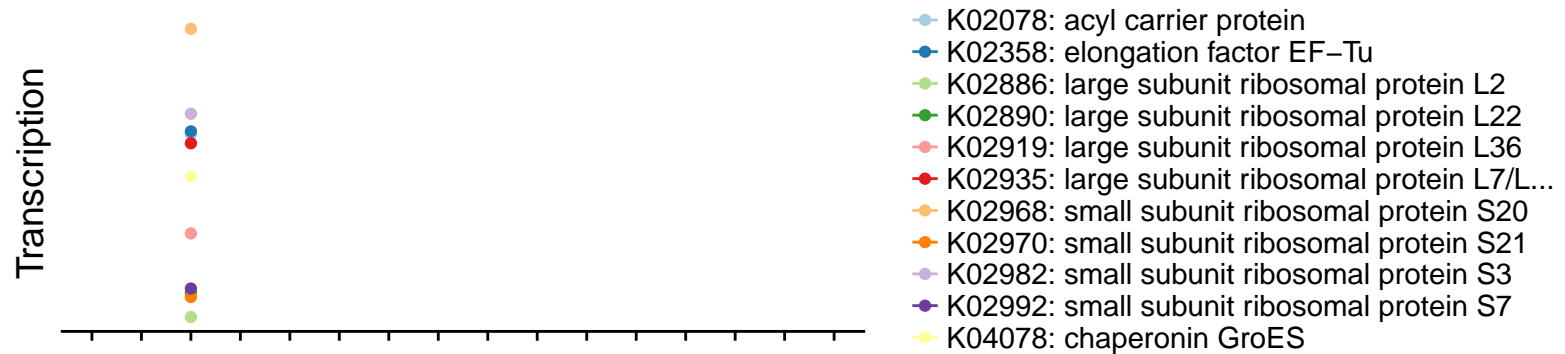
E5008: 13 Male Black or African American Emory | UC



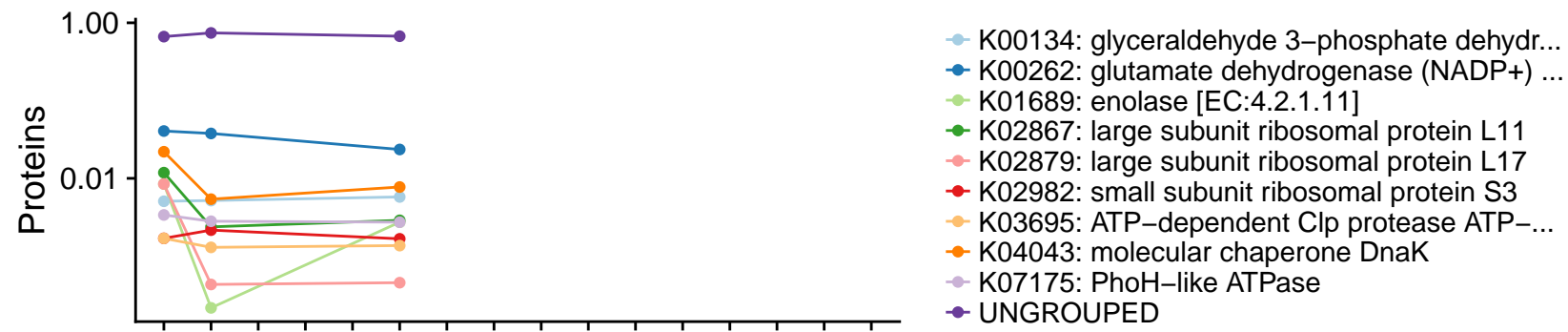
Serology



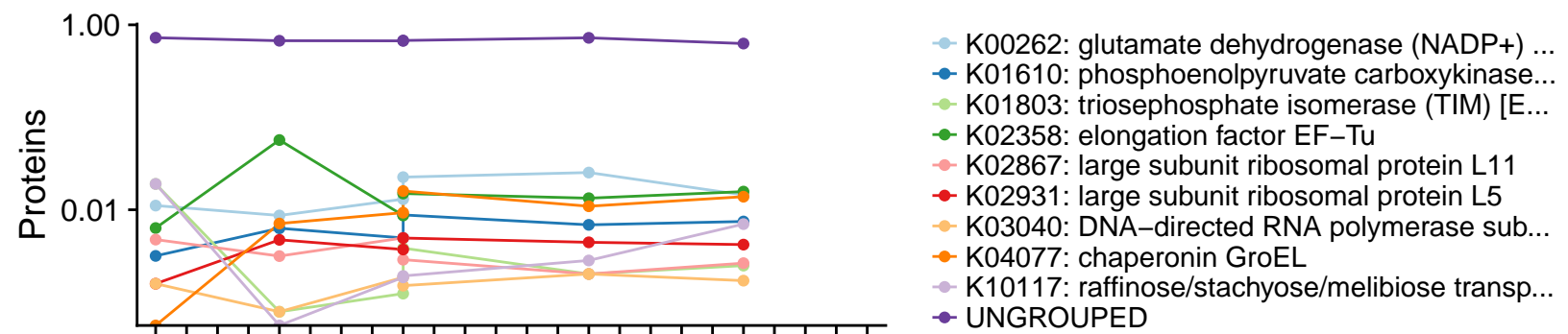
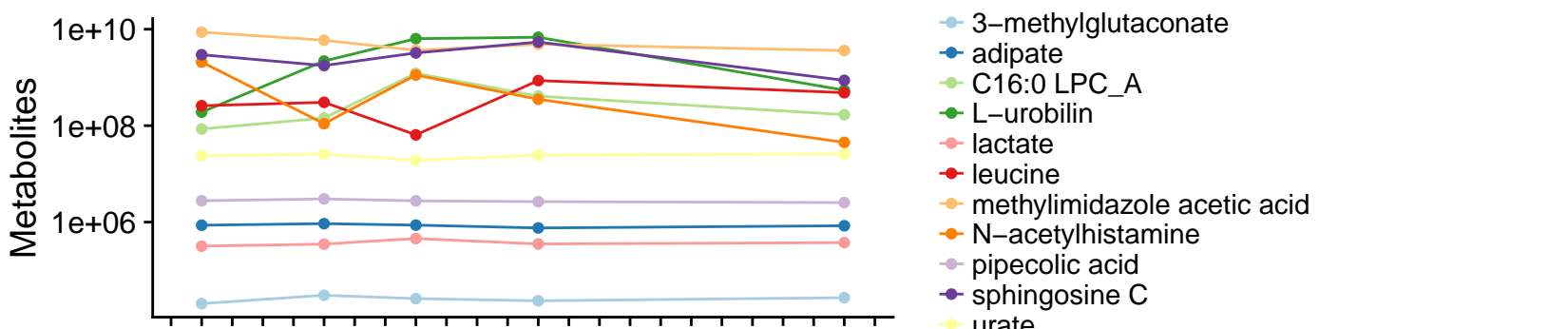
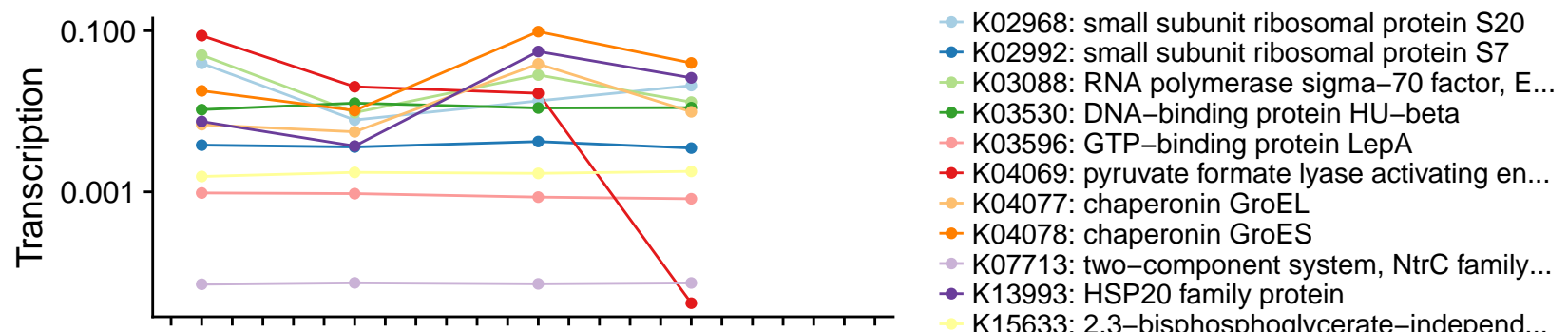
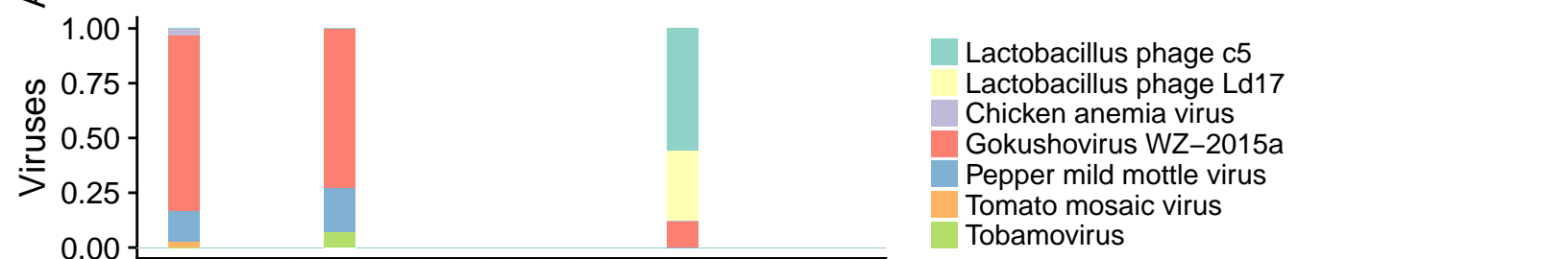
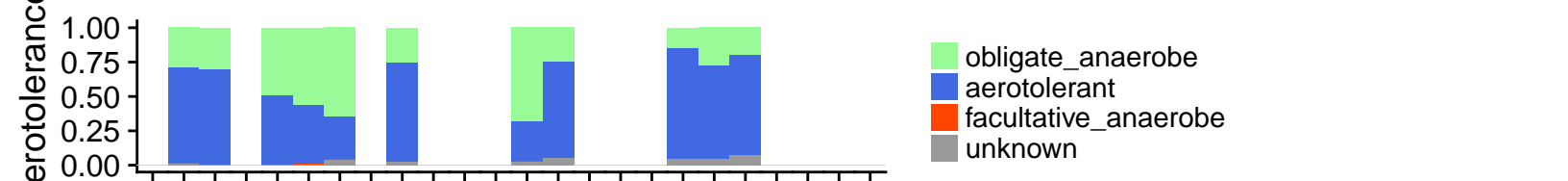
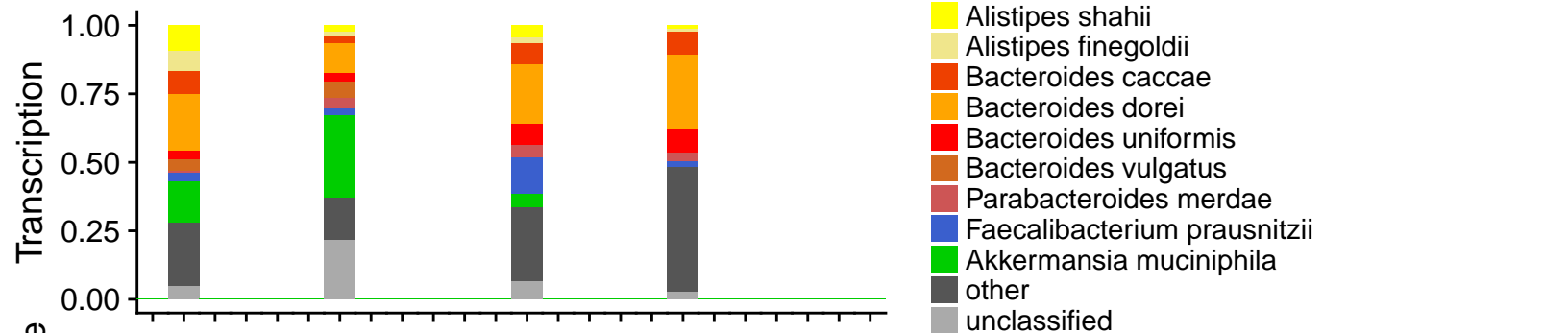
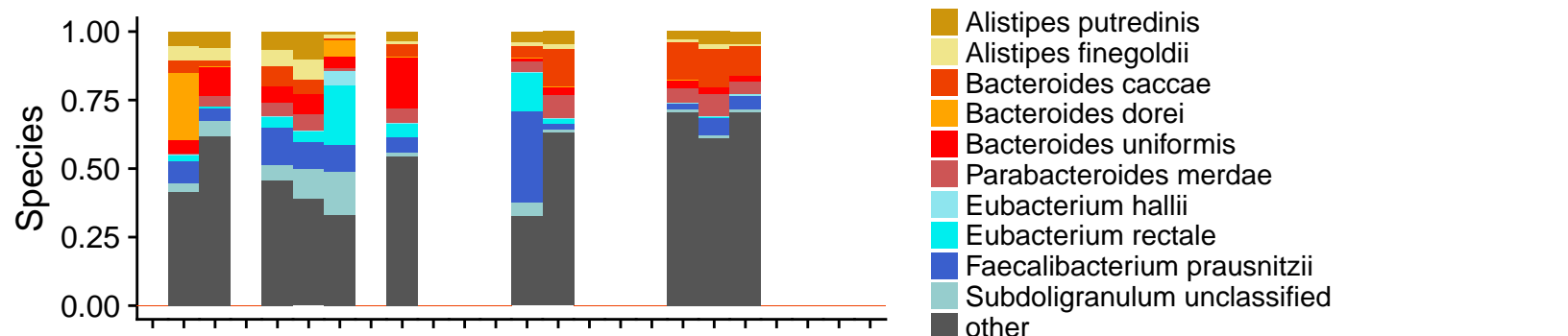
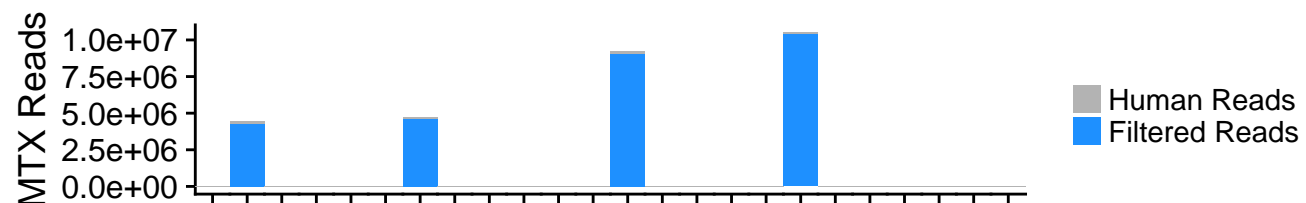
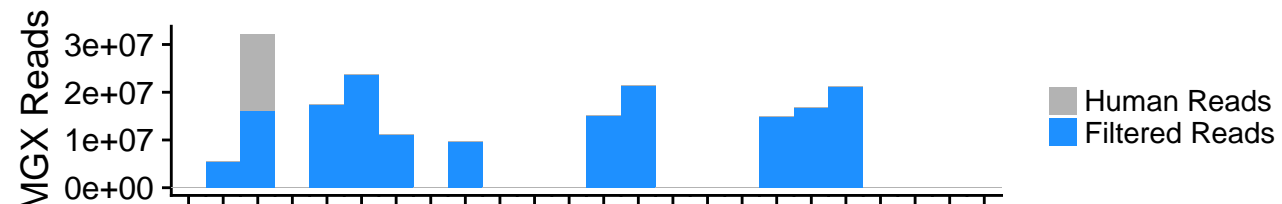
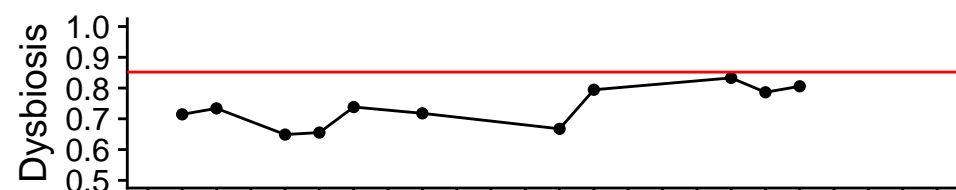
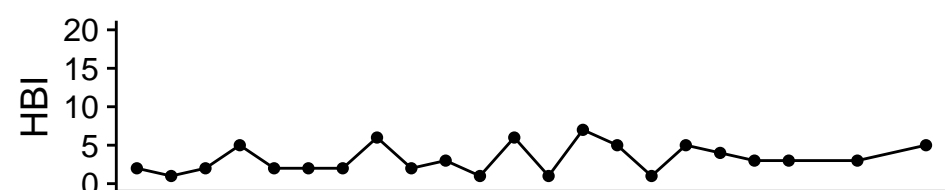
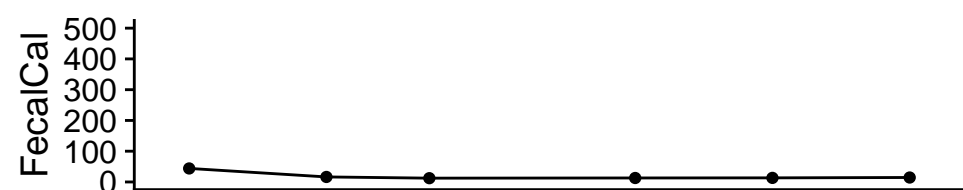
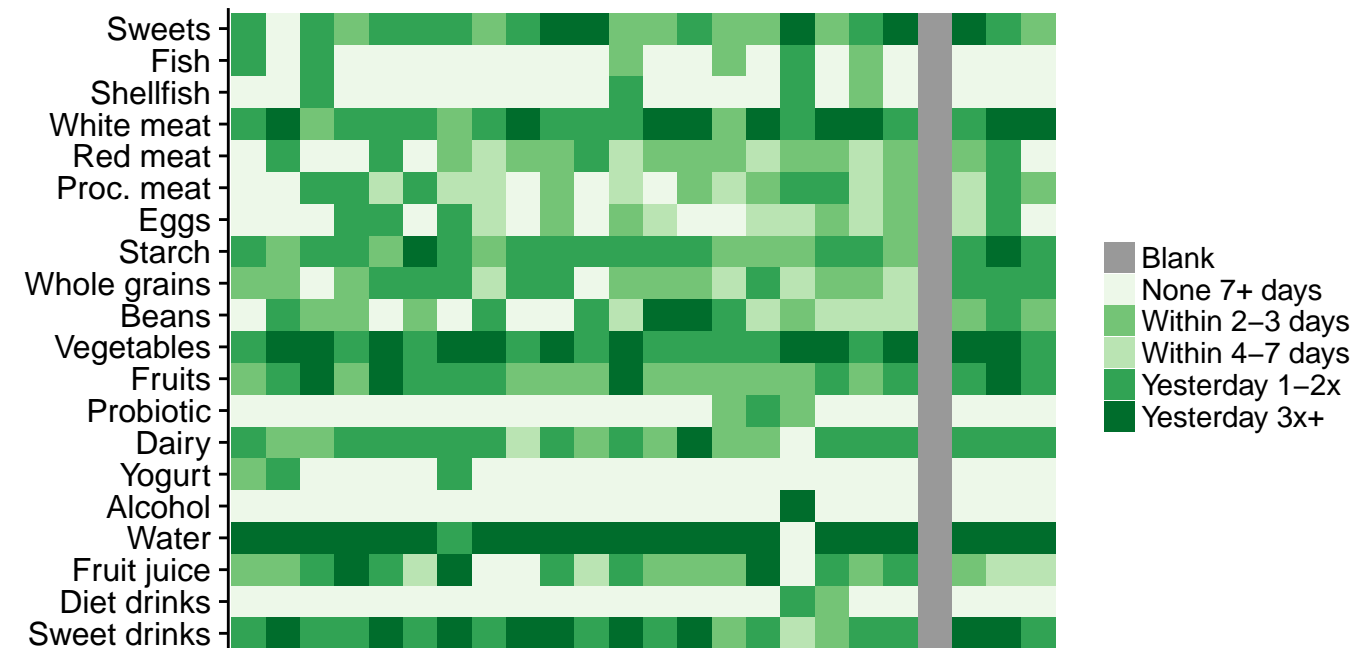
Viruses



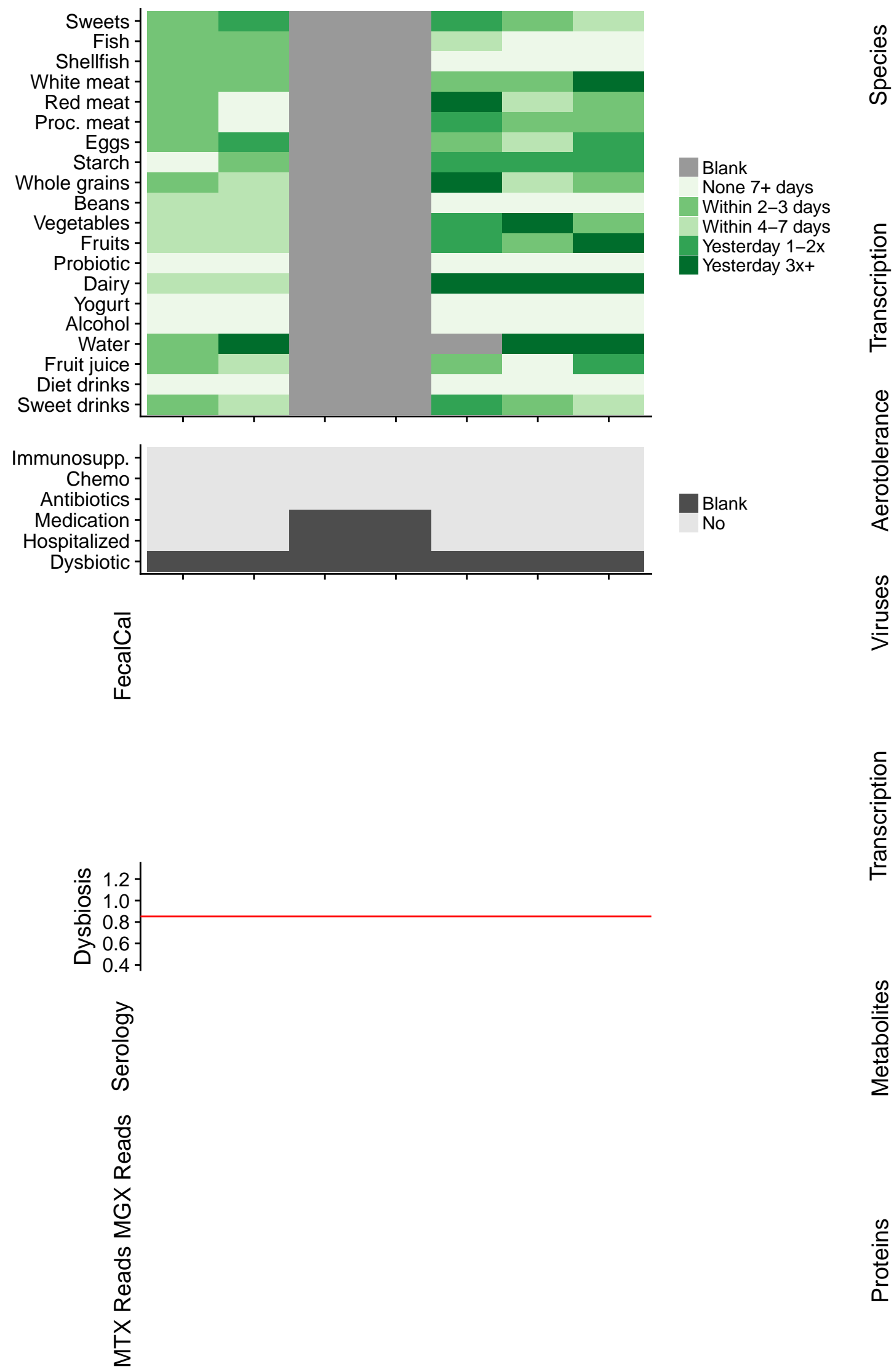
Metabolites



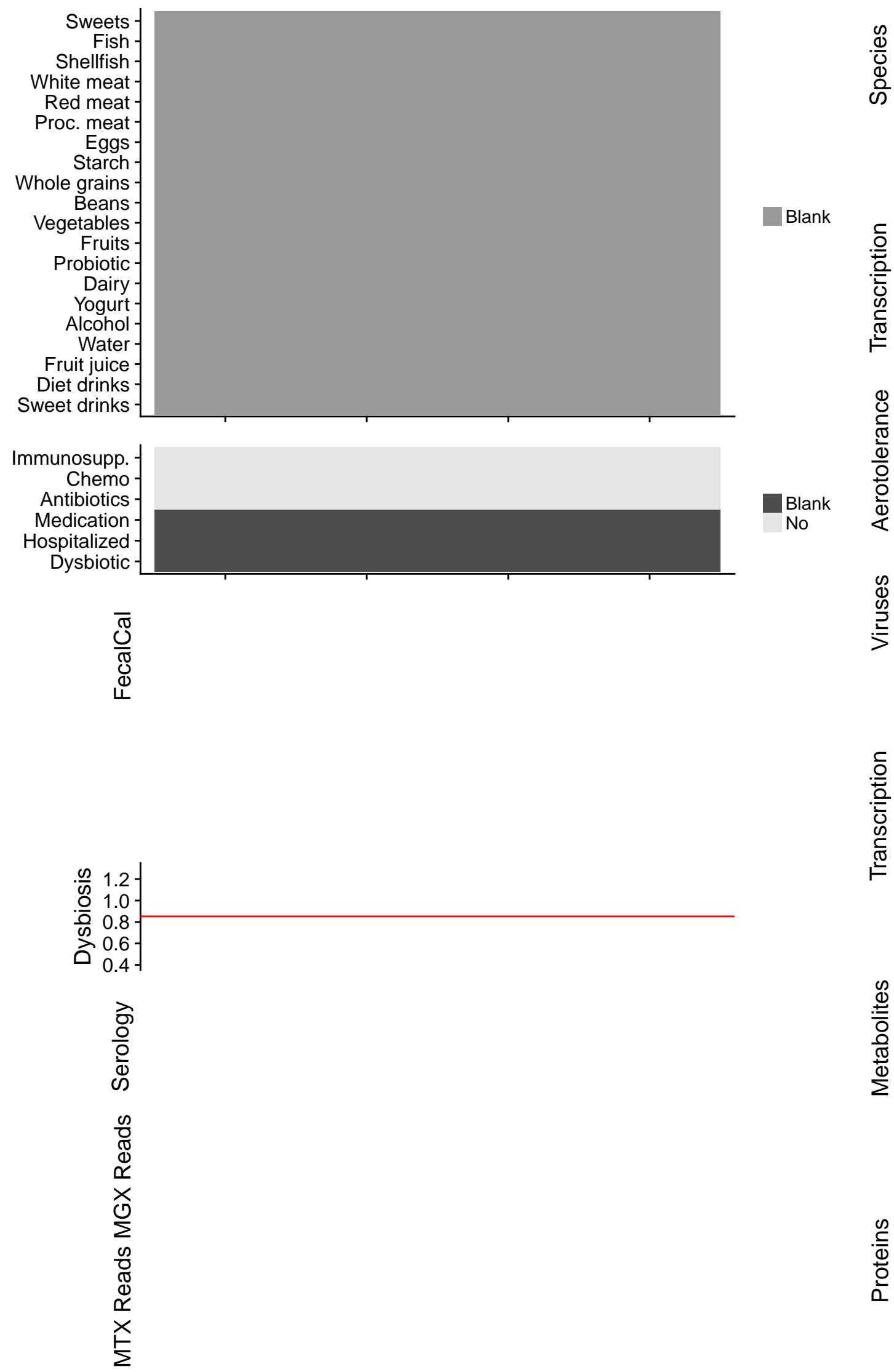
E5009: 17 Female White Emory | CD L1



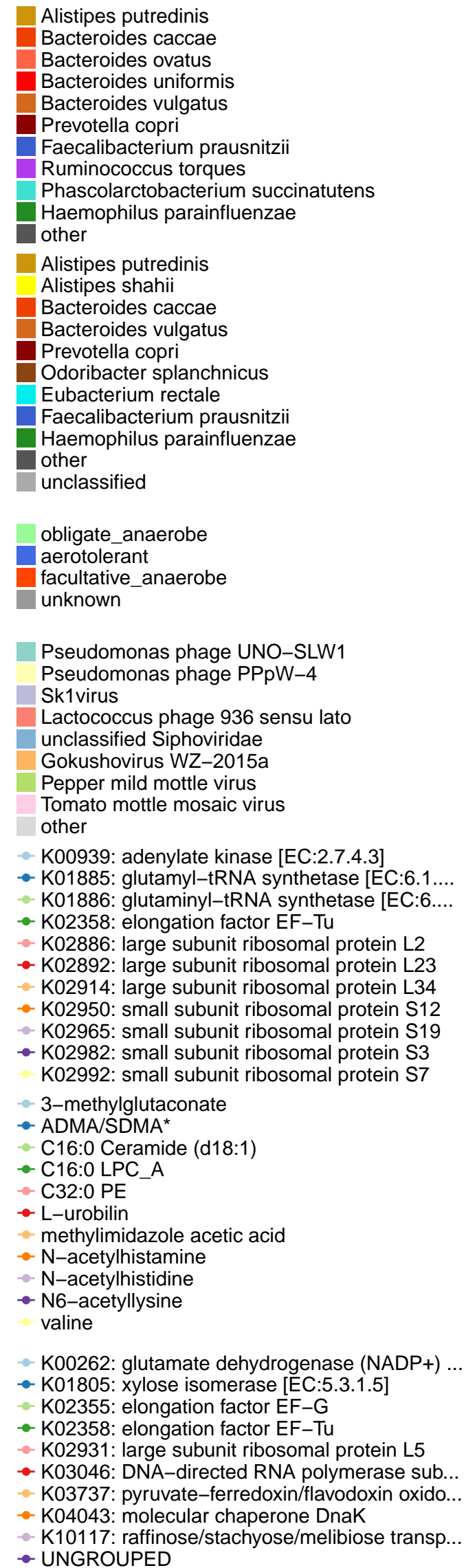
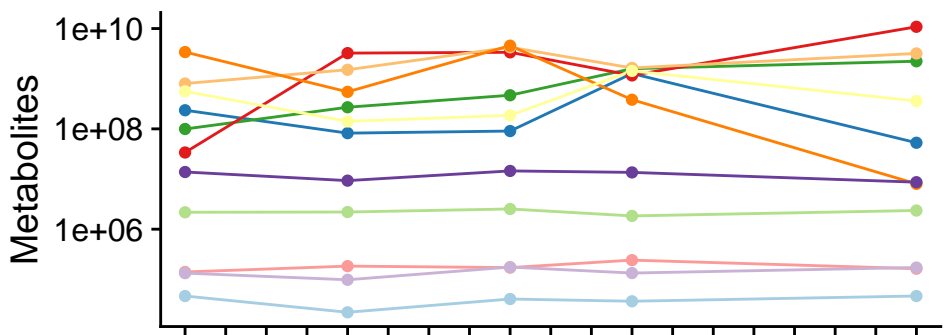
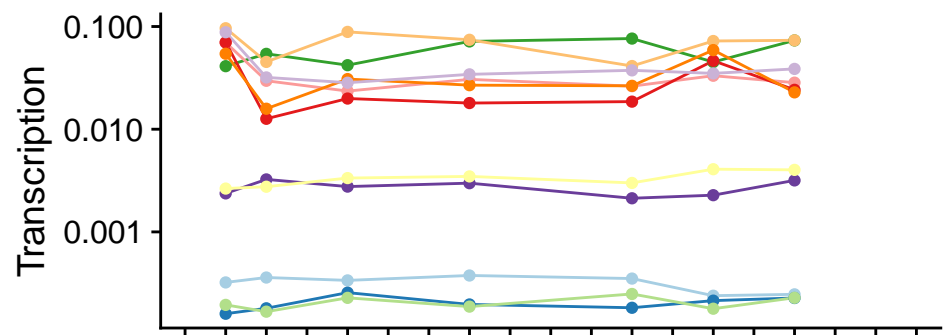
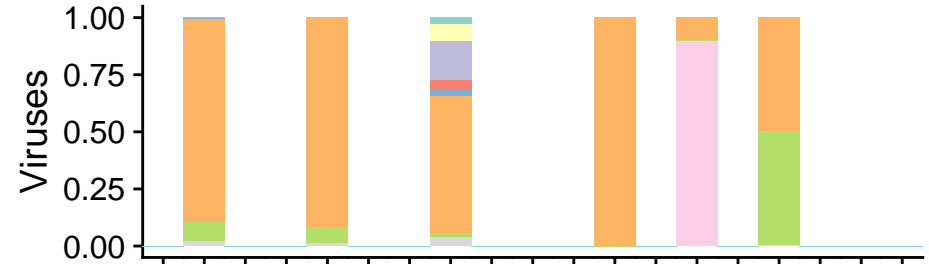
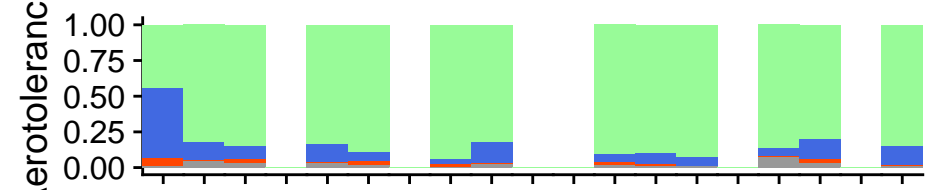
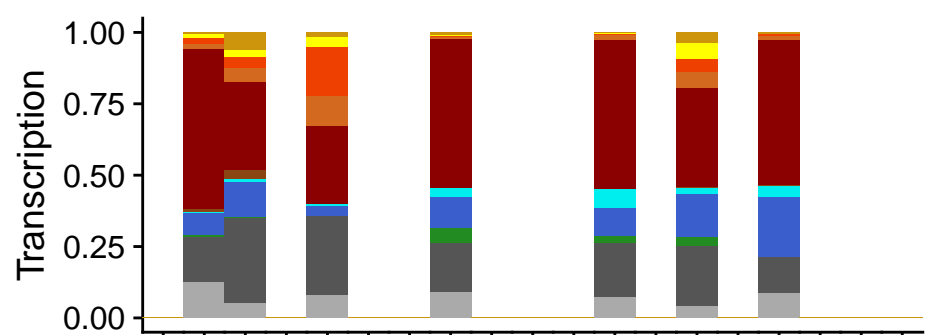
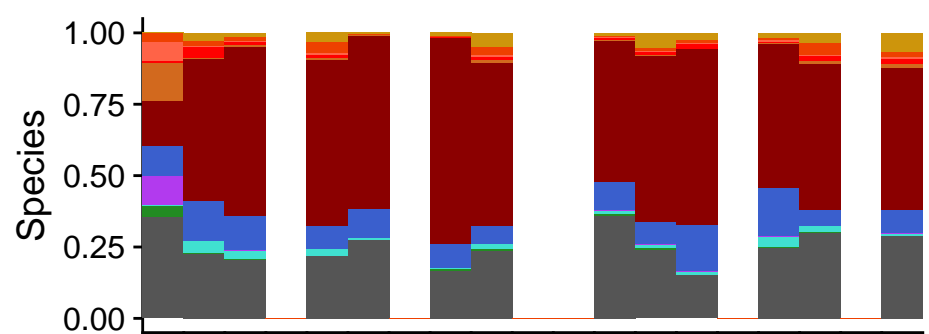
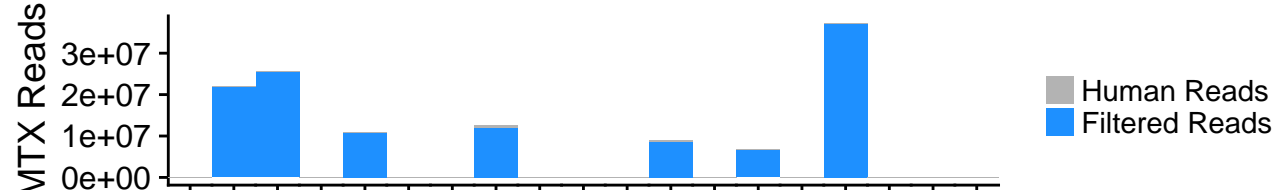
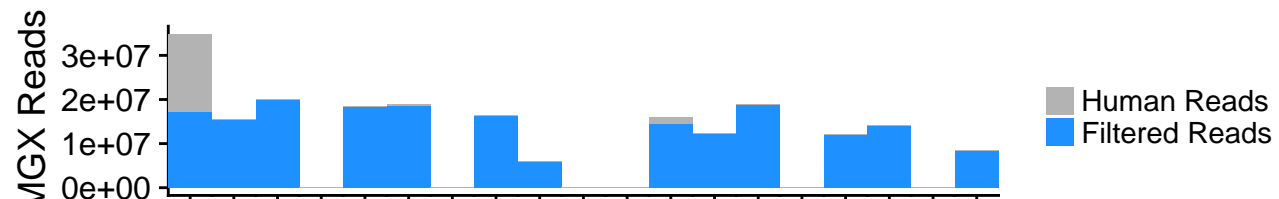
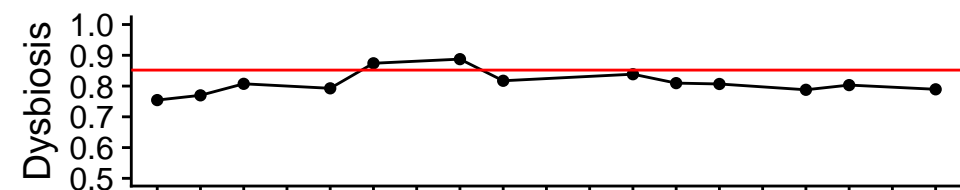
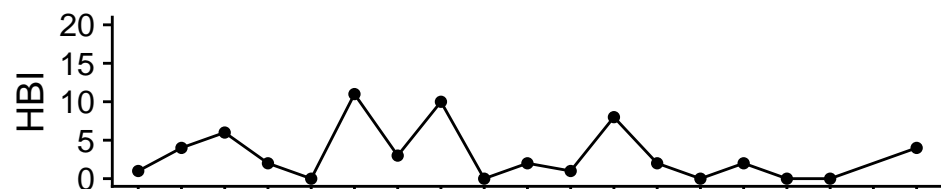
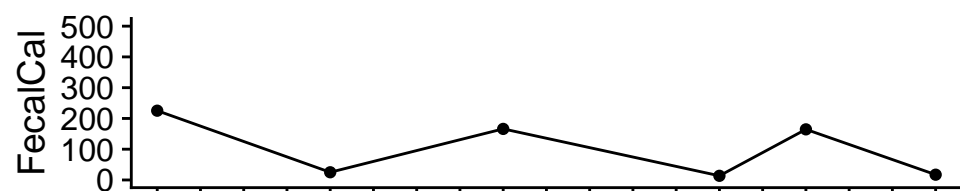
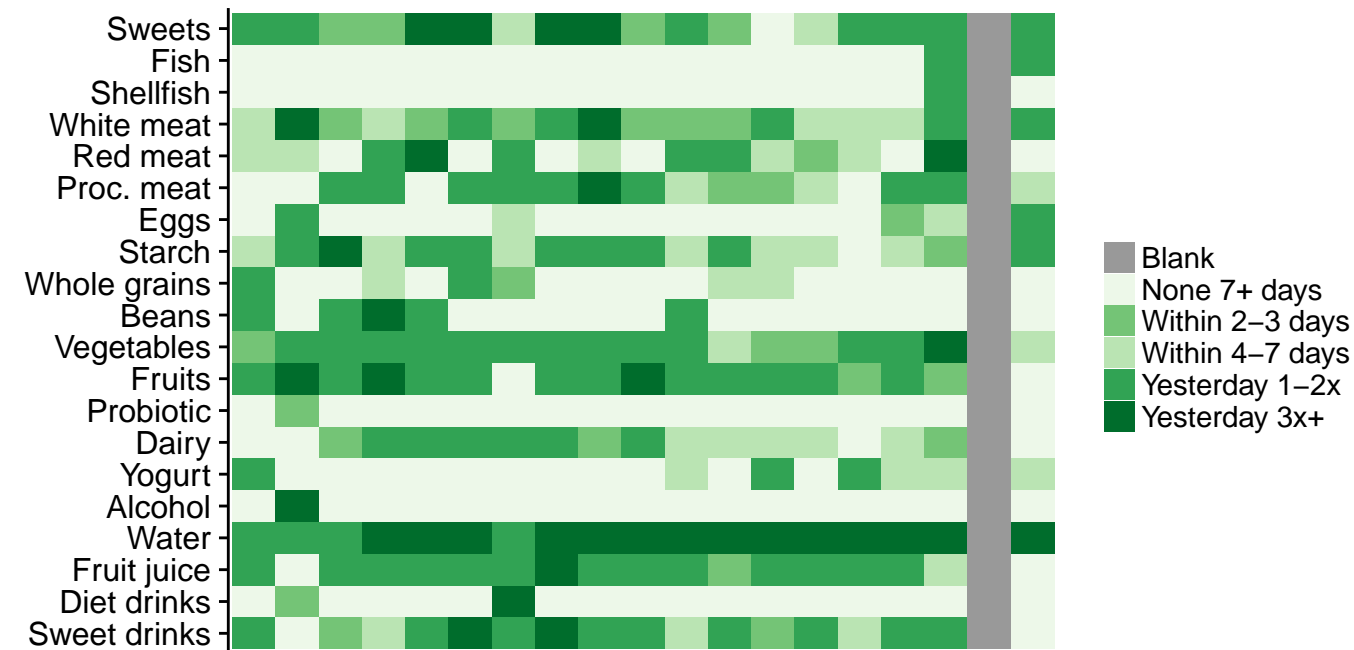
E5011: 13 Male Black or African American Emory | nonIBD



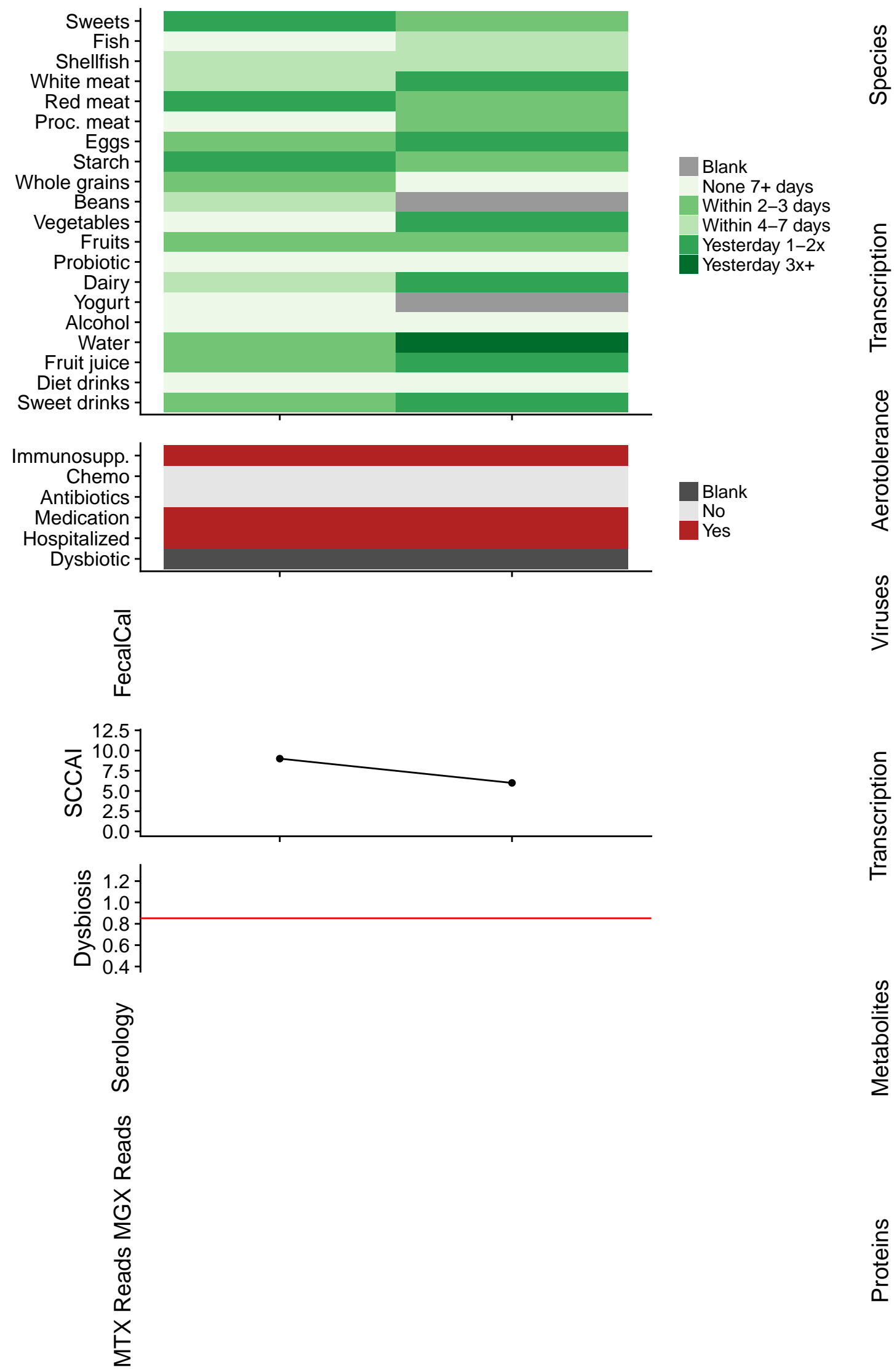
E5012: 7 Female White Emory | nonIBD



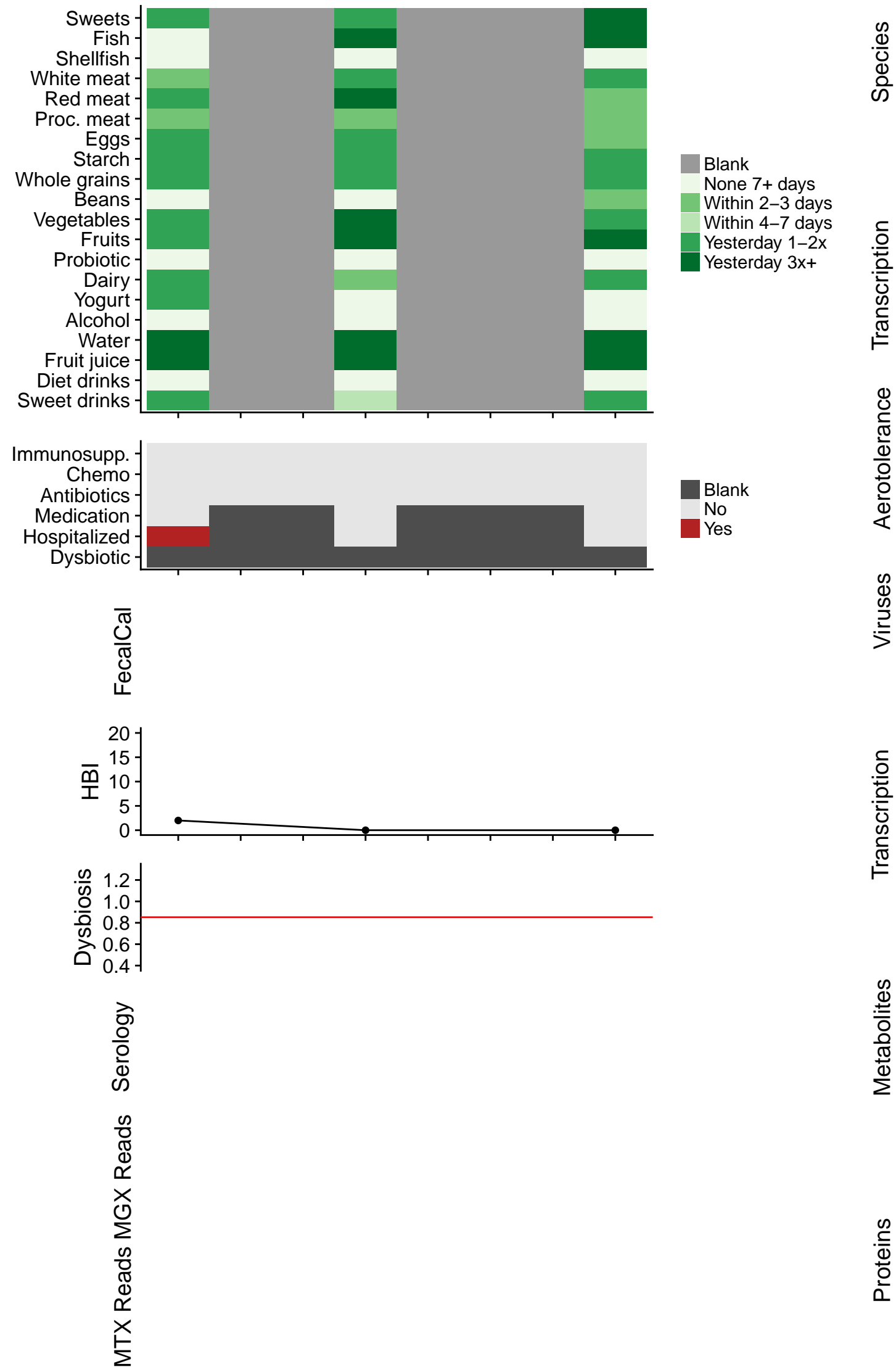
E5013: 15 Female More than one race Emory | CD L1

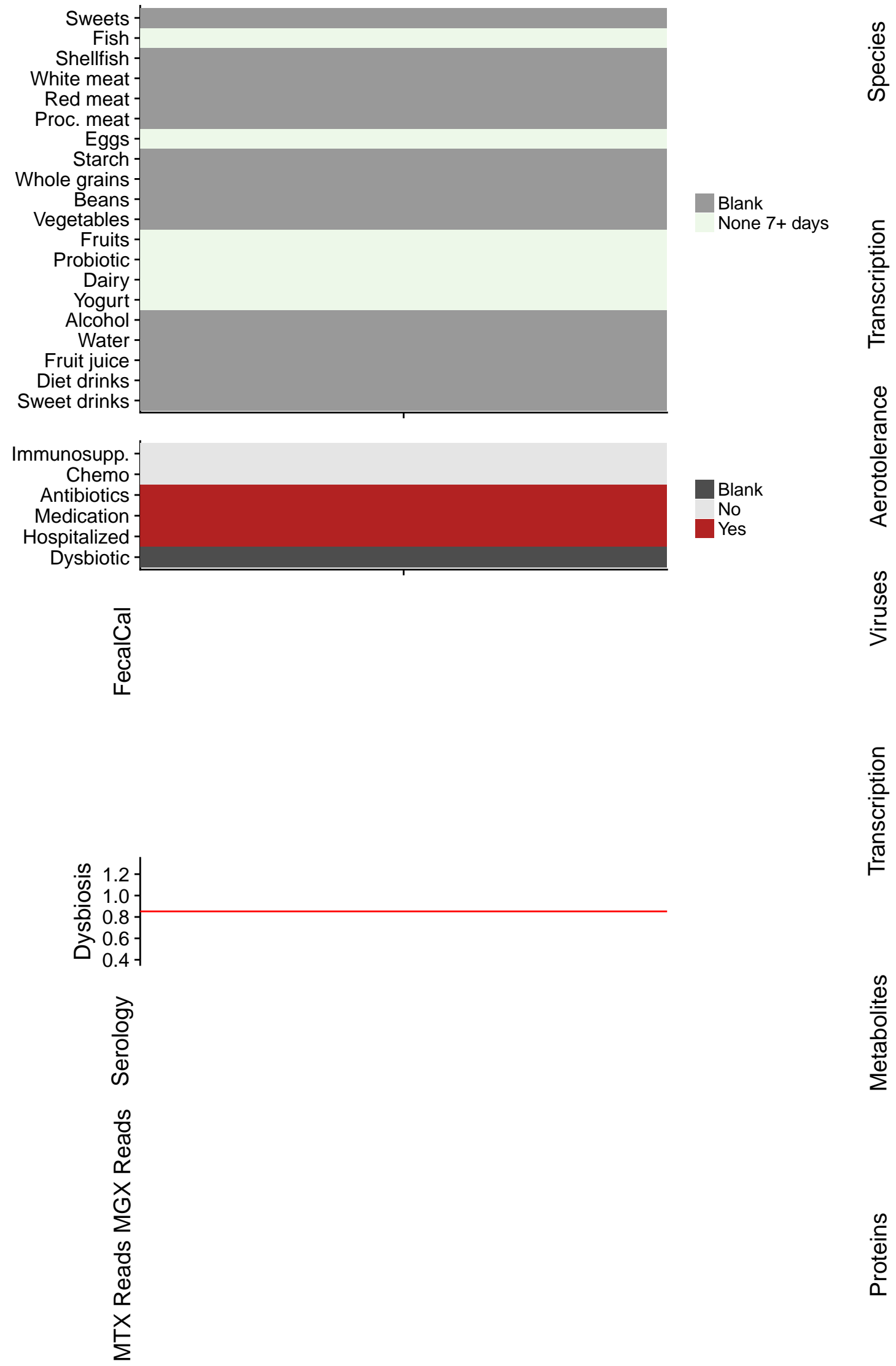


E5014: 11 Male More than one race Emory | UC

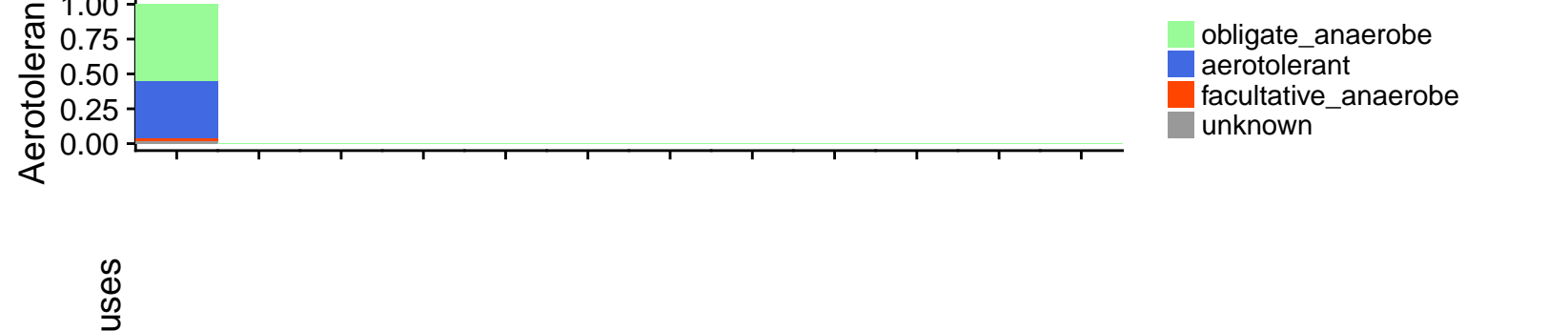
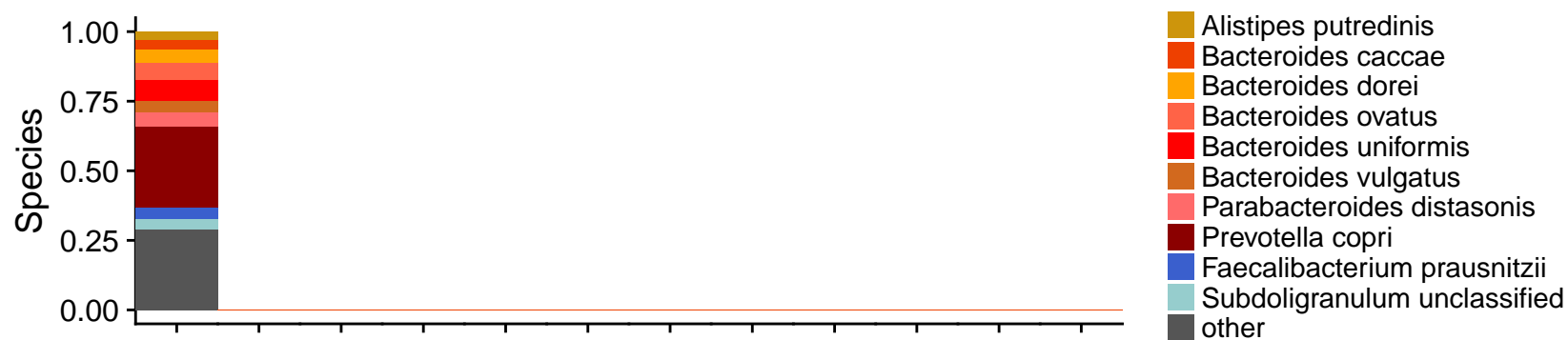
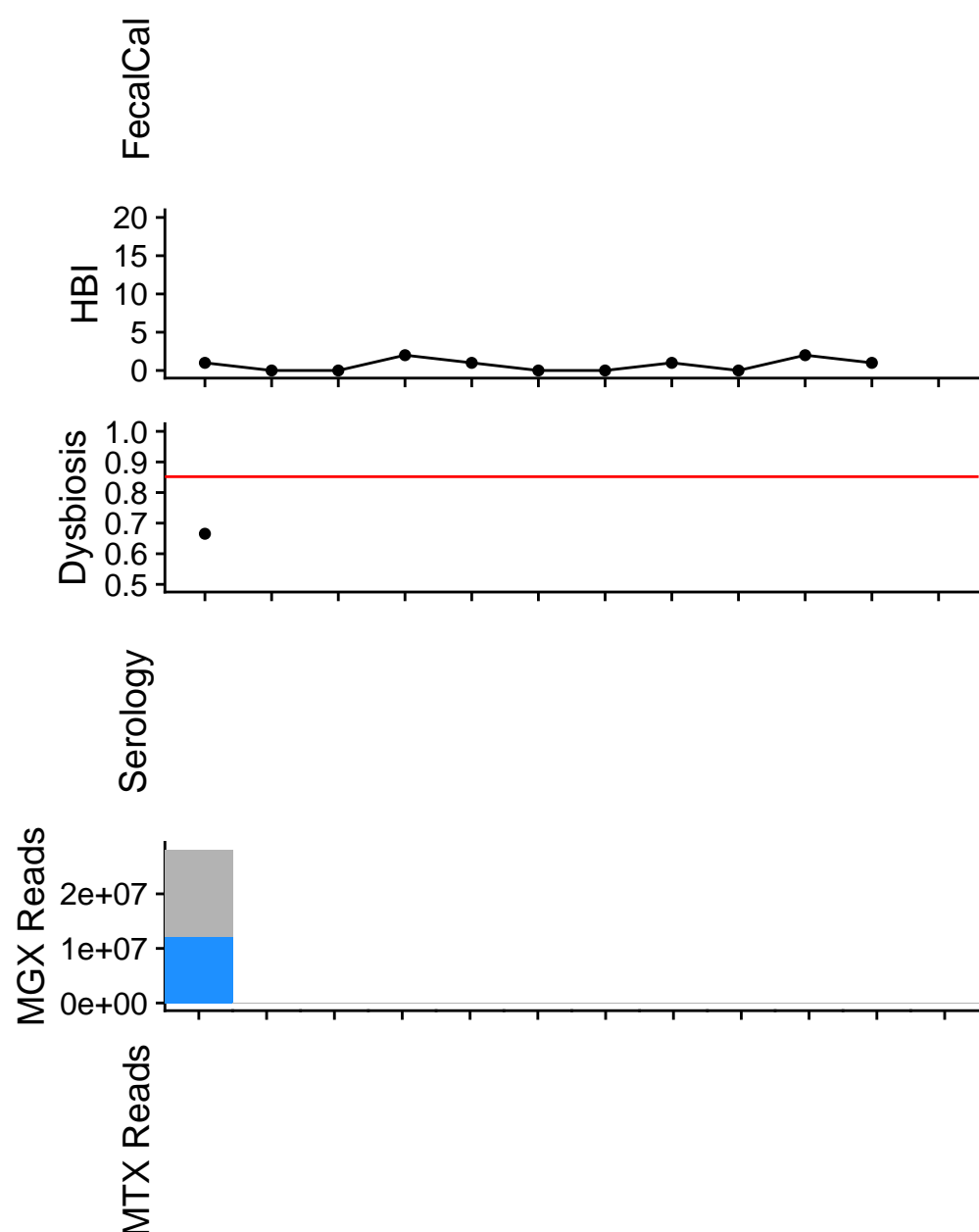
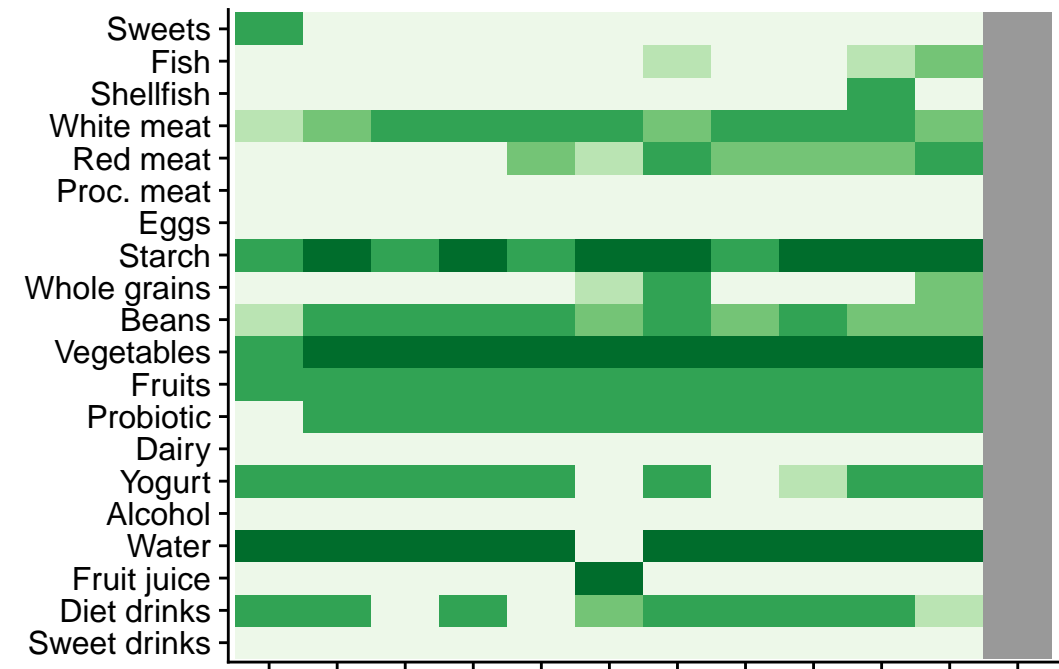


E5017: 16 Male Black or African American Emory | CD

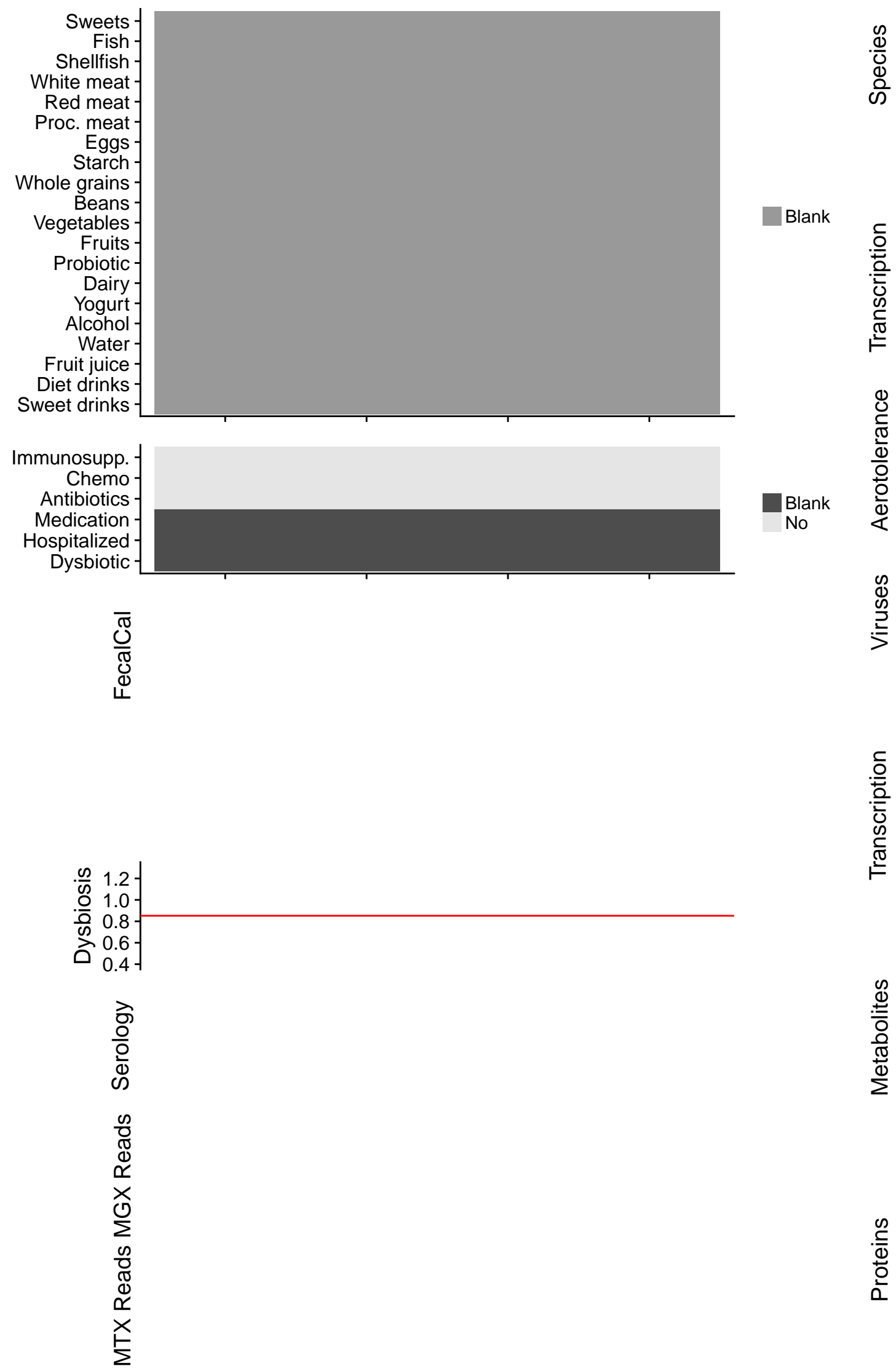




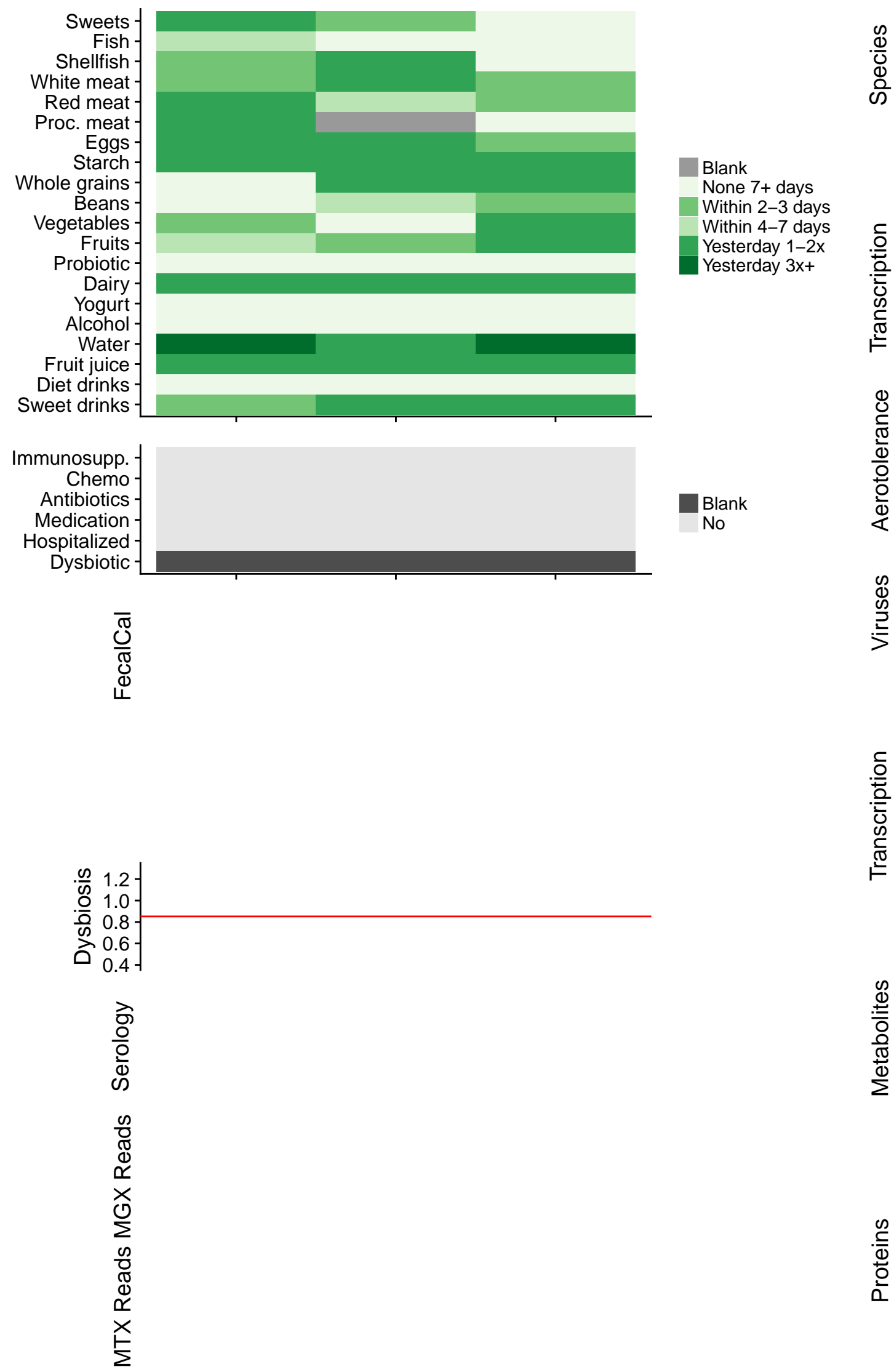
E5019: 8 Male More than one race Emory | CD



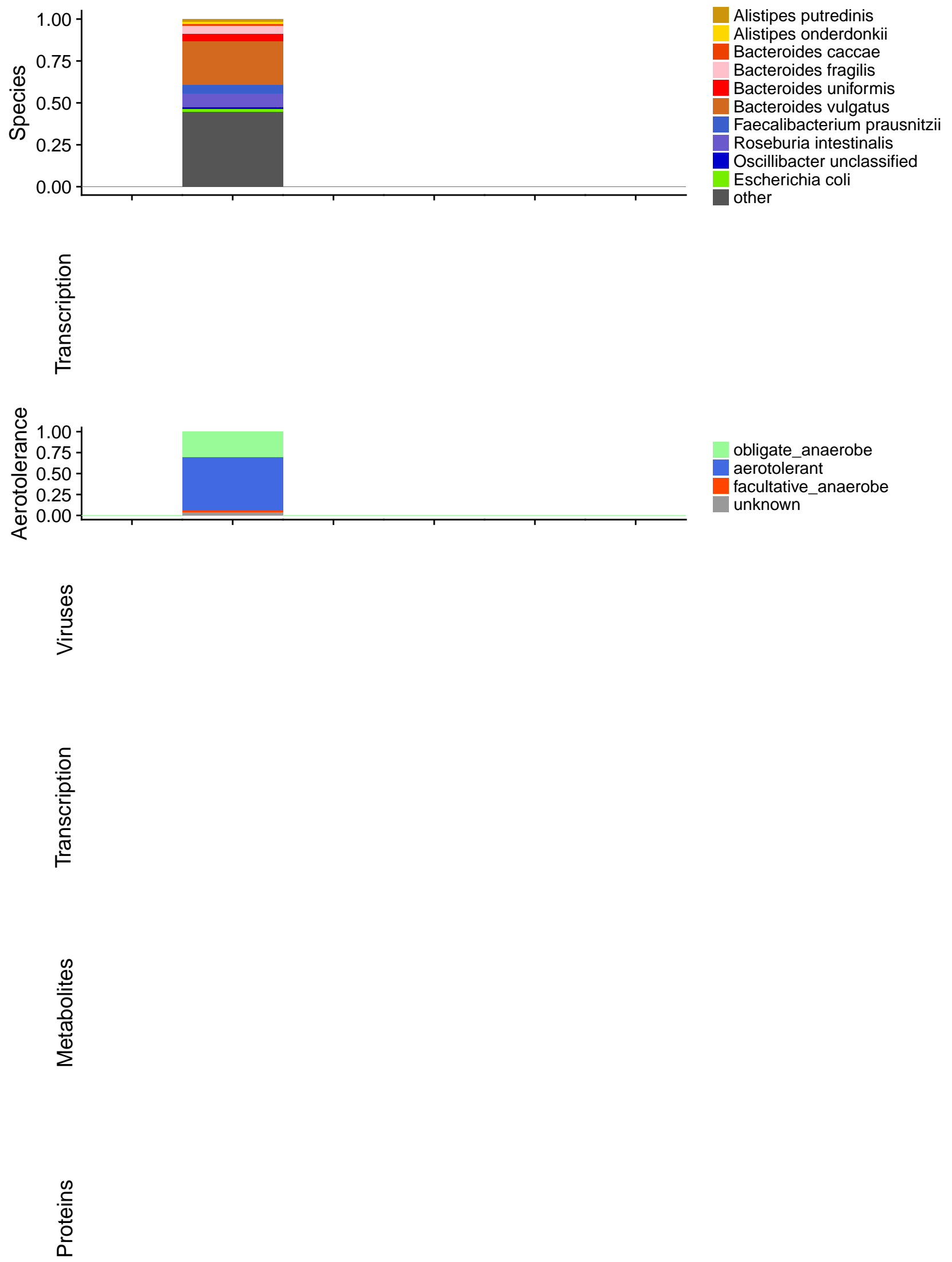
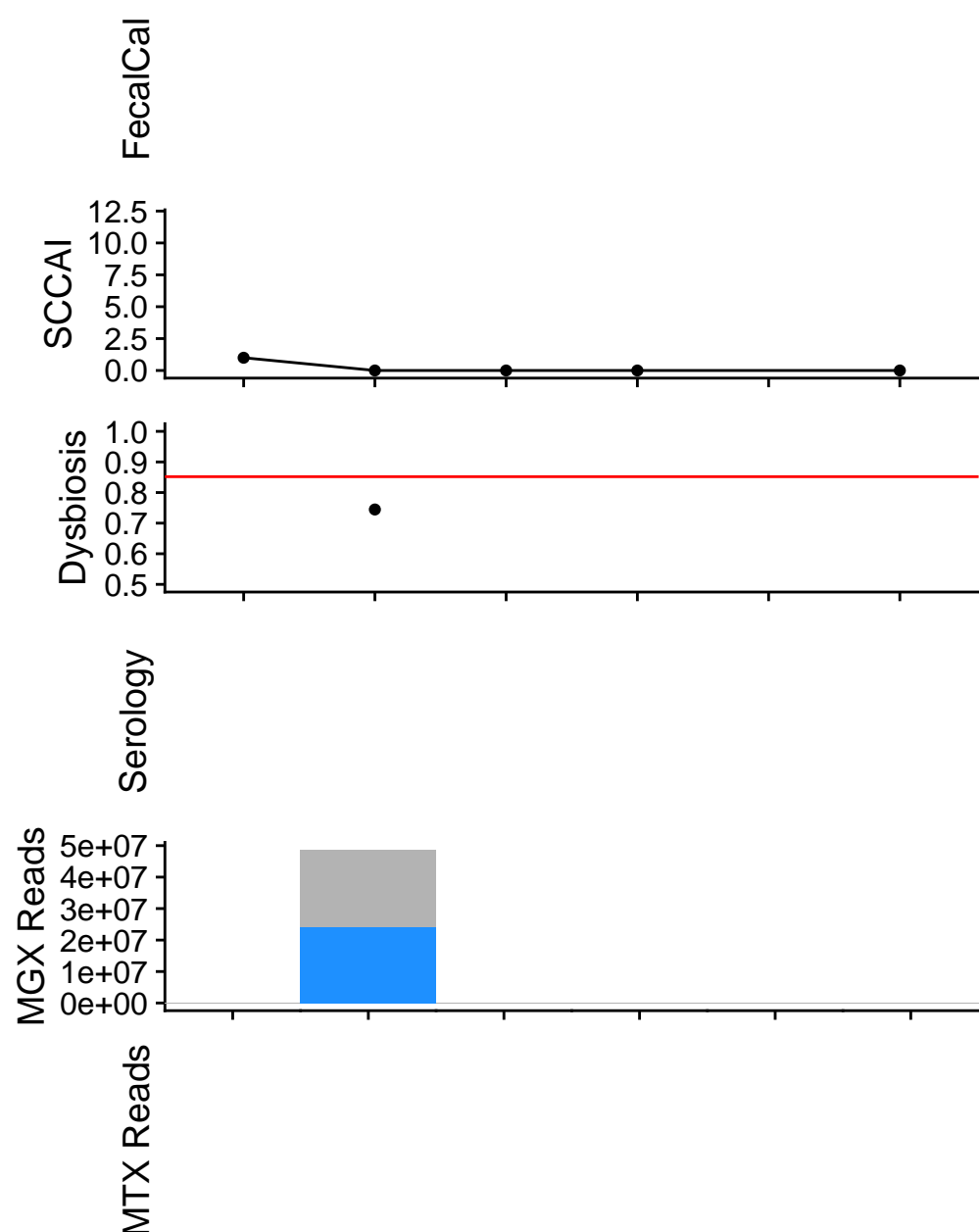
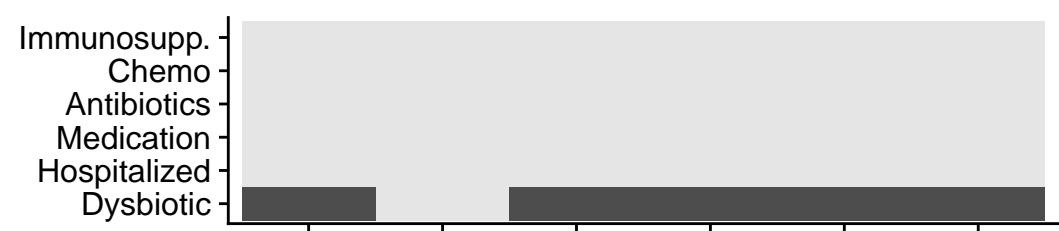
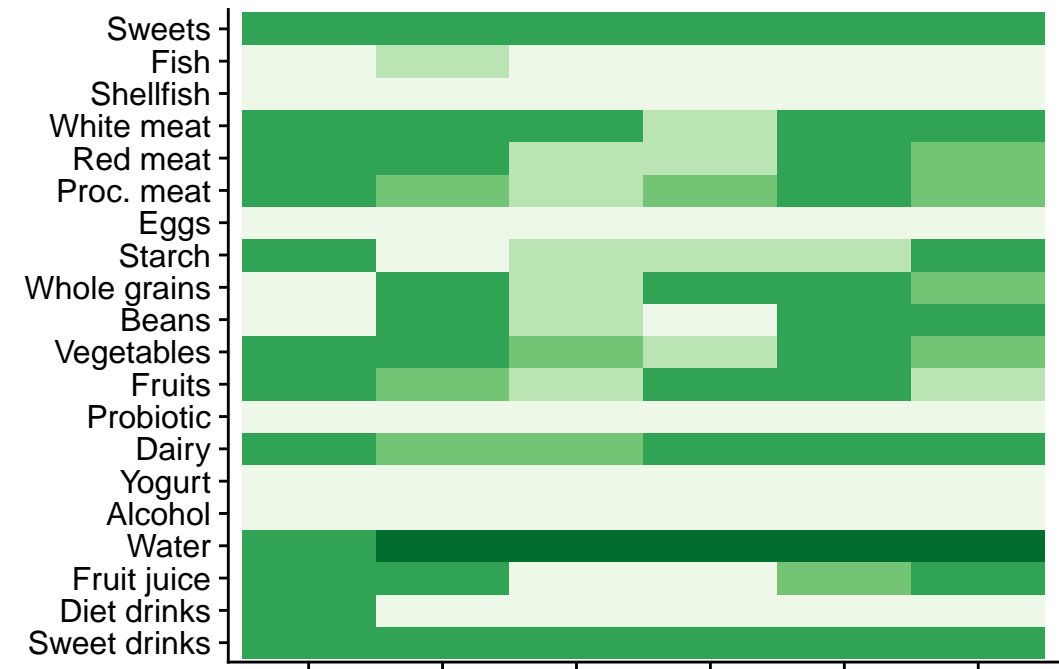
E5020: 15 Female White Emory | nonIBD



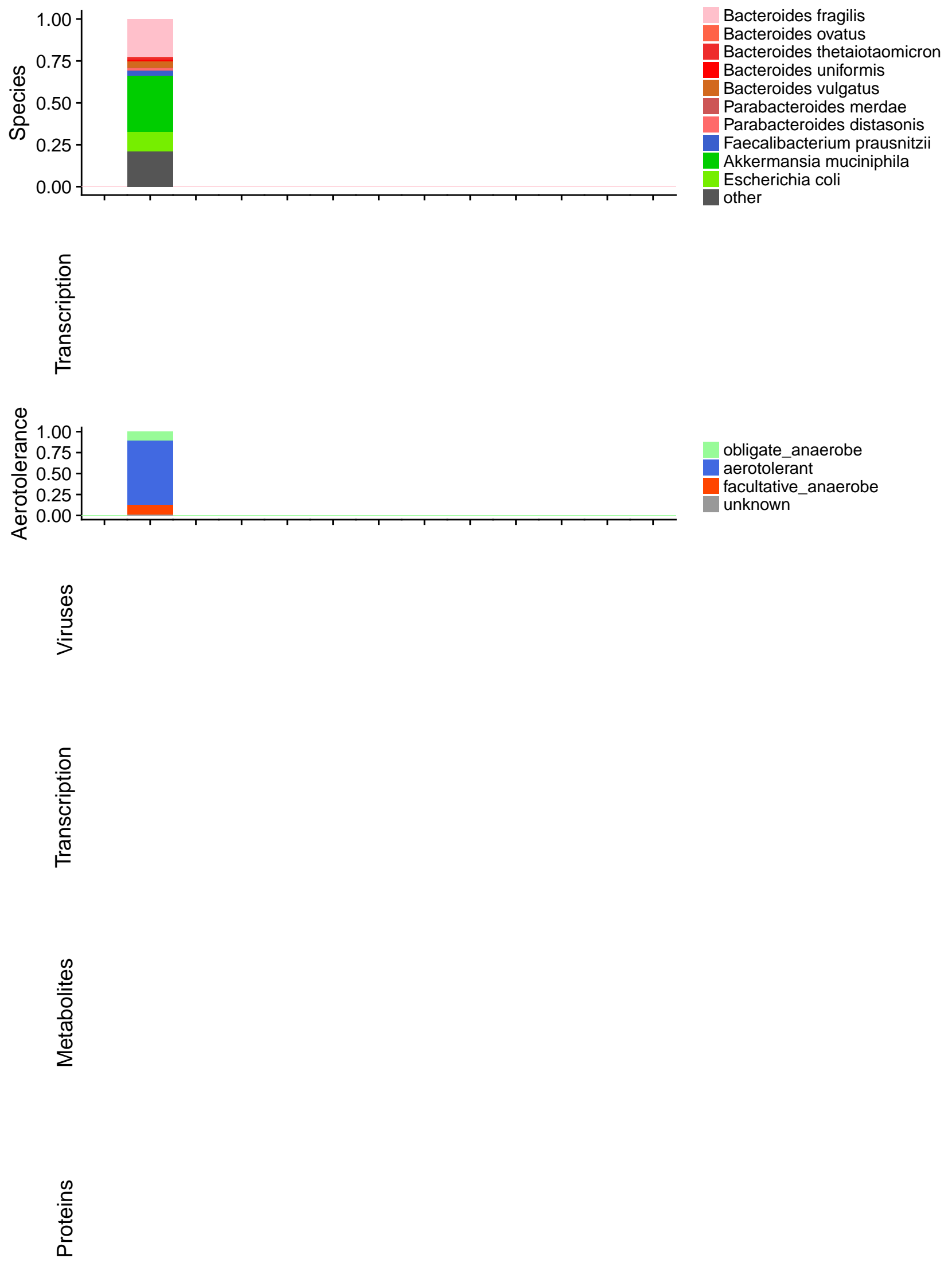
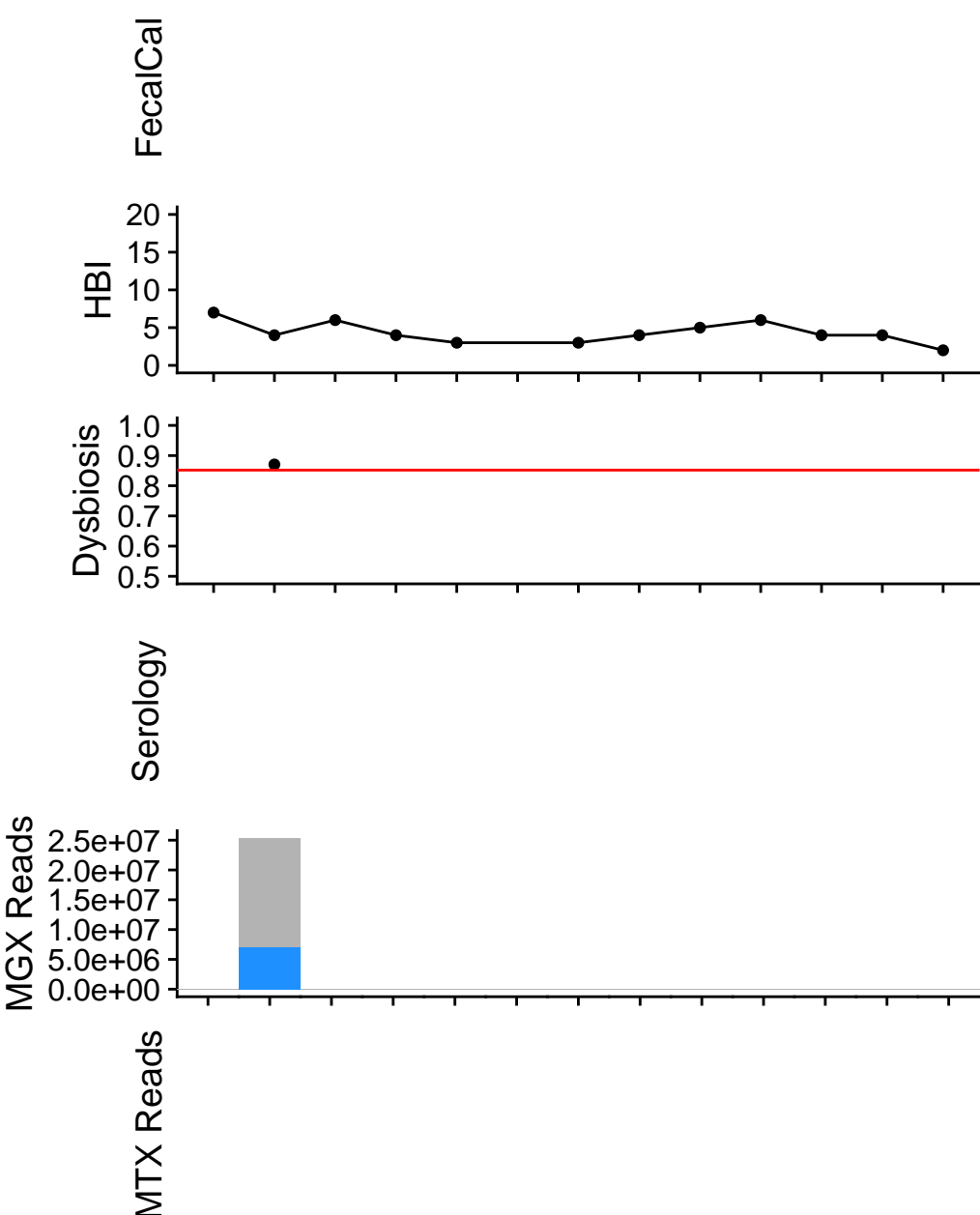
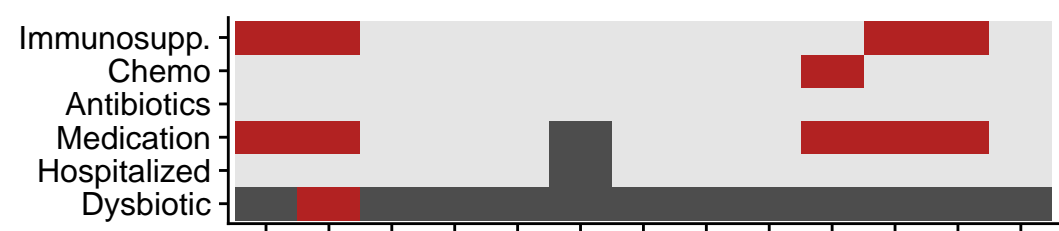
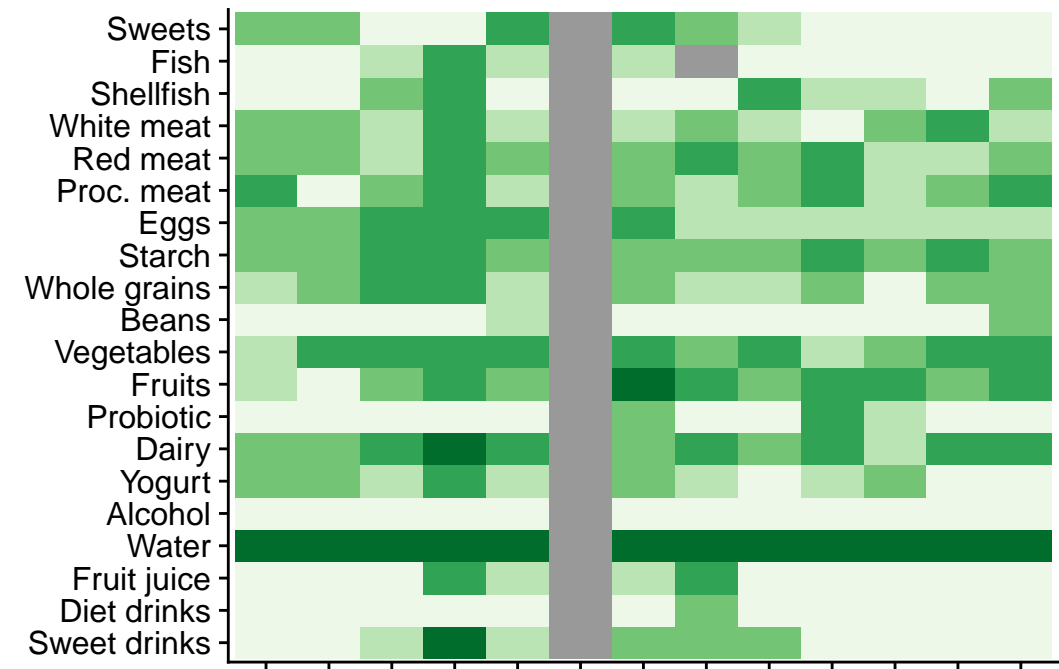
E5021: 12 Male Black or African American Emory | nonIBD



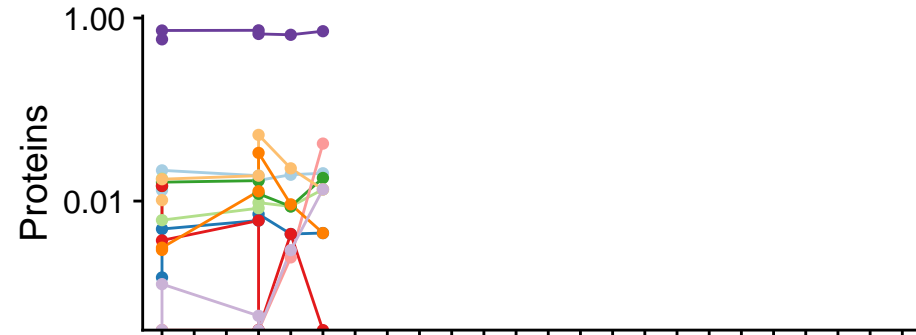
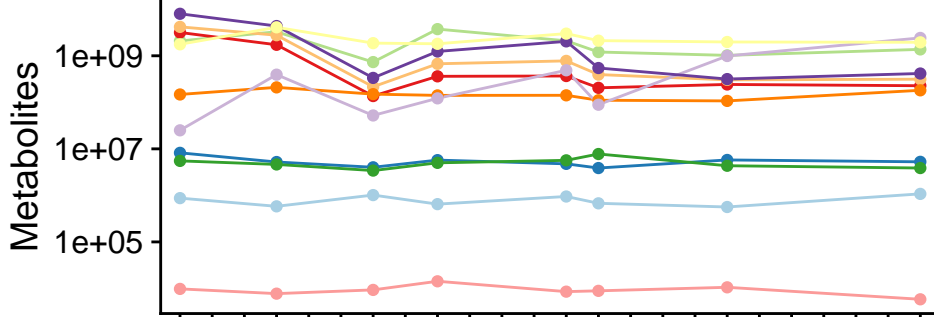
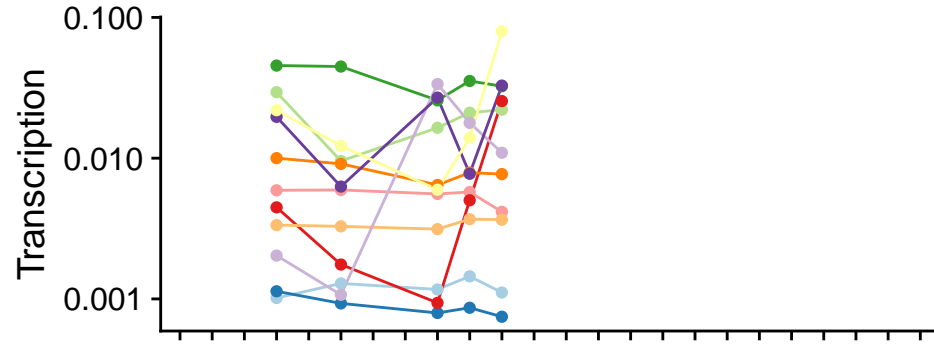
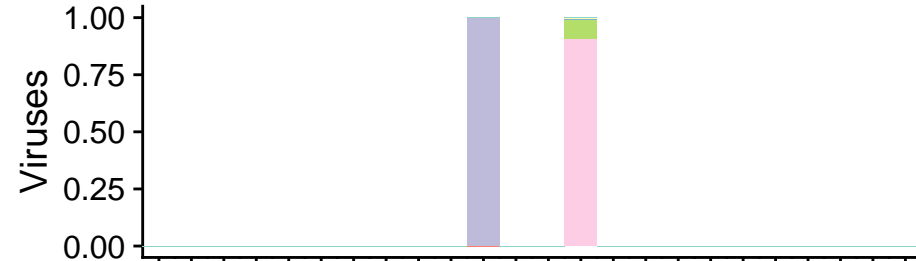
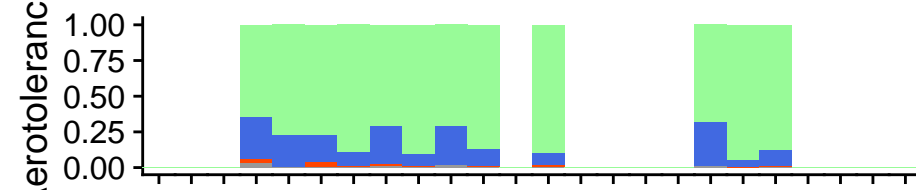
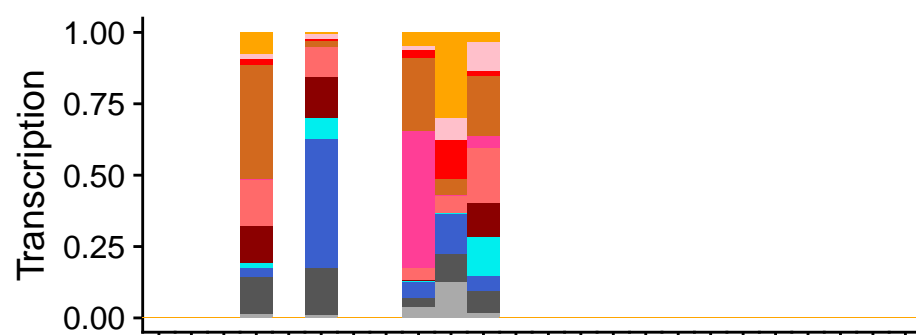
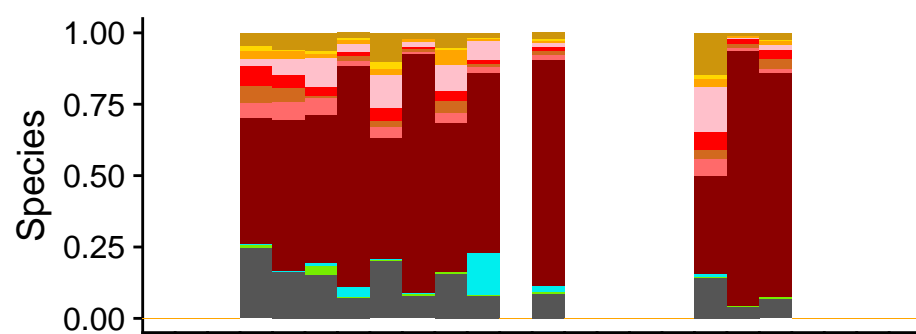
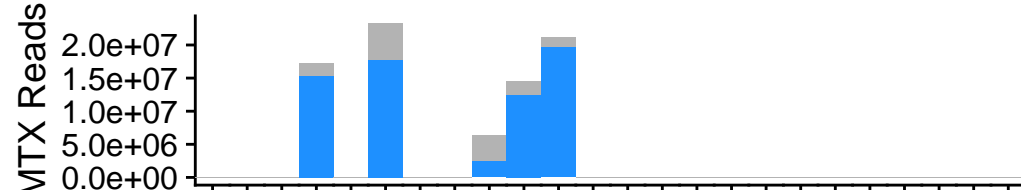
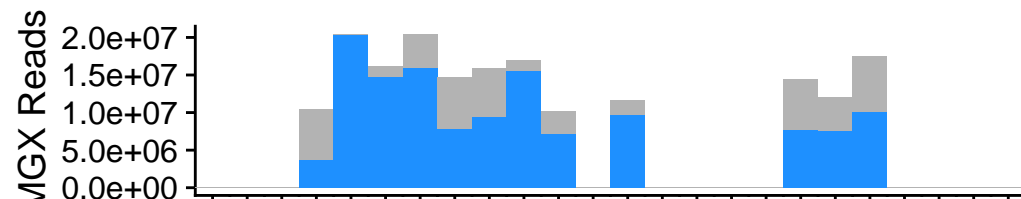
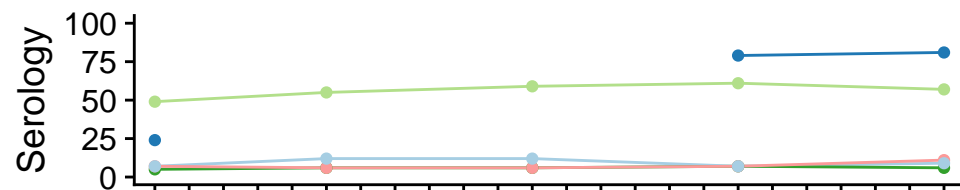
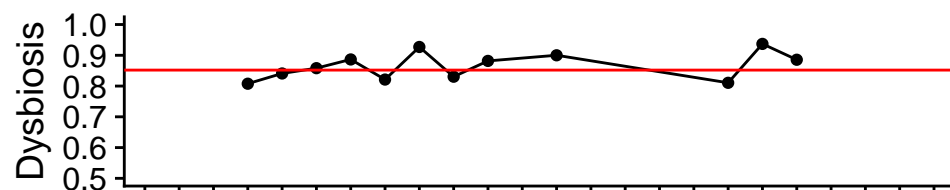
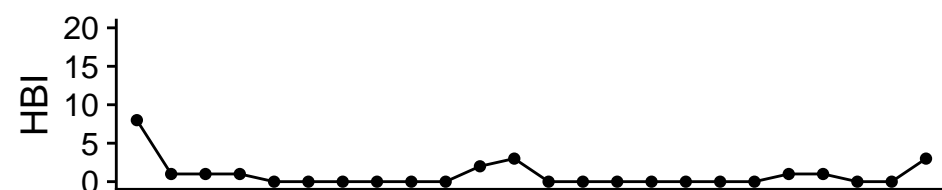
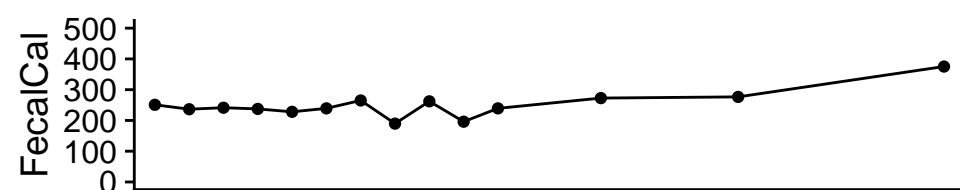
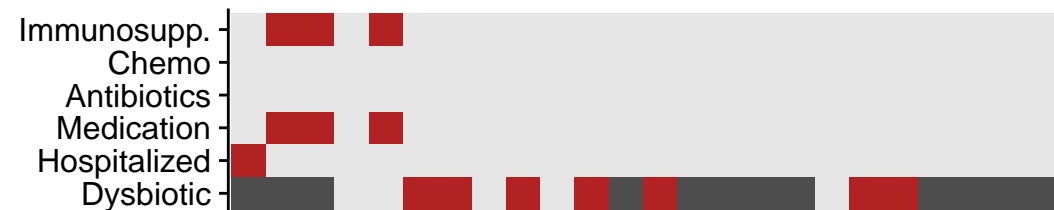
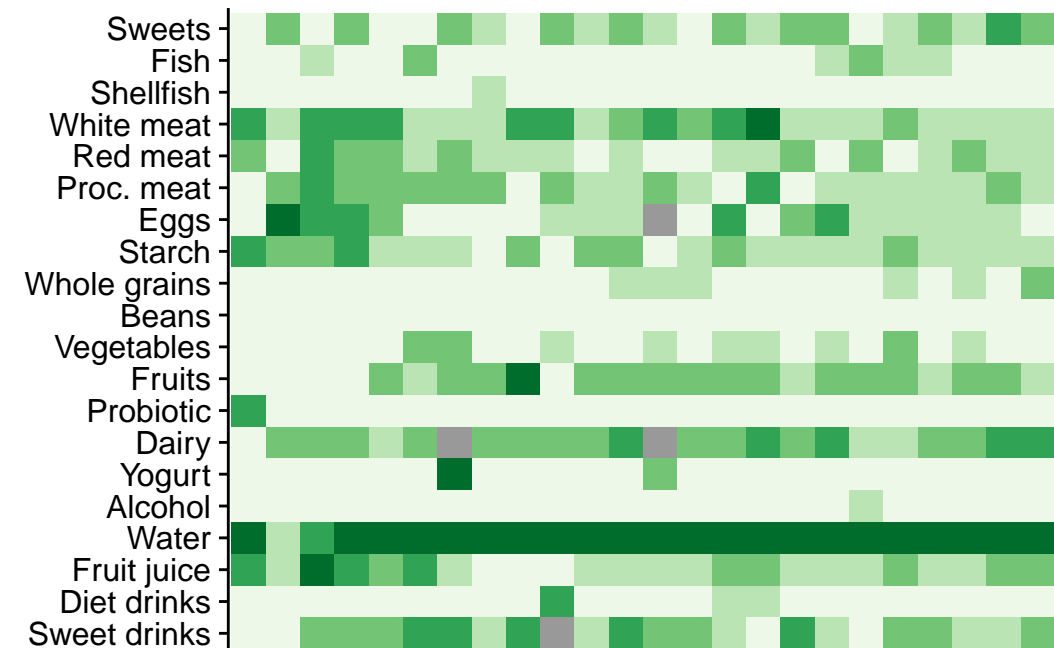
E5022: 15 Male Black or African American Emory | UC



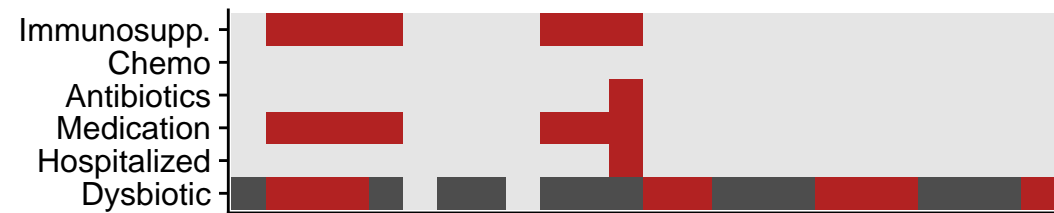
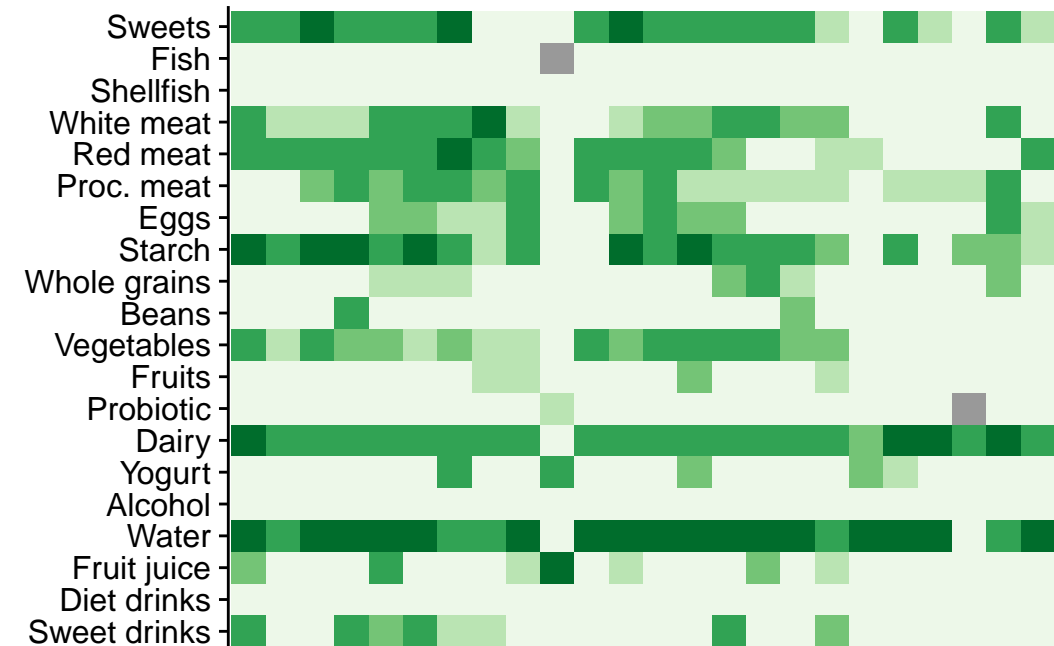
E5023: NA Female White Emory | CD



H4001: 14 Male White Cincinnati | CD L3+L4

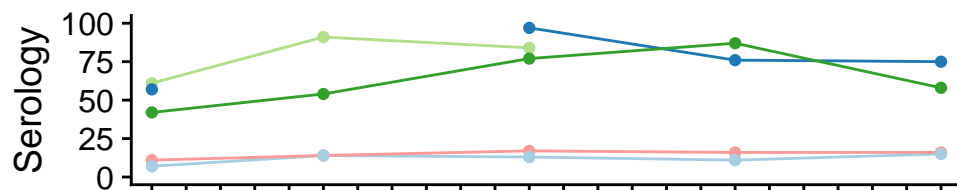
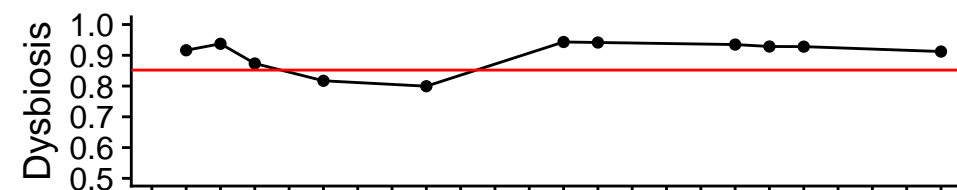
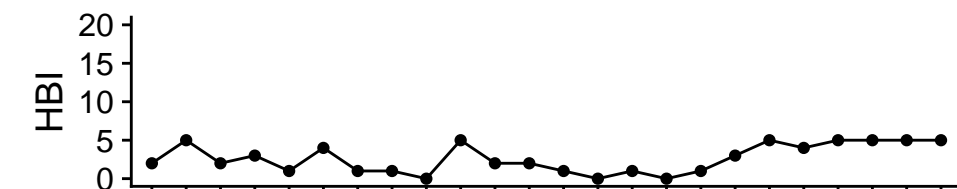
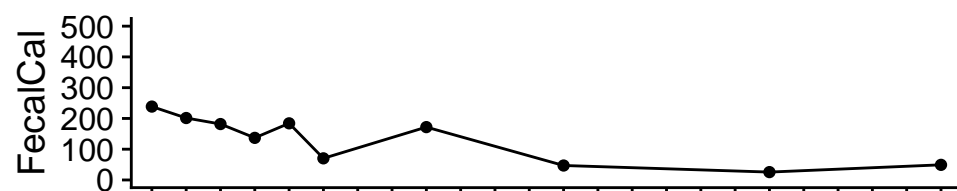


H4004: 14 Male White Cincinnati | CD L3

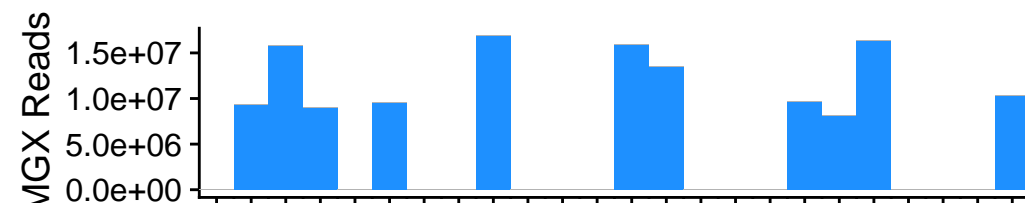


Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

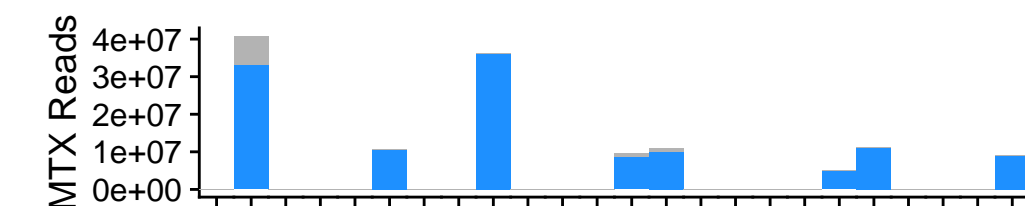
Blank
No
Yes



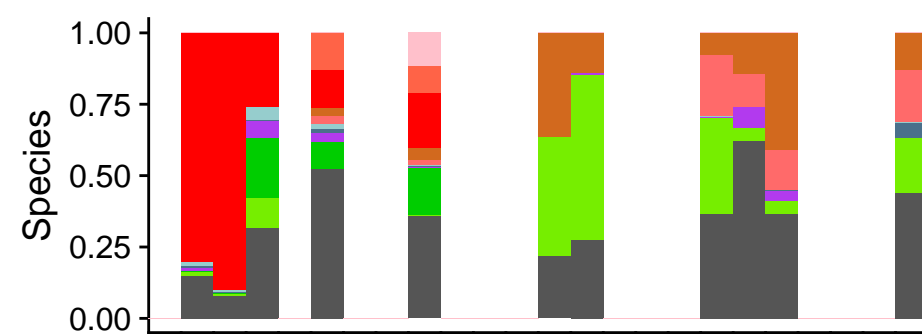
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



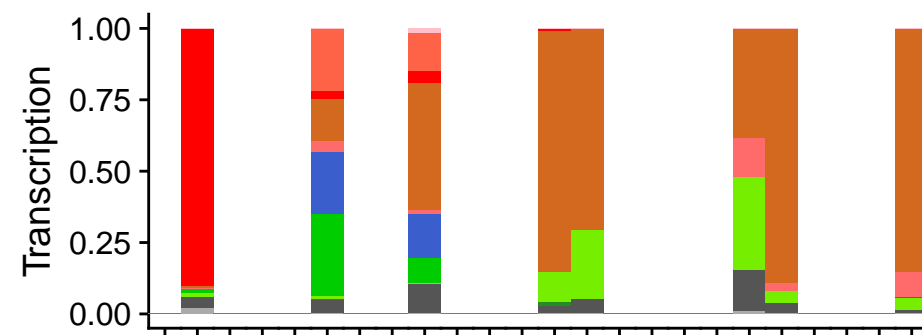
Human Reads
Filtered Reads



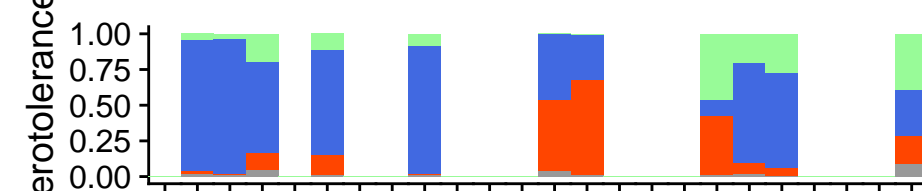
Human Reads
Filtered Reads



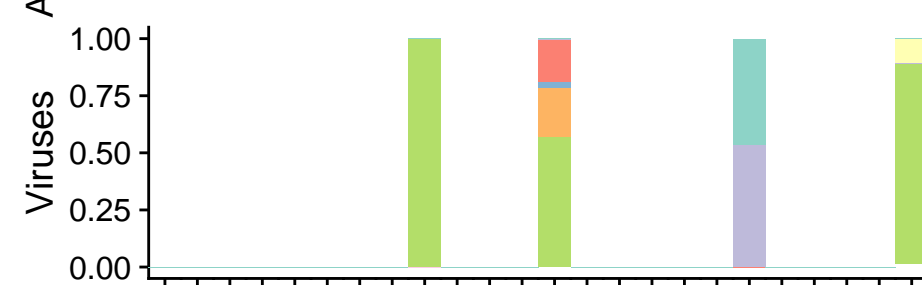
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Subdoligranulum unclassified
Roseburia inulinivorans
Ruminococcus torques
Akkermansia muciniphila
Escherichia coli
other



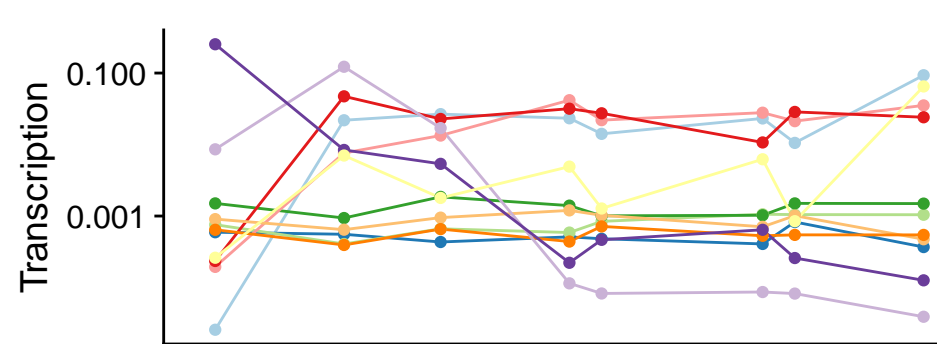
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
Akkermansia muciniphila
Escherichia coli
Haemophilus parainfluenzae
other
unclassified



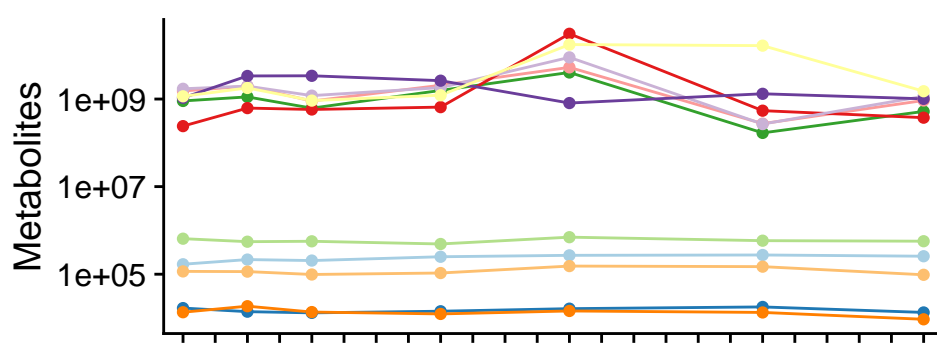
obligate anaerobe
aerotolerant
facultative anaerobe
unknown



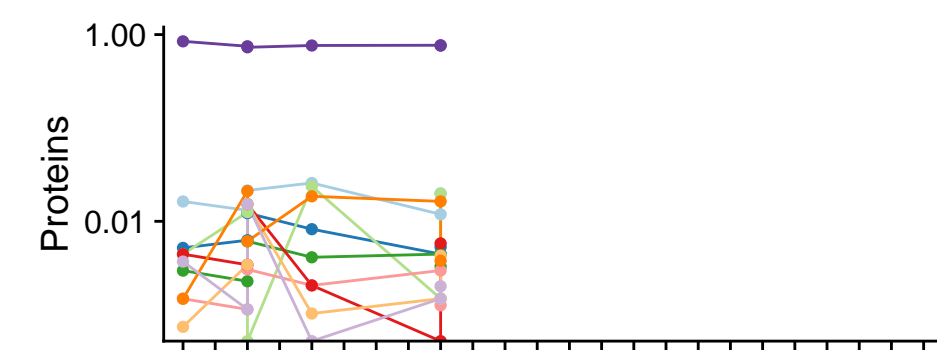
Pseudomonas phage phiIBB-PF7A
T7virus
Pseudomonas phage PPpW-4
Cronobacter virus ESP29491
Enterobacteria phage vB EcoS NBD2
Shigella phage pSf-1
unclassified Siphoviridae
other
NA



K01689: enolase [EC:4.2.1.11]
K01812: glucuronate isomerase [EC:5.3.1.12]
K01876: aspartyl-tRNA synthetase [EC:6.1.1...]
K01893: asparaginyl-tRNA synthetase [EC:6...]
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03797: carboxyl-terminal processing protea...
K03977: GTP-binding protein
K04069: pyruvate formate lyase activating en...
K11065: thiol peroxidase, atypical 2-Cys per...
K13993: HSP20 family protein

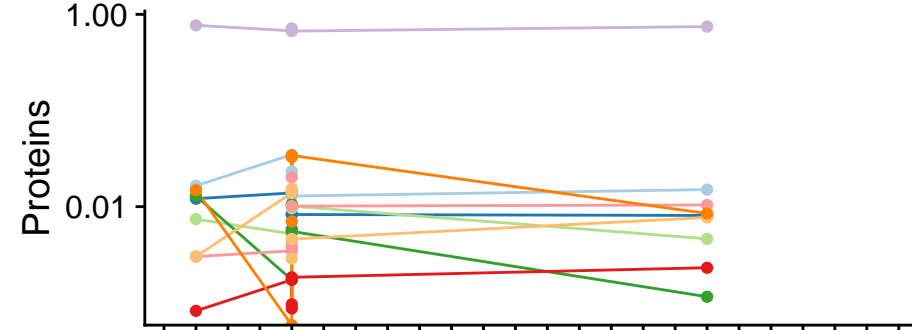
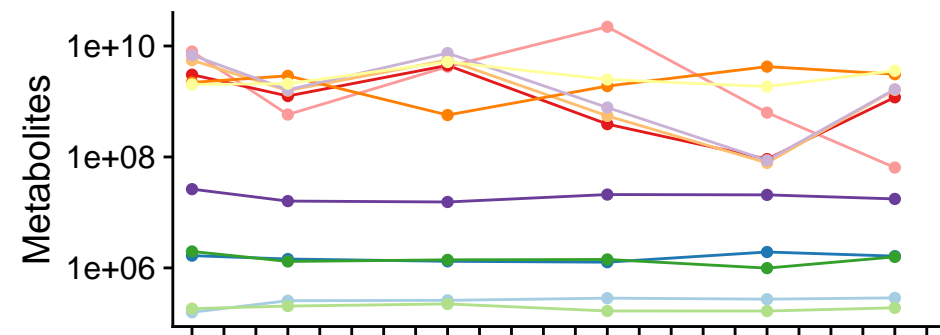
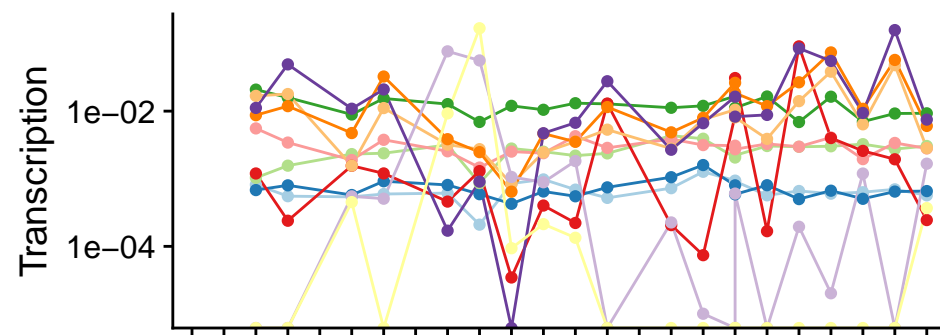
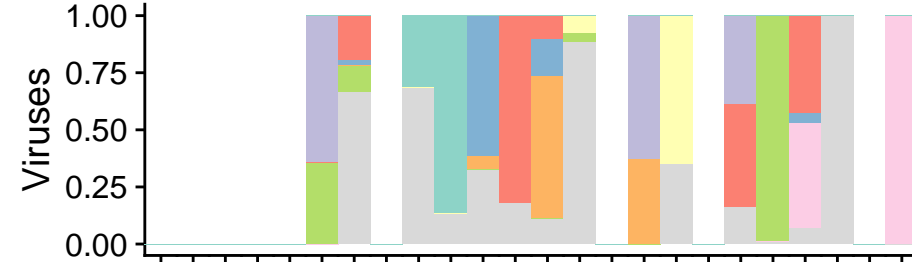
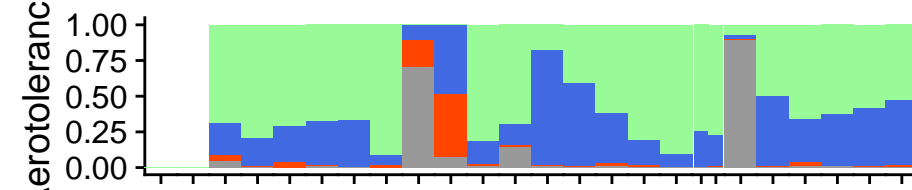
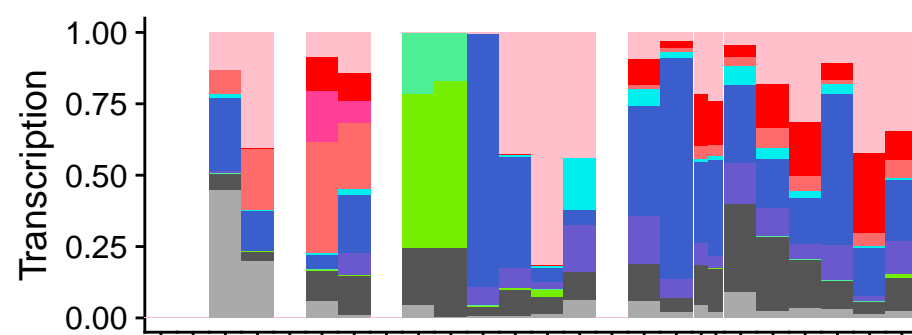
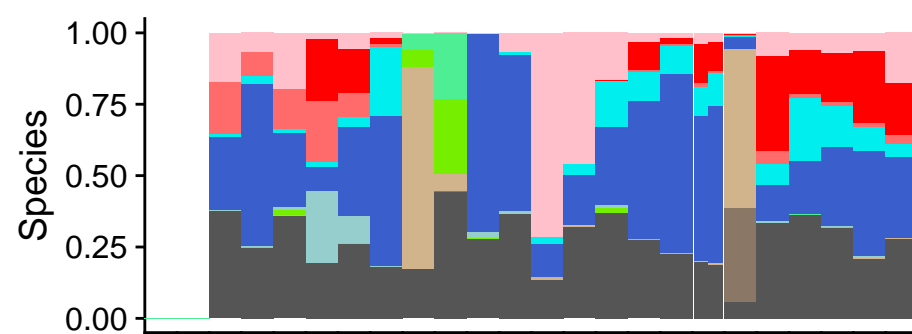
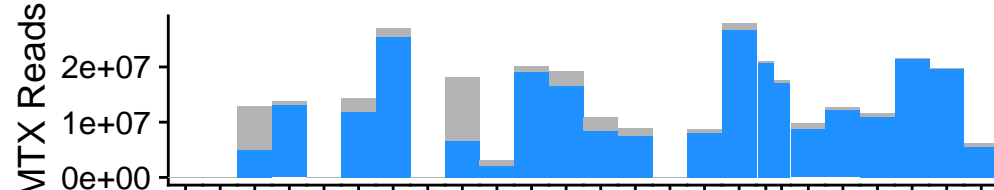
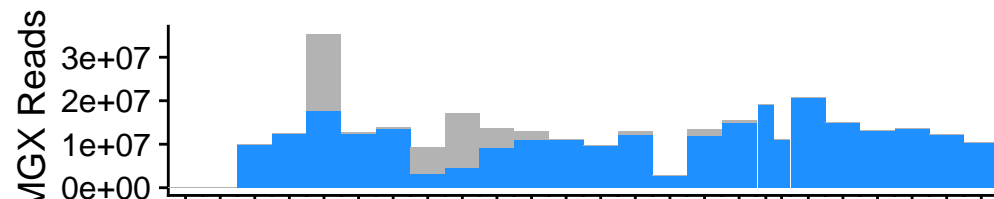
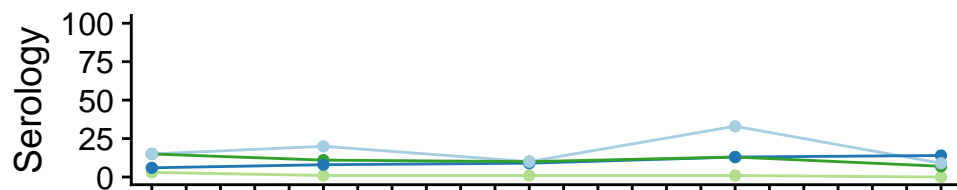
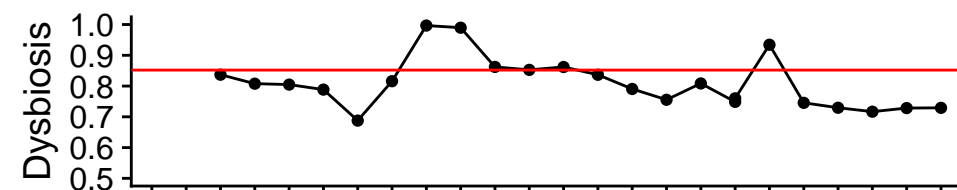
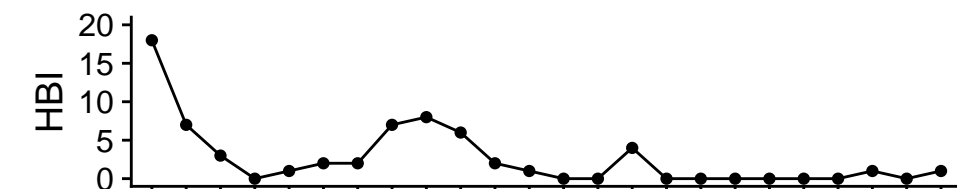
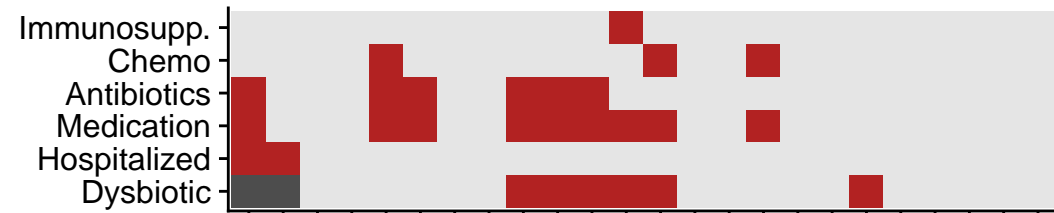
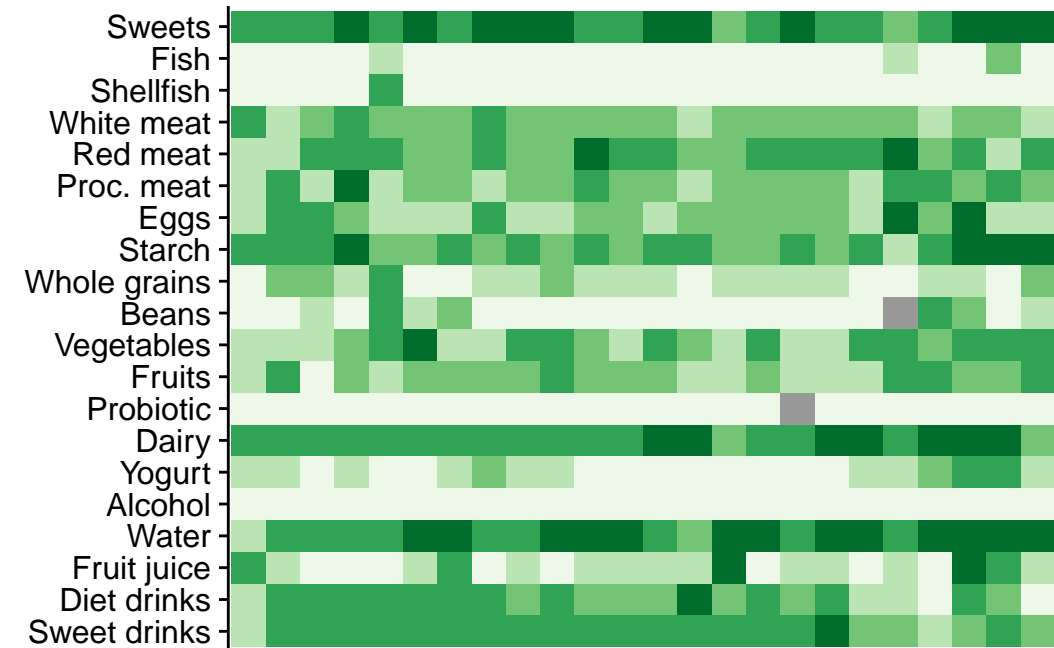


13-docosenoate
C53:3 TAG
C56:2 TAG
isoleucine
leucine
N-acetylhistamine
NH4_C51:0 TAG
NH4_C51:1 TAG
phenylalanine
sphingosine C
valine



K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02867: large subunit ribosomal protein L11
K02994: small subunit ribosomal protein S8
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
K10439: ribose transport system substrate-b...
UNGROUPED

H4006: 8 Male White Cincinnati | CD L2+L4



Bacteroides fragilis
Bacteroides uniformis
Parabacteroides distasonis
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Bifidobacterium breve
Escherichia coli
C2likevirus unclassified
Lactococcus phage P680
other

Bacteroides fragilis
Bacteroides uniformis
Bacteroides xylanisolvens
Parabacteroides distasonis
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Bifidobacterium breve
Escherichia coli
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

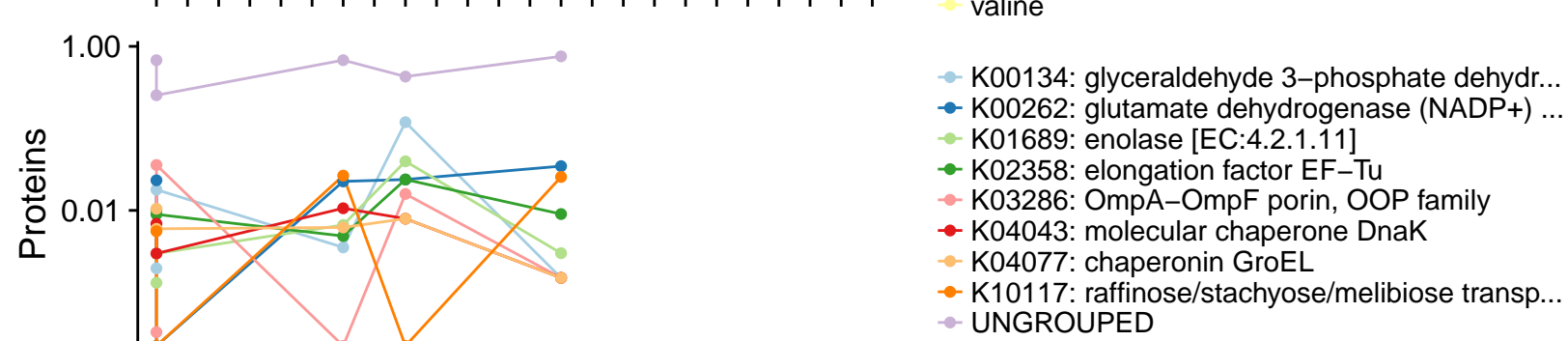
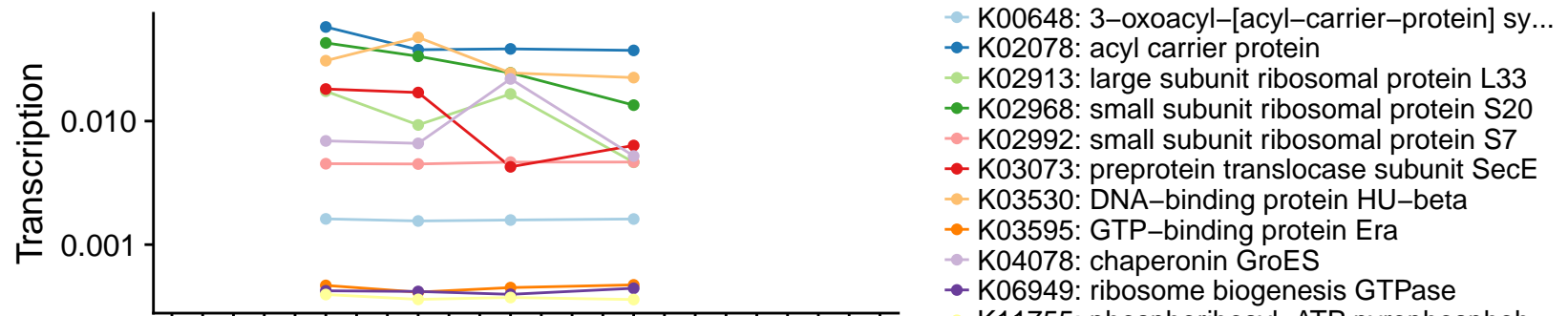
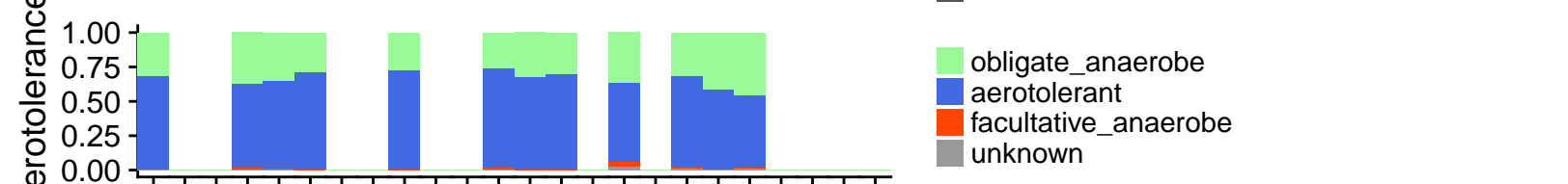
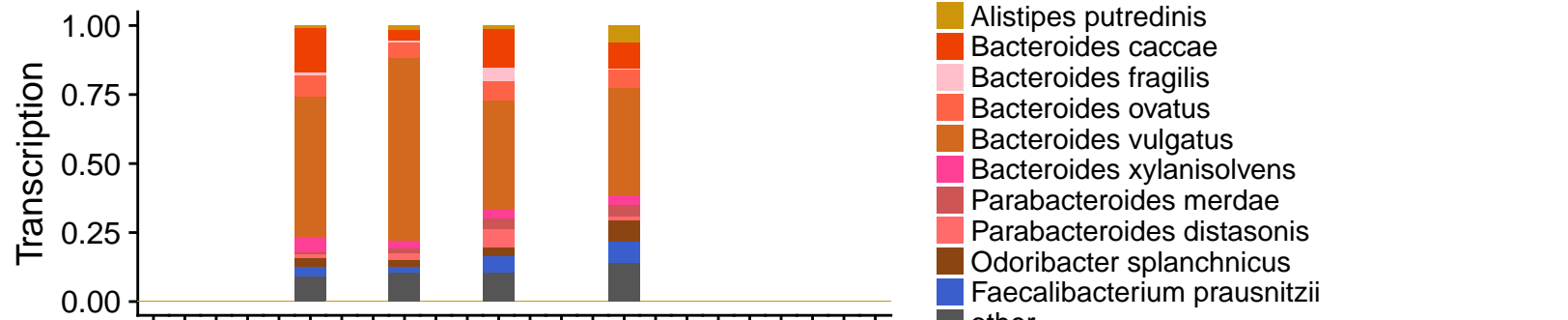
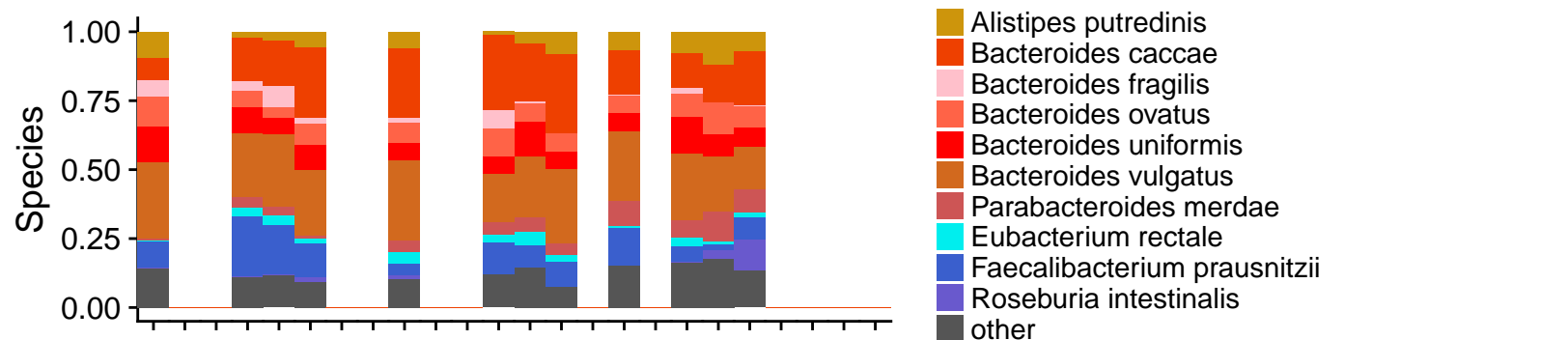
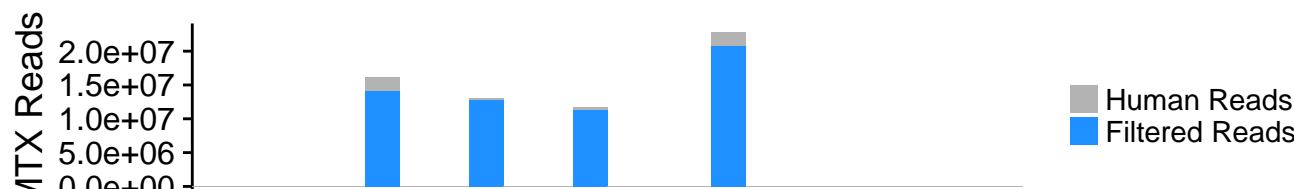
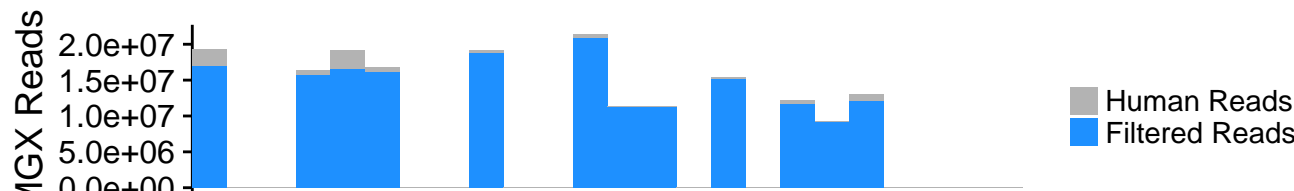
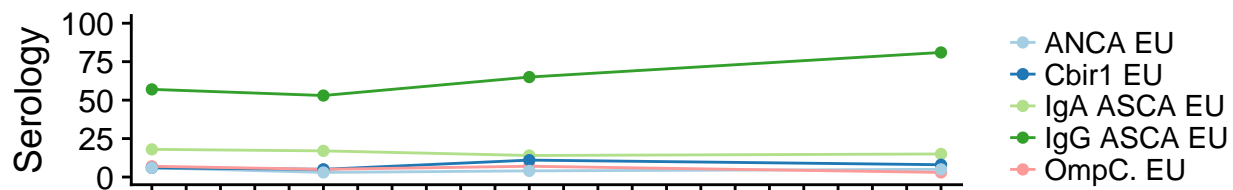
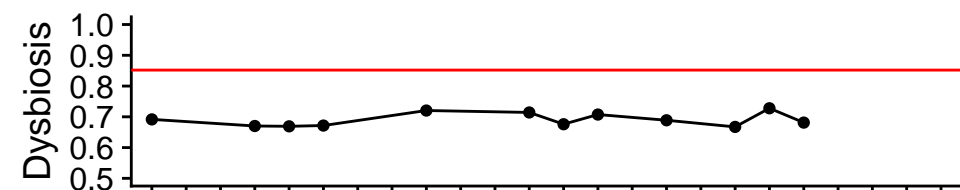
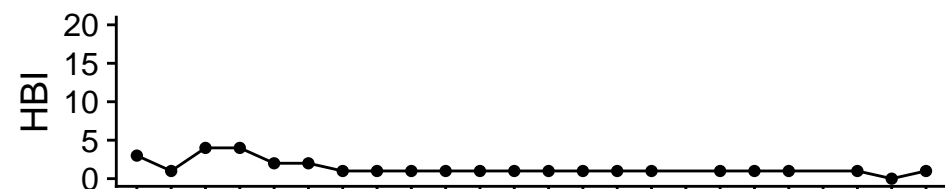
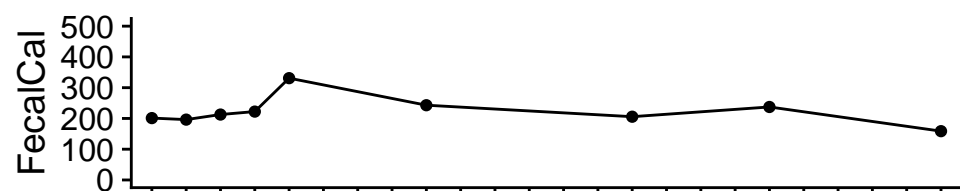
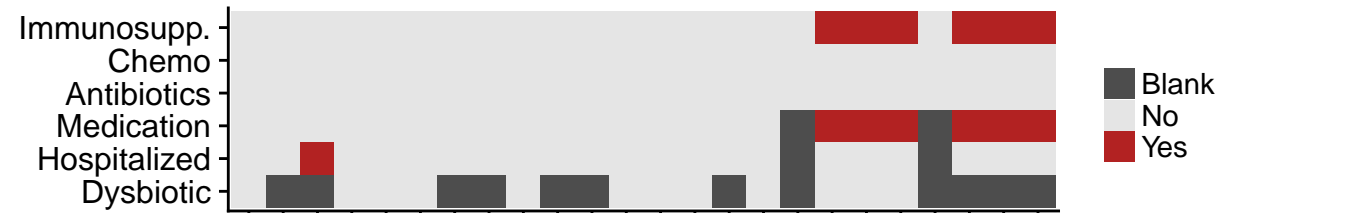
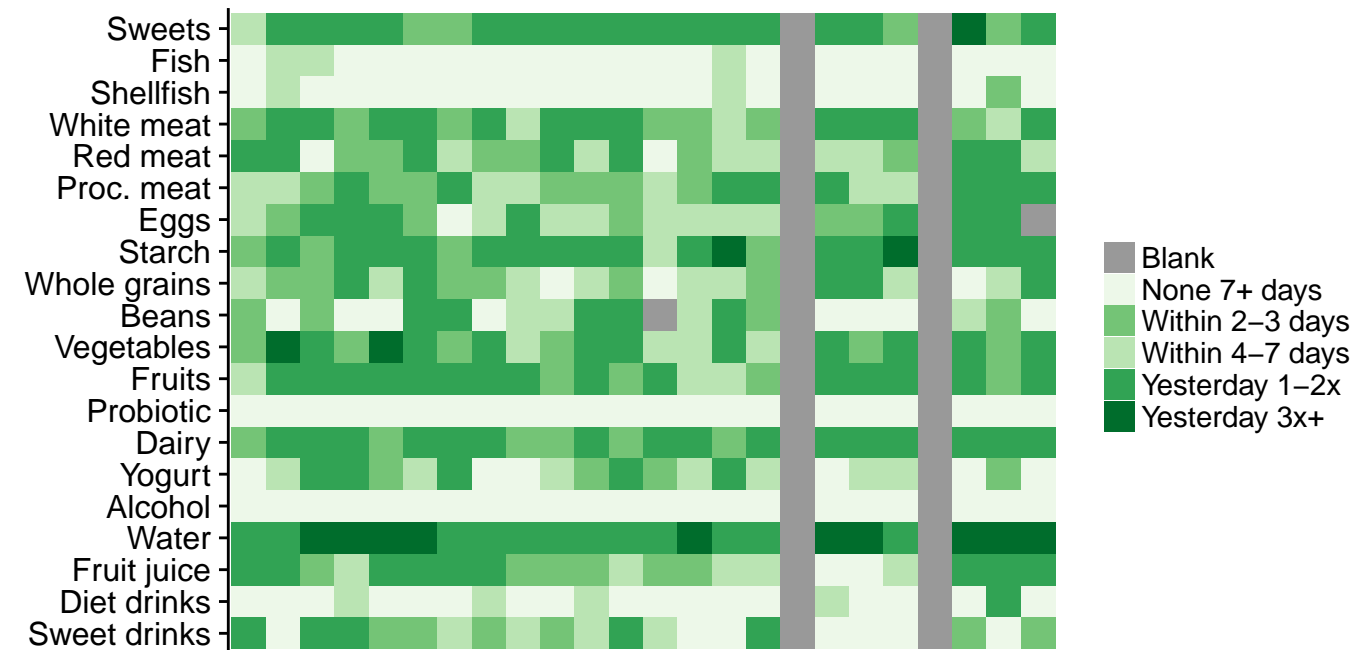
Enterococcus phage EFDG1
Lactococcus phage bIBB29
Sk1virus
unclassified Siphoviridae
Chicken anemia virus
Gyrovirus GyV3
Tomato mosaic virus
Tomato mottle mosaic virus
other

K00928: aspartate kinase [EC:2.7.2.4]
K01876: aspartyl-tRNA synthetase [EC:6.1.1...]
K02111: F-type H+-transporting ATPase sub...
K02358: elongation factor EF-Tu
K02887: large subunit ribosomal protein L20
K04069: pyruvate formate lyase activating en...
K04077: chaperonin GroEL
K04078: chaperonin GroES
K06078: murein lipoprotein lipoprotein
K13993: HSP20 family protein
K18920: NO_NAME

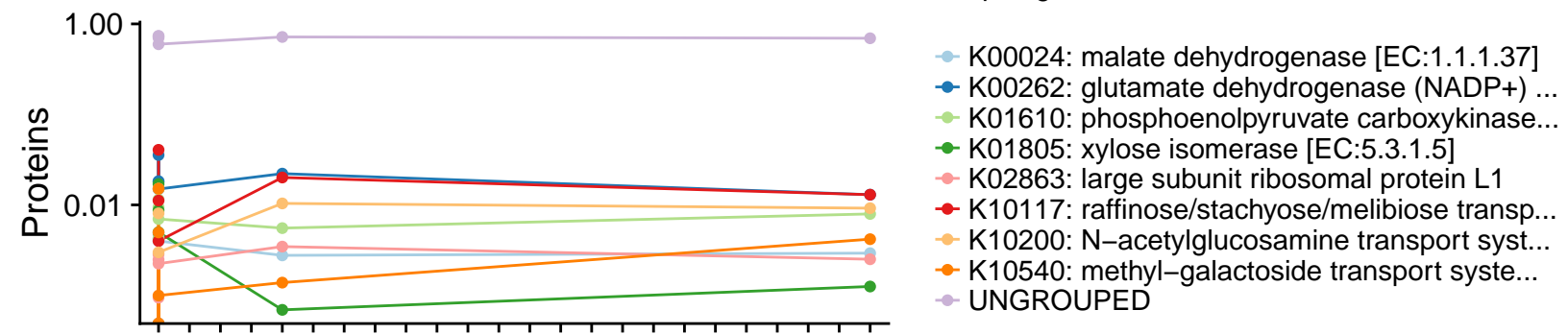
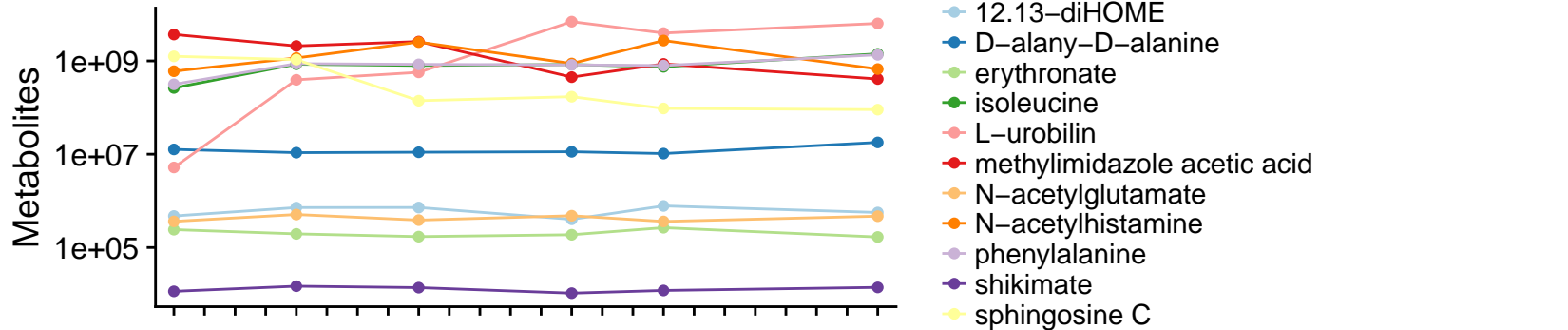
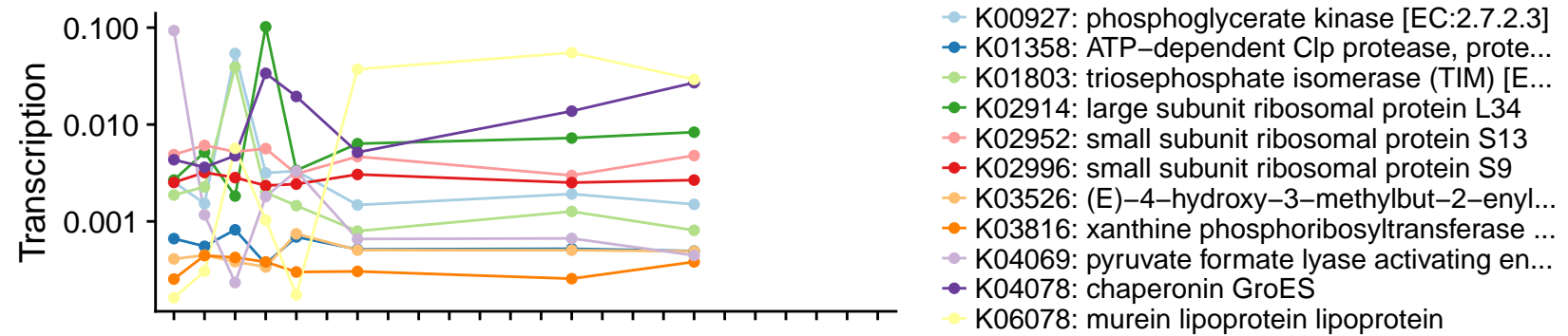
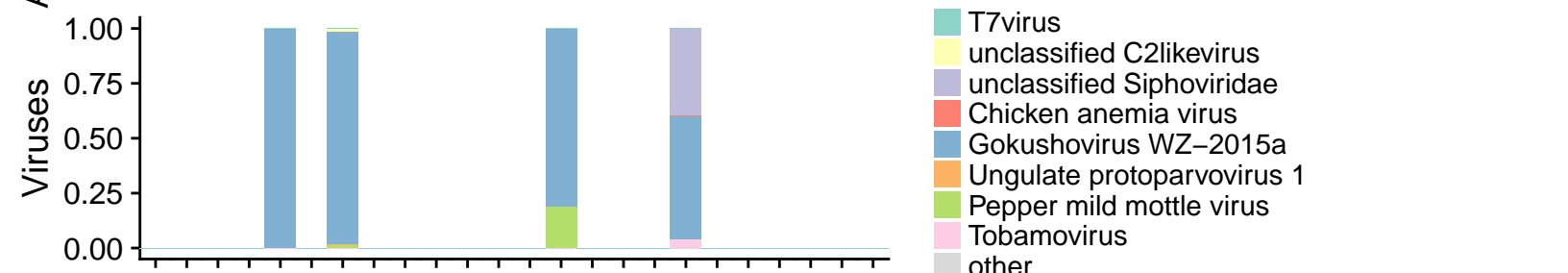
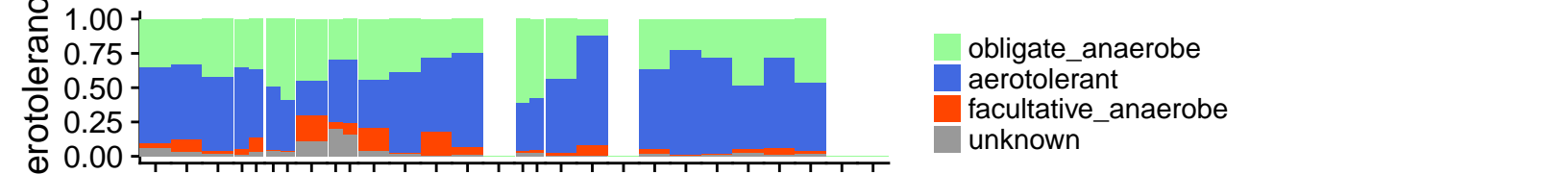
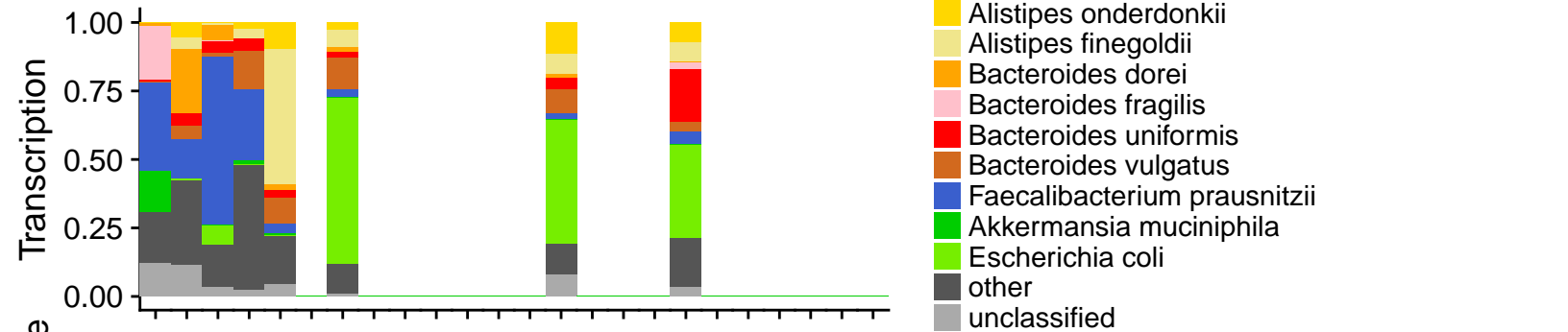
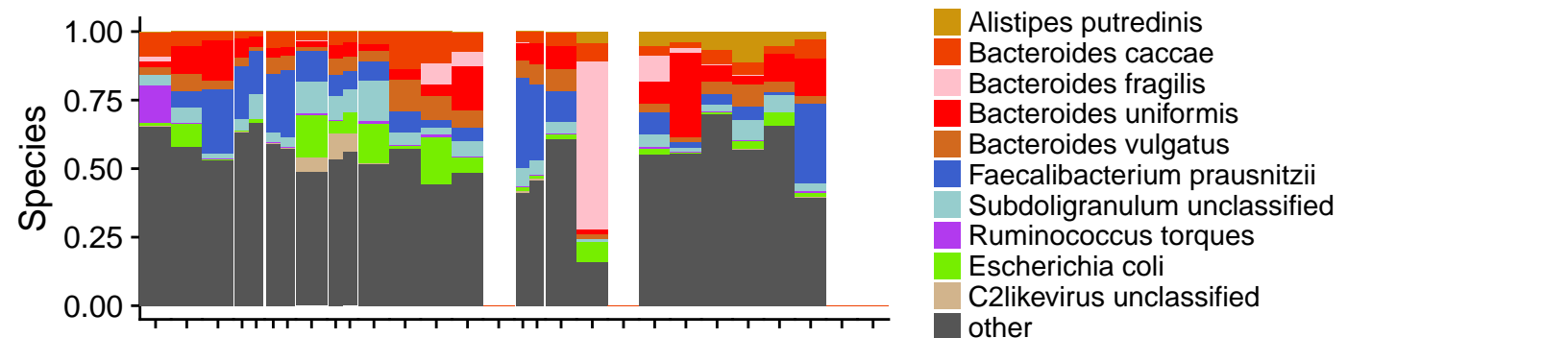
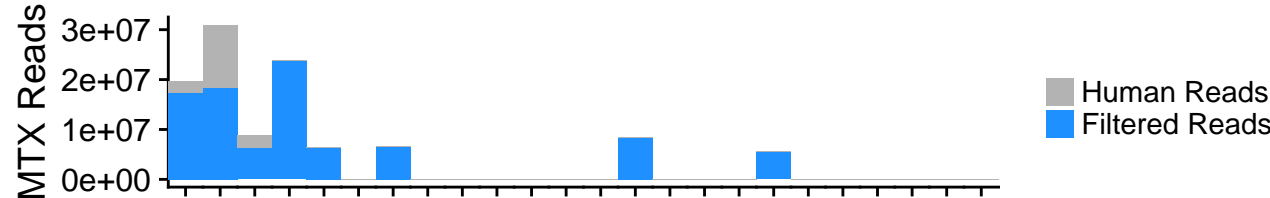
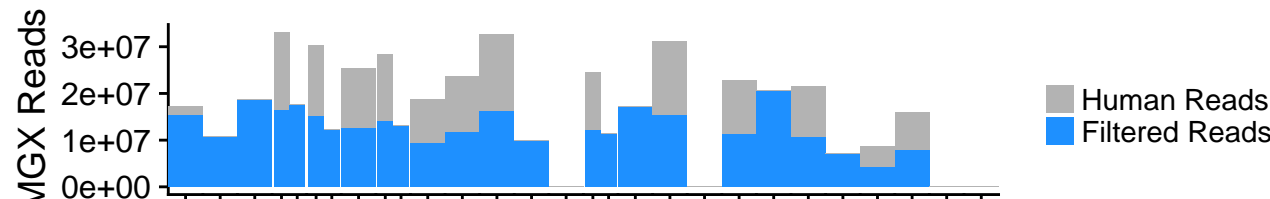
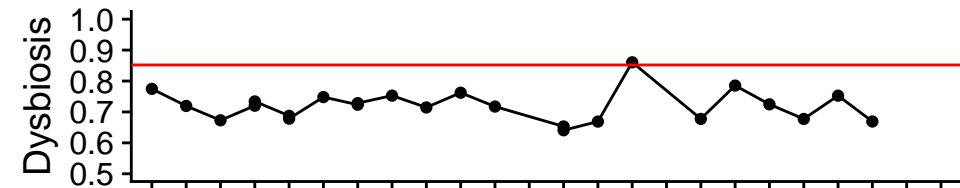
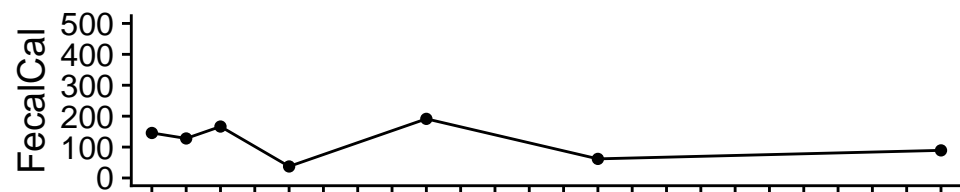
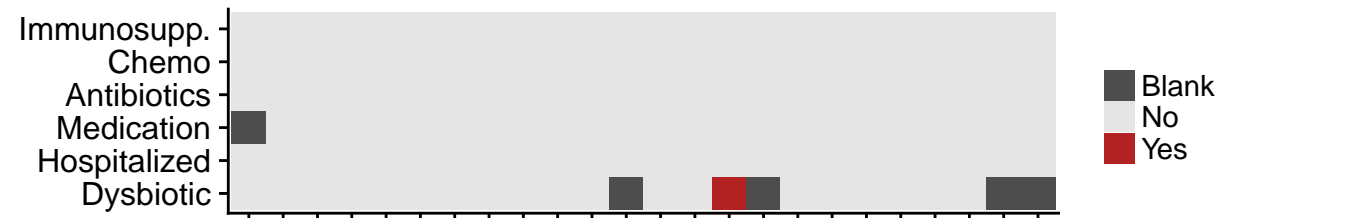
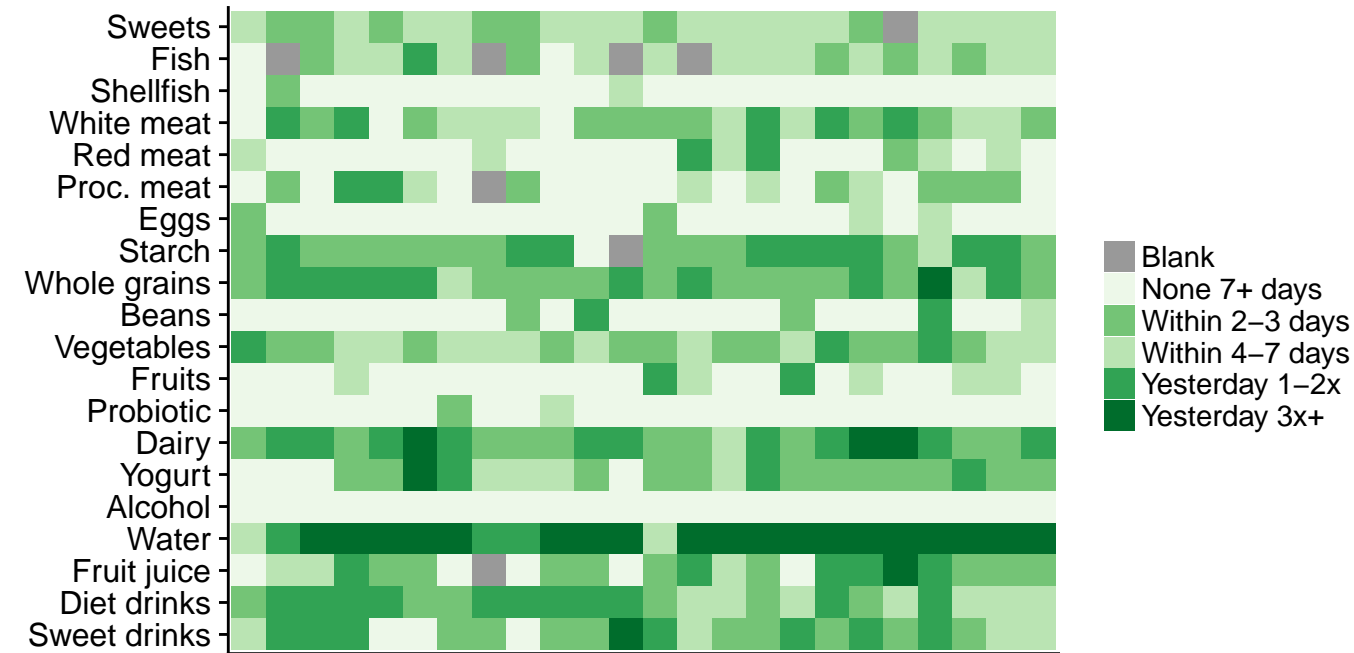
1,2,4-trimethylbenzene
4-pyridoxate
acetylalanine
azelate
C16:0 LPC_A
isoleucine
leucine
N1,N12-diacetylspermine
phenylalanine
pyridoxine
valine

K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01803: triosephosphate isomerase (TIM) [E...
K01805: xylose isomerase [EC:5.3.1.5]
K02358: elongation factor EF-Tu
K02992: small subunit ribosomal protein S7
K04043: molecular chaperone DnaK
K10117: raffinose/stachyose/melibiose transp...

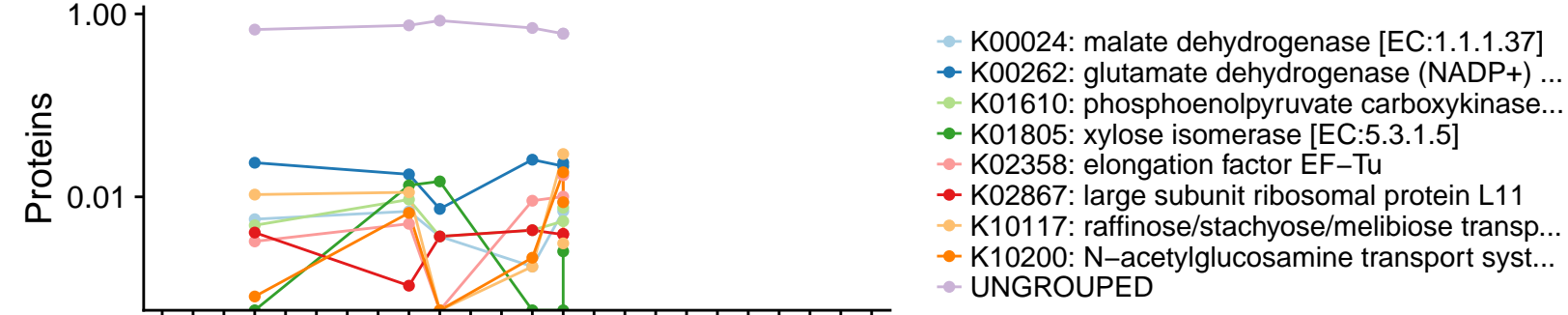
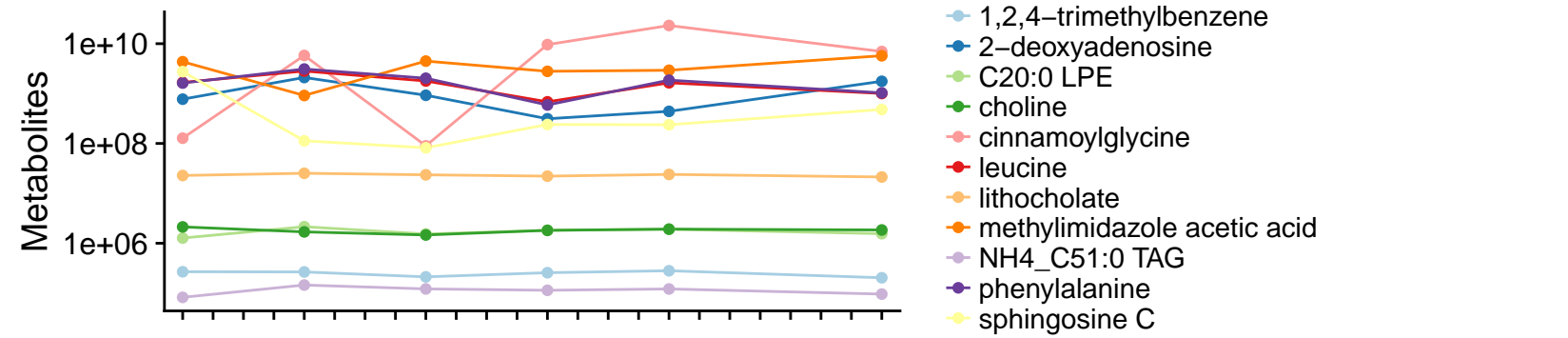
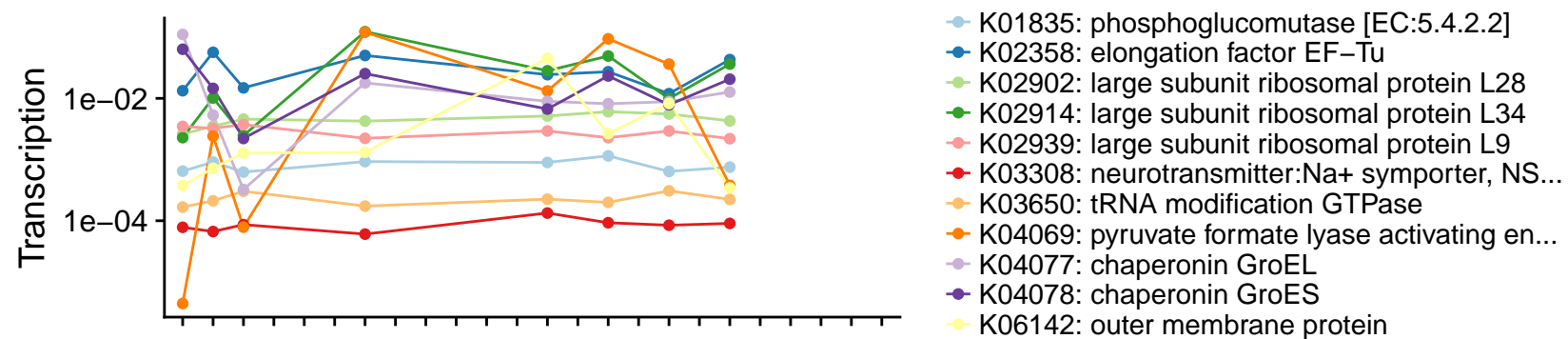
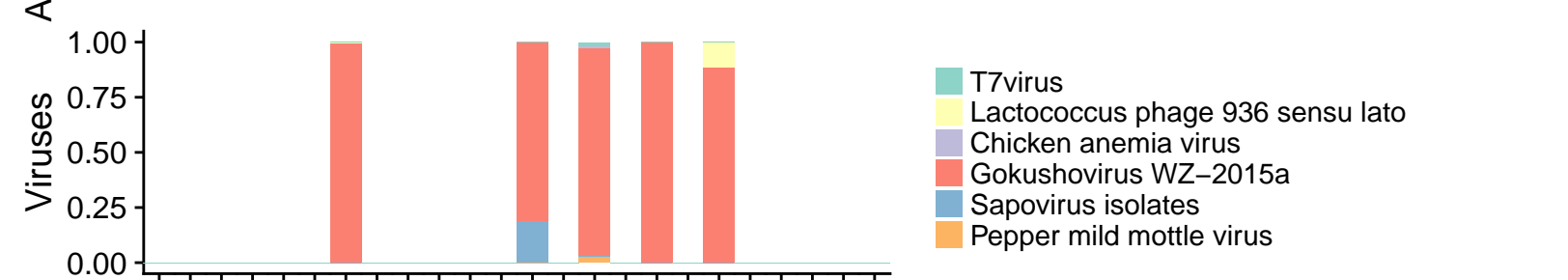
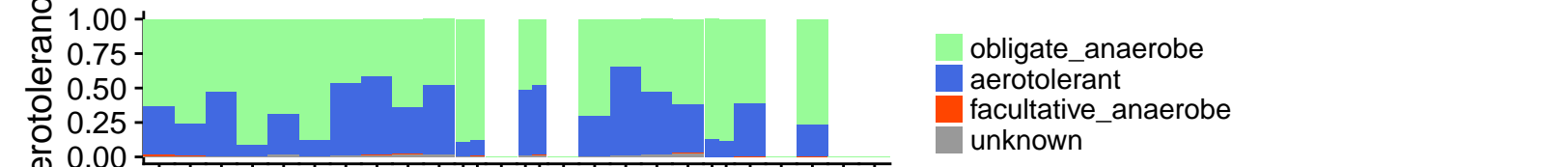
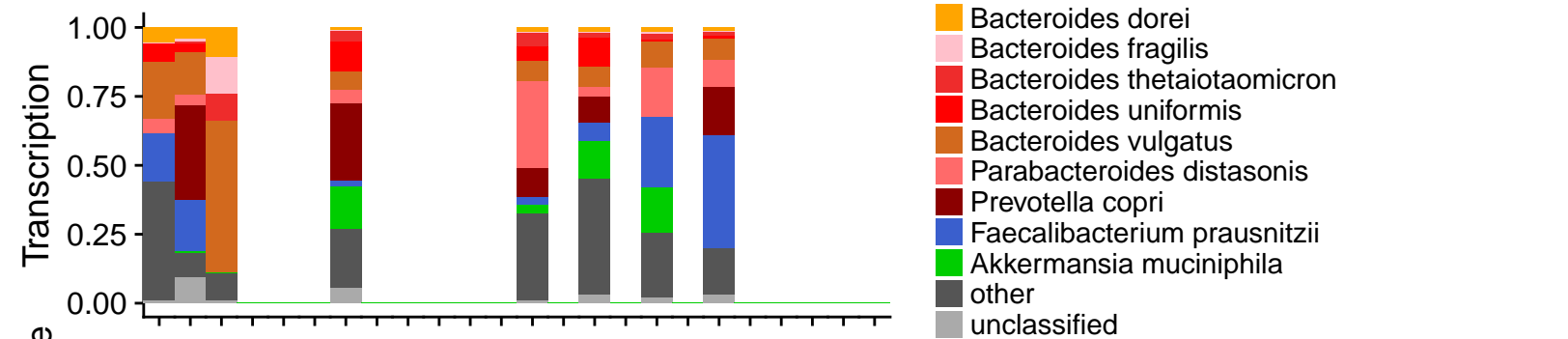
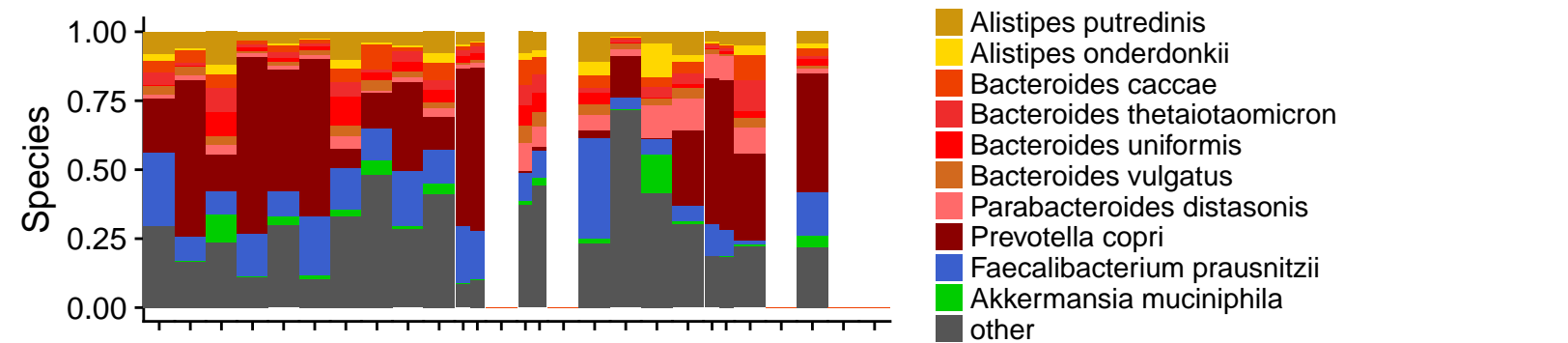
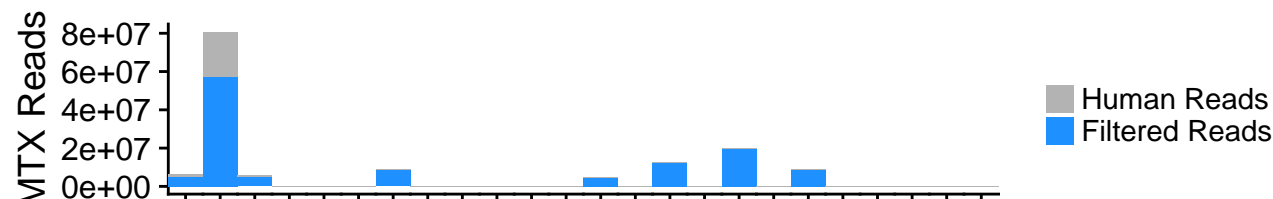
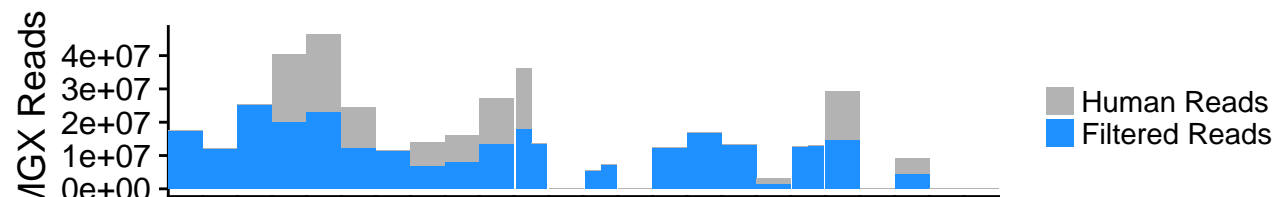
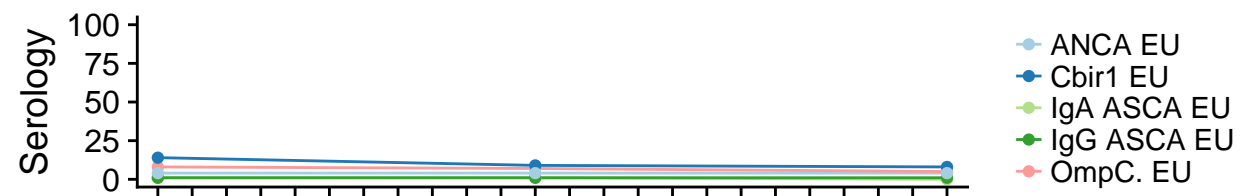
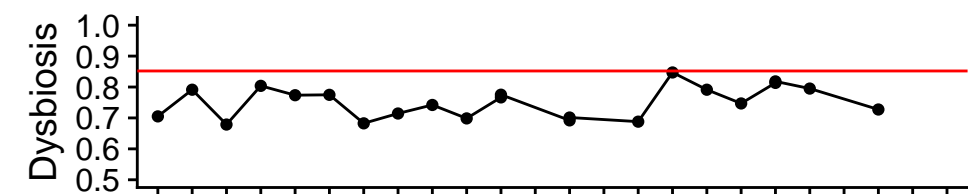
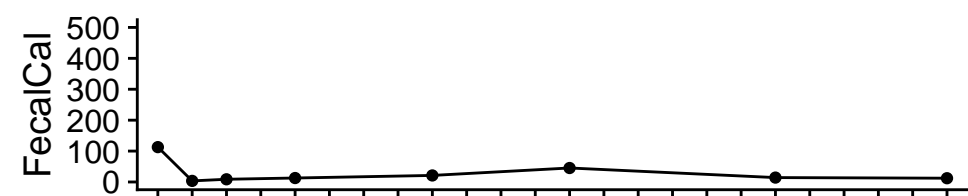
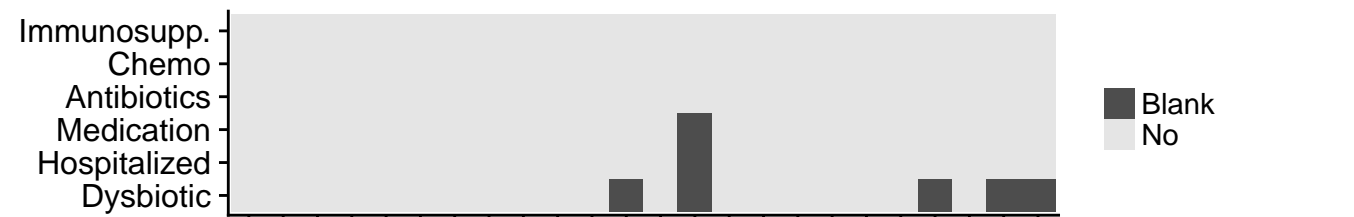
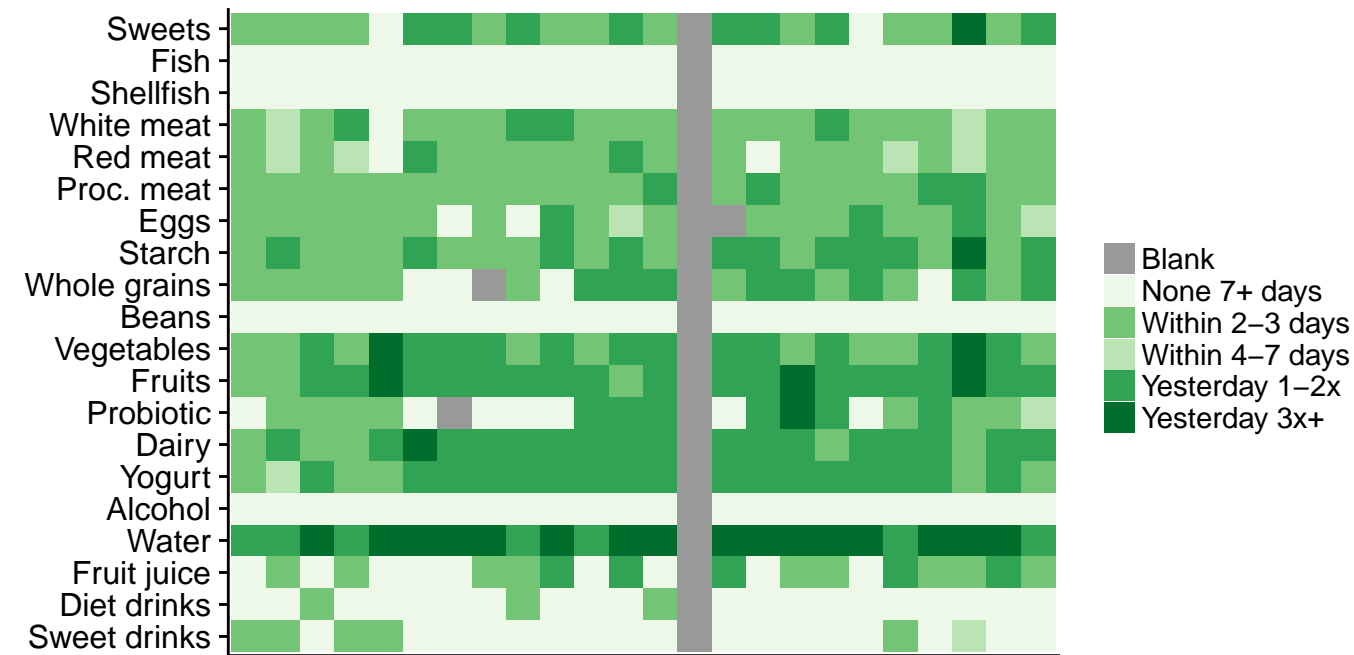
H4007: 15 Female White Cincinnati | CD L3+L4



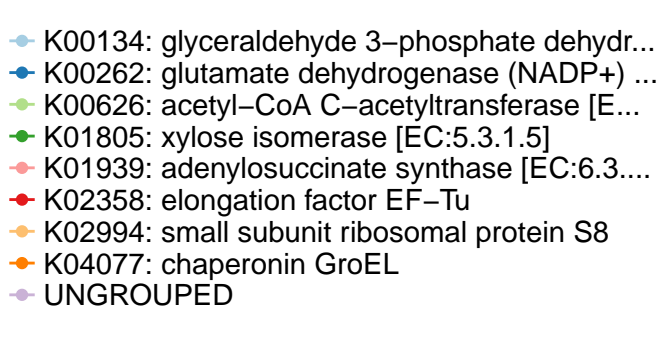
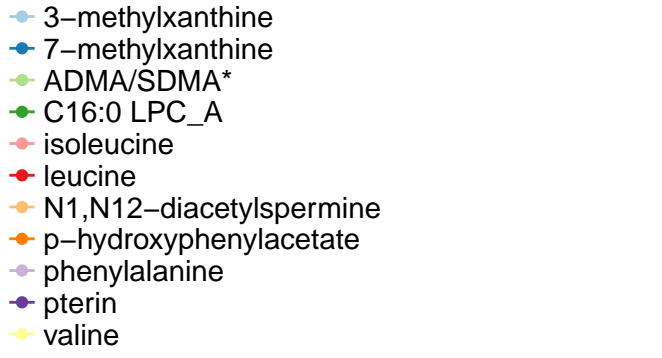
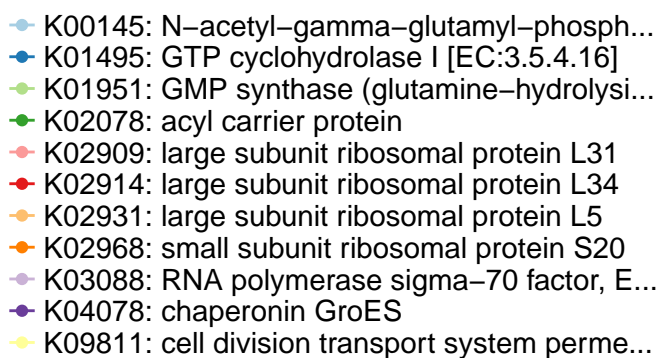
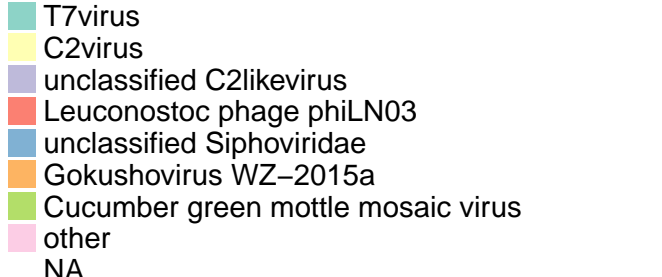
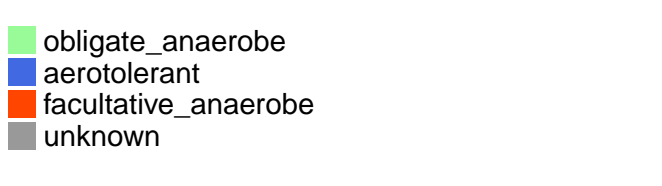
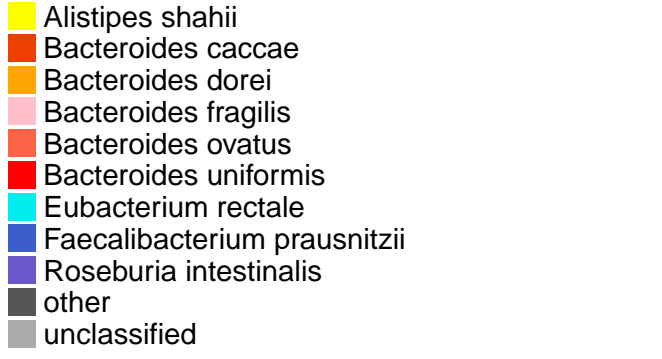
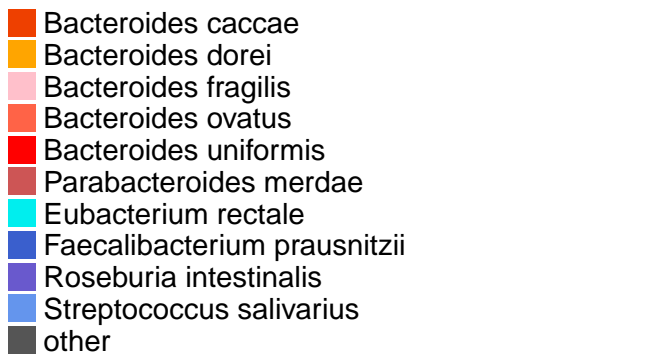
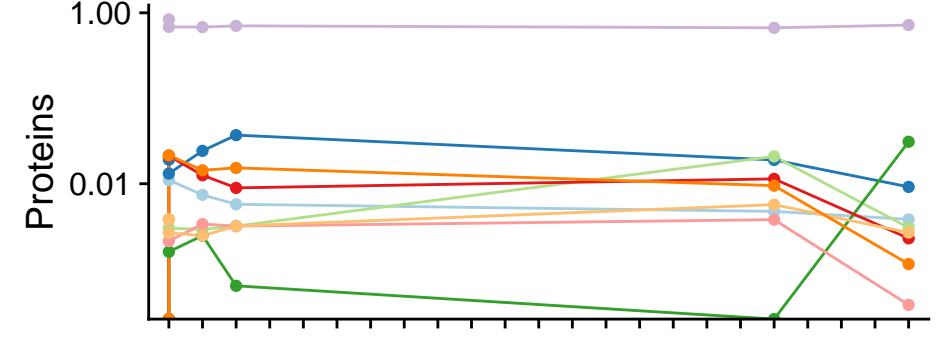
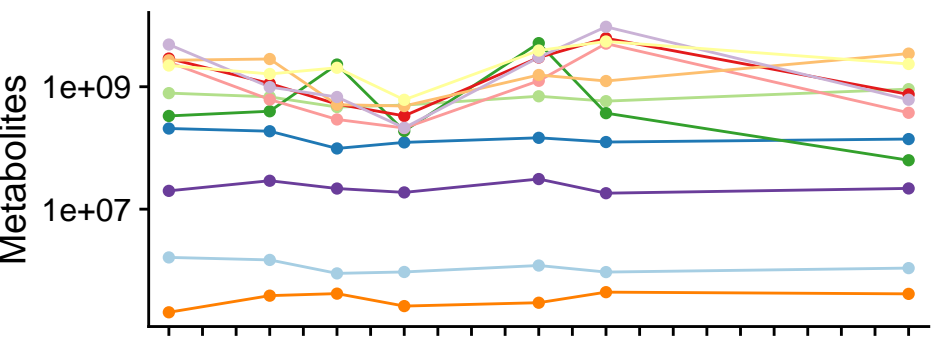
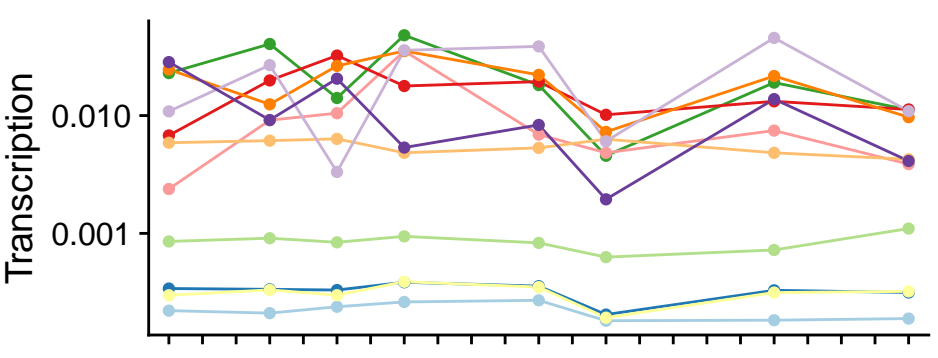
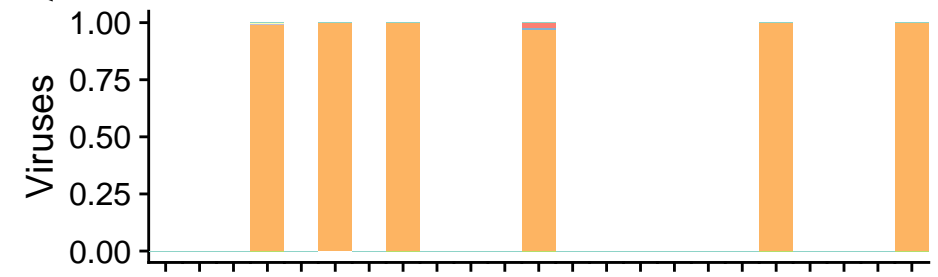
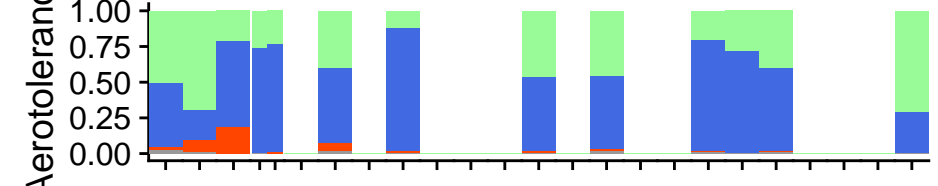
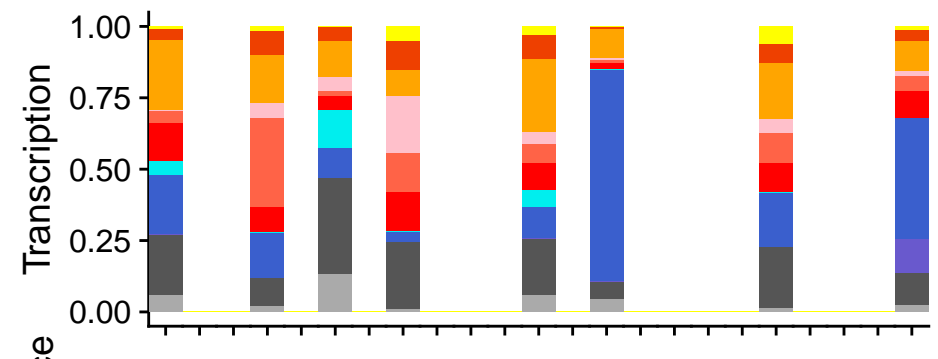
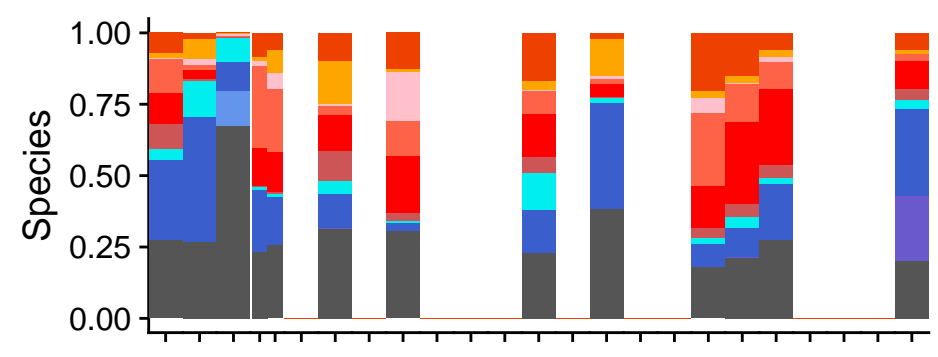
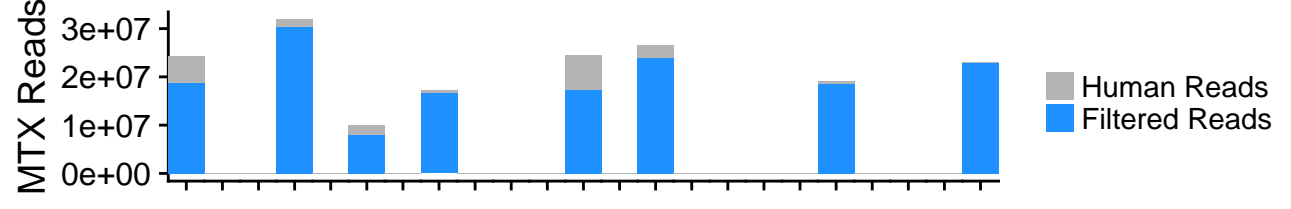
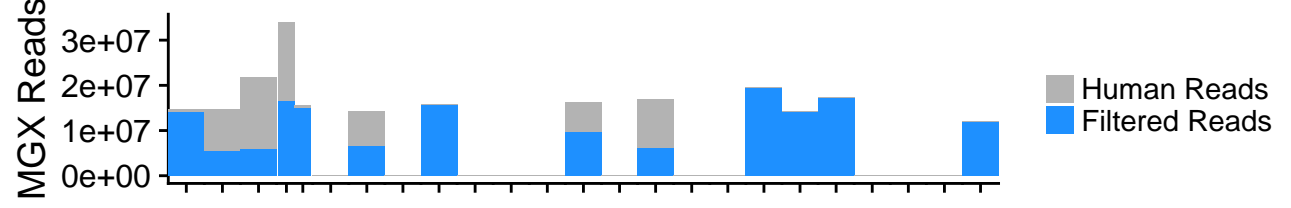
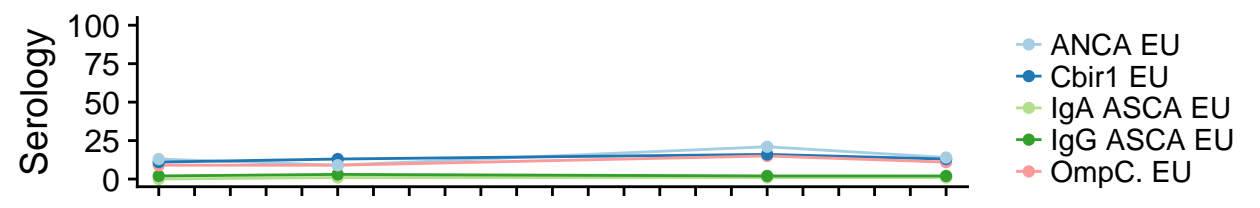
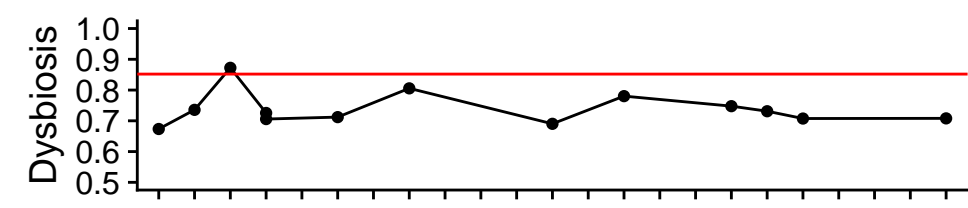
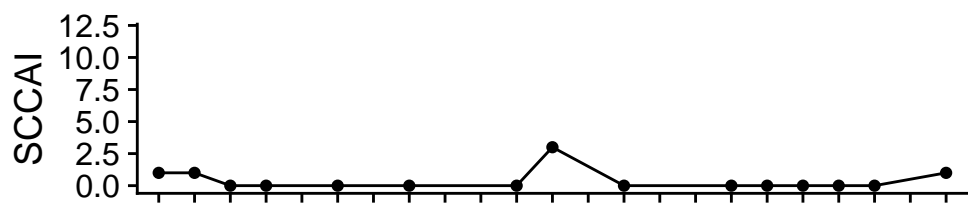
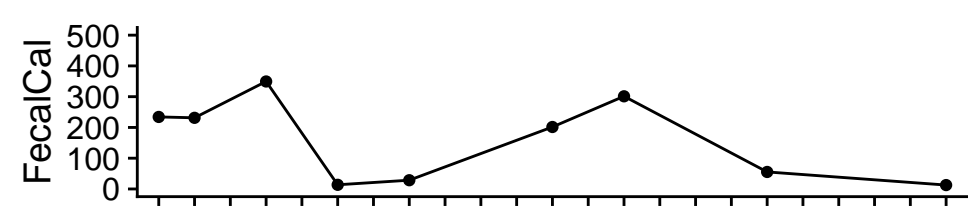
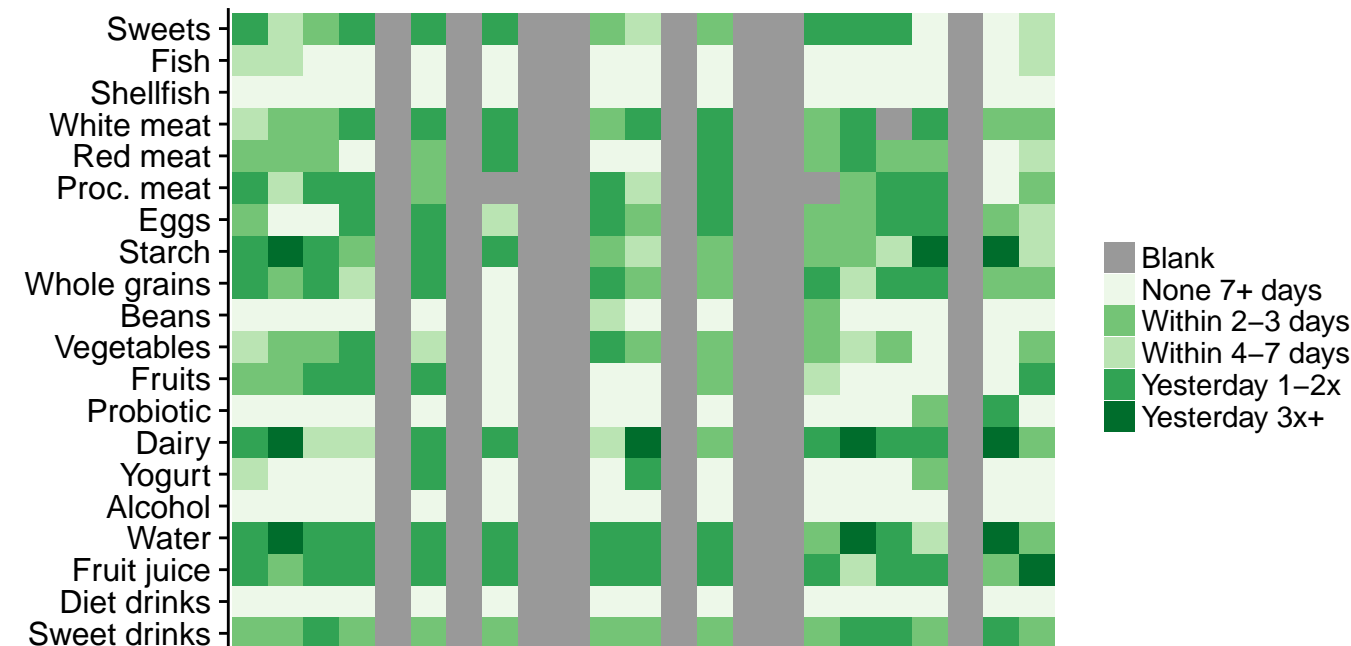
H4008: 13 Female White Cincinnati | nonIBD



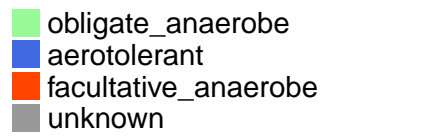
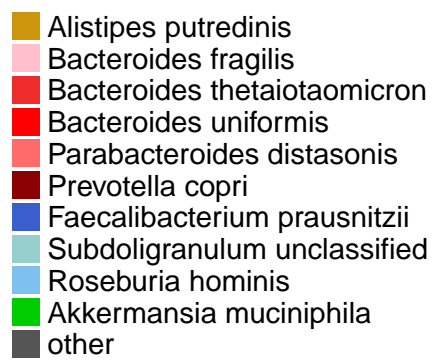
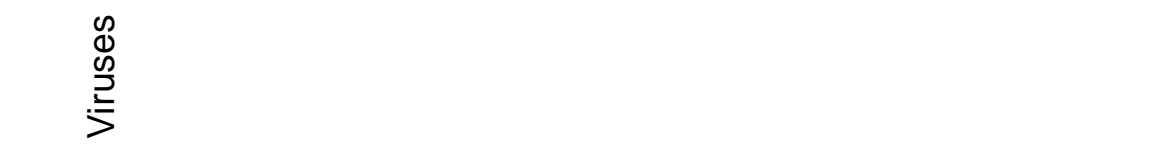
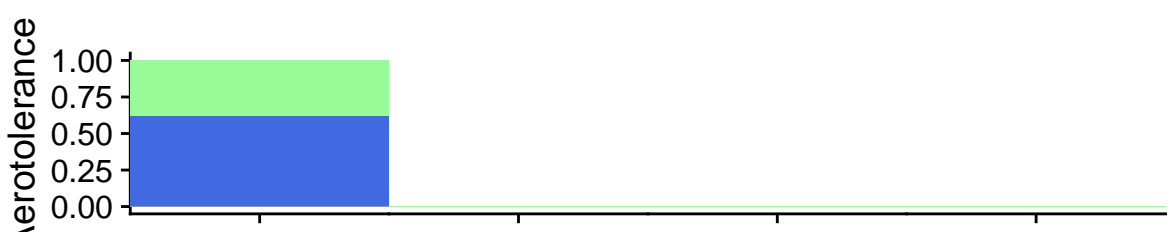
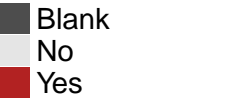
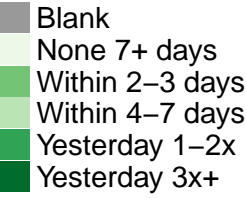
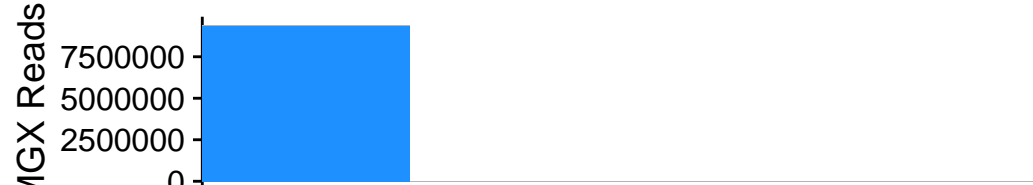
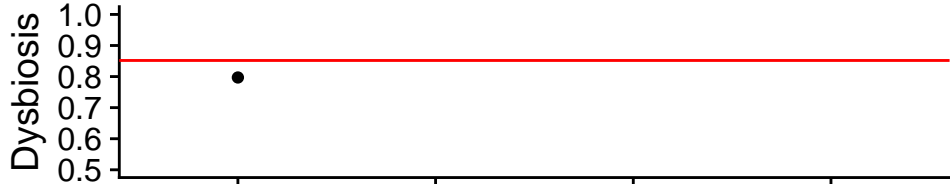
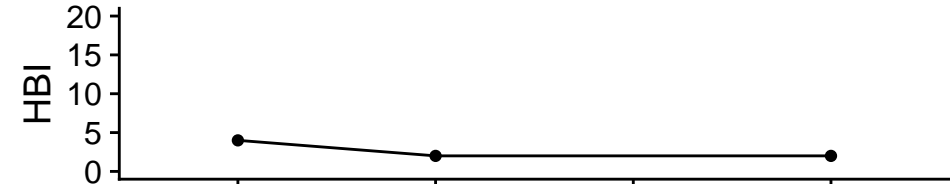
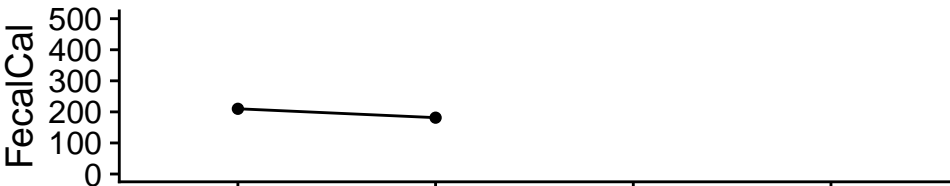
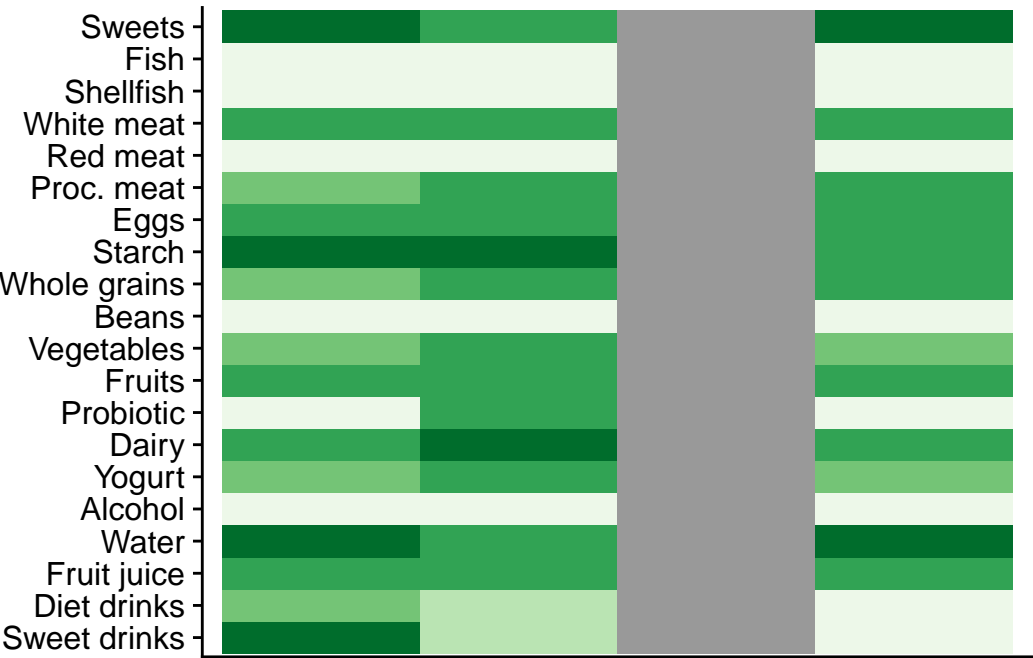
H4009: 6 Female White Cincinnati | nonIBD



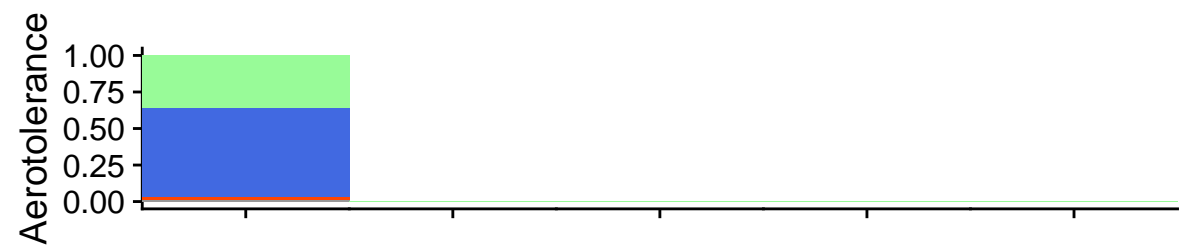
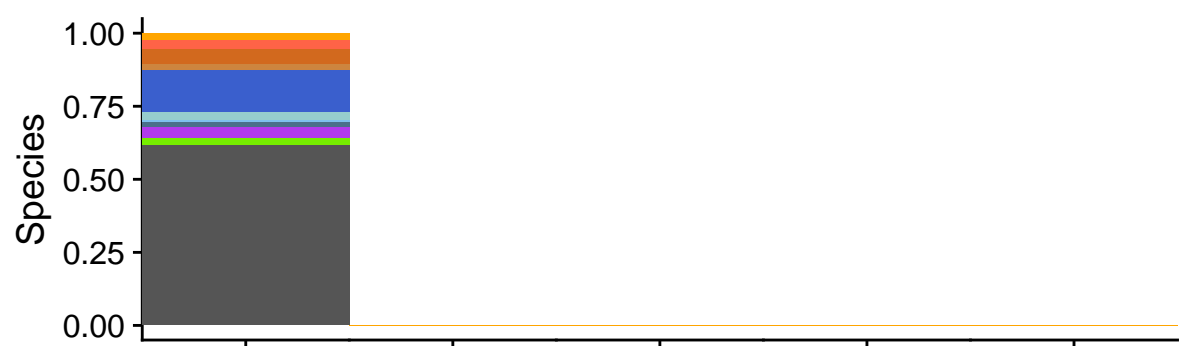
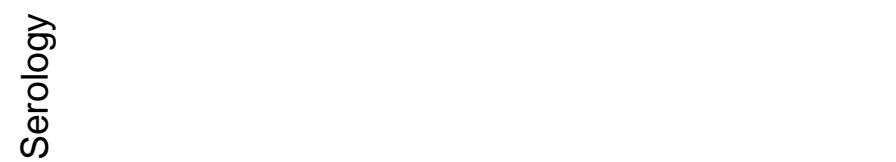
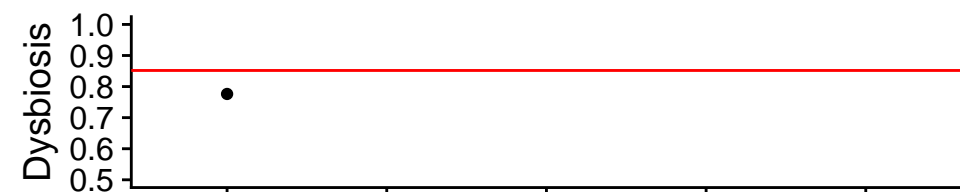
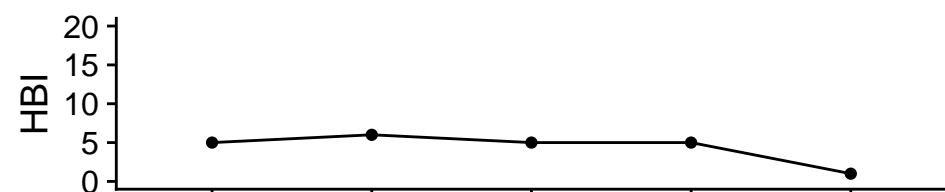
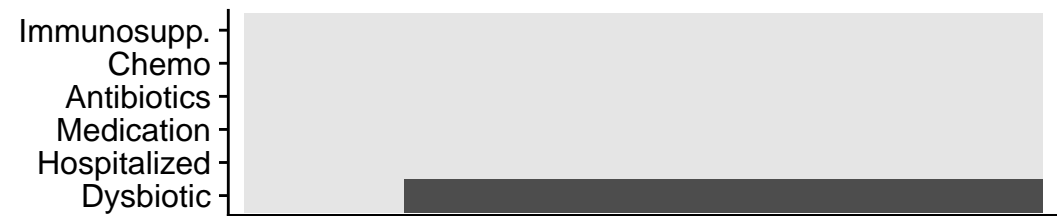
H4010: 13 Male Black or African American Cincinnati | UC



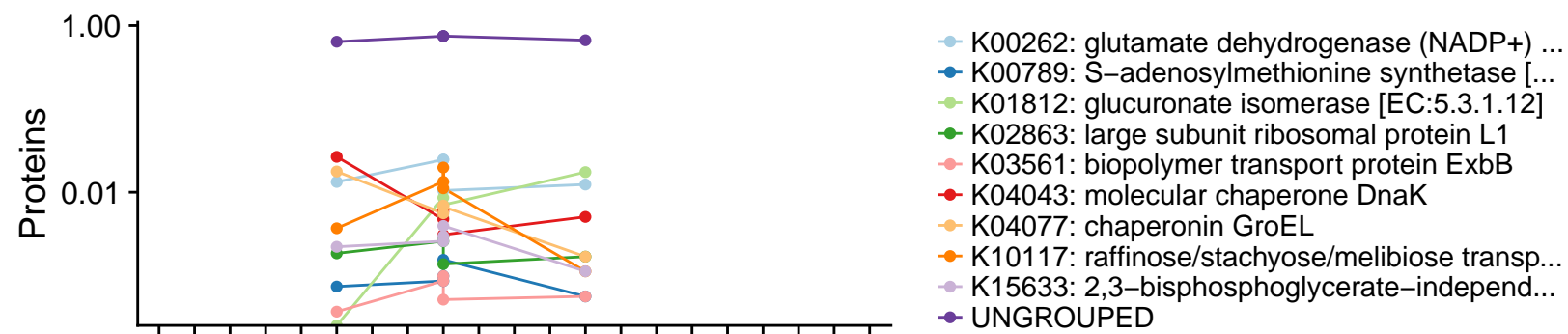
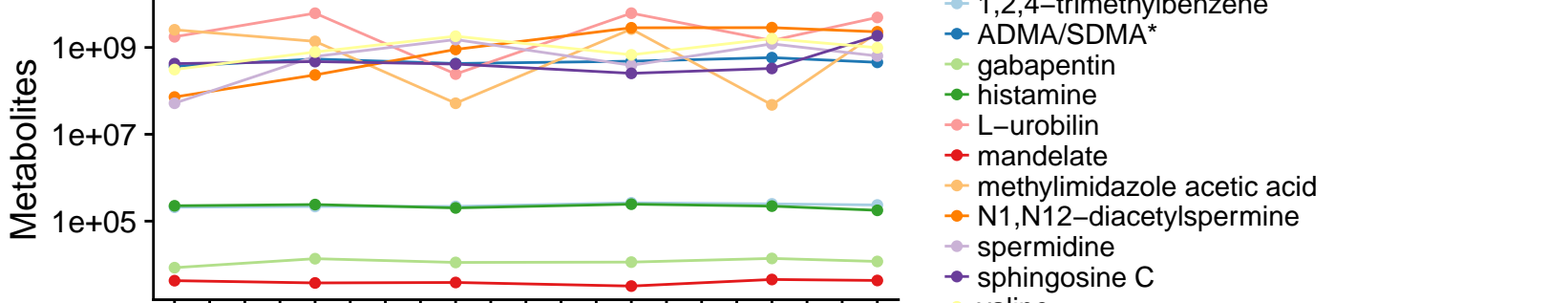
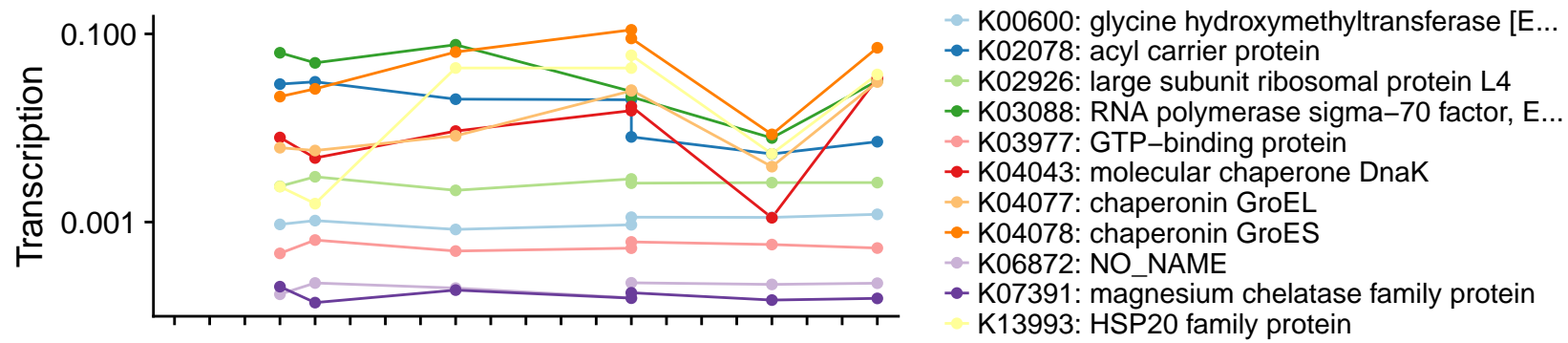
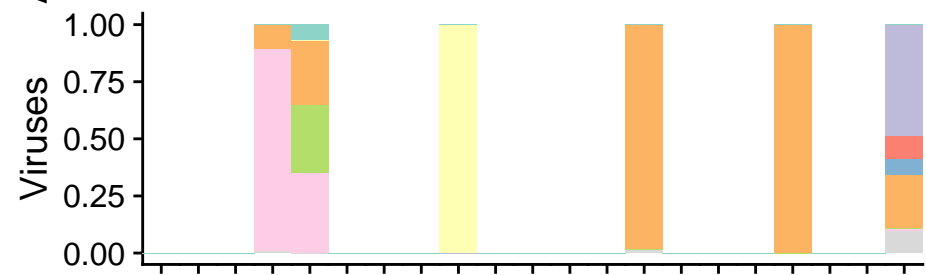
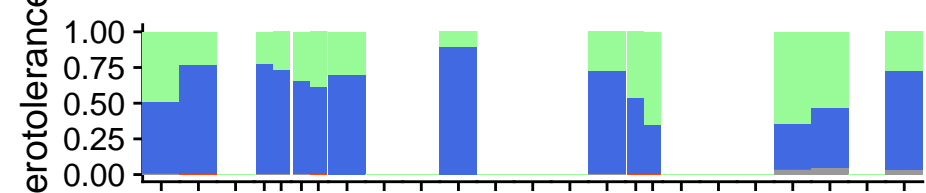
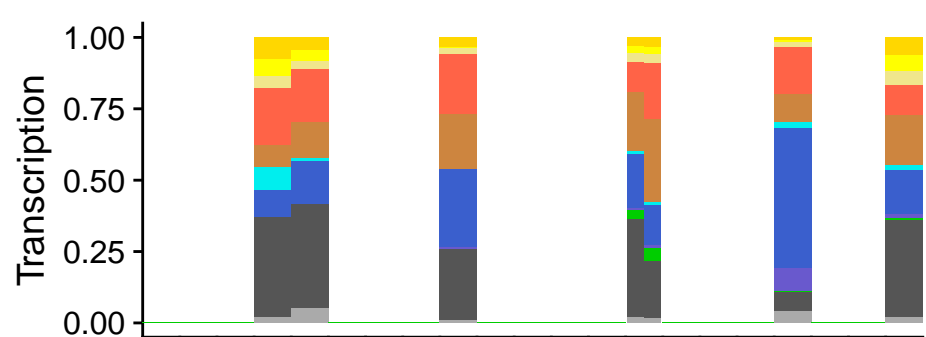
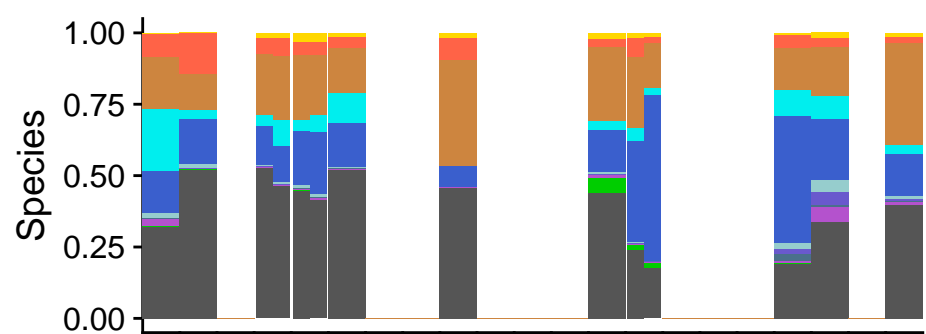
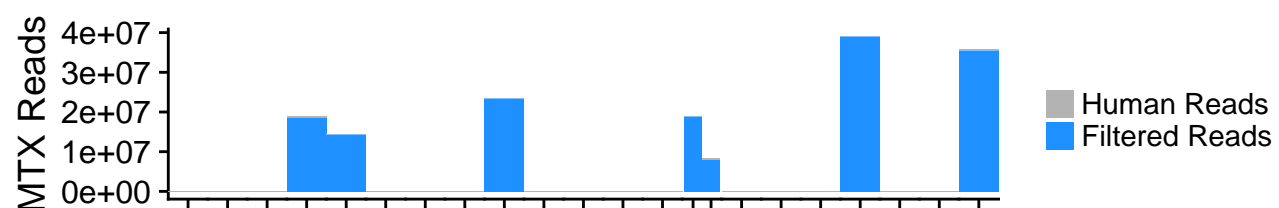
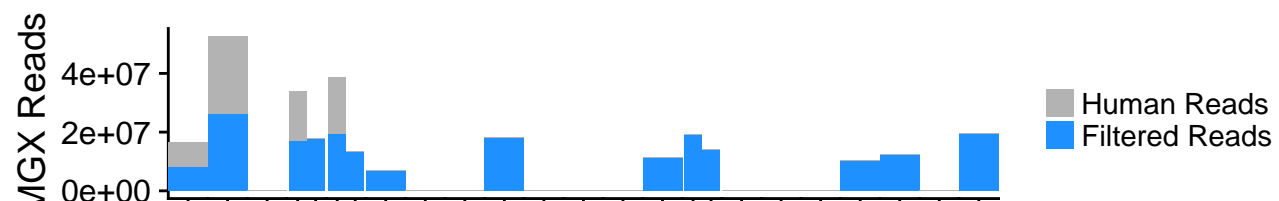
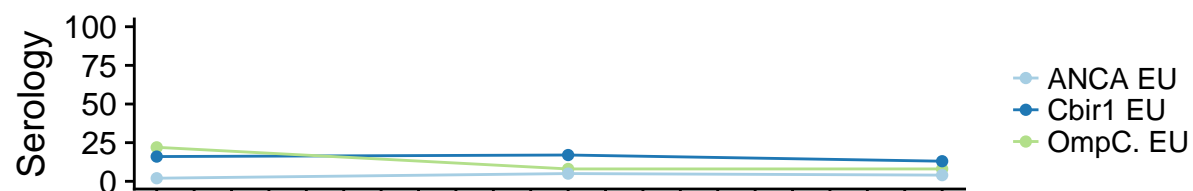
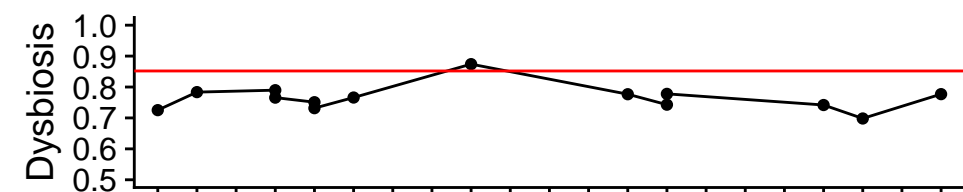
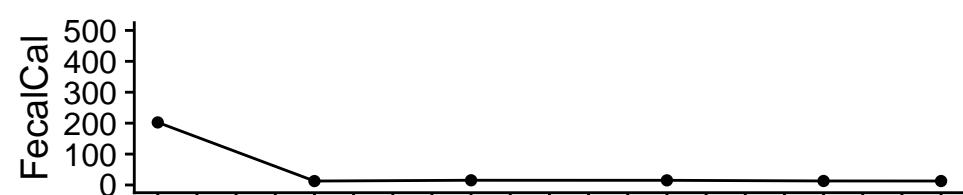
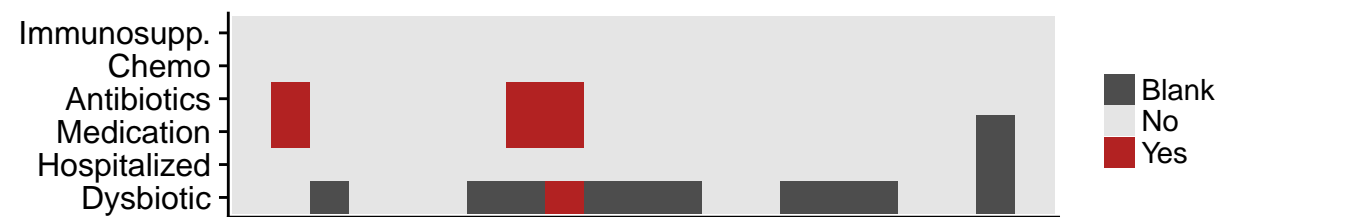
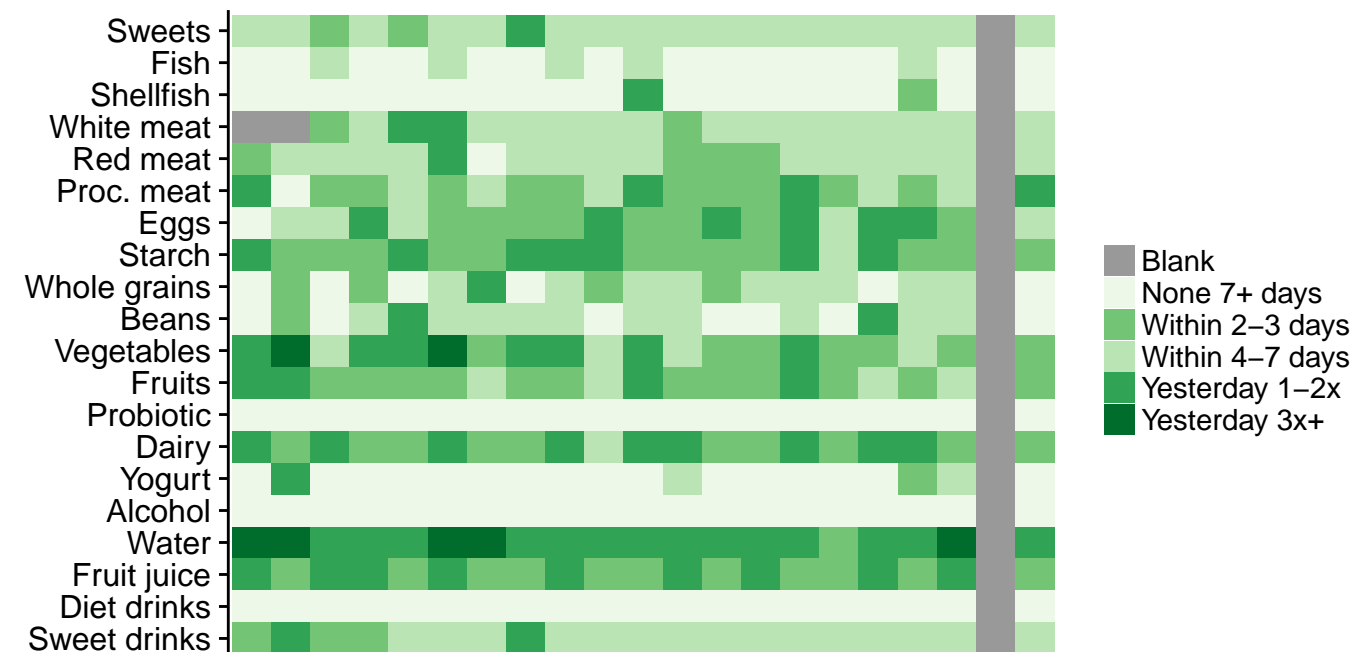
H4011: 7 Female White Cincinnati | CD L3+L4



H4012: 16 Female White Cincinnati | CD L3

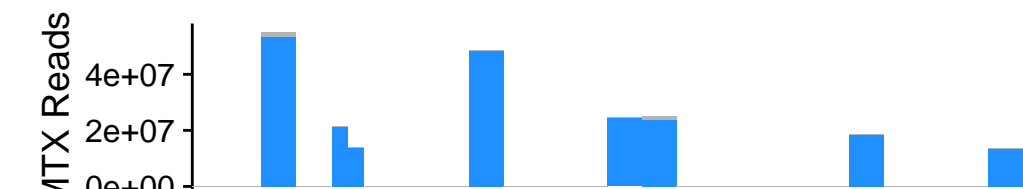
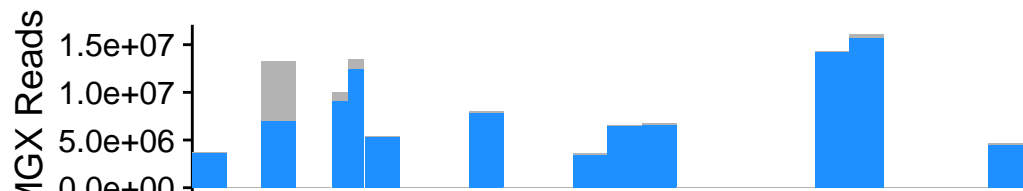
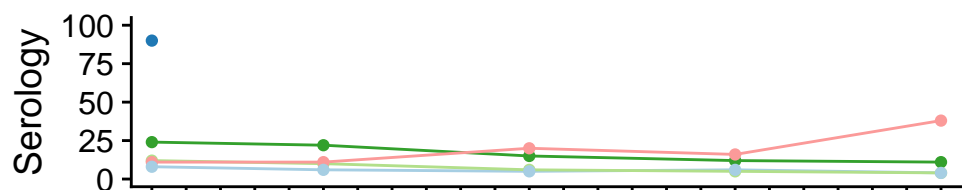
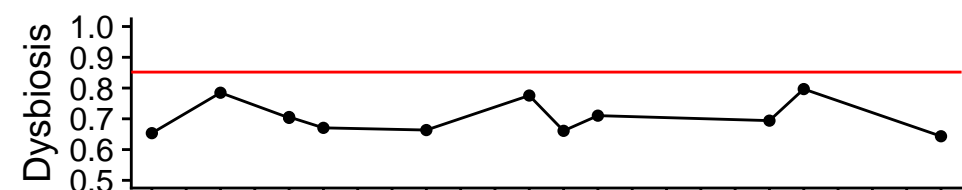
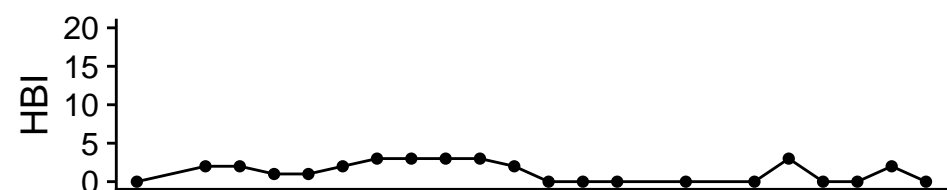
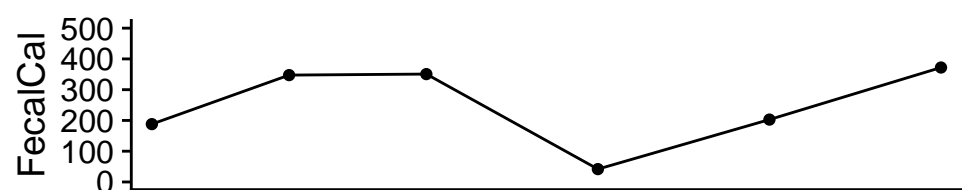
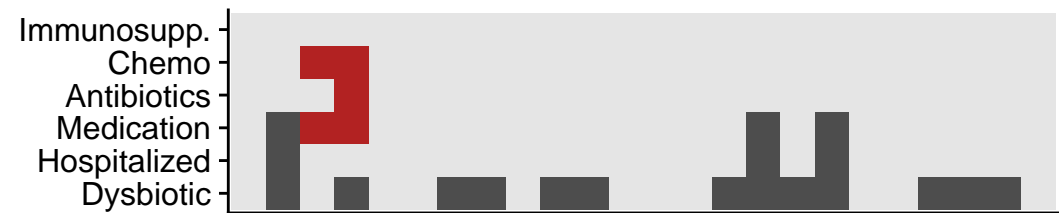
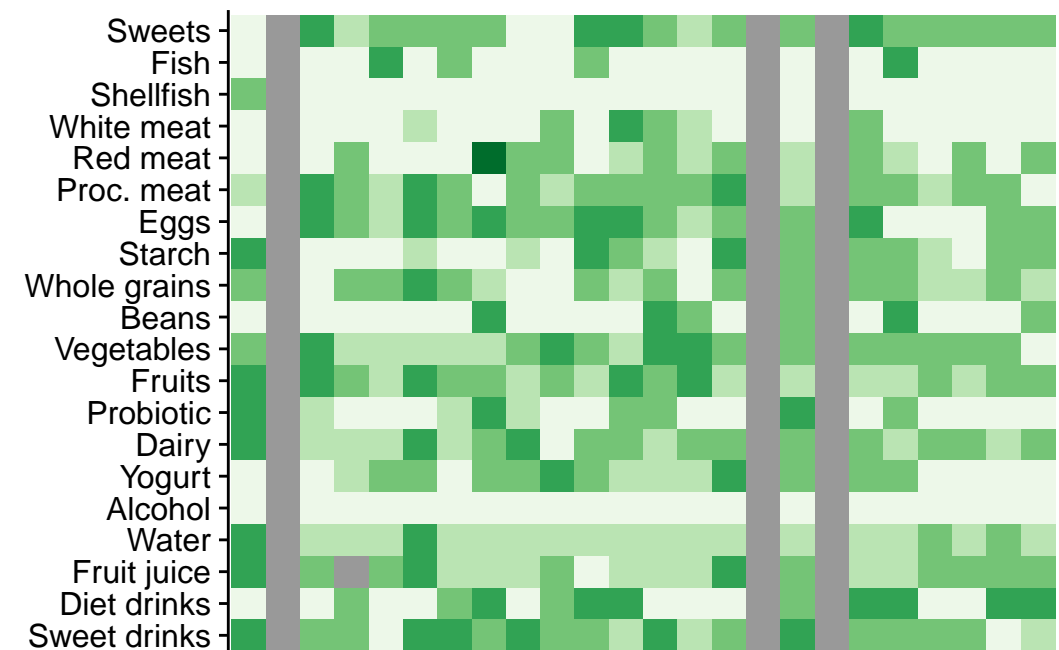


H4013: 8 Male More than one race Cincinnati | nonIBD



- Alistipes onderdonkii
- Bacteroides ovatus
- Bacteroides massiliensis
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Subdoligranulum unclassified
- Roseburia intestinalis
- Roseburia inulinivorans
- Ruminococcus bromii
- Akkermansia muciniphila
- other
- Alistipes onderdonkii
- Alistipes shahii
- Alistipes finegoldii
- Bacteroides ovatus
- Bacteroides massiliensis
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- Akkermansia muciniphila
- other
- unclassified
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- T7virus
- Pseudomonas phage PPpW-4
- Lactococcus phage SK1
- Lactococcus phage 936 sensu lato
- Lactococcus phage jm3
- Gokushovirus WZ-2015a
- Bell pepper mottle virus
- Pepper mild mottle virus
- other
- K00600: glycine hydroxymethyltransferase [E...]
- K02078: acyl carrier protein
- K02926: large subunit ribosomal protein L4
- K03088: RNA polymerase sigma-70 factor, E...
- K03977: GTP-binding protein
- K04043: molecular chaperone DnaK
- K04077: chaperonin GroEL
- K04078: chaperonin GroES
- K06872: NO_NAME
- K07391: magnesium chelatase family protein
- K13993: HSP20 family protein
- 1,2,4-trimethylbenzene
- ADMA/SDMA*
- gabapentin
- histamine
- L-urobilin
- mandelate
- methylimidazole acetic acid
- N1,N12-diacetylspermine
- spermidine
- sphingosine C
- valine
- K00262: glutamate dehydrogenase (NADP+) ...
- K00789: S-adenosylmethionine synthetase [...]
- K01812: glucuronate isomerase [EC:5.3.1.12]
- K02863: large subunit ribosomal protein L1
- K03561: biopolymer transport protein ExbB
- K04043: molecular chaperone DnaK
- K04077: chaperonin GroEL
- K10117: raffinose/stachyose/melibiose transp...
- K15633: 2,3-bisphosphoglycerate-independ...
- UNGROUPED

H4014: 10 Female White Cincinnati | CD L3+L4



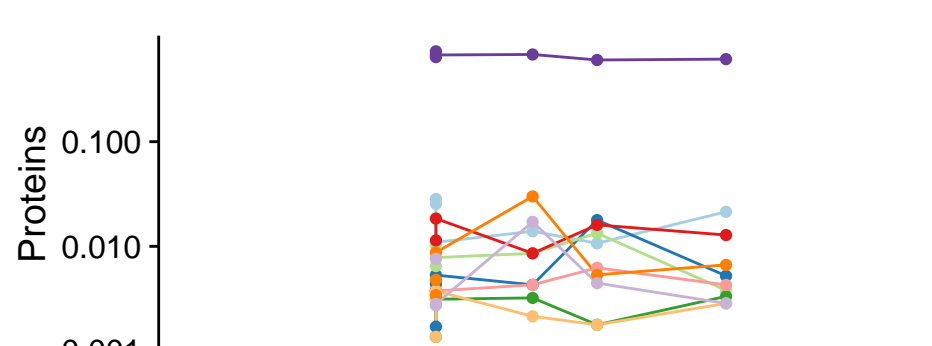
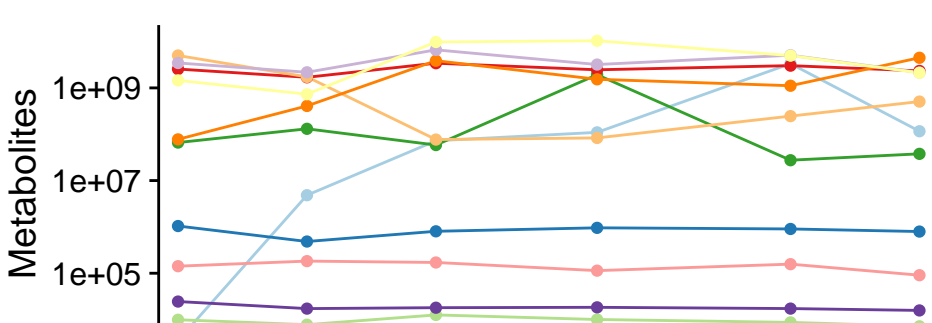
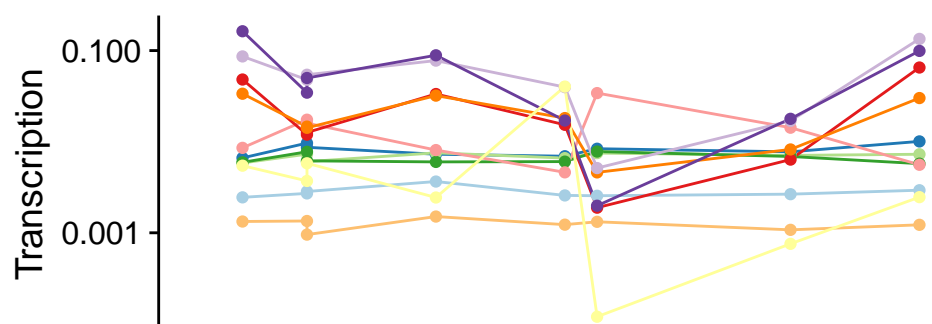
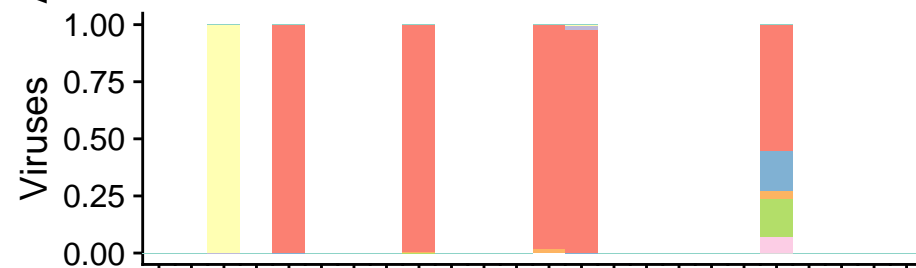
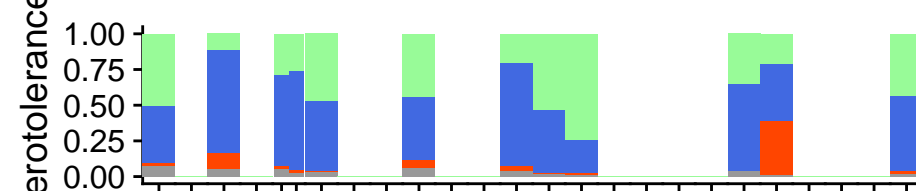
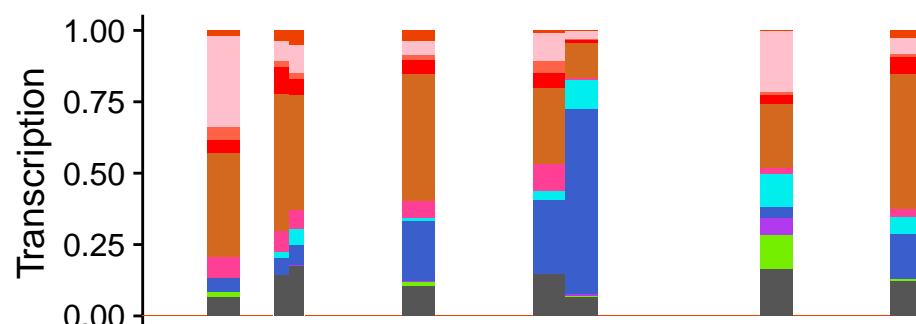
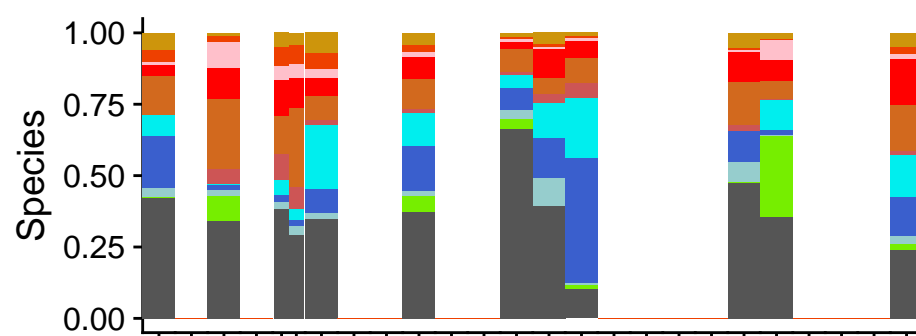
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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

Bacteroides caccae
Bacteroides fragilis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Eubacterium rectale
Faecalibacterium prausnitzii
Ruminococcus torques
Escherichia coli
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

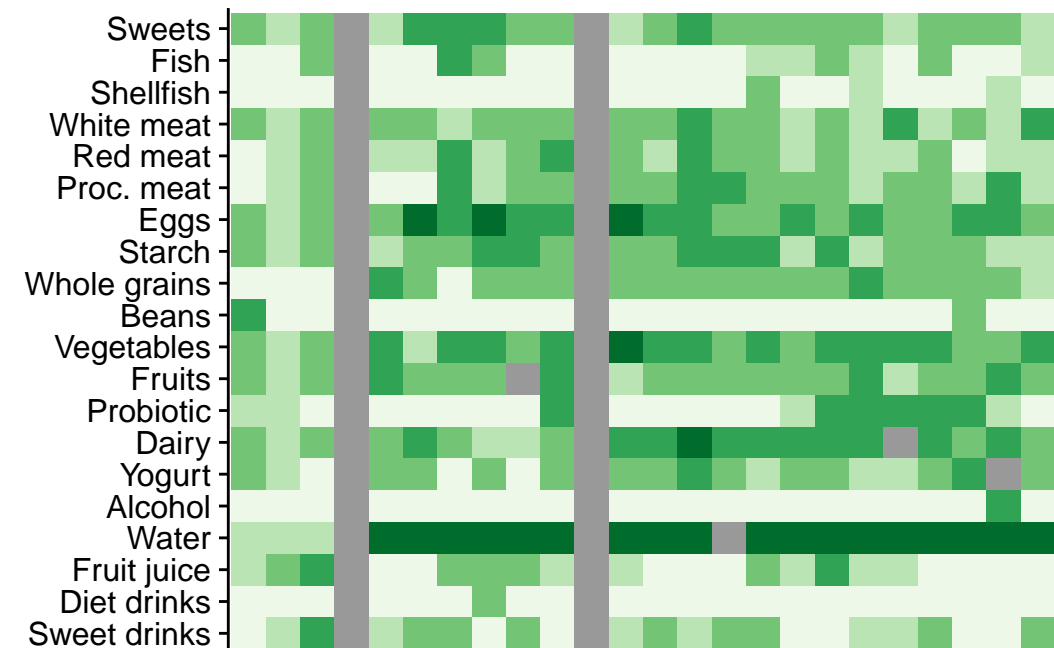
Myoviridae
T7virus
Lactococcus phage D4412
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
Tobacco mild green mosaic virus
Tomato mottle mosaic virus
other

K02112: F-type H⁺-transporting ATPase sub...
K02874: large subunit ribosomal protein L14
K02878: large subunit ribosomal protein L16
K02886: large subunit ribosomal protein L2
K02970: small subunit ribosomal protein S21
K03686: molecular chaperone DnaJ
K03979: GTP-binding protein
K04077: chaperonin GroEL
K04078: chaperonin GroES
K13993: HSP20 family protein
K19158: NO_NAME

agmatine
alanine
beta-sitosterol
C16:0 LPC_A
indole-3-propionate
leucine
methylimidazole acetic acid
N1,N12-diacetylspermine
phenylalanine
tetradecanedioate
valine

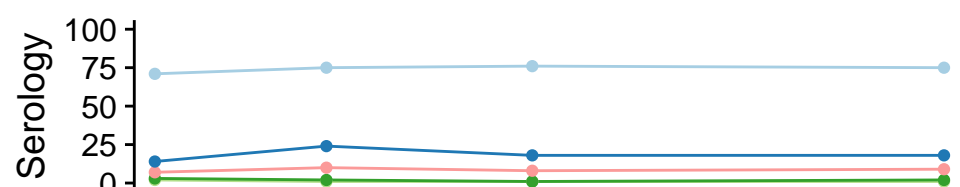
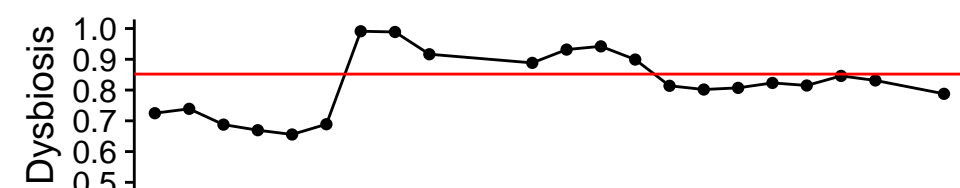
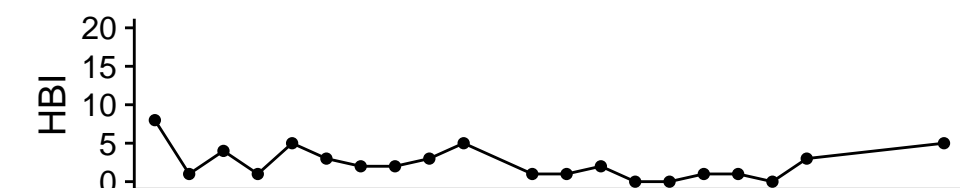
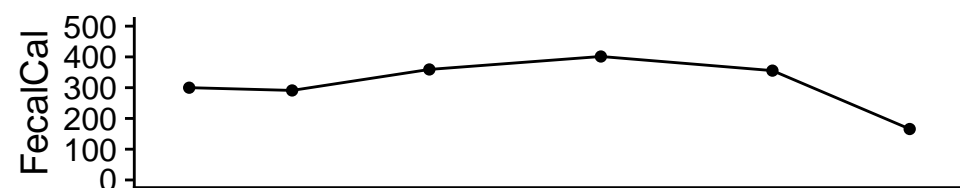
K00262: glutamate dehydrogenase (NADP⁺) ...
K00626: acetyl-CoA C-acetyltransferase [E...]
K01006: pyruvate, orthophosphate dikinase [...]
K01810: glucose-6-phosphate isomerase [E...]
K02867: large subunit ribosomal protein L11
K04043: molecular chaperone DnaK
K10112: multiple sugar transport system ATP...
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
UNGROUPED

H4015: 15 Male White Cincinnati | CD L3+L4

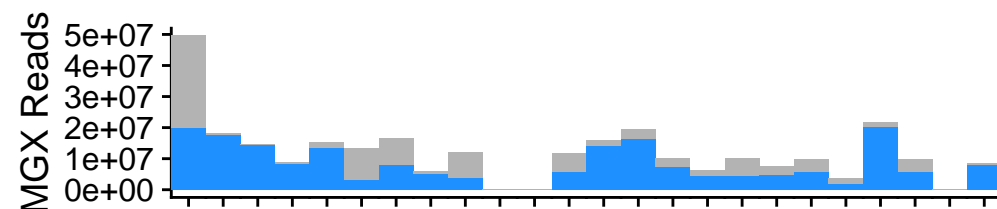


Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

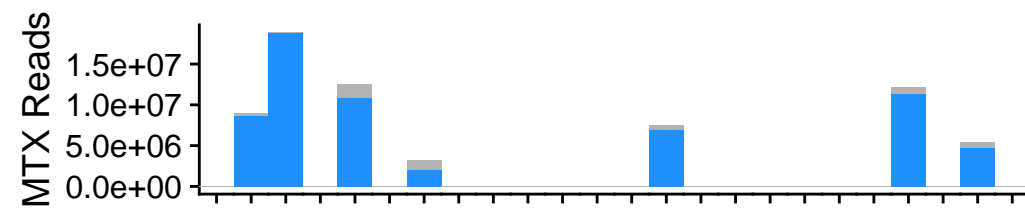
Blank
No
Yes



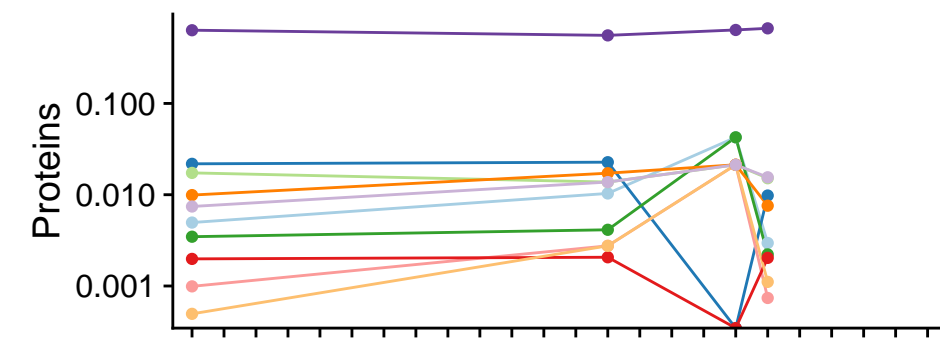
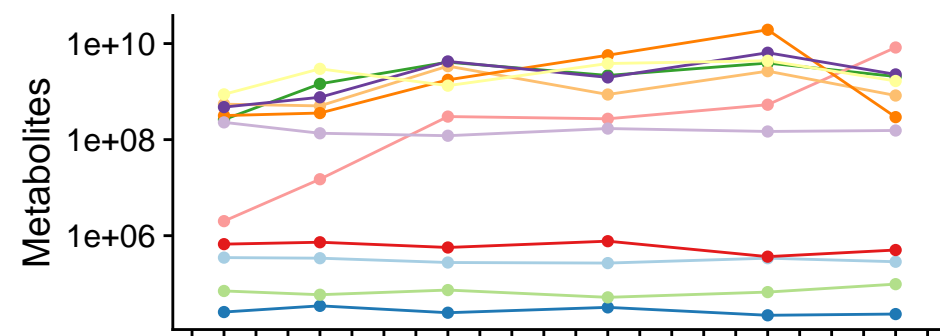
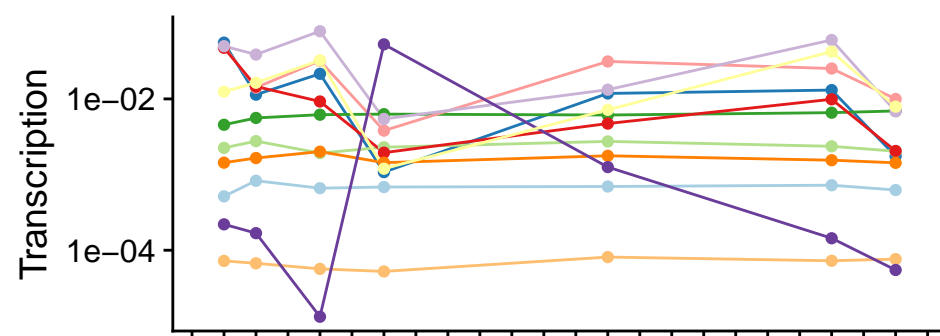
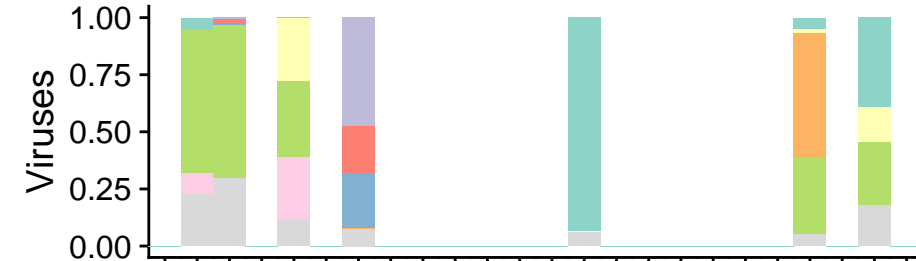
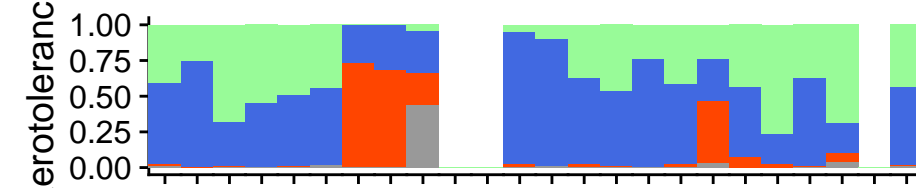
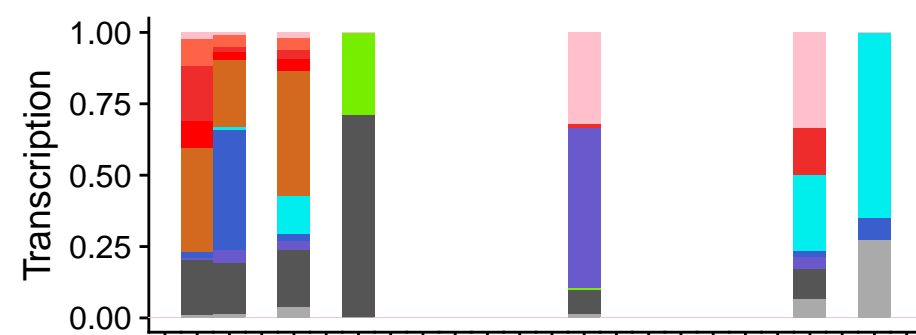
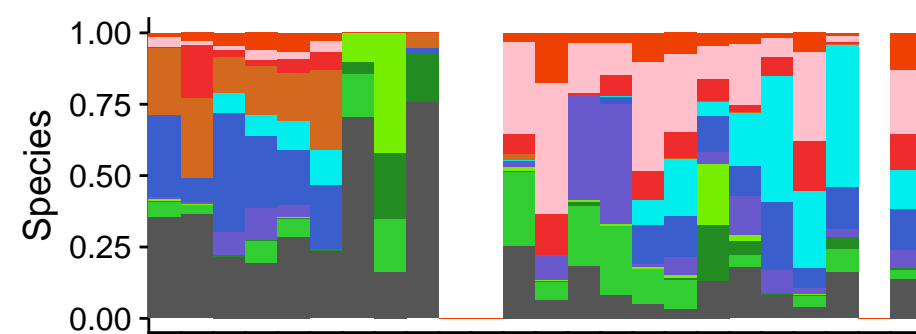
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



Human Reads
Filtered Reads



Human Reads
Filtered Reads



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_anaeobe
aerotolerant
facultative_anaeobe
unknown

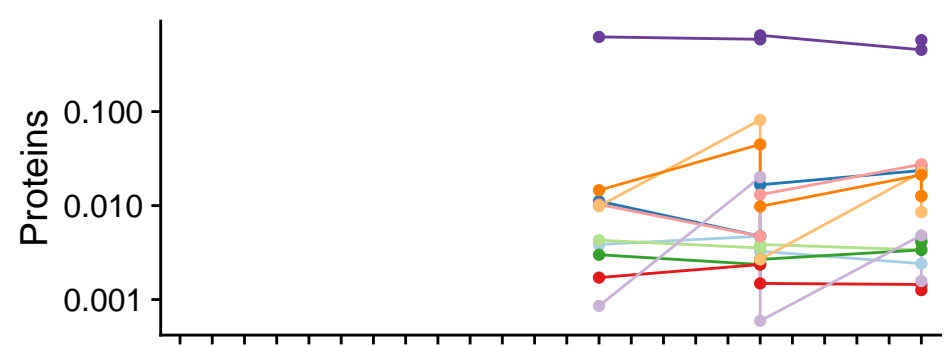
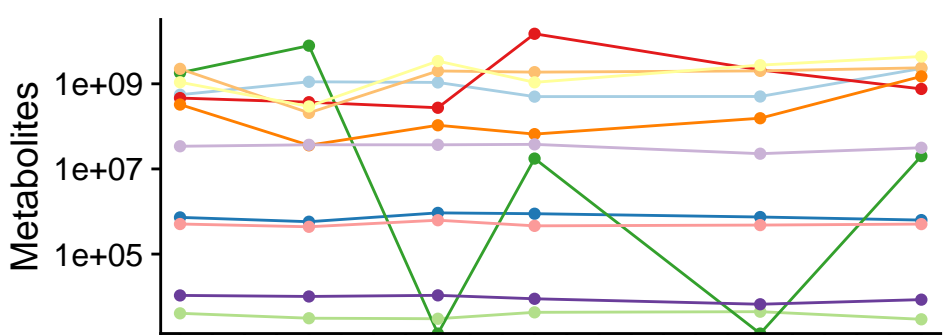
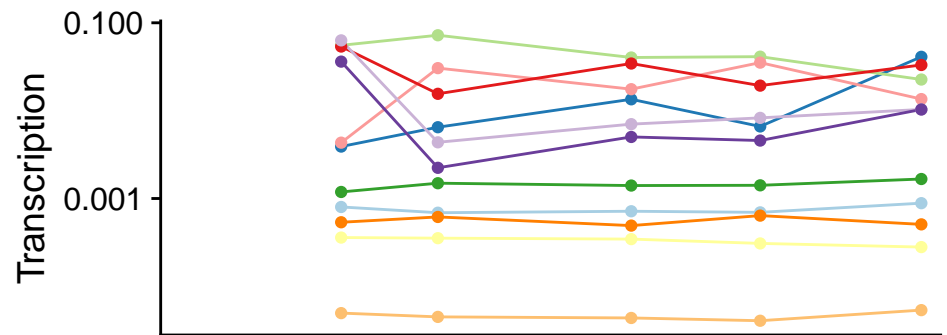
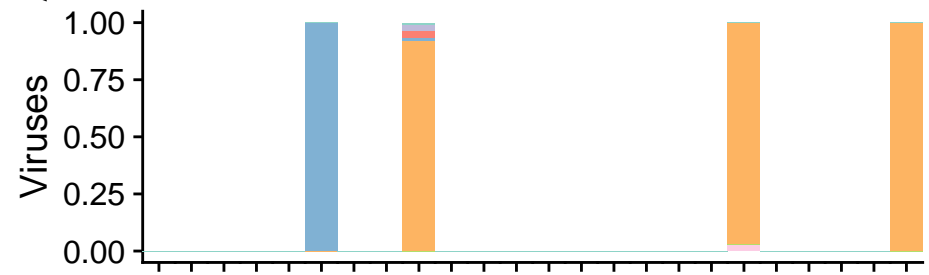
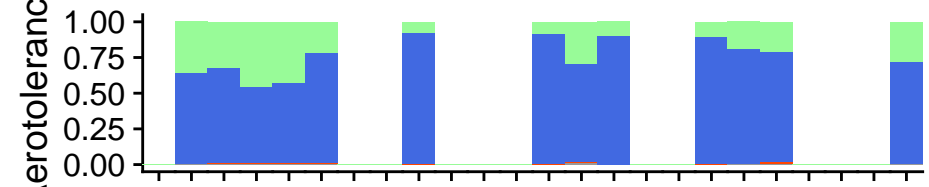
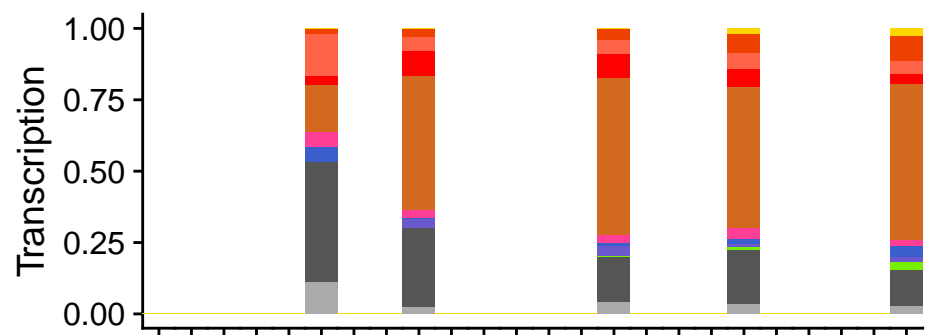
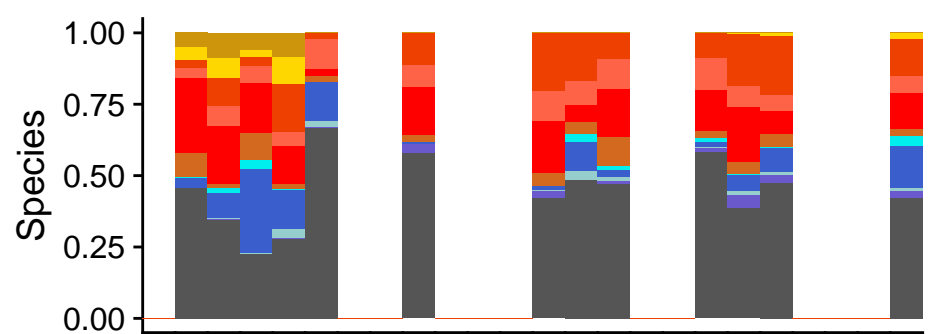
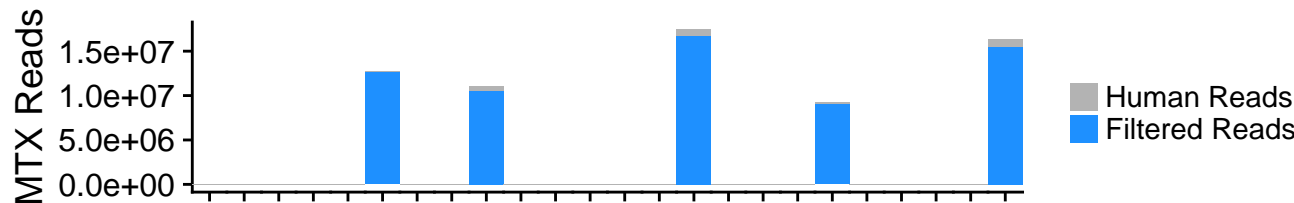
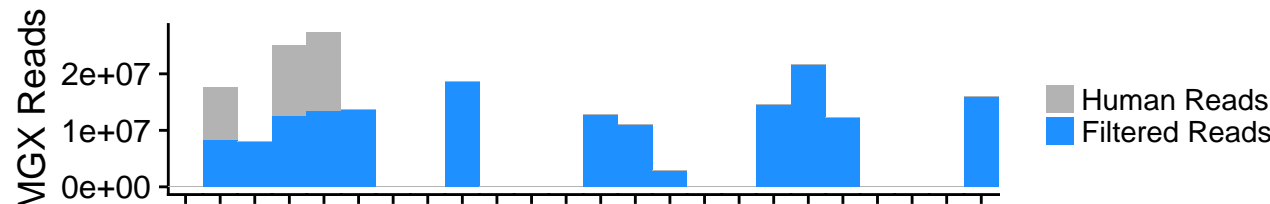
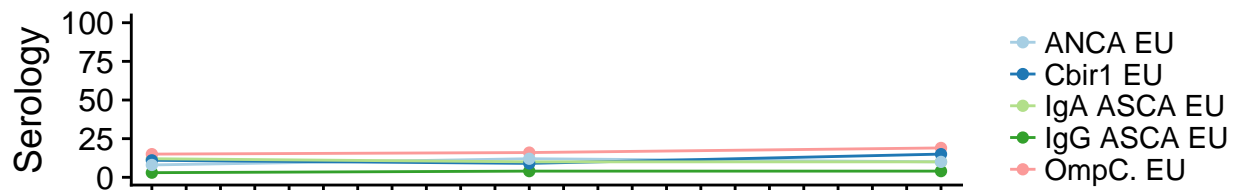
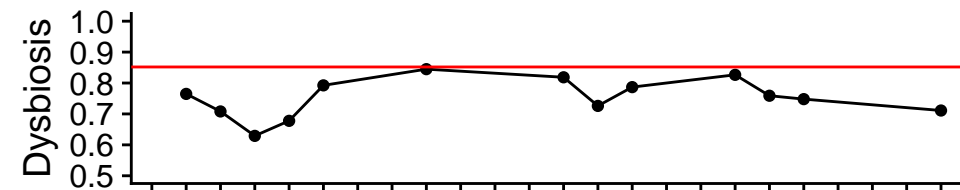
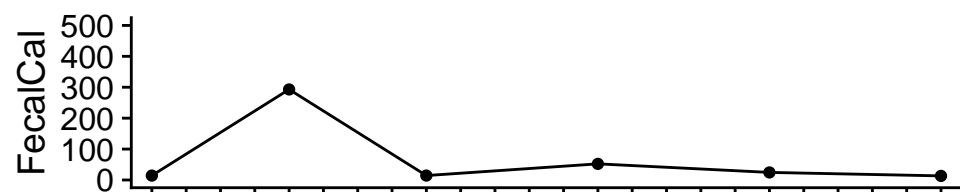
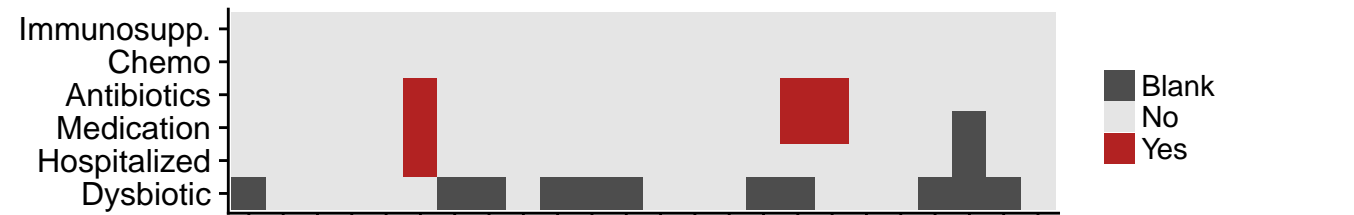
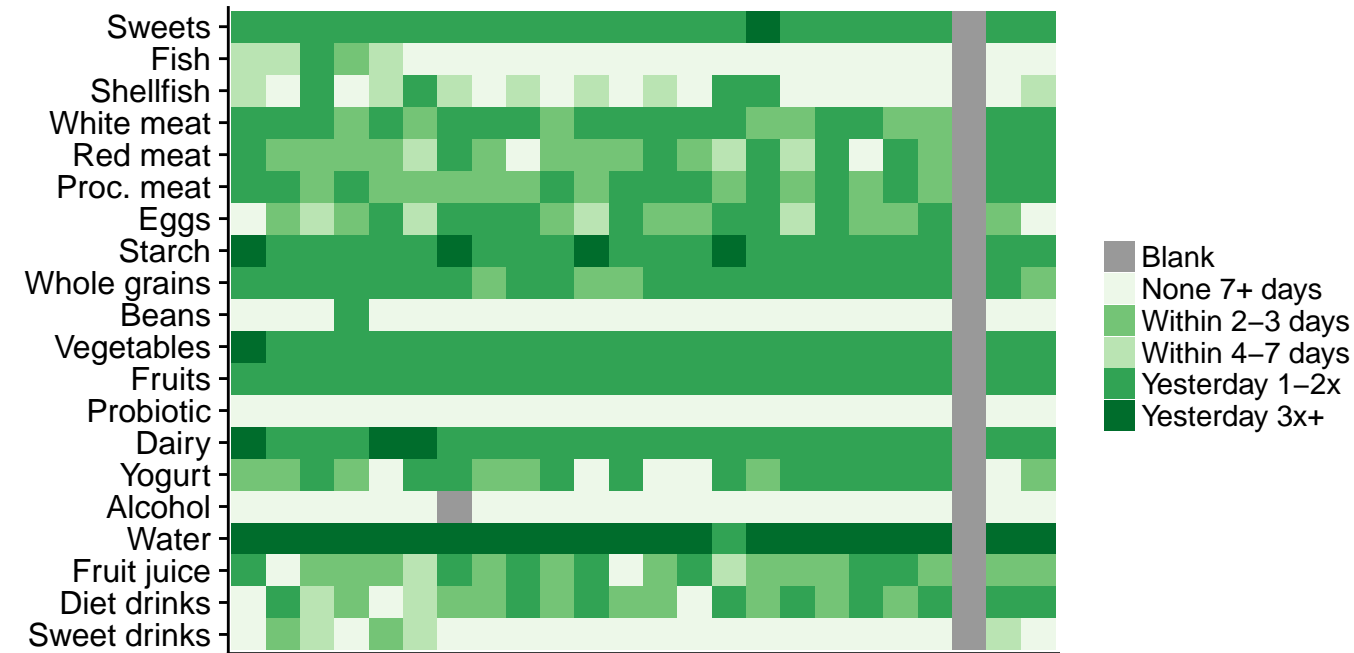
Escherichia virus K1G
Escherichia virus K1ind2
Gyrovirus 4
Gyrovirus GyV3
Gokushovirus WZ-2015a
Norovirus GII isolates
Pepper mild mottle virus
Tomato mosaic virus
other

K01951: GMP synthase (glutamine-hydrolysi...
K02078: acyl carrier protein
K02356: elongation factor EF-P
K02952: small subunit ribosomal protein S13
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03426: NAD+ diphosphatase [EC:3.6.1.22]
K03545: trigger factor
K04078: chaperonin GroES
K06078: murein lipoprotein lipoprotein
K13993: HSP20 family protein

1,2,4-trimethylbenzene
3-methylglutaconate
C14:0 CE
C16:0 LPC_A
C4 carnitine
gentisate
leucine
N-acetylhistamine
oleate
phenylalanine
valine

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



Alistipes putredinis
Alistipes onderdonkii
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia intestinalis
other

Alistipes onderdonkii
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides xylanisolvens
Faecalibacterium prausnitzii
Roseburia intestinalis
Escherichia coli
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

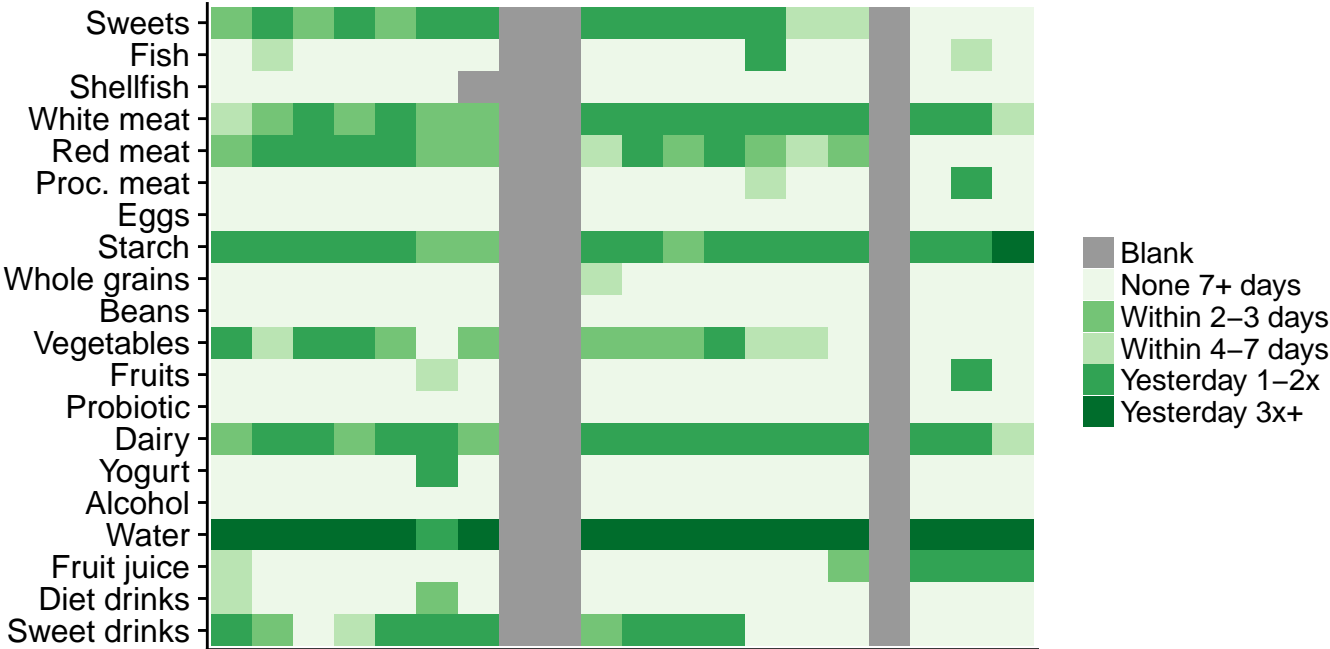
T7virus
Pseudomonas phage PPpW-4
Lactococcus phage c2
unclassified C2likevirus
Siphoviridae
Gokushovirus WZ-2015a
Cucurbit yellow stunting disorder virus
Melon necrotic spot virus
other

K00876: uridine kinase [EC:2.7.1.48]
K01689: enolase [EC:4.2.1.11]
K02078: acyl carrier protein
K02564: glucosamine-6-phosphate deamina...
K02956: small subunit ribosomal protein S15
K03088: RNA polymerase sigma-70 factor, E...
K03524: BirA family transcriptional regulator, ...
K03783: purine-nucleoside phosphorylase [...
K04078: chaperonin GroES
K04564: superoxide dismutase, Fe-Mn famil...
K11749: regulator of sigma E protease [EC:3...

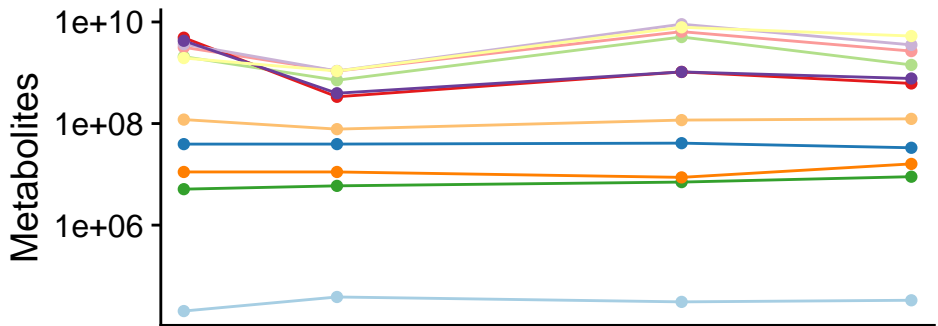
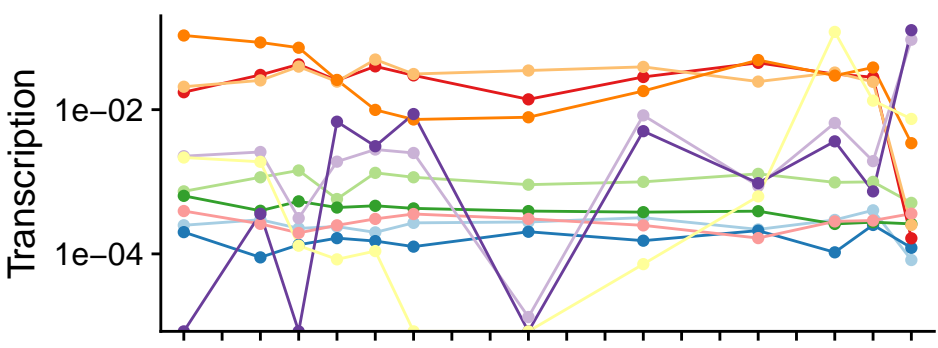
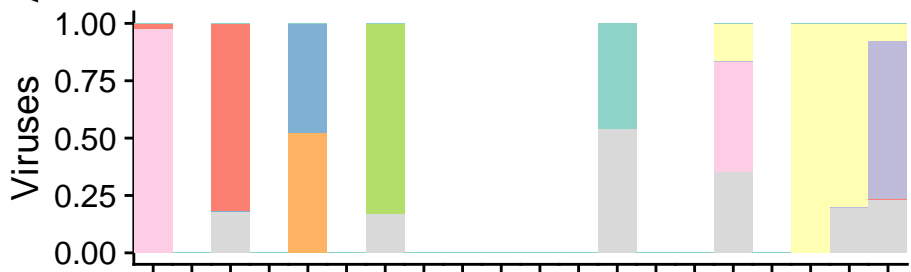
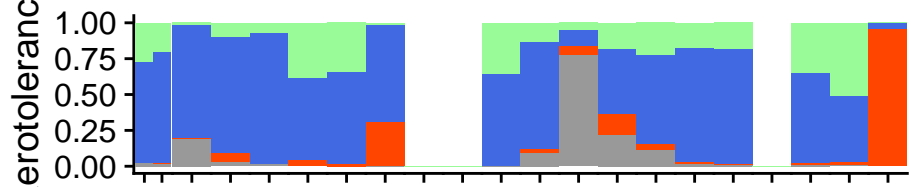
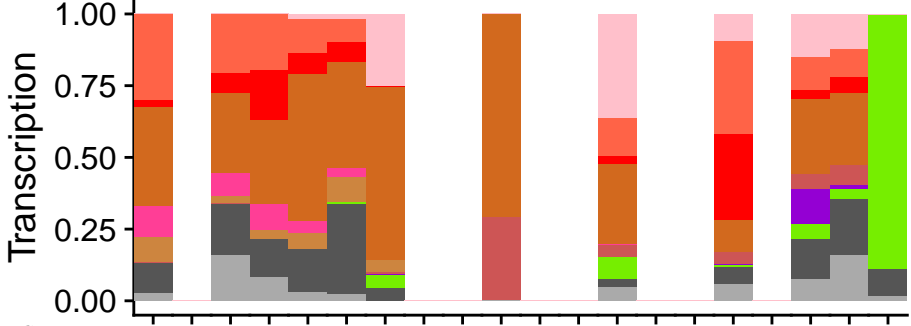
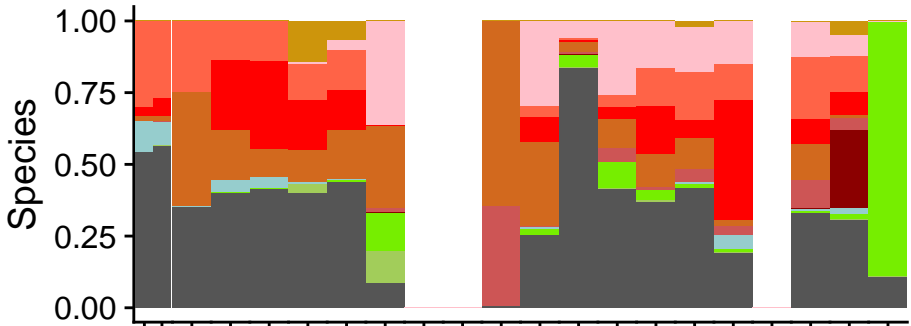
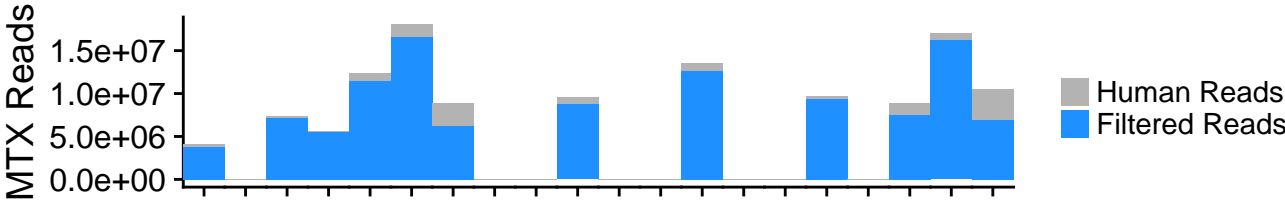
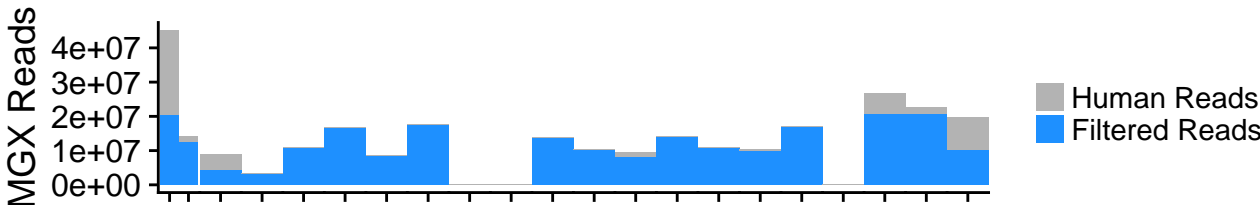
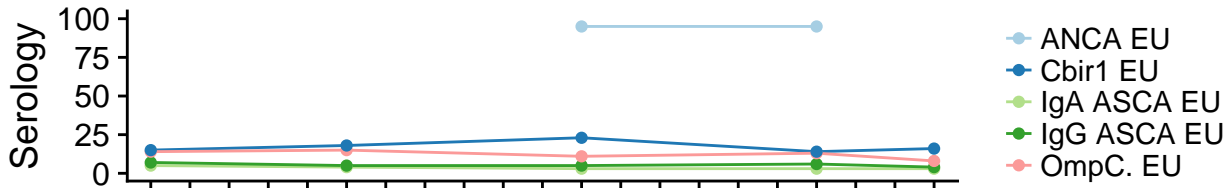
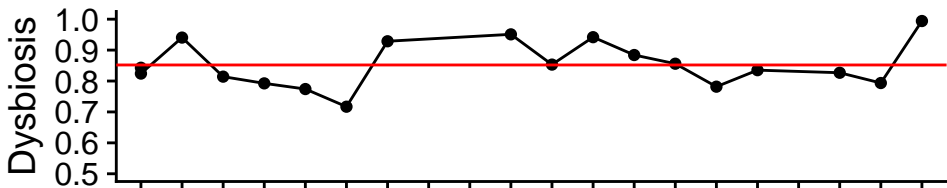
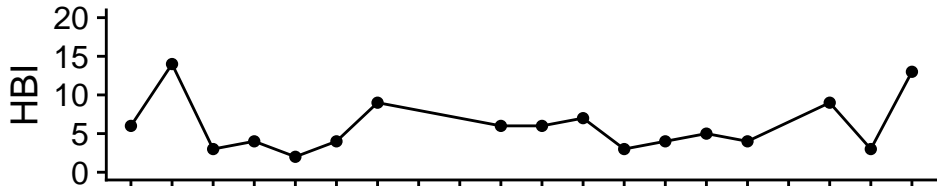
C16:0 LPC_A
C56:2 TAG
hippurate
L-urobilin
lactate
methylimidazole acetic acid
N-acetylhistamine
N1,N12-diacetylspermine
palmitate
trimethylamine-N-oxide
valine

K00041: tagaturonate reductase [EC:1.1.1.58]
K02358: elongation factor EF-Tu
K02931: large subunit ribosomal protein L5
K02994: small subunit ribosomal protein S8
K03737: pyruvate-ferredoxin/ferredoxin oxido...
K04079: molecular chaperone HtpG
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
K10540: methyl-galactoside transport syste...
UNGROUPED

H4017: 16 Female White Cincinnati | CD L3+L4

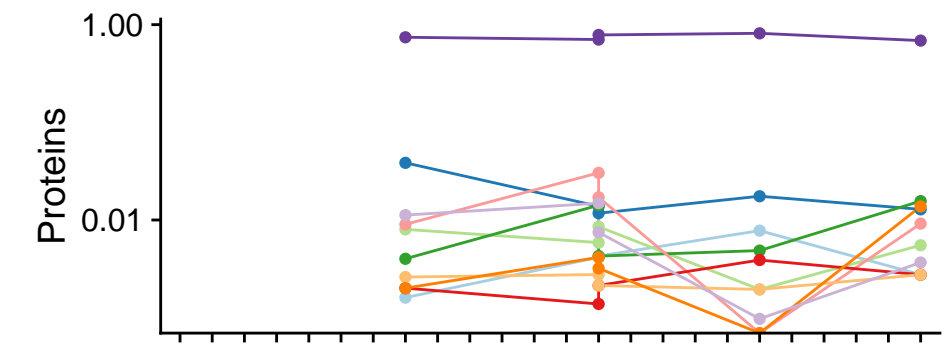
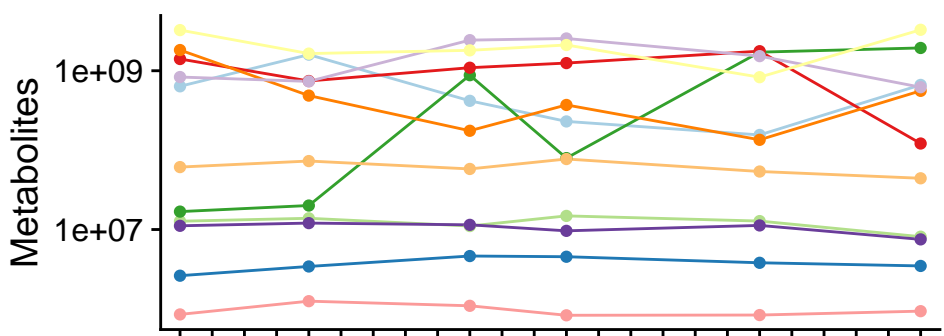
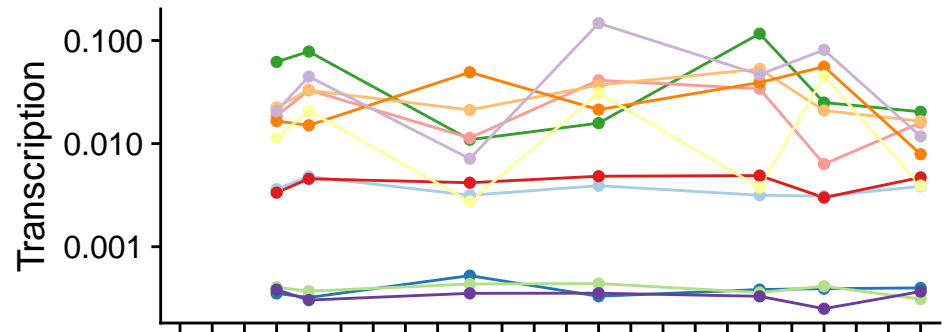
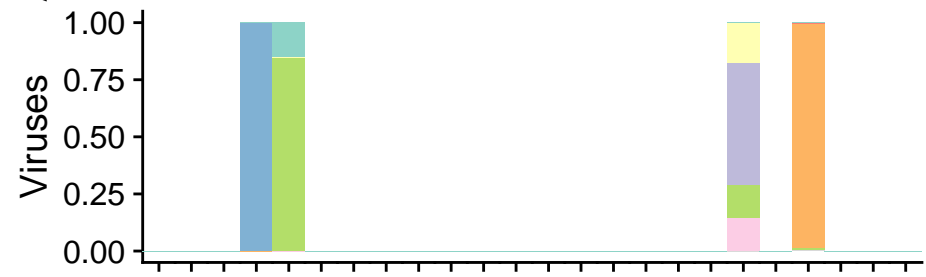
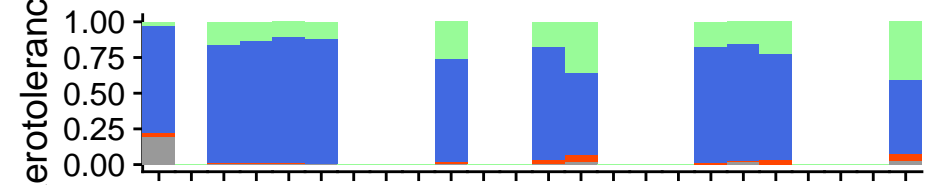
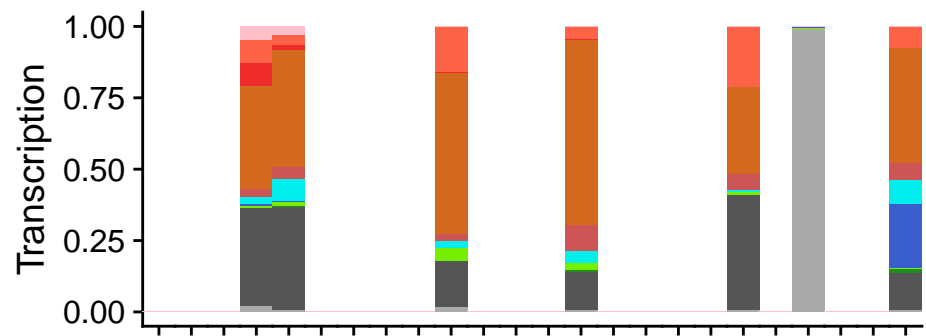
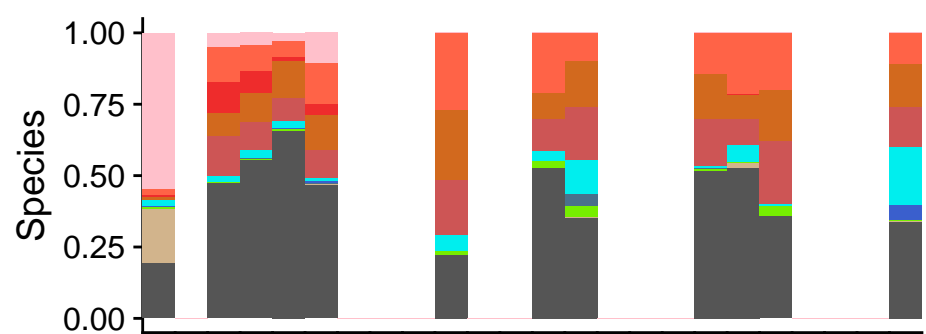
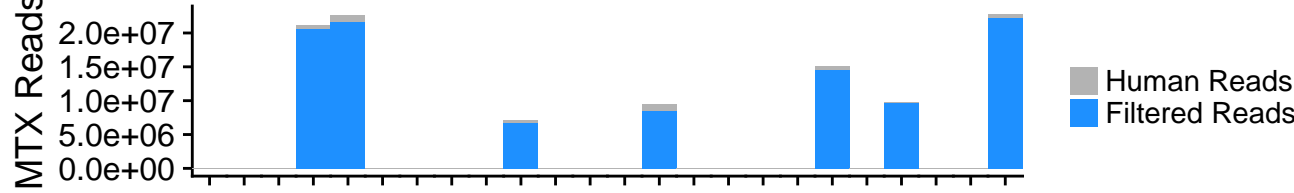
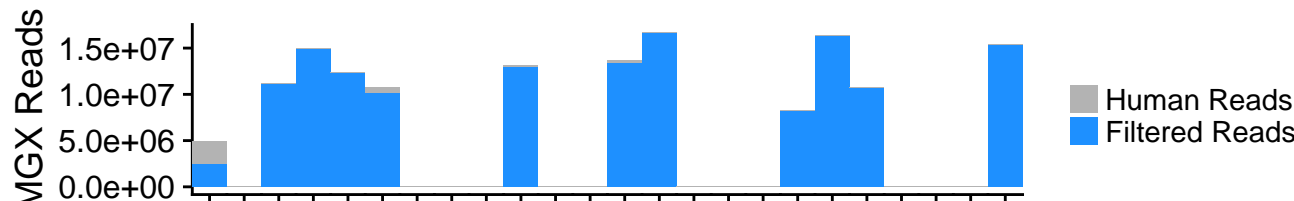
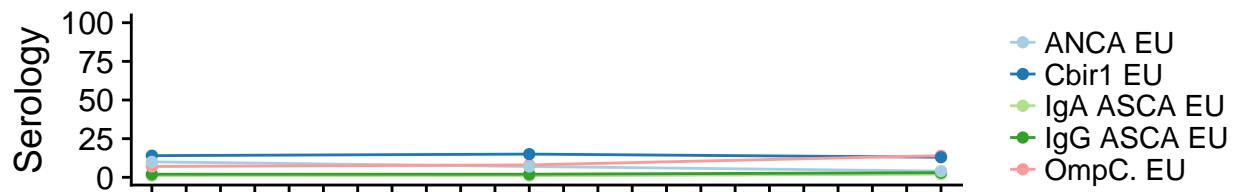
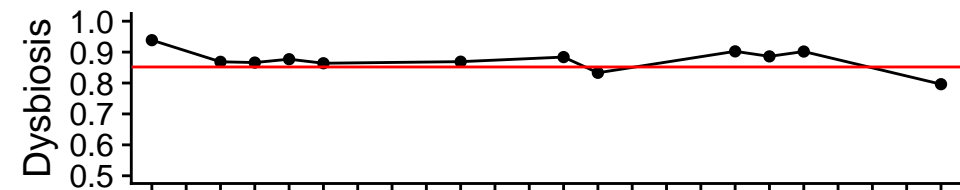
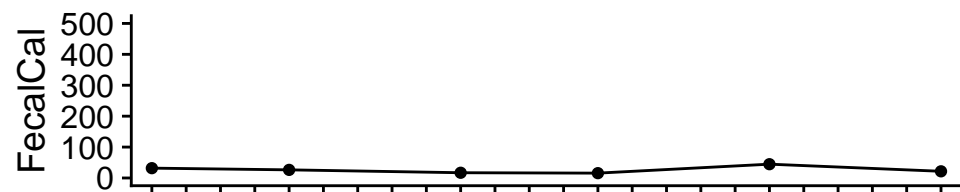
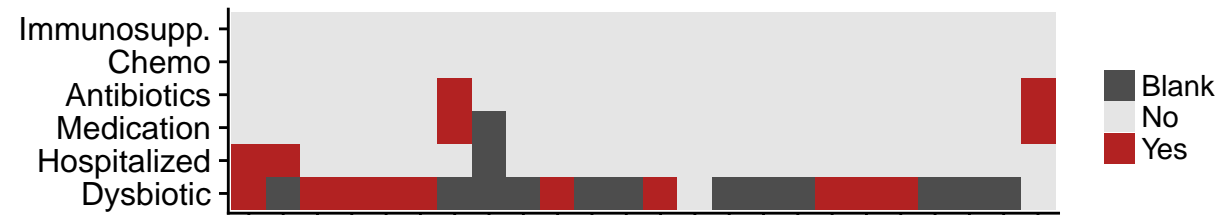
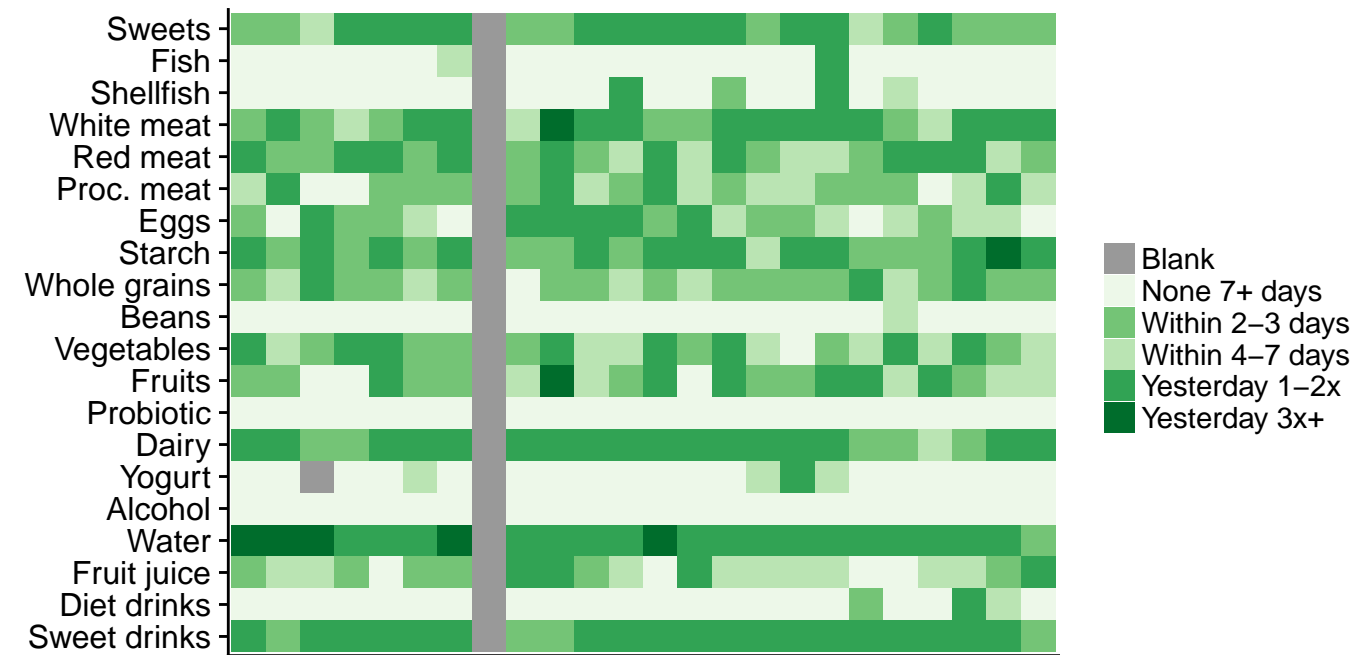


FecalCal

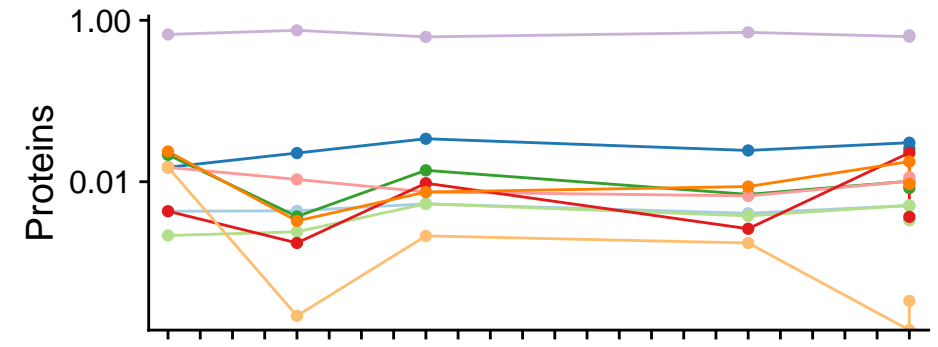
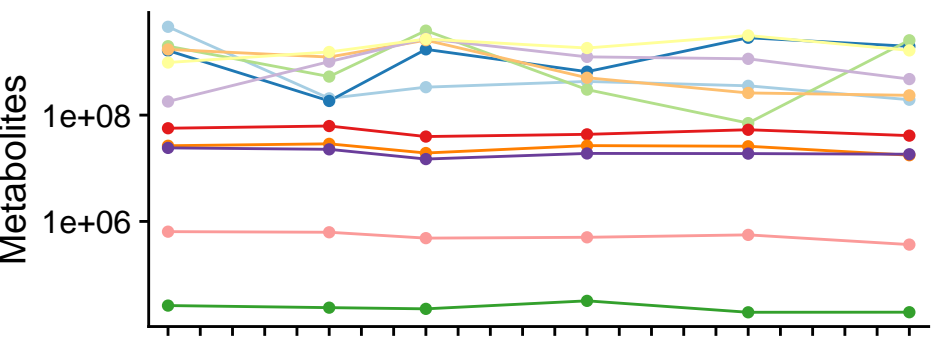
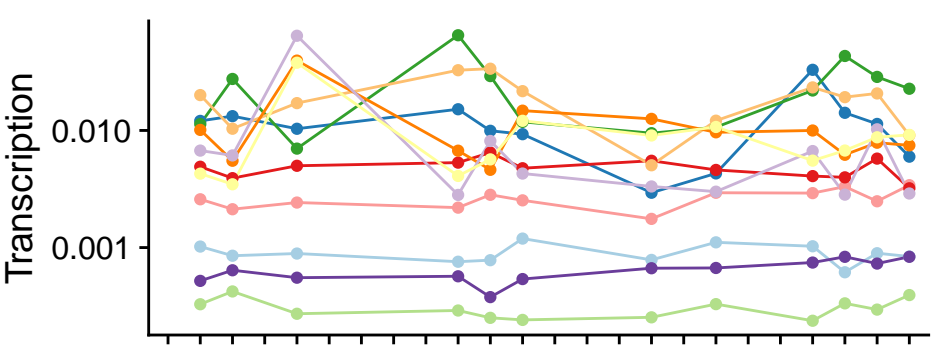
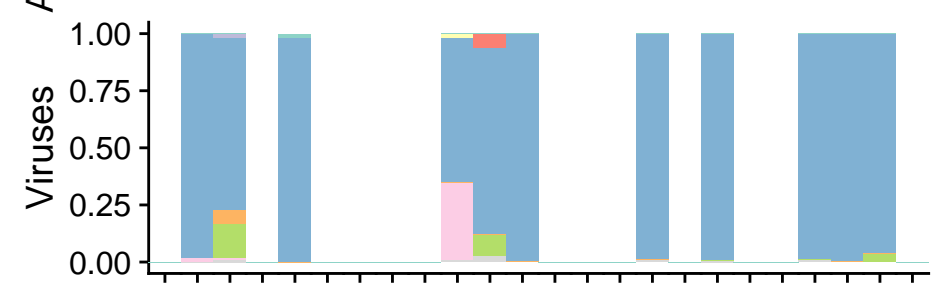
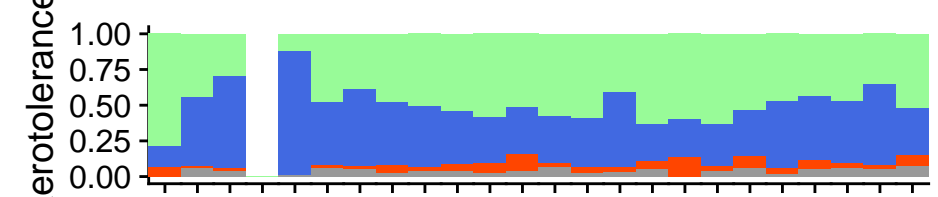
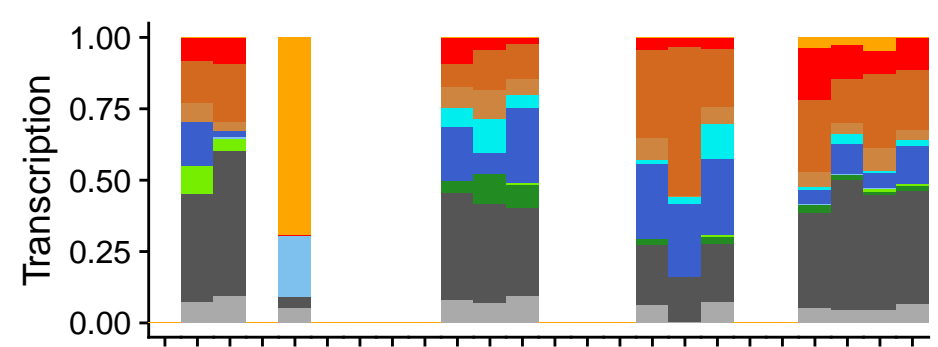
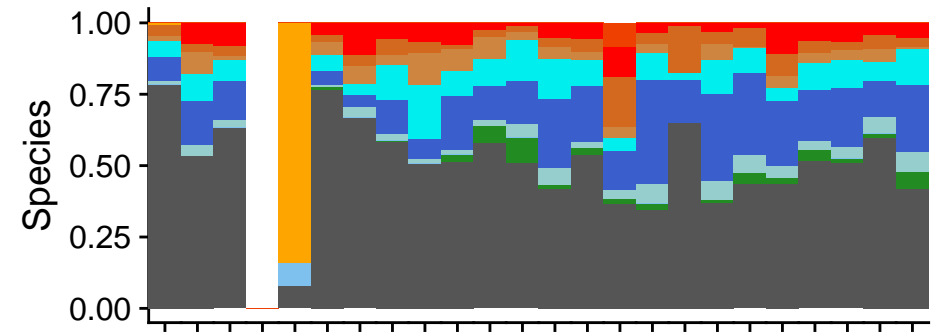
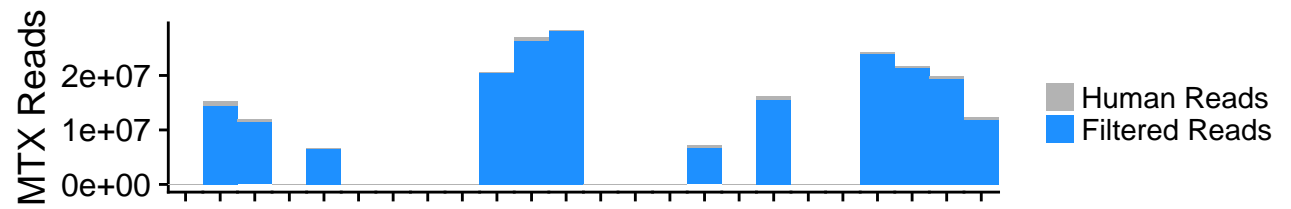
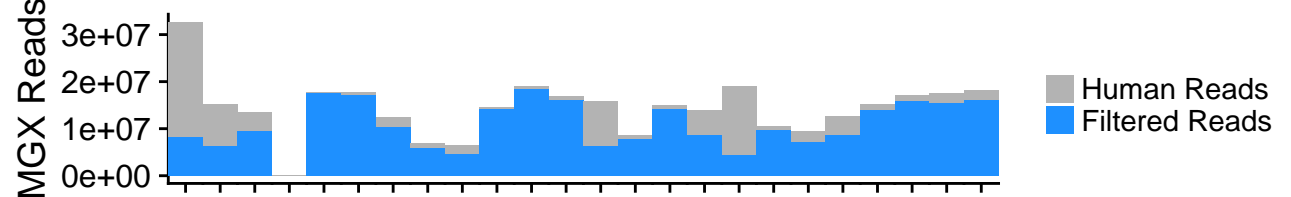
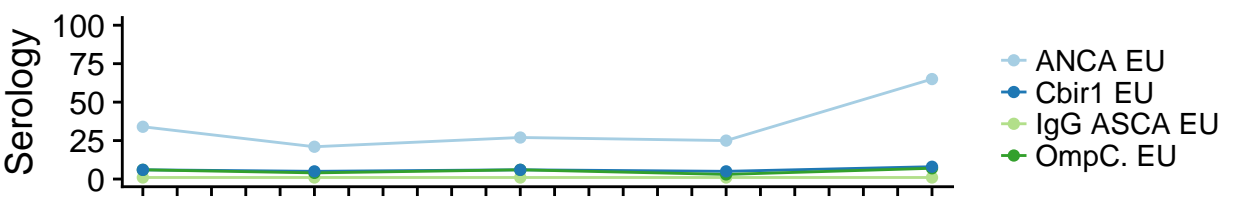
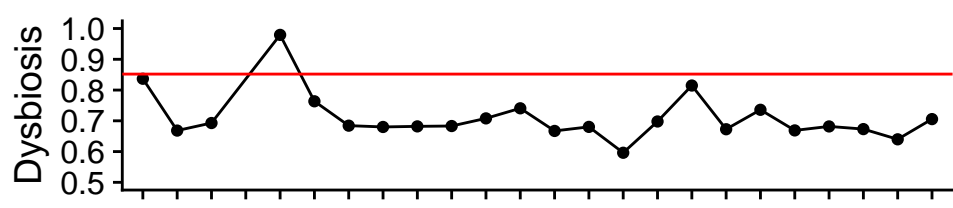
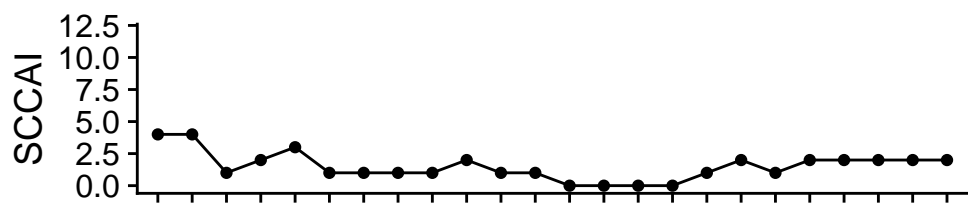
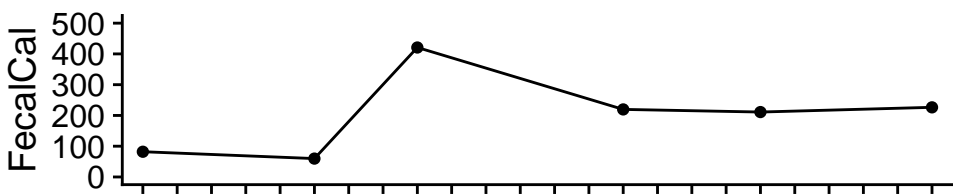
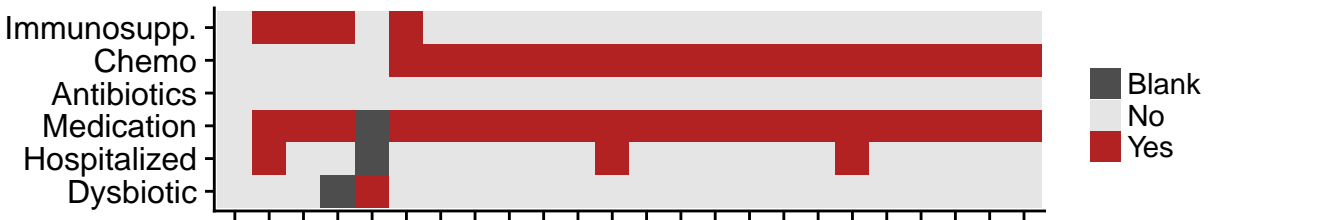
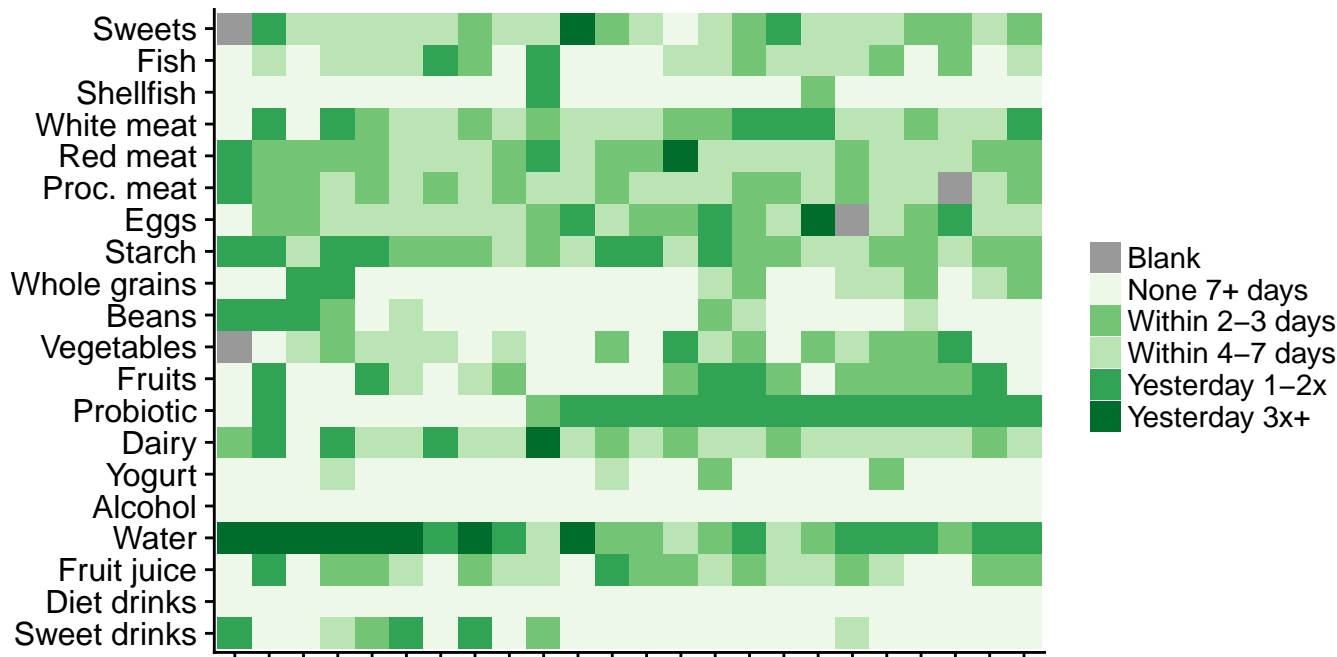


Proteins

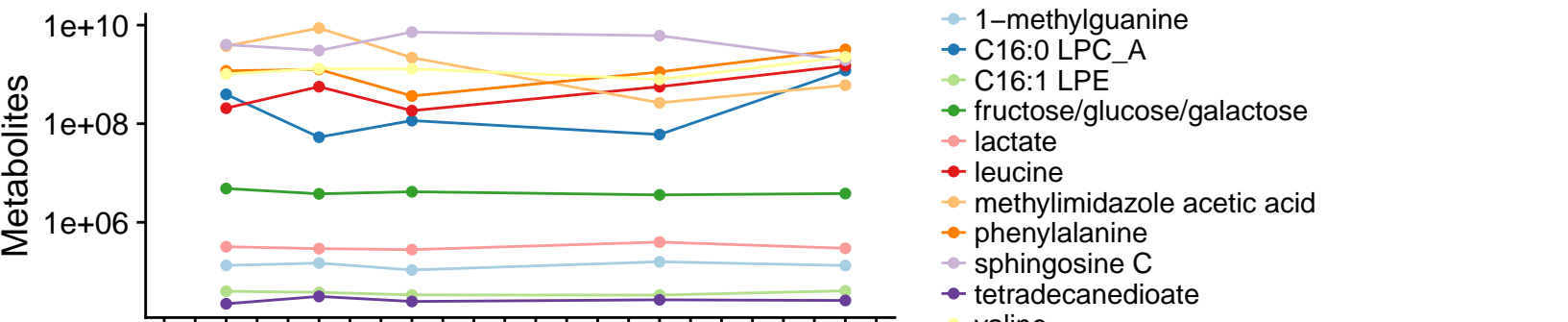
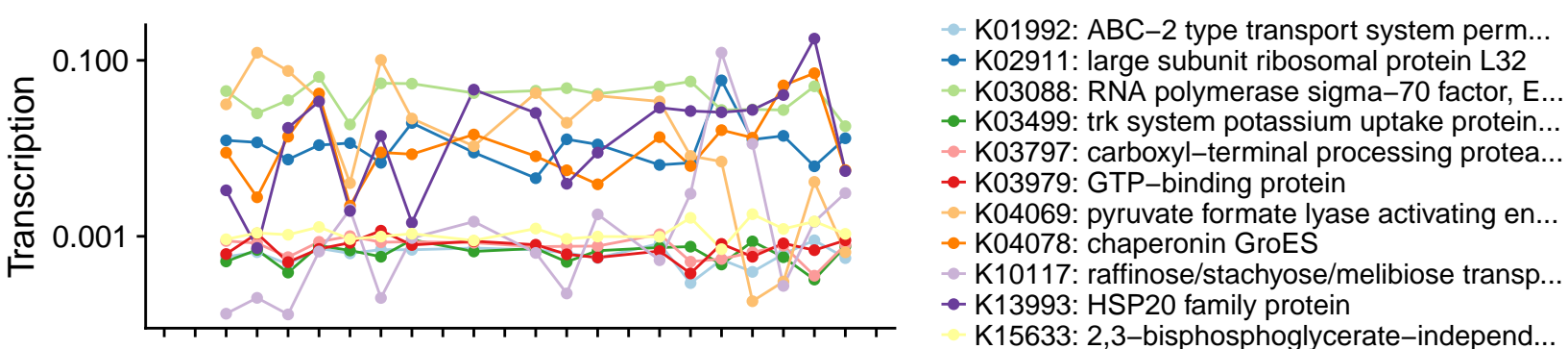
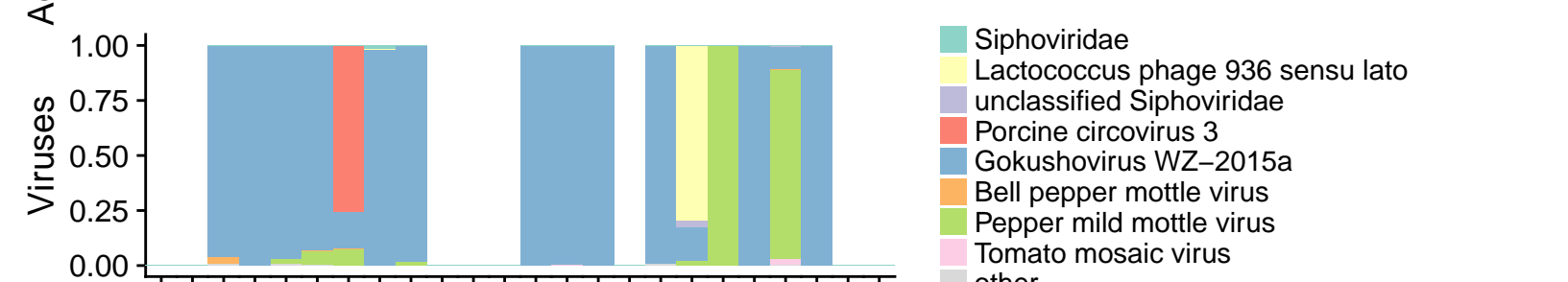
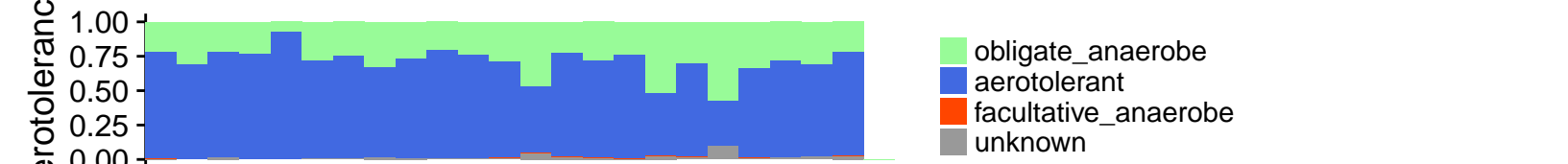
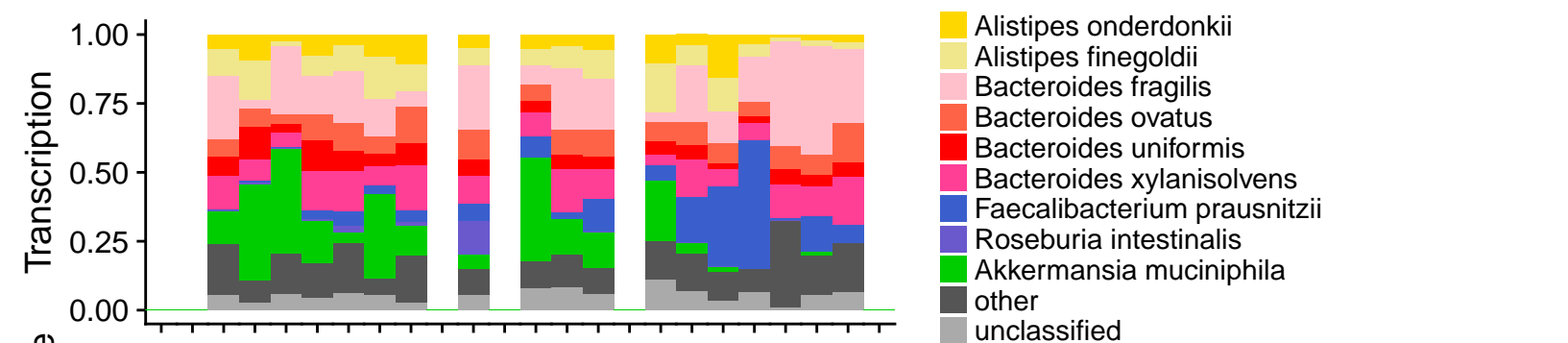
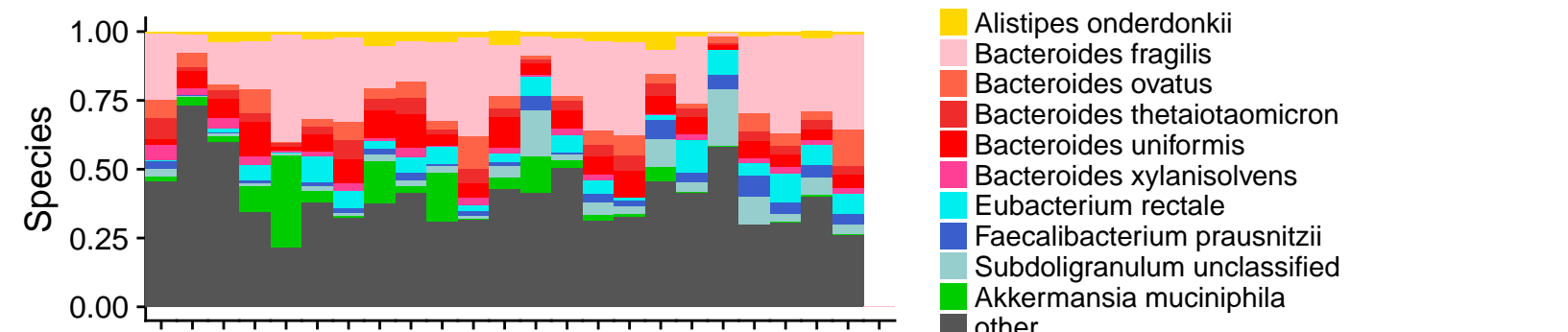
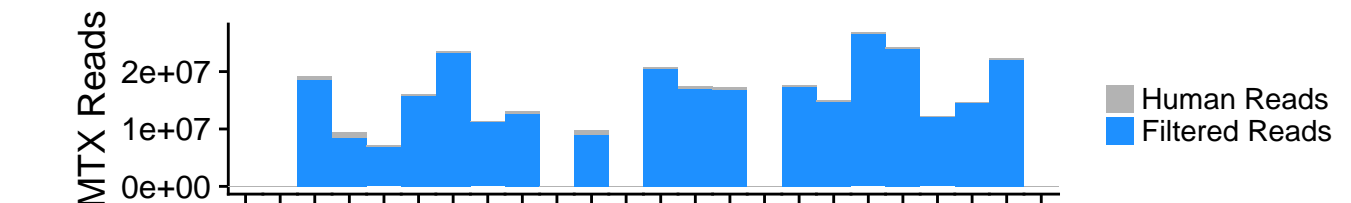
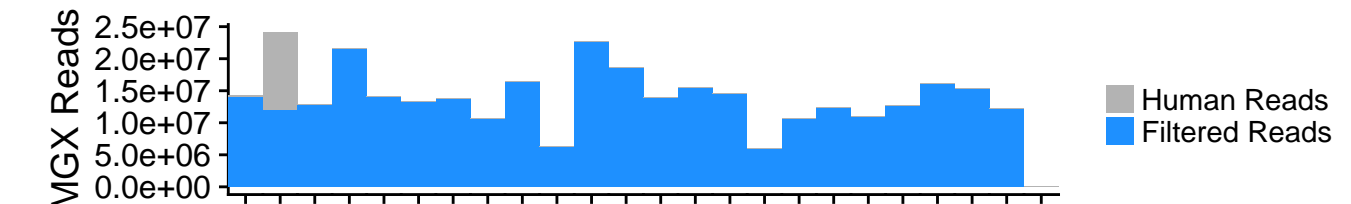
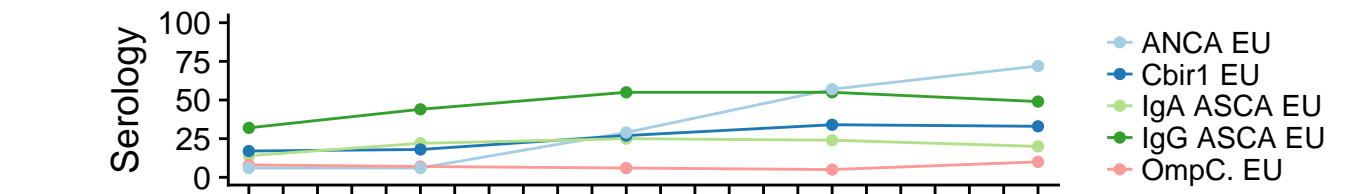
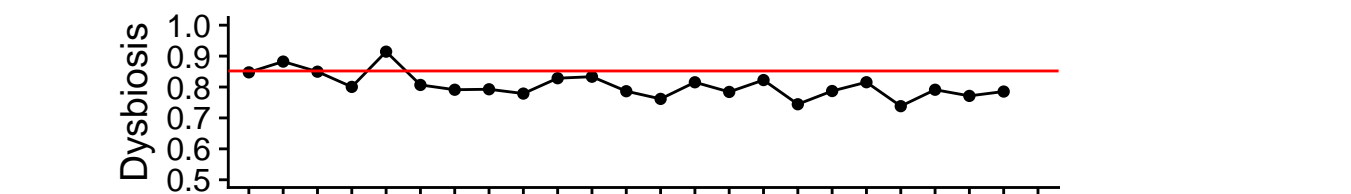
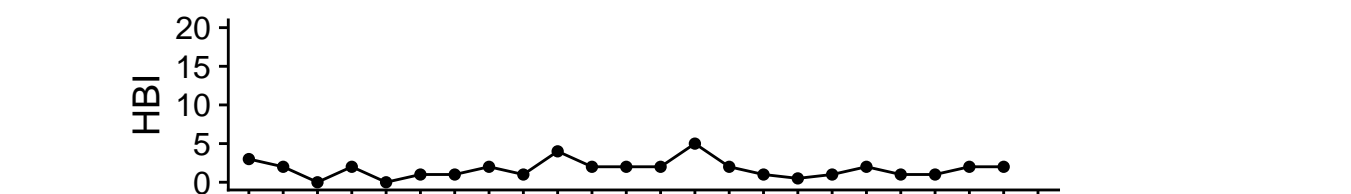
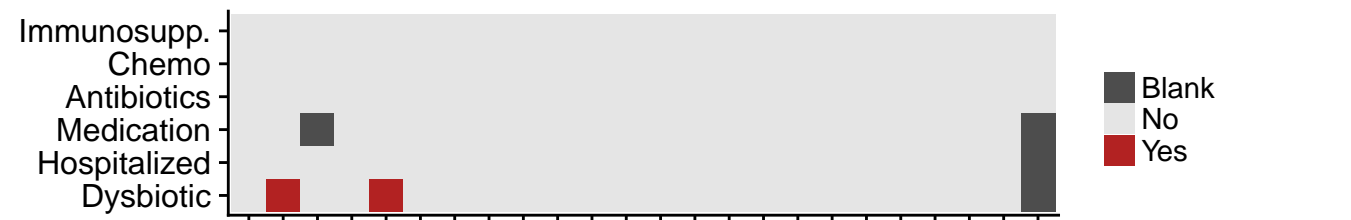
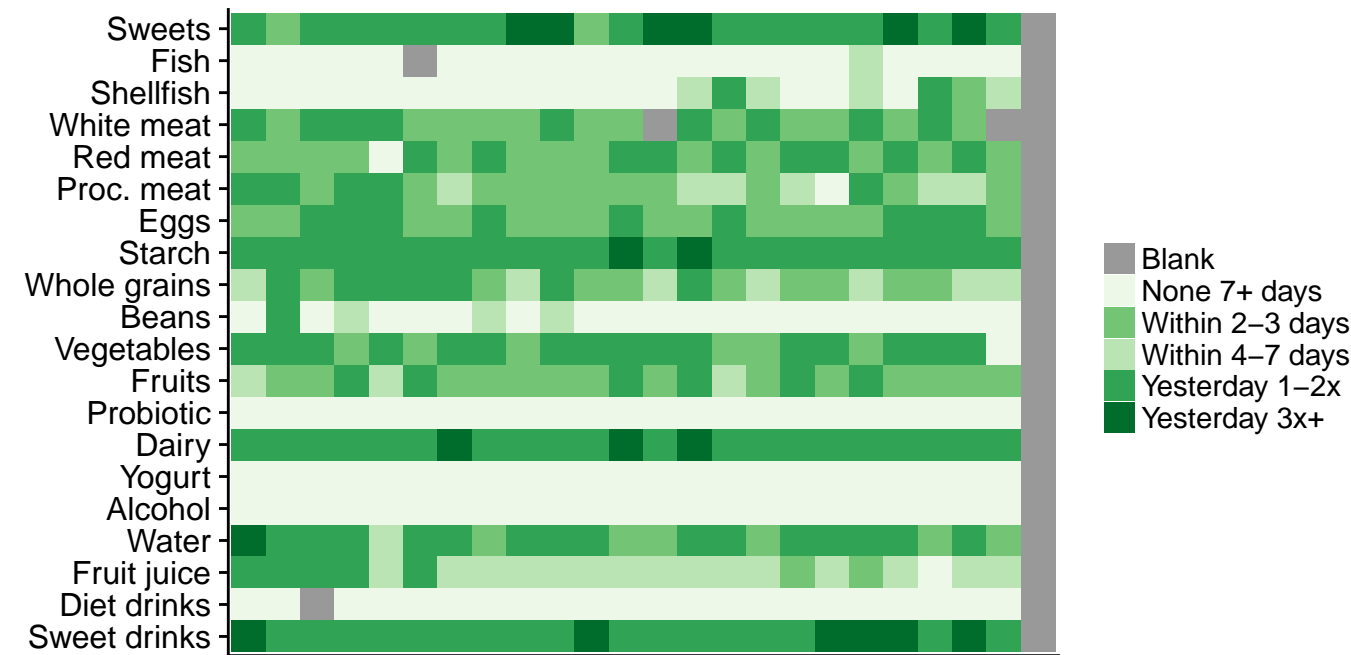
H4018: 13 Female White Cincinnati | nonIBD



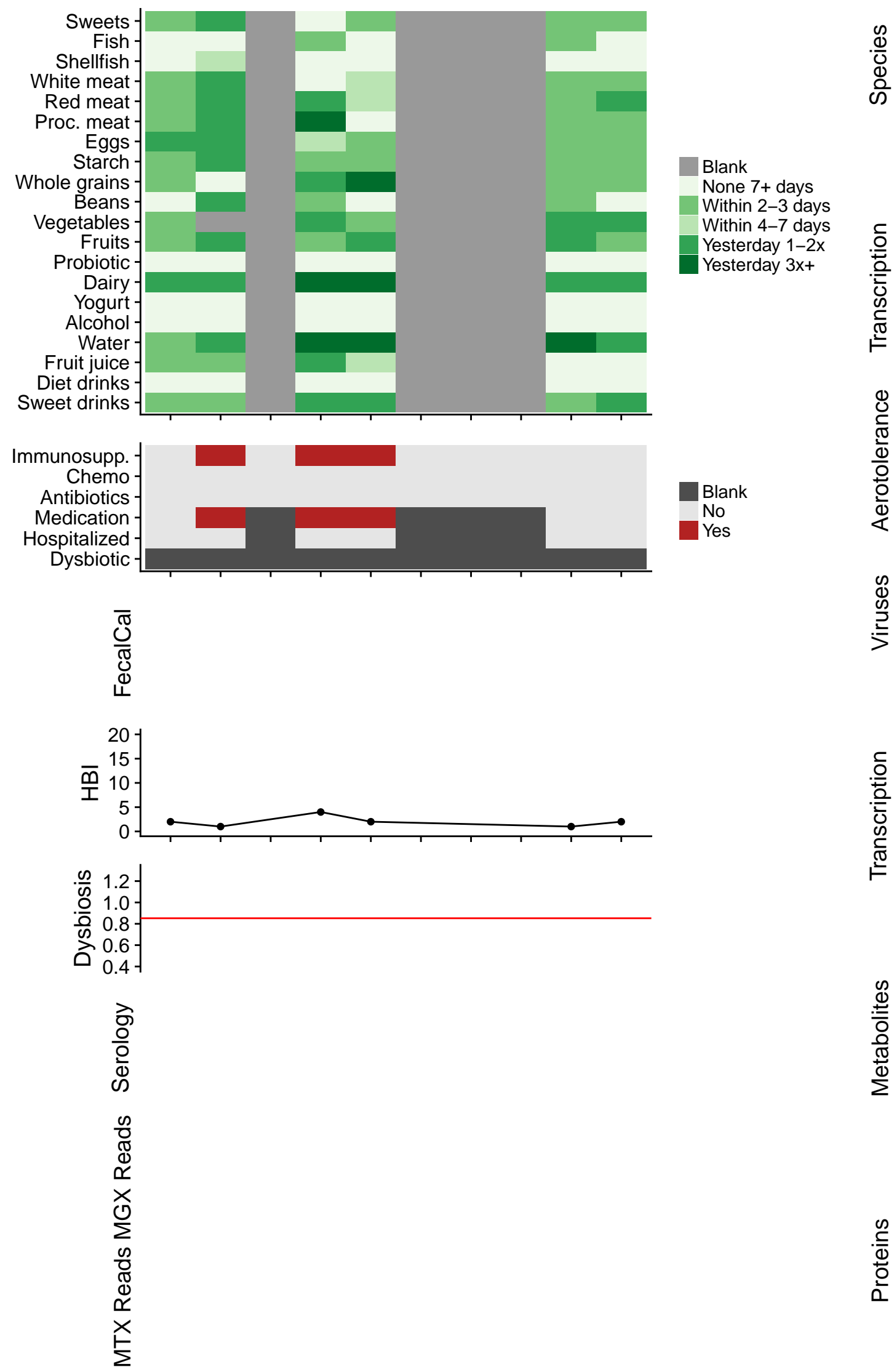
H4019: 11 Female Black or African American Cincinnati | UC



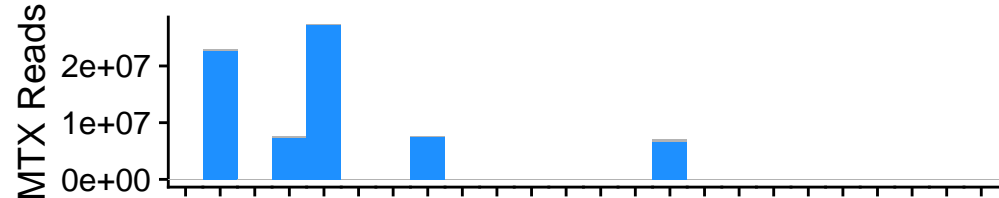
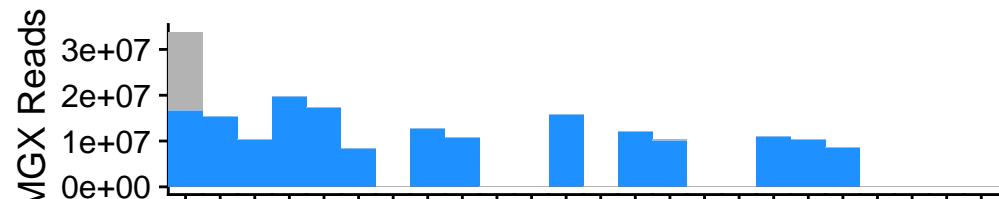
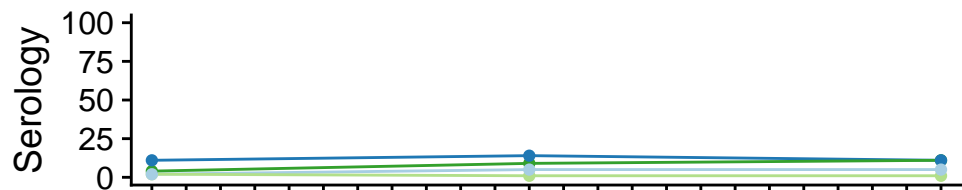
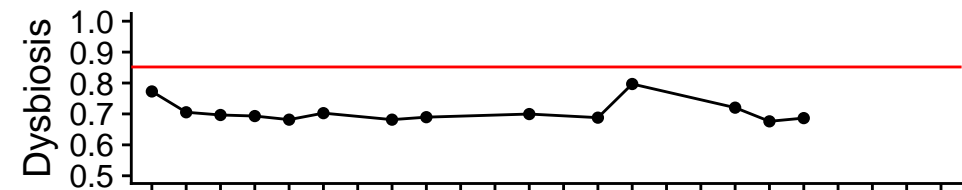
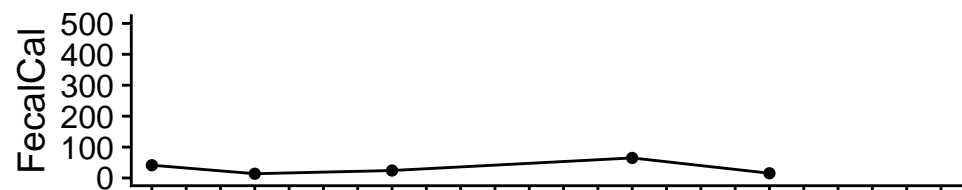
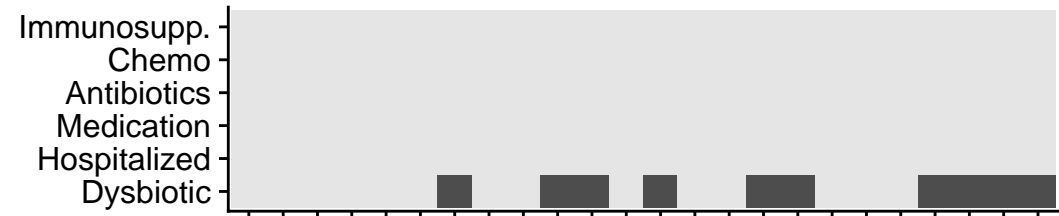
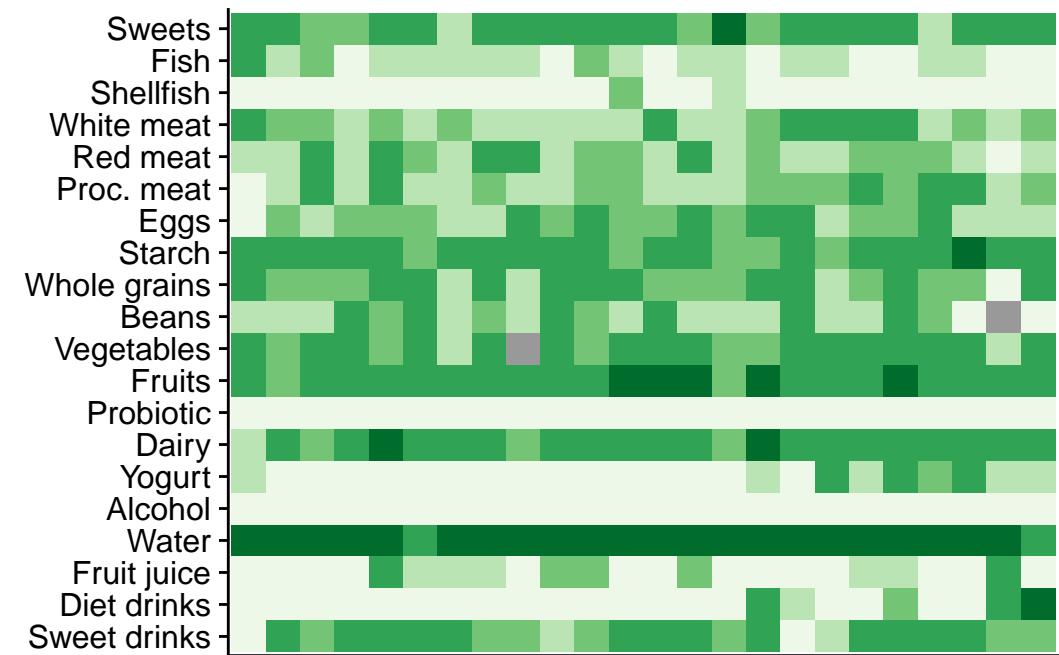
H4020: 13 Male White Cincinnati | CD L1+L4



H4021: 15 Male White Cincinnati | CD L3+L4



H4022: 9 Female White Cincinnati | nonIBD



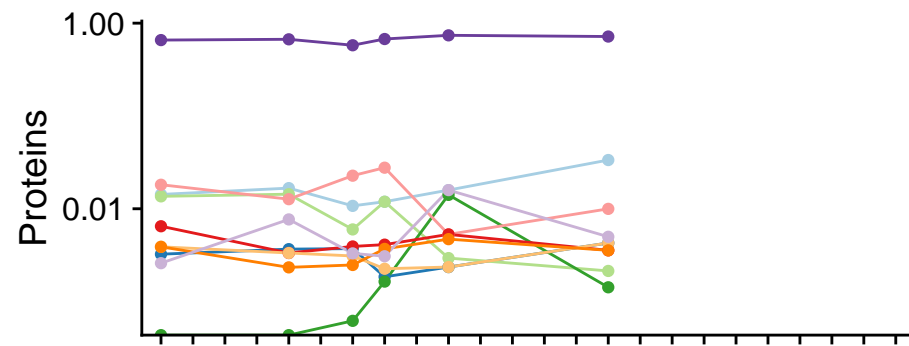
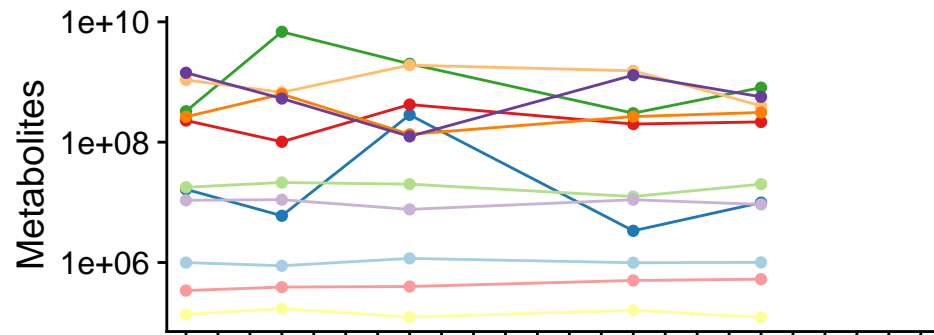
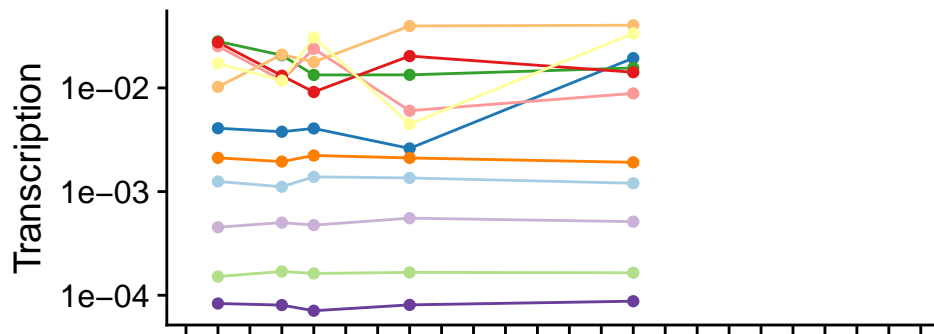
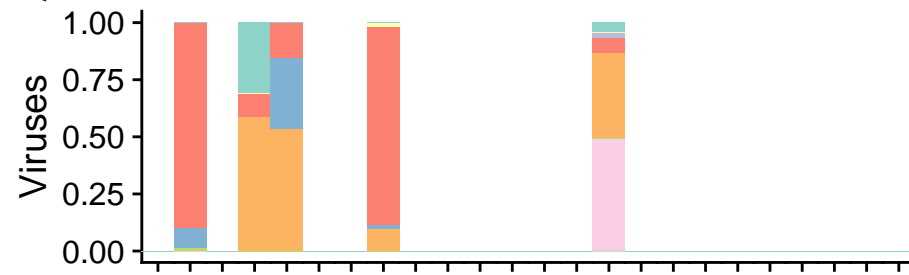
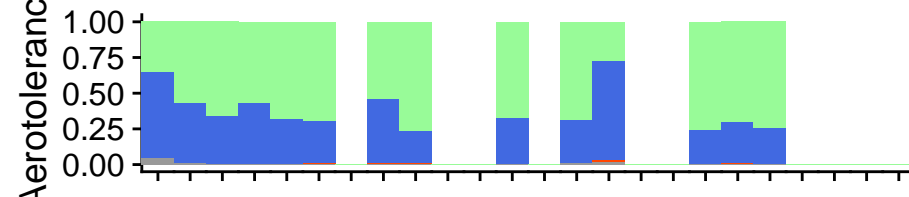
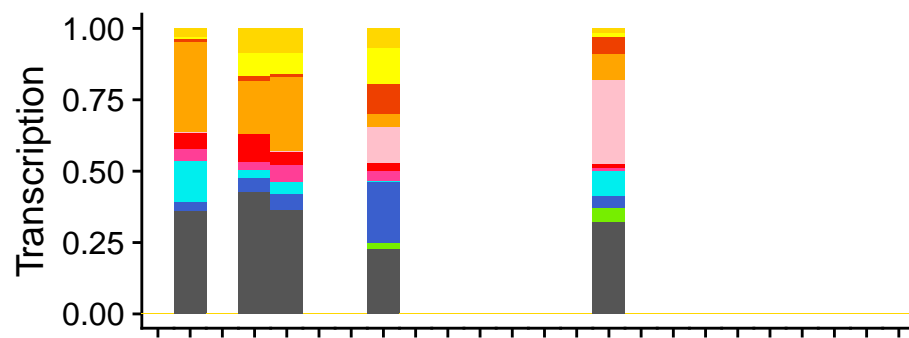
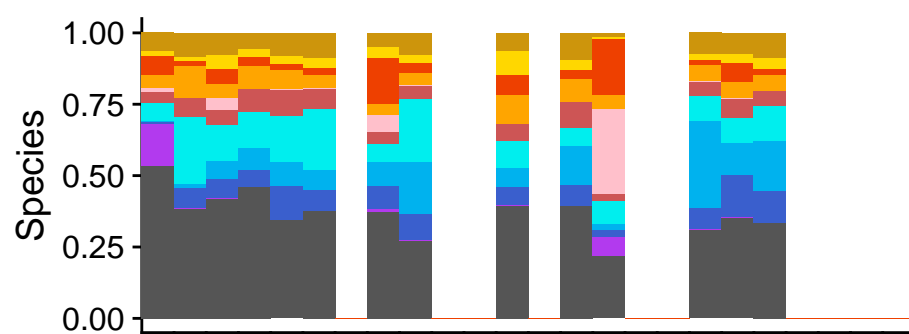
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No

ANCA EU
Cbir1 EU
IgG ASCA EU
OmpC. EU

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Alistipes putredinis
Alistipes onderdonkii
Bacteroides caccae
Bacteroides dorei
Bacteroides fragilis
Parabacteroides merdae
Eubacterium rectale
Eubacterium siraeum
Faecalibacterium prausnitzii
Ruminococcus torques
other

Alistipes onderdonkii
Alistipes shahii
Bacteroides caccae
Bacteroides dorei
Bacteroides fragilis
Bacteroides uniformis
Bacteroides xylanisolvens
Eubacterium rectale
Faecalibacterium prausnitzii
Escherichia coli
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

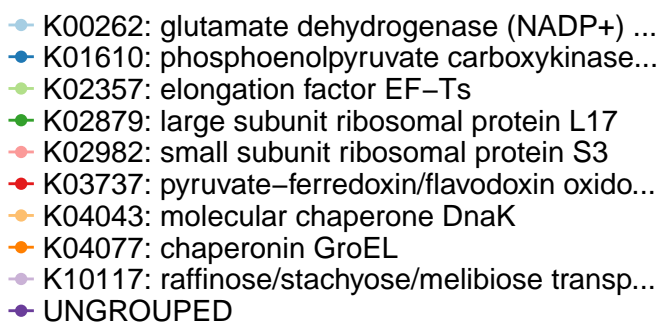
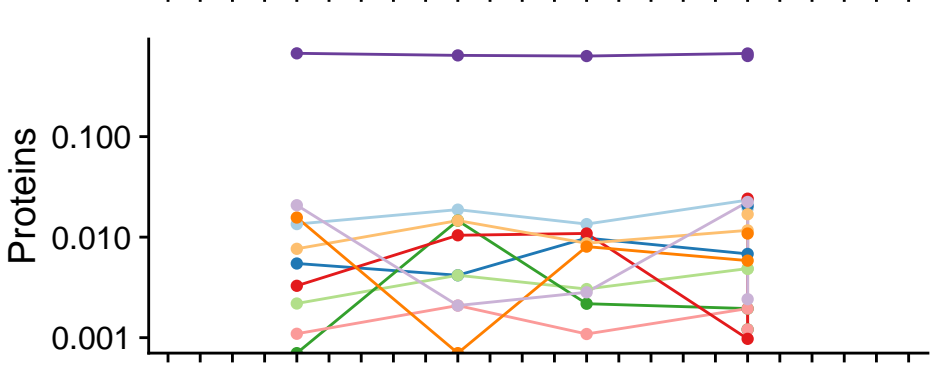
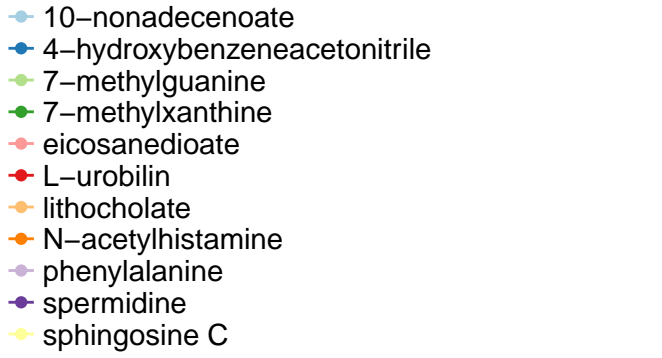
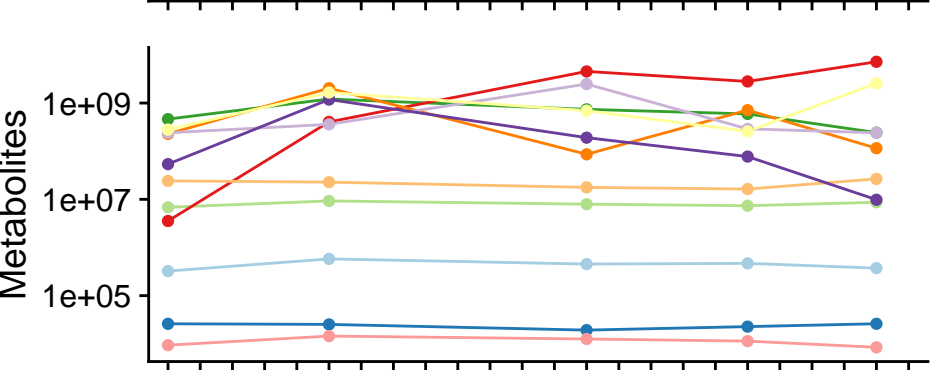
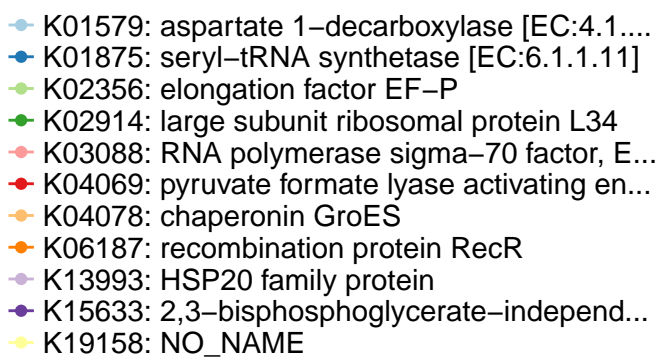
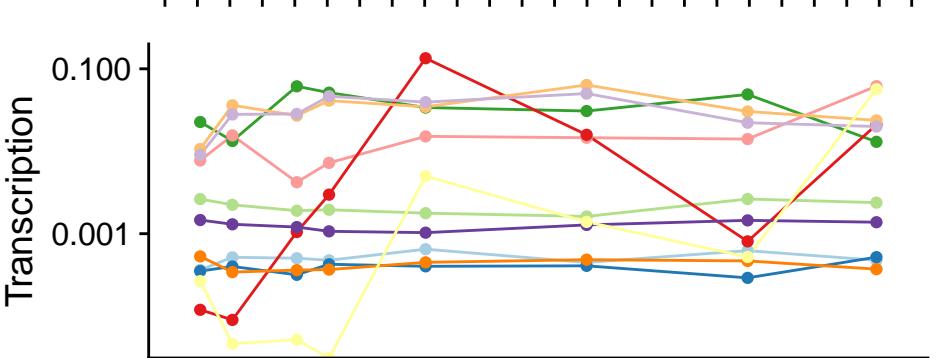
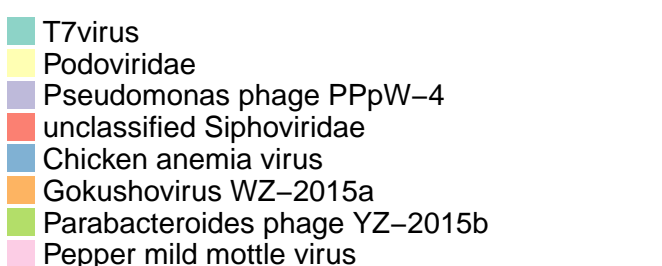
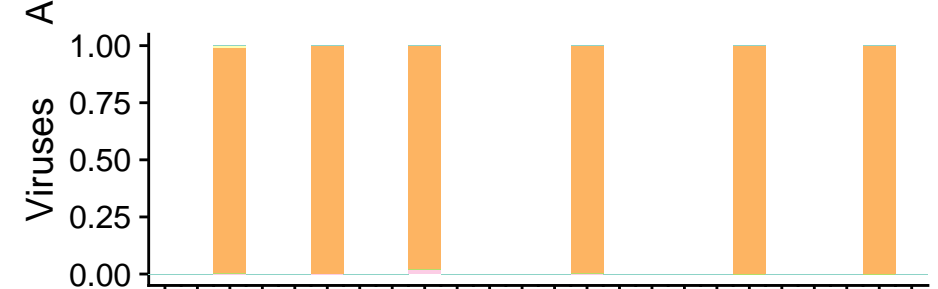
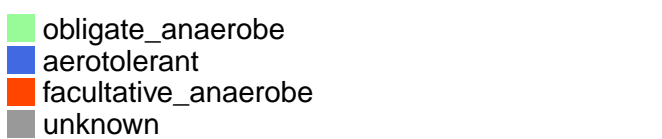
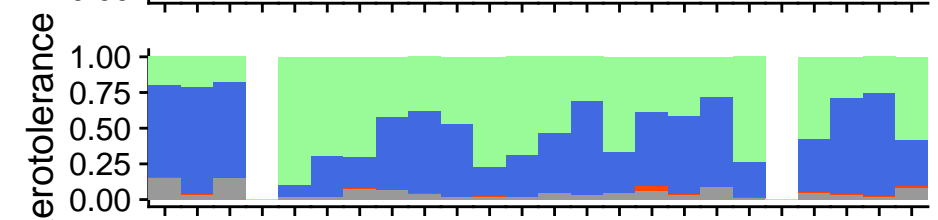
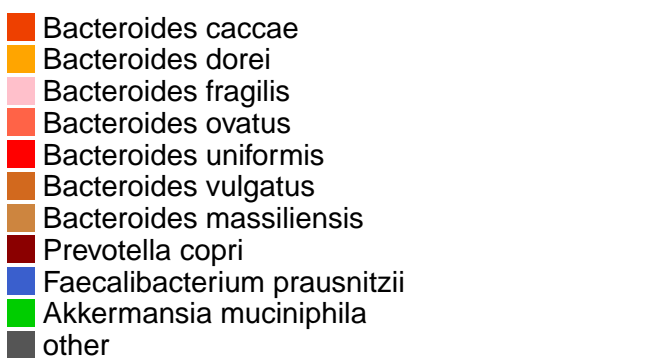
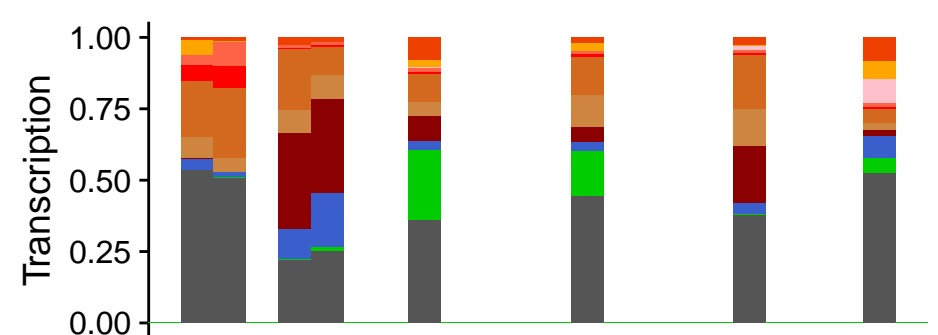
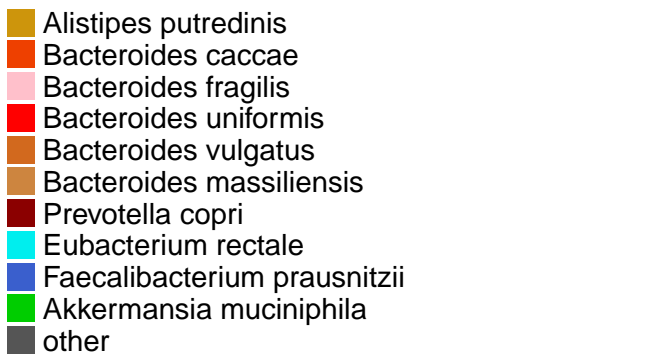
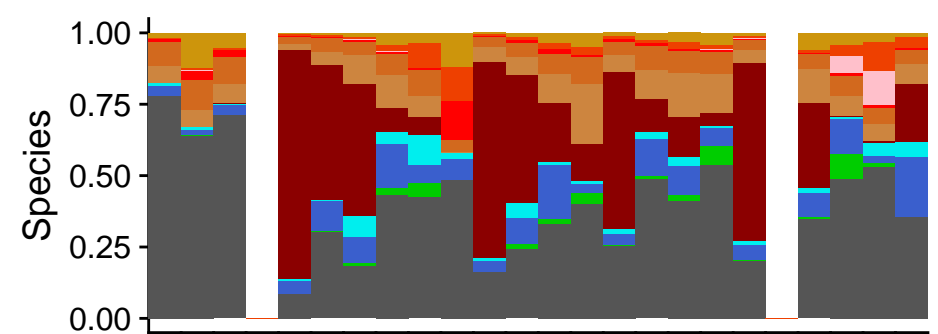
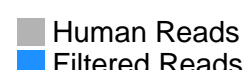
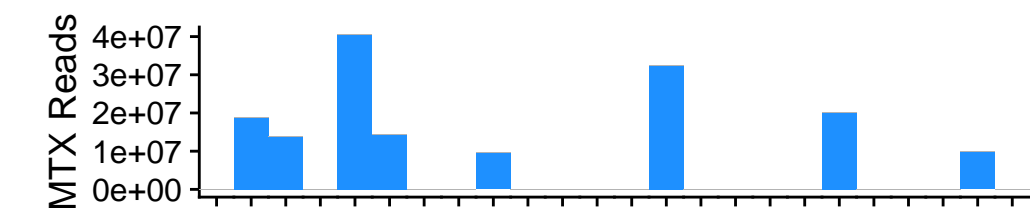
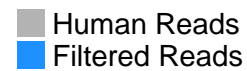
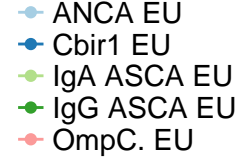
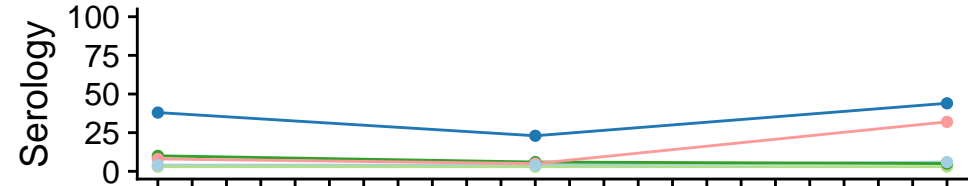
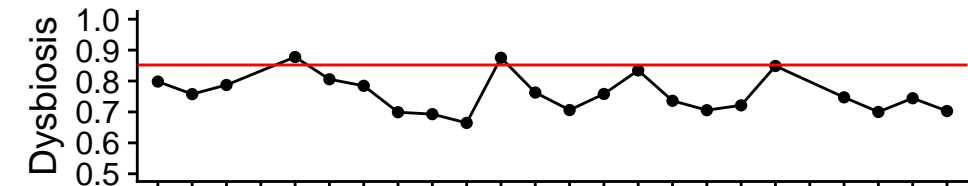
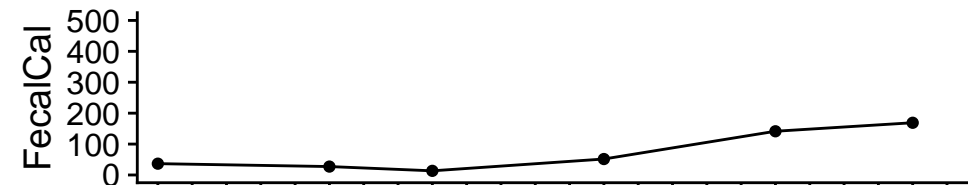
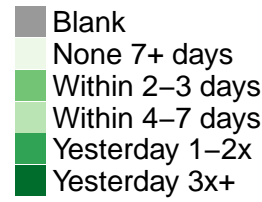
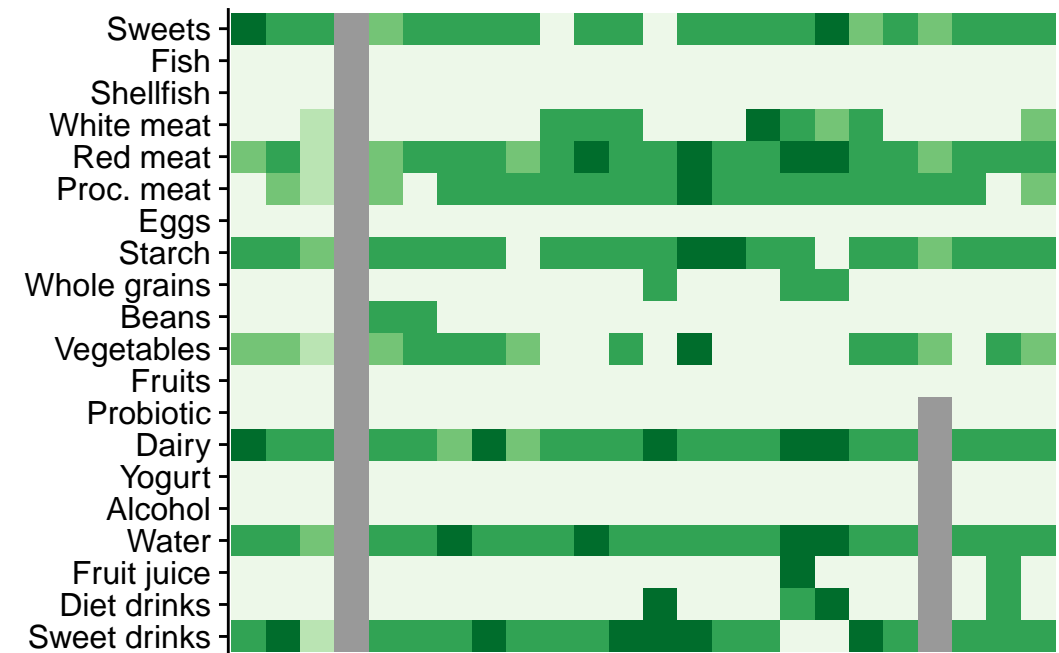
Lactococcus phage 936 sensu lato
Human picobirnavirus
Beet curly top virus
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tomato mosaic virus
Tobamovirus
Tomato mottle mosaic virus
other

K00648: 3-oxoacyl-[acyl-carrier-protein] sy...
K01265: methionyl aminopeptidase
K01925: UDP-N-acetylmuramoylalanine--D...
K02078: acyl carrier protein
K02914: large subunit ribosomal protein L34
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03522: electron transfer flavoprotein alpha s...
K04567: lysyl-tRNA synthetase, class II [EC:...
K07444: putative N6-adenine-specific DNA ...
K13993: HSP20 family protein

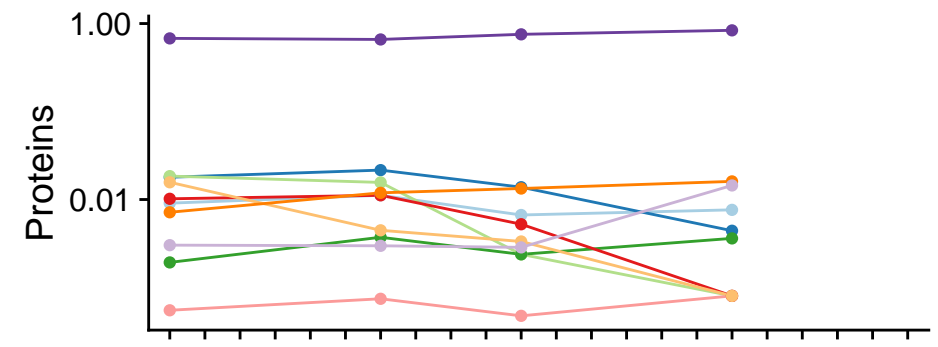
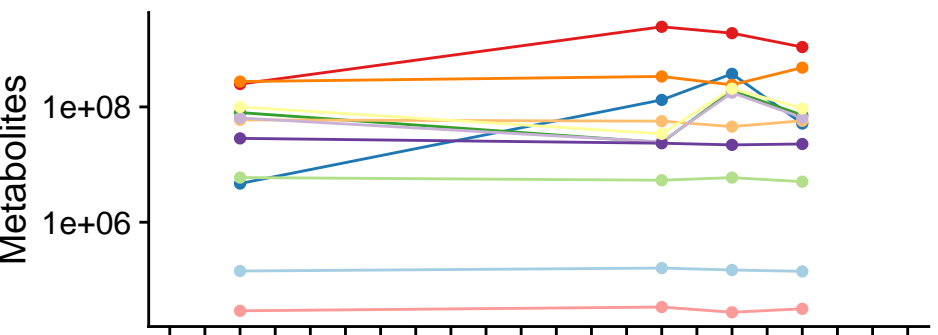
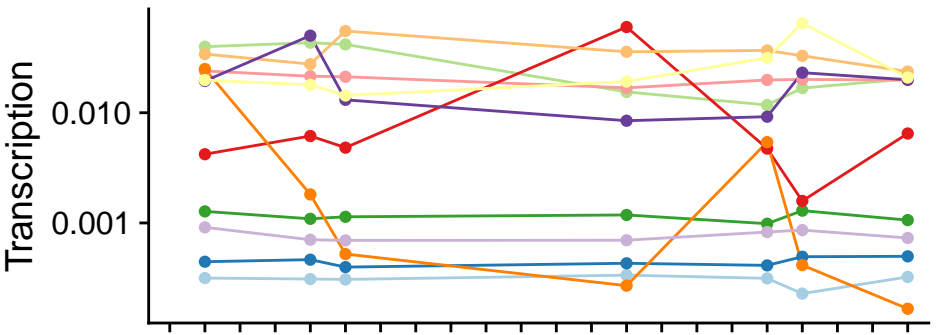
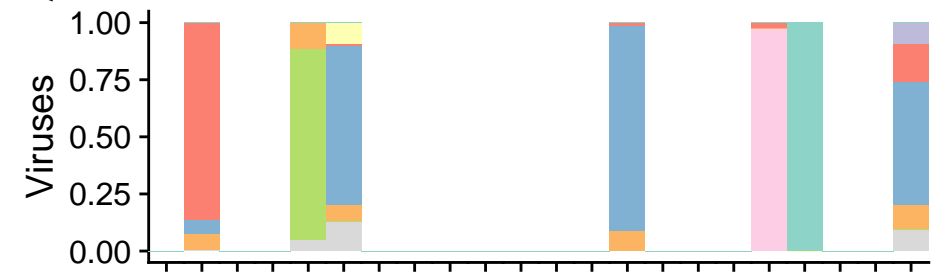
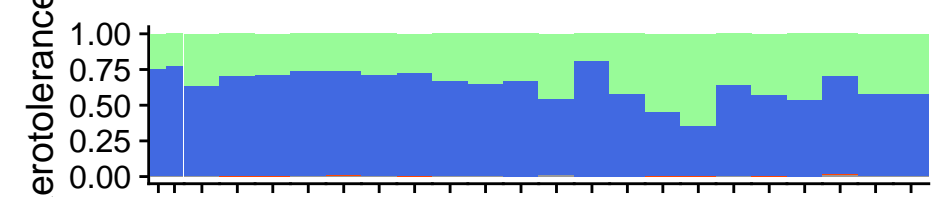
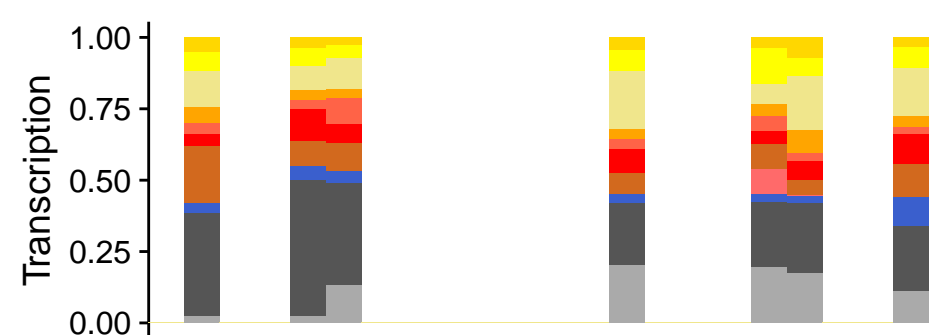
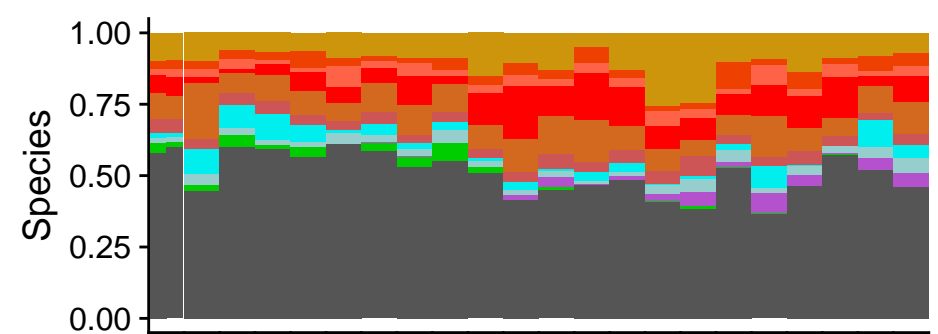
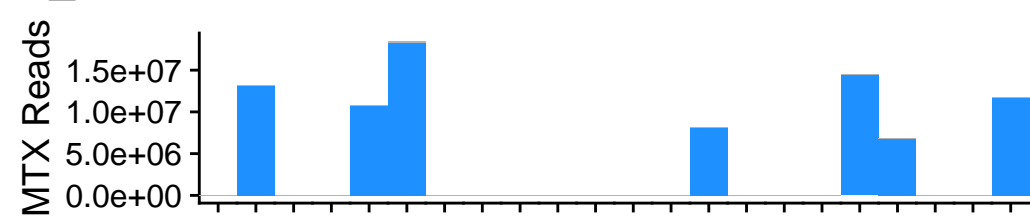
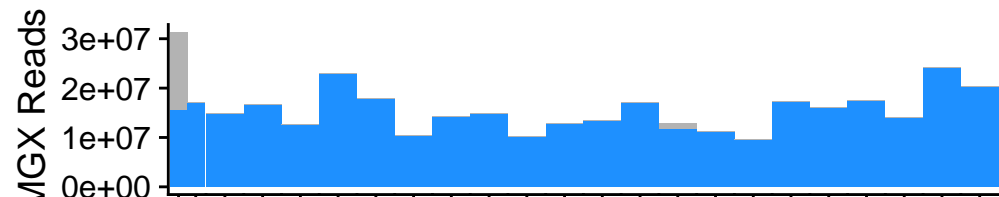
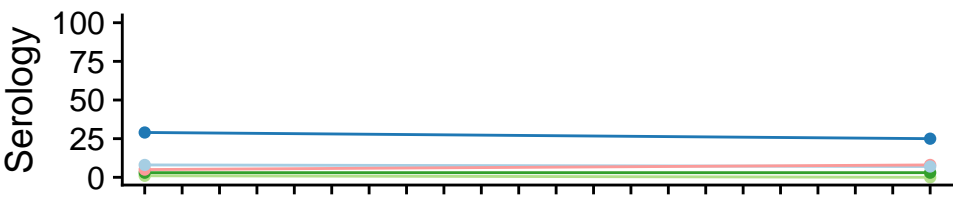
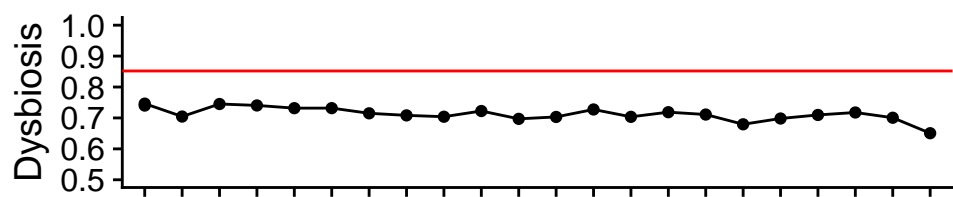
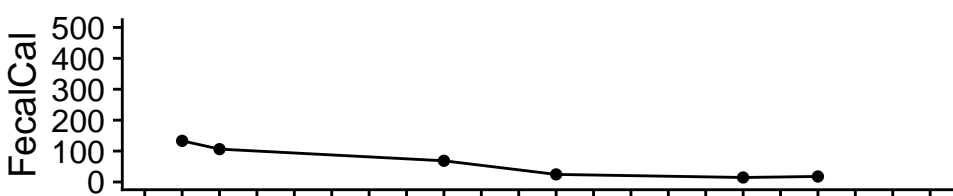
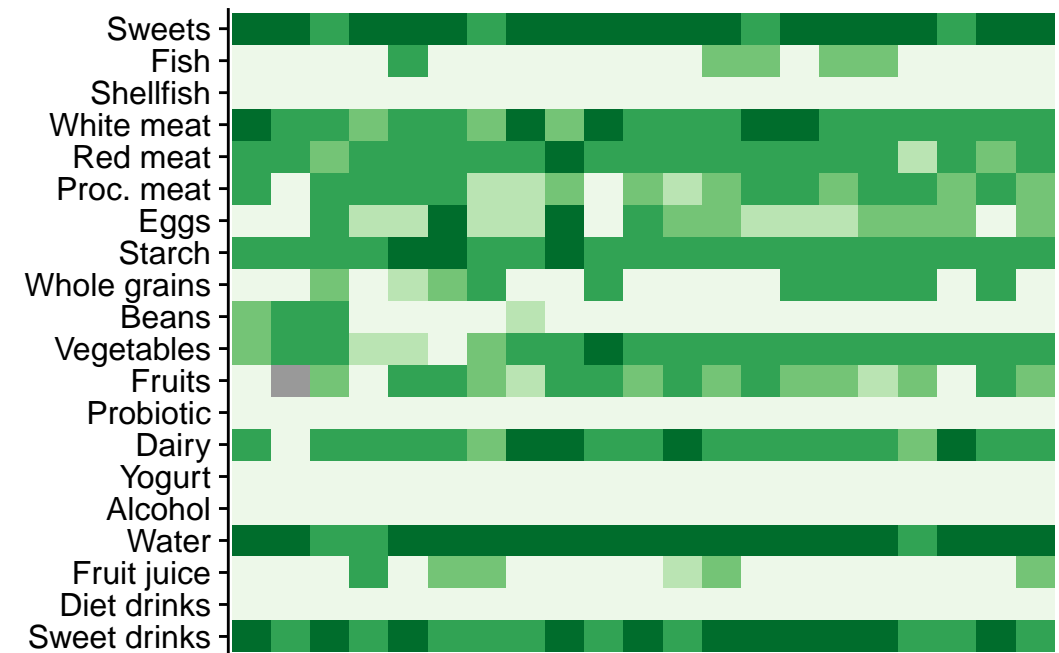
azelate
C22:6 LPE
imidazoleacetic acid
L-urobilin
lactate
leucine
methylimidazole acetic acid
N-acetylhistamine
sphingosine A
sphingosine C
undecanedionate

K00262: glutamate dehydrogenase (NADP+) ...
K00927: phosphoglycerate kinase [EC:2.7.2.3]
K01610: phosphoenolpyruvate carboxykinase...
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K02867: large subunit ribosomal protein L11
K02931: large subunit ribosomal protein L5
K02996: small subunit ribosomal protein S9
K10117: raffinose/stachyose/melibiose transp...
UNGROUPED

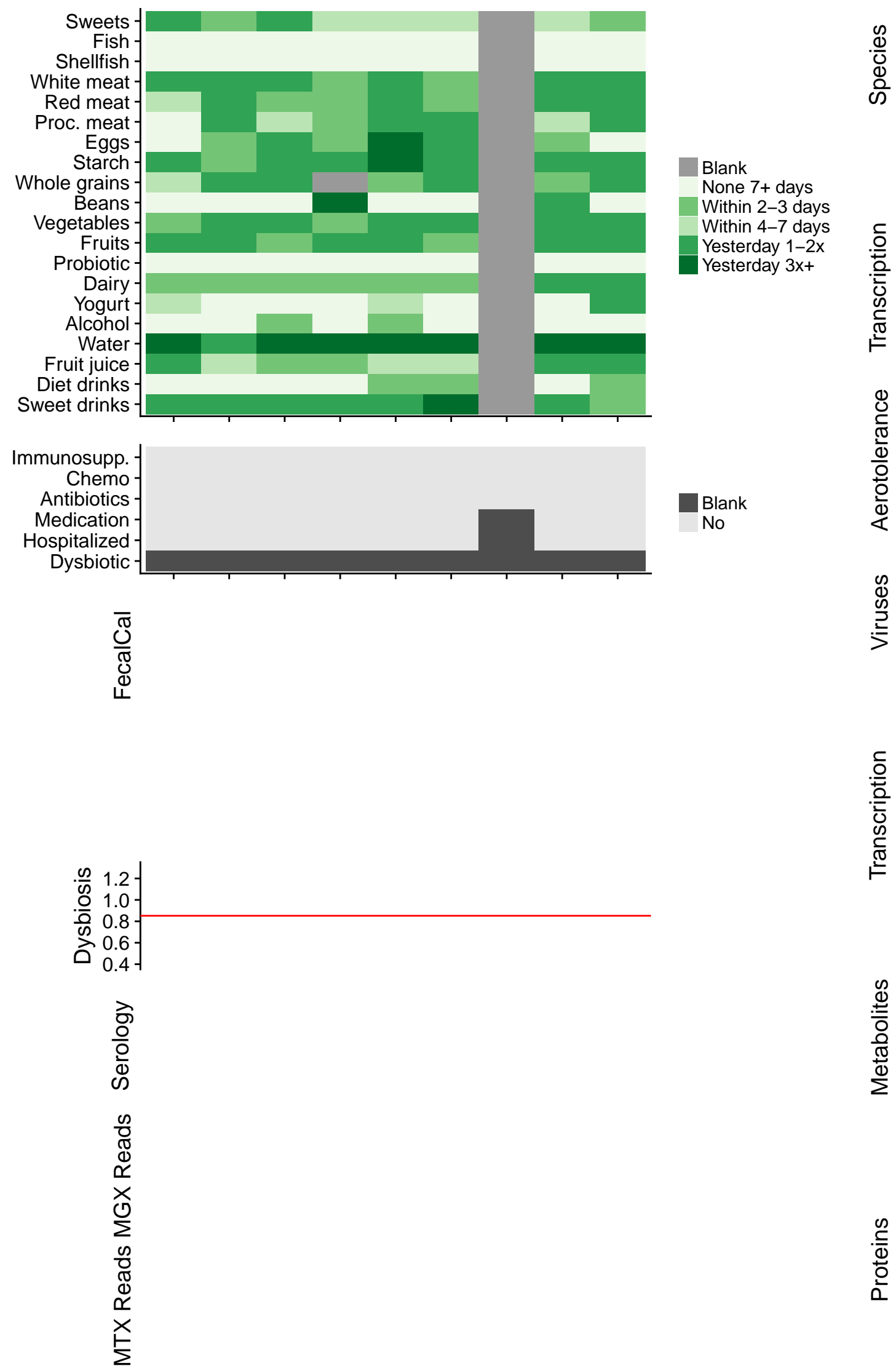
H4023: 16 Male White Cincinnati | nonIBD



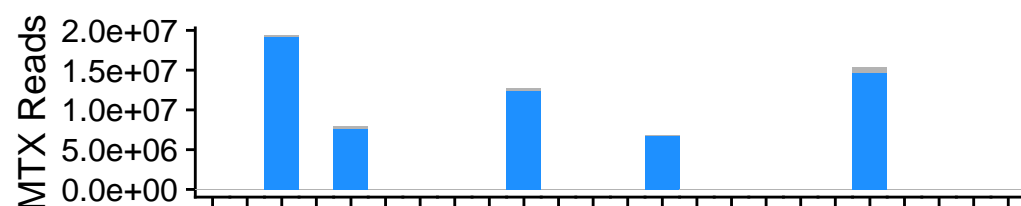
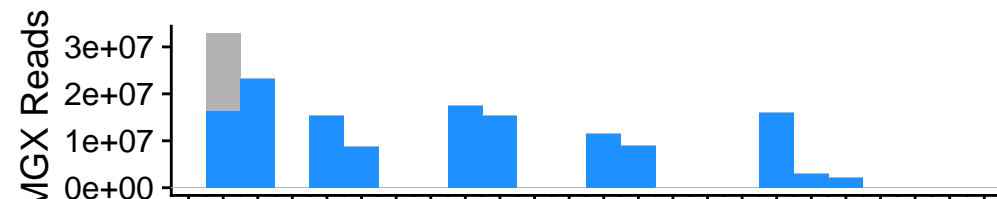
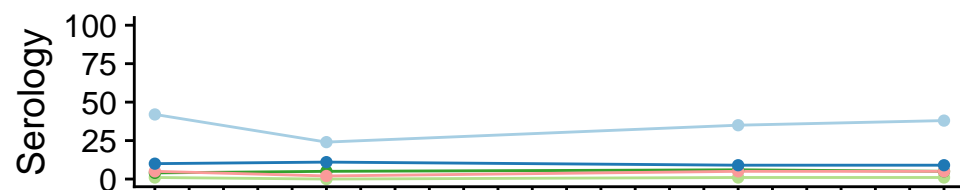
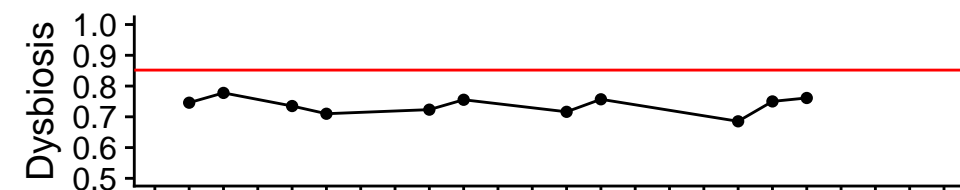
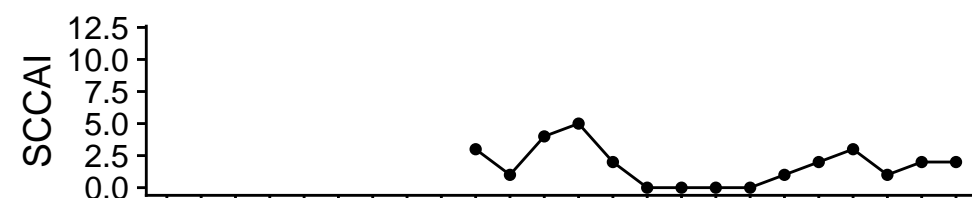
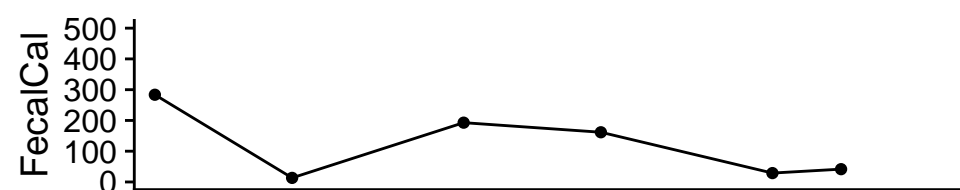
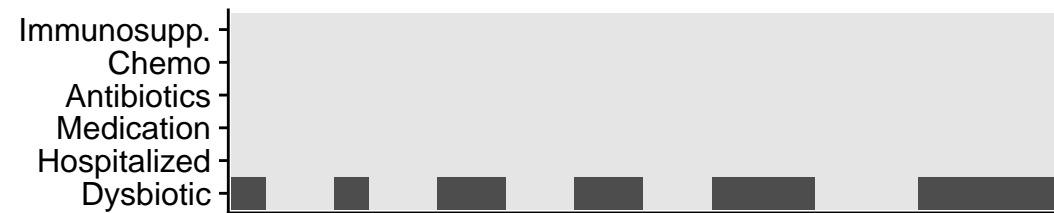
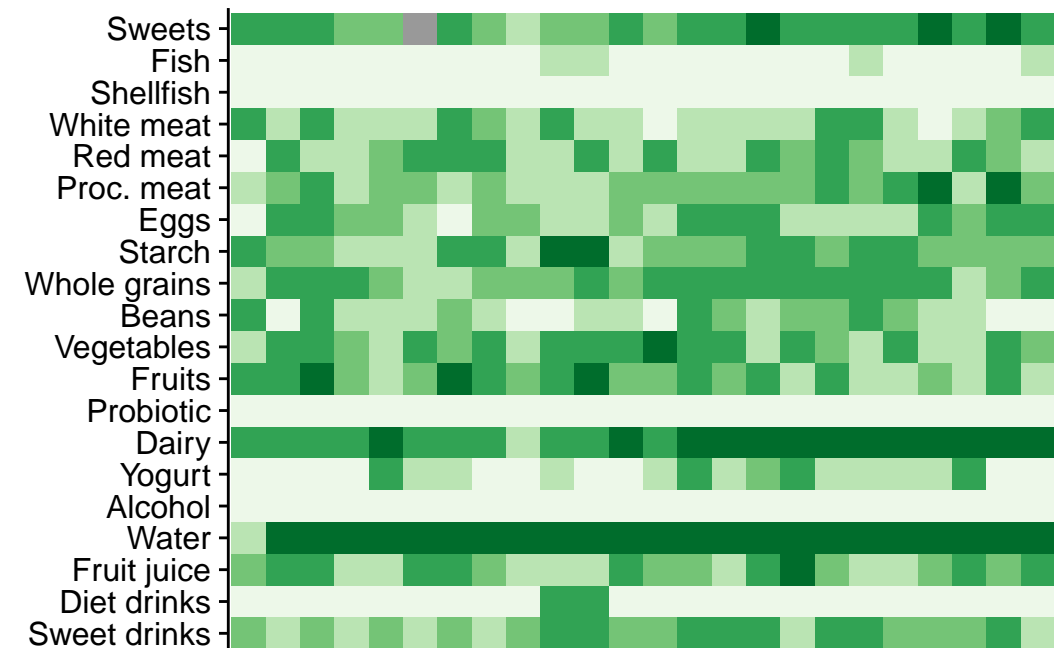
H4024: 11 Male White Cincinnati | nonIBD



H4026: 17 Female White Cincinnati | nonIBD



H4027: 15 Male White Cincinnati | UC L2+L4



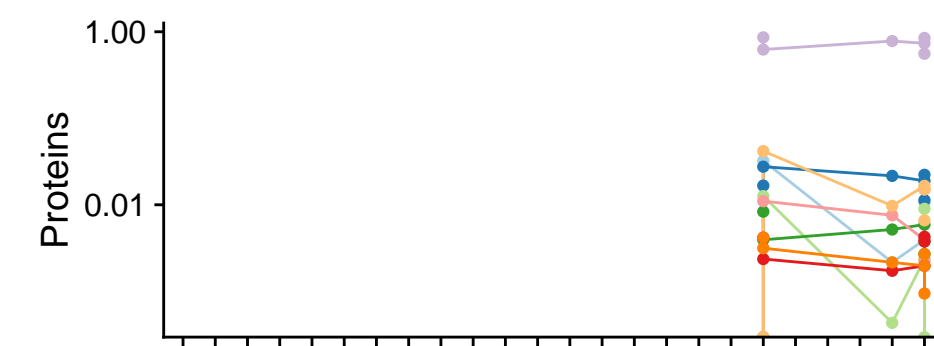
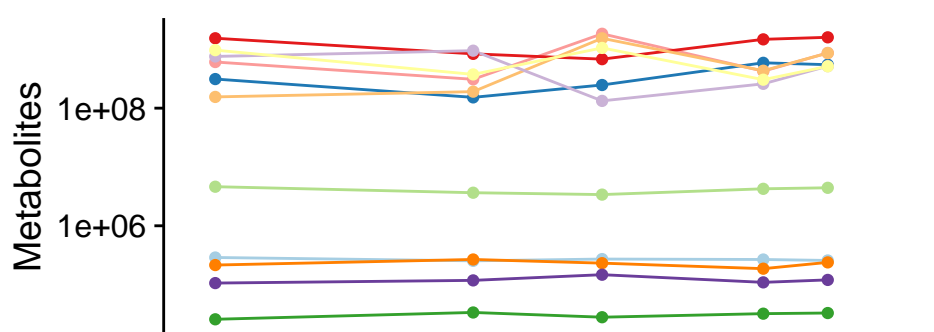
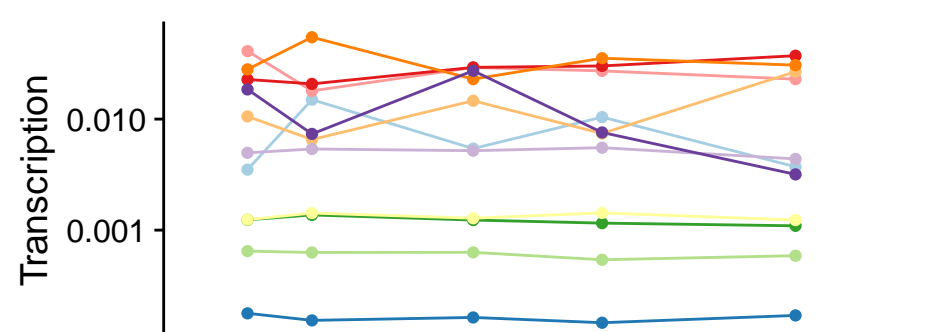
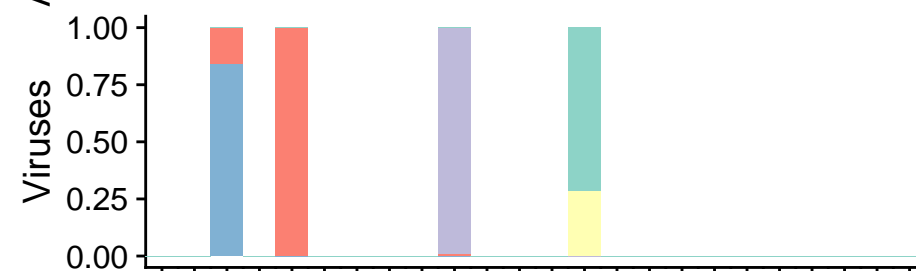
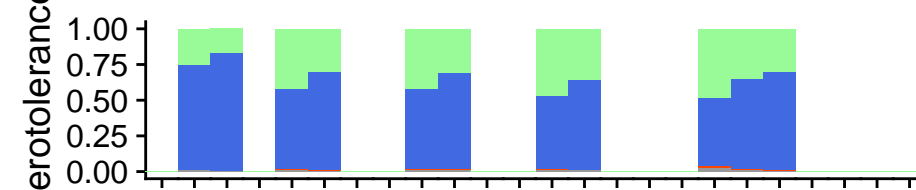
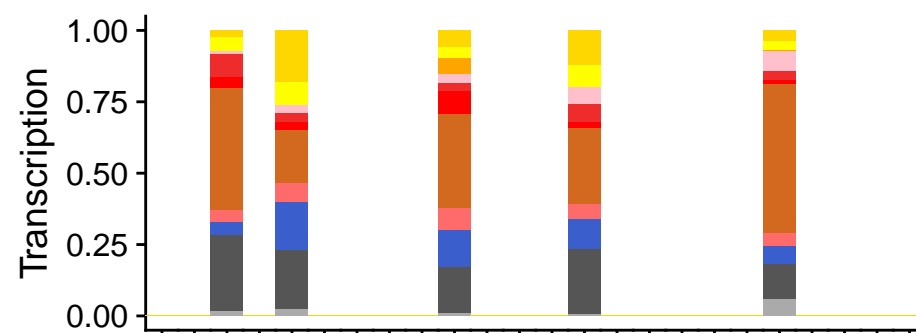
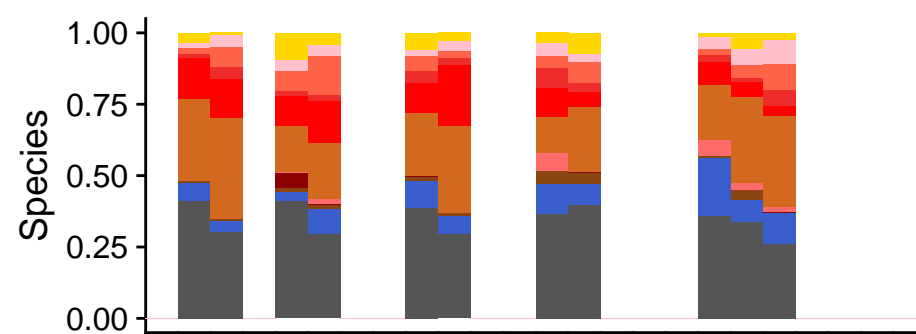
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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 thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

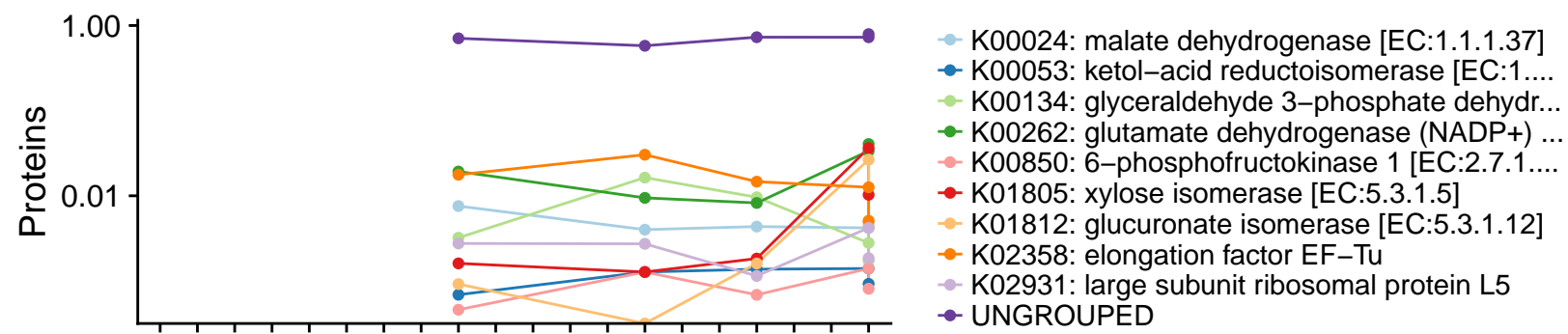
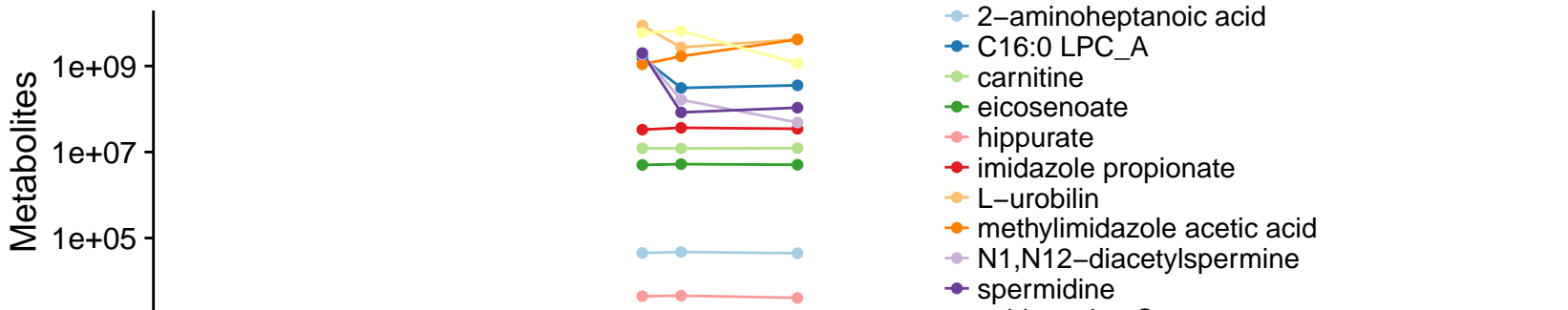
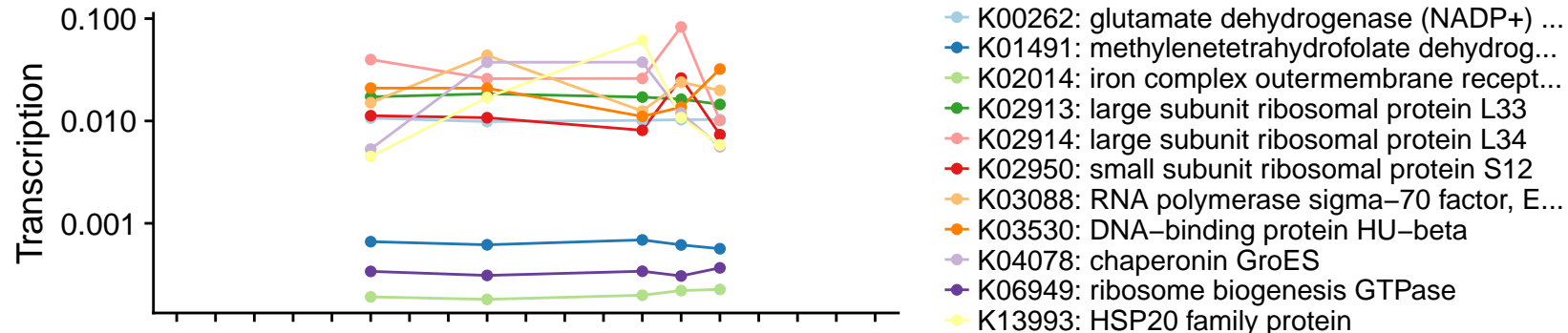
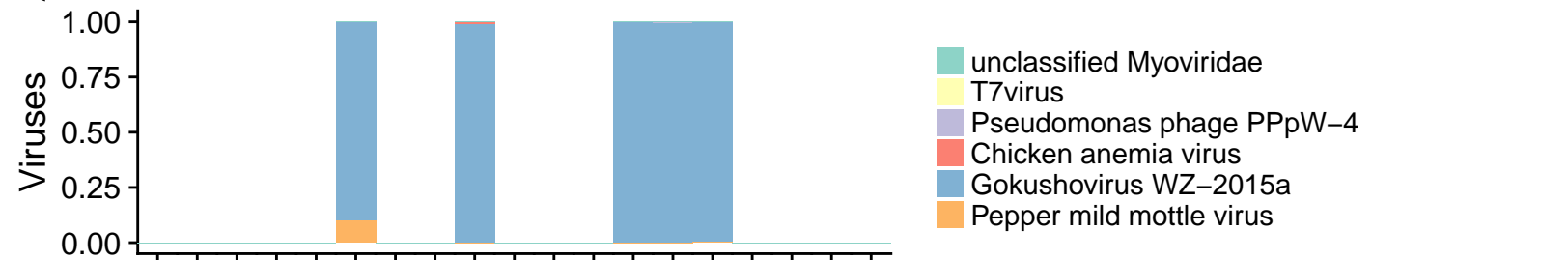
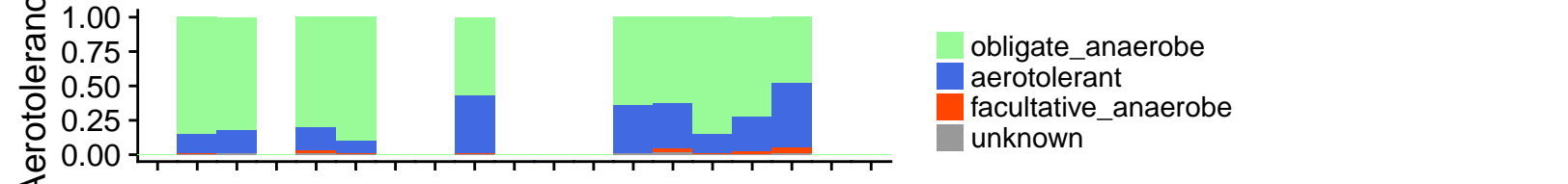
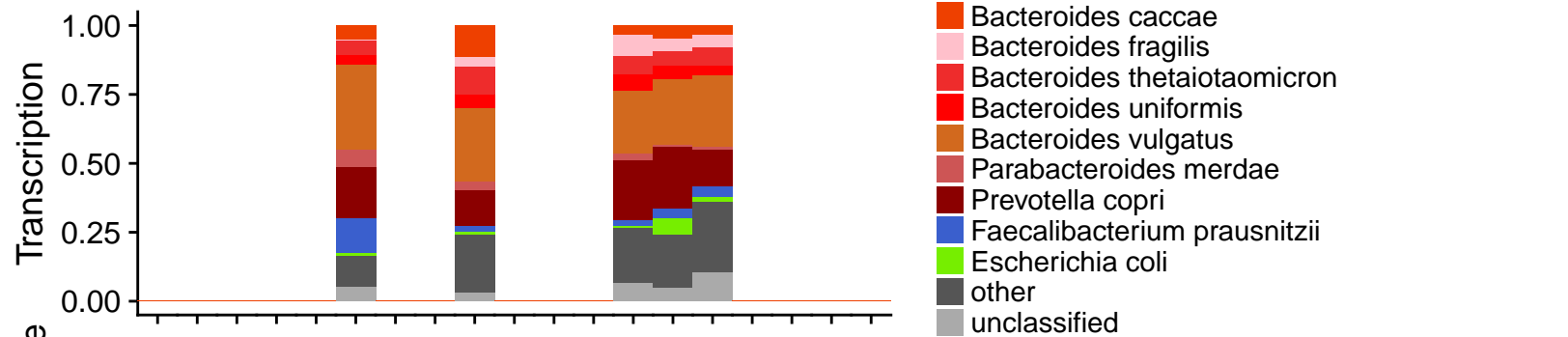
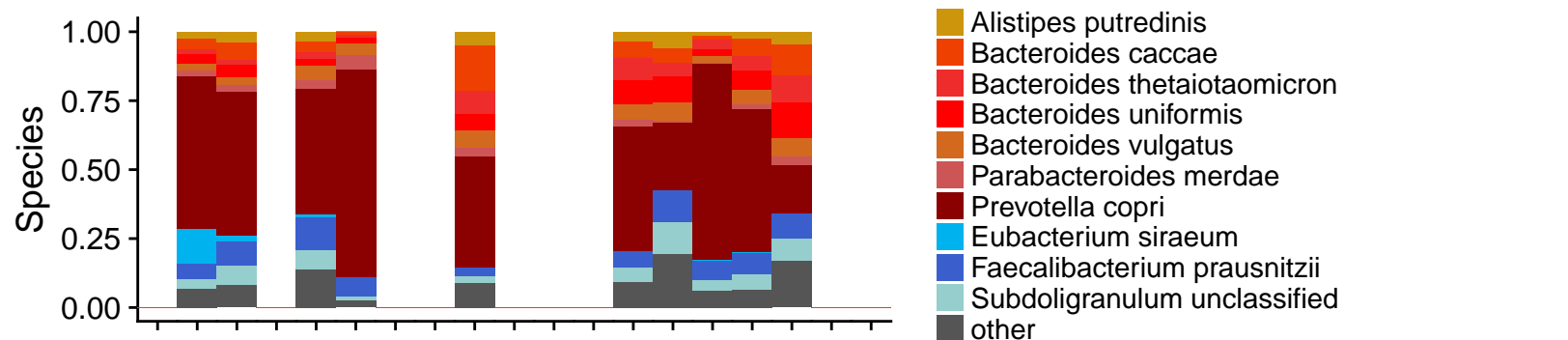
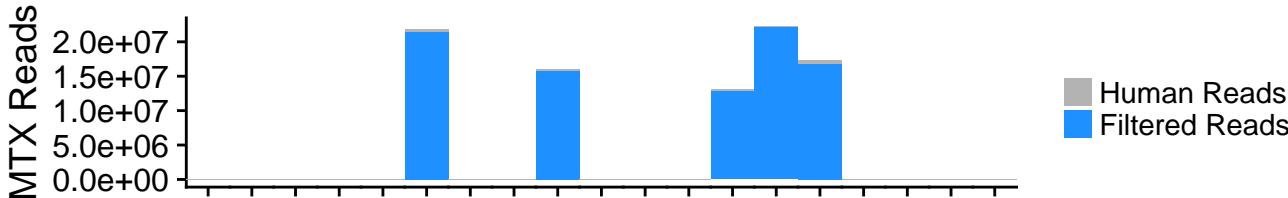
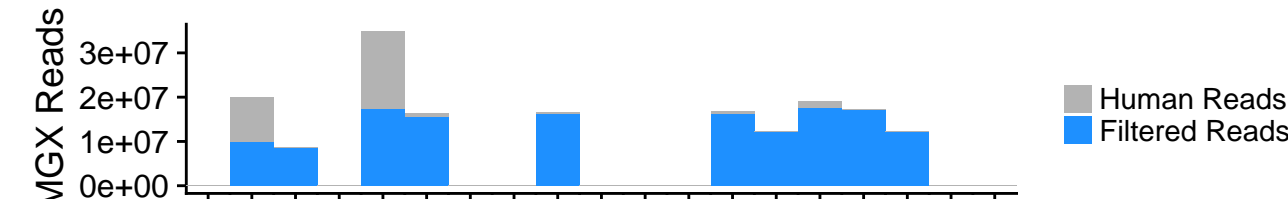
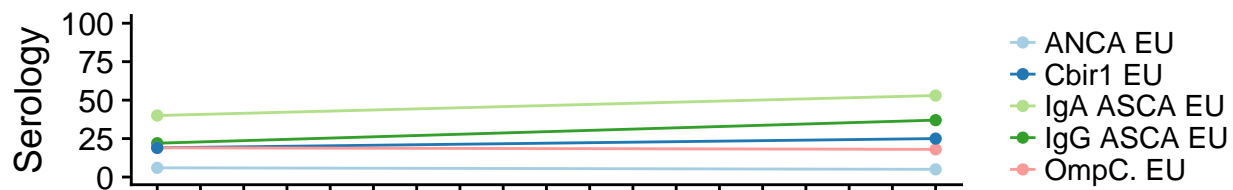
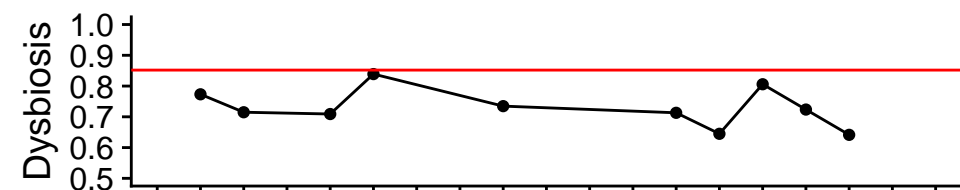
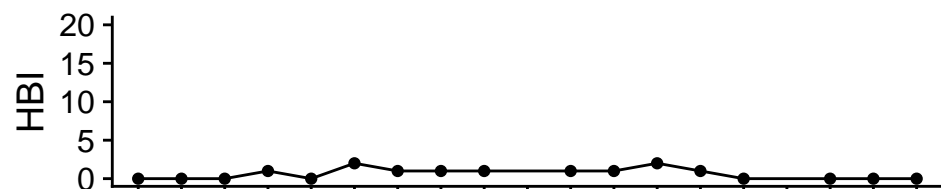
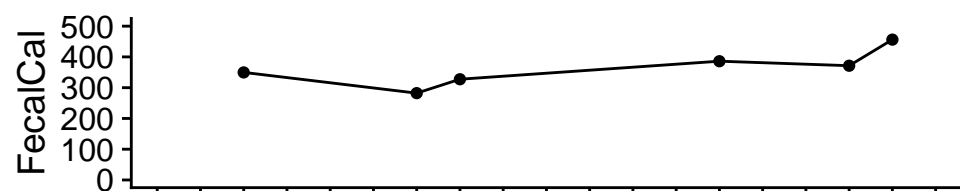
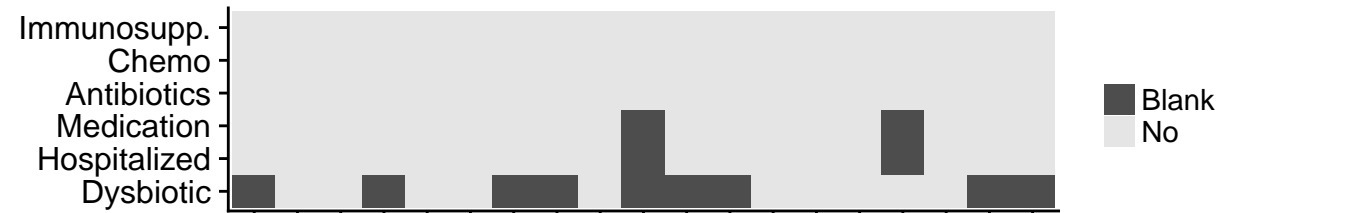
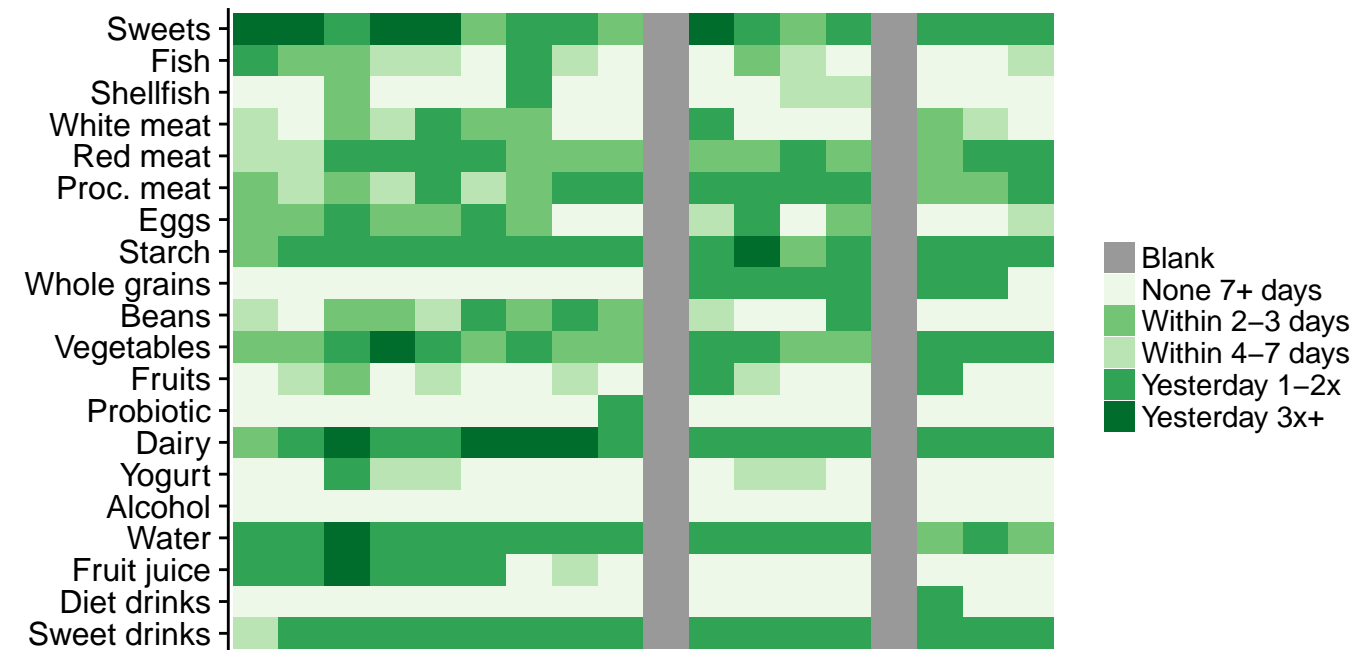
unclassified Siphoviridae
Gyrovirus GyV3
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tobacco mosaic virus

K00024: malate dehydrogenase [EC:1.1.1.37]
K00768: nicotinate-nucleotide--dimethylben...
K01462: NO_NAME
K01876: aspartyl-tRNA synthetase [EC:6.1.1...
K02078: acyl carrier protein
K02968: small subunit ribosomal protein S20
K03073: preprotein translocase subunit SecE
K03088: RNA polymerase sigma-70 factor, E...
K03210: preprotein translocase subunit YajC
K12343: 3-oxo-5-alpha-steroid 4-dehydrog...
K15633: 2,3-bisphosphoglycerate-independ...

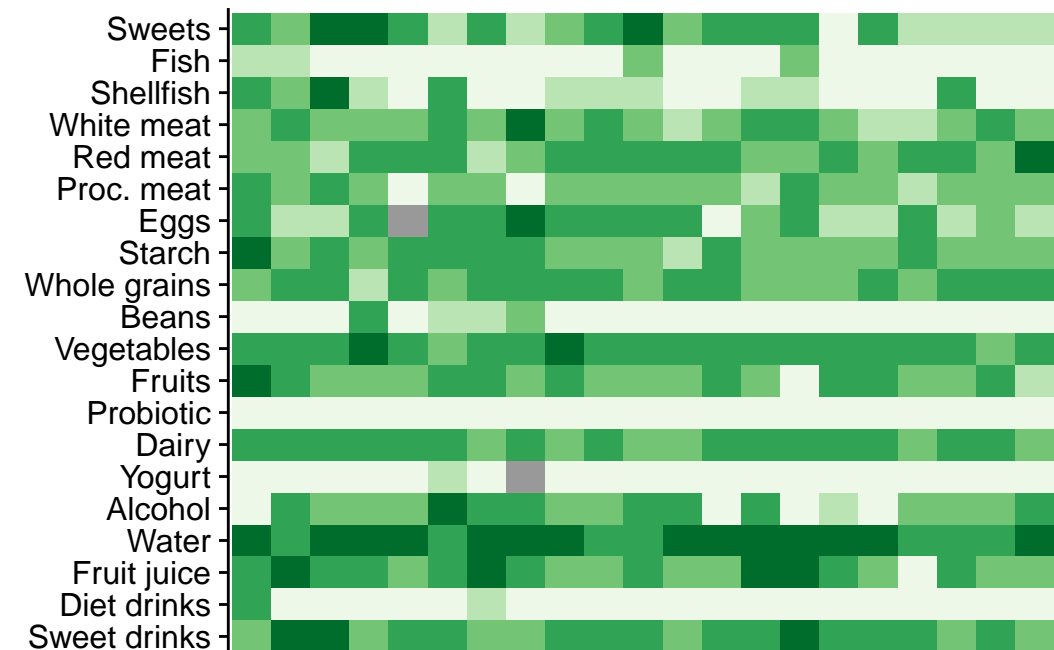
1,2,4-trimethylbenzene
2-deoxyadenosine
adenine
alpha-CEHC
leucine
methylimidazole acetic acid
phenylalanine
proline
spermidine
undecanedionate
valine

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

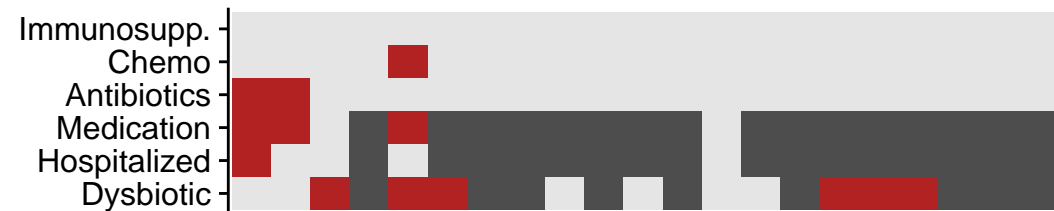
H4028: 13 Female White Cincinnati | CD L1+L4



H4030: 16 Male White Cincinnati | CD L1+L4

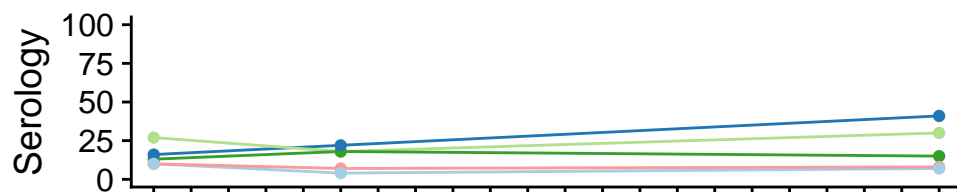
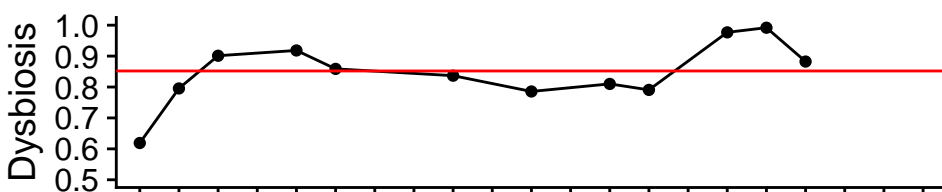


Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

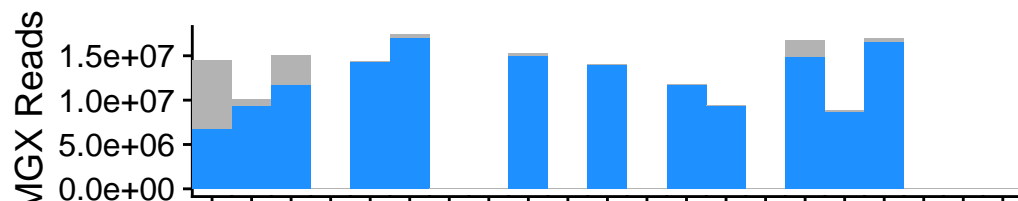


Blank
No
Yes

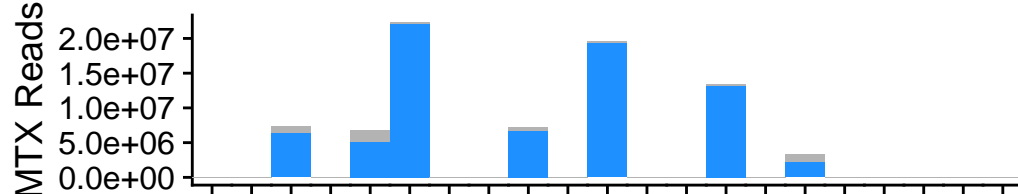
FecalCal



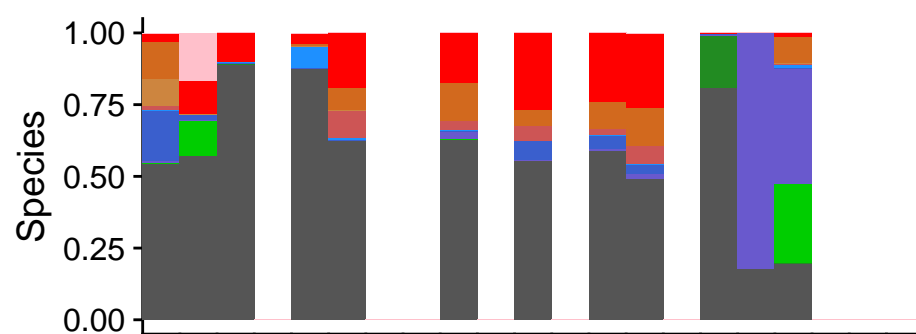
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



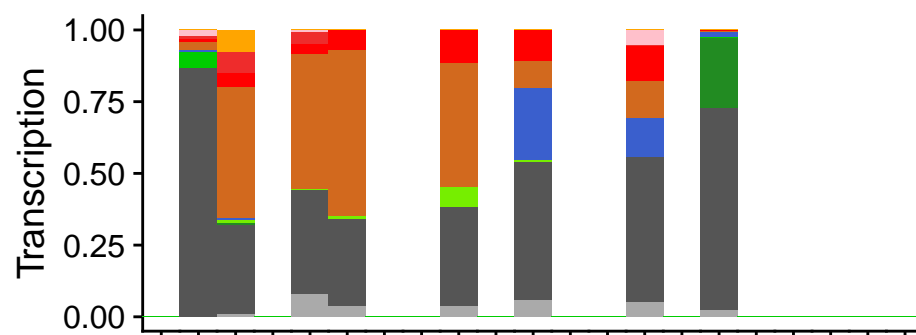
Human Reads
Filtered Reads



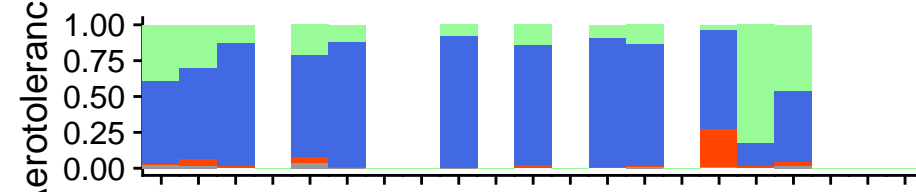
Human Reads
Filtered Reads



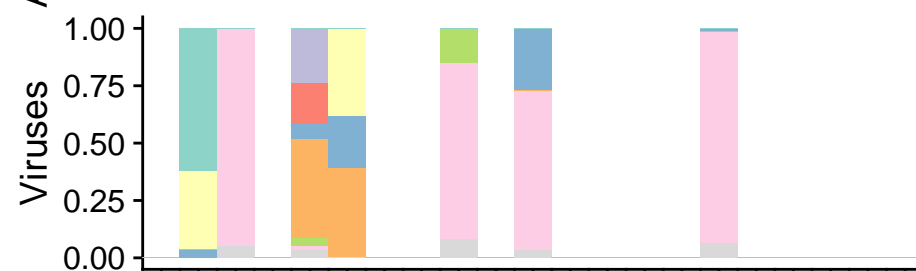
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Parabacteroides merdae
Eubacterium eligens
Faecalibacterium prausnitzii
Roseburia intestinalis
Akkermansia muciniphila
Haemophilus parainfluenzae
other



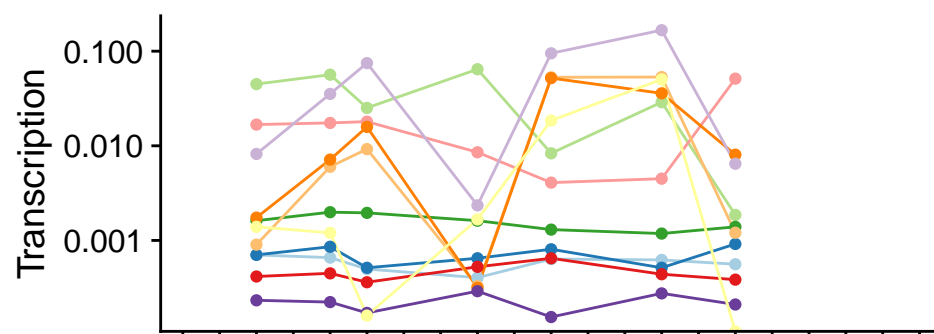
Bacteroides dorei
Bacteroides fragilis
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Faecalibacterium prausnitzii
Akkermansia muciniphila
Escherichia coli
Haemophilus parainfluenzae
other
unclassified



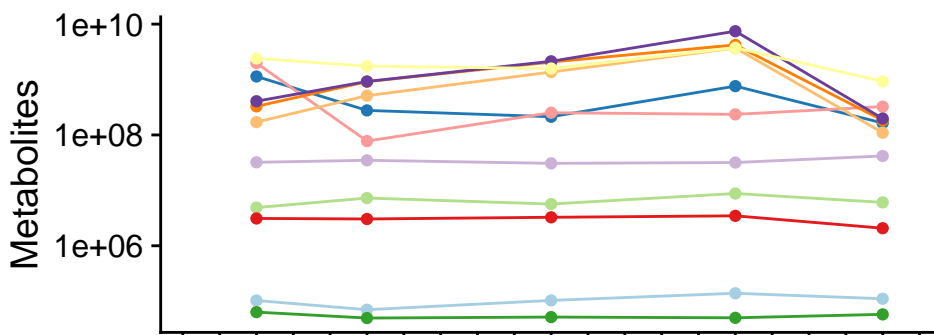
obligate_anerobe
aerotolerant
facultative_anerobe
unknown



Lactobacillus phage KC5a
Pseudomonas phage PPpW-4
Lactococcus phage bIBB29
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
other



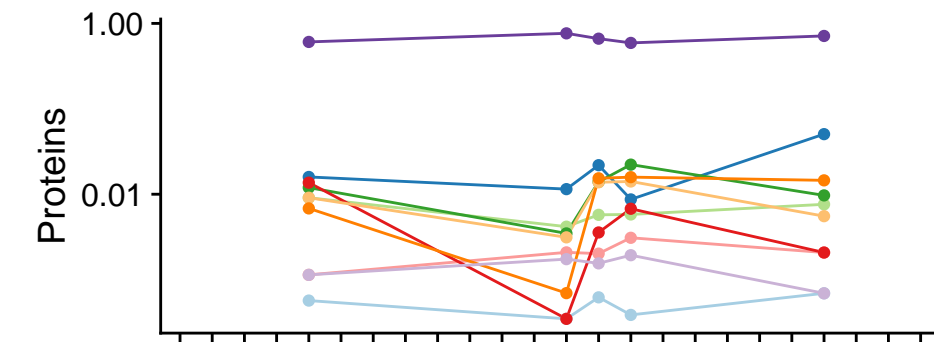
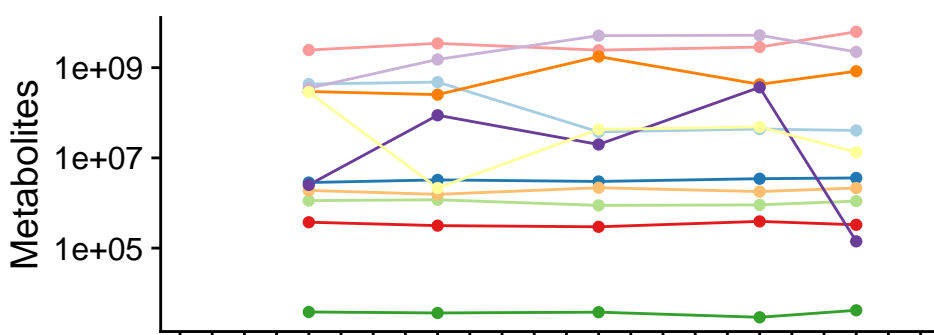
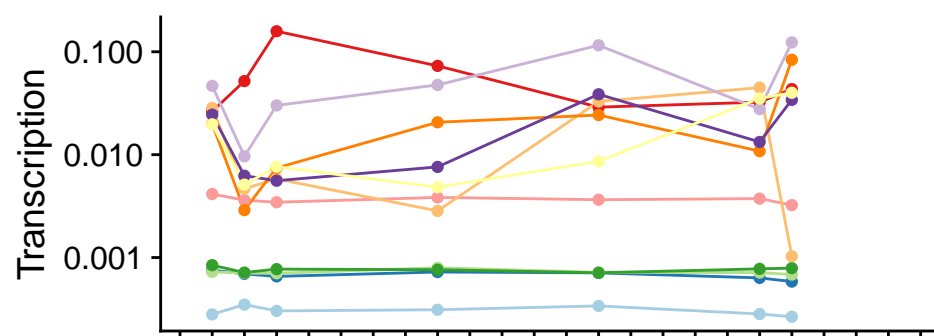
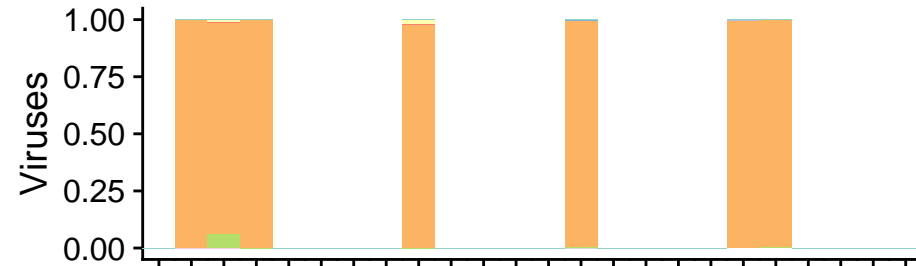
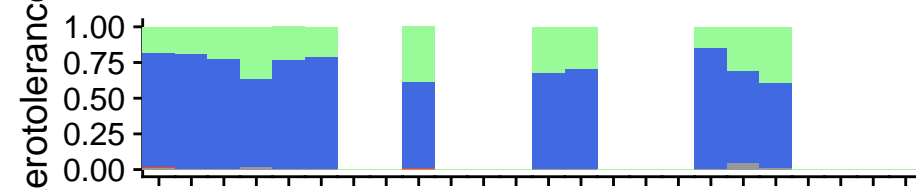
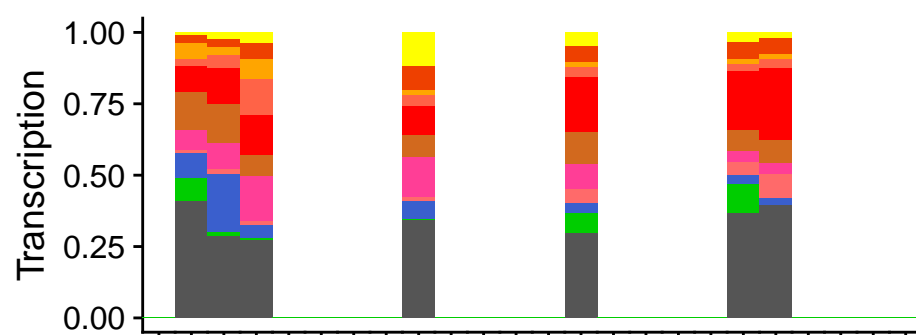
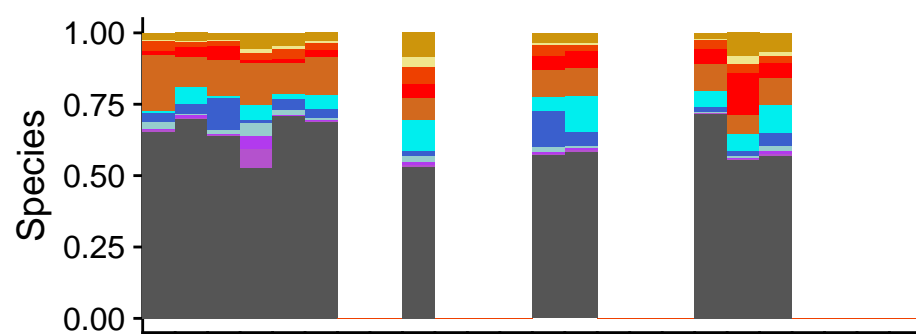
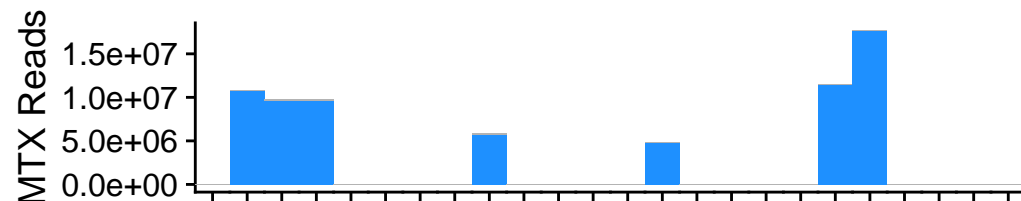
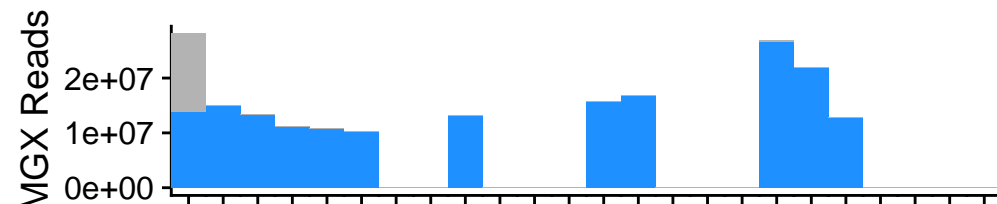
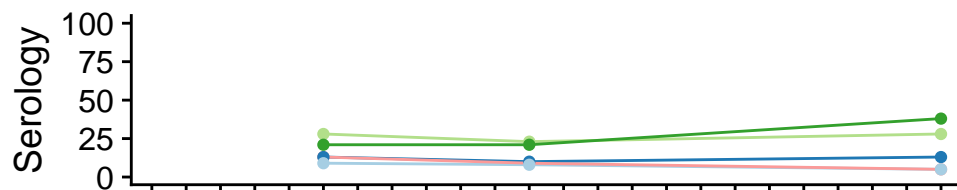
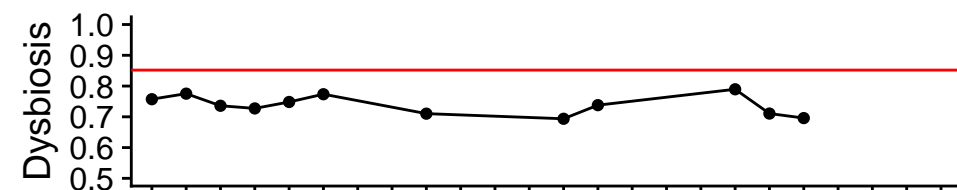
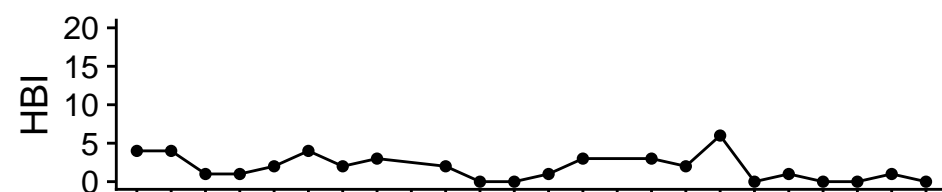
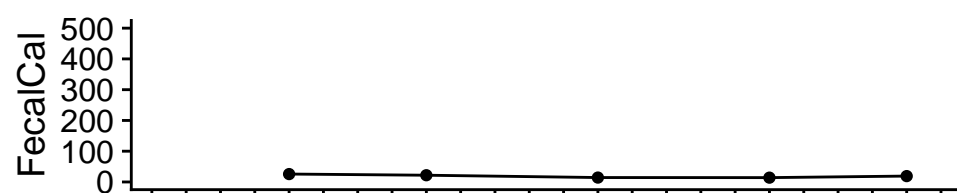
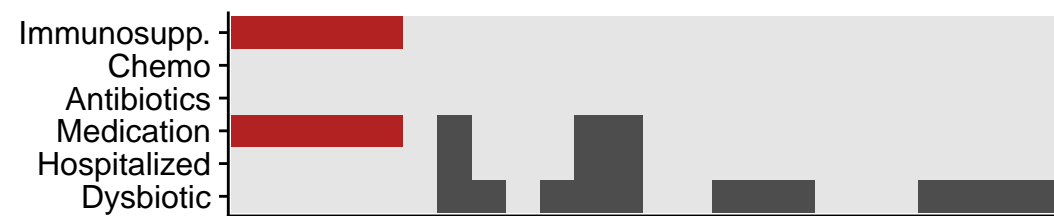
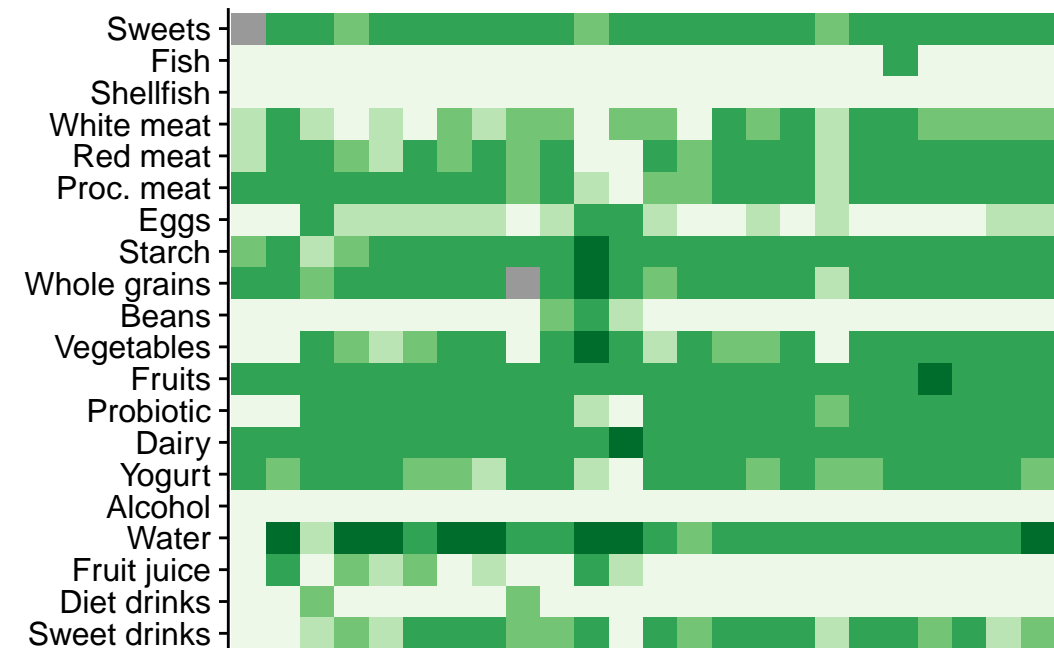
K00384: thioredoxin reductase (NADPH) [EC:1.1.1.7]
K01875: seryl-tRNA synthetase [EC:6.1.1.11]
K02078: acyl carrier protein
K02111: F-type H⁺-transporting ATPase subunit
K03073: preprotein translocase subunit SecE
K03496: chromosome partitioning protein
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K04078: chaperonin GroES
K17828: dihydroorotate dehydrogenase (NAADP)
K19158: NO_NAME



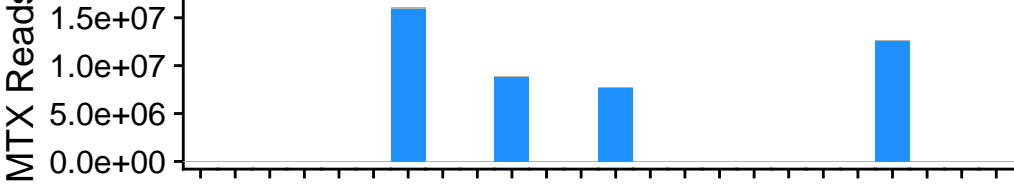
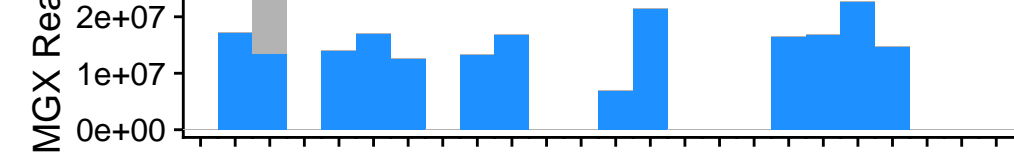
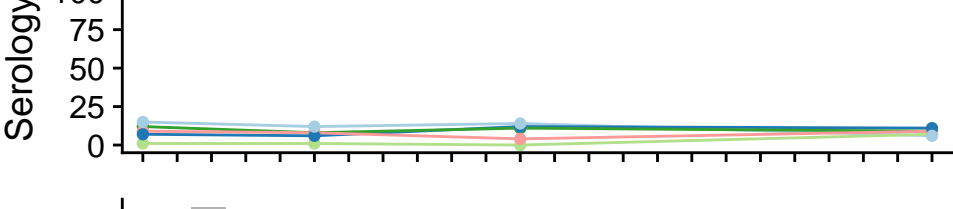
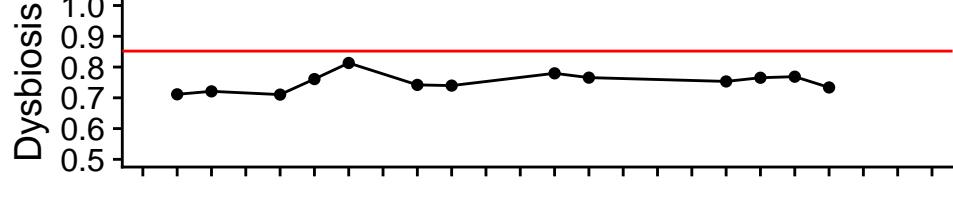
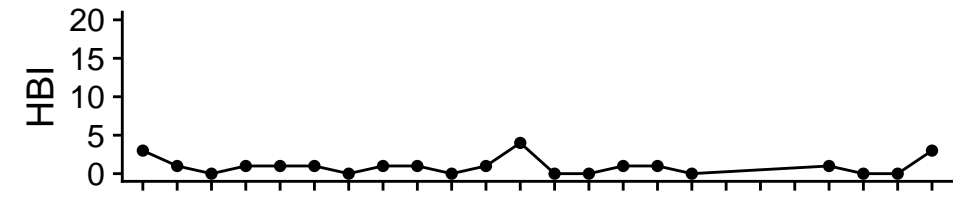
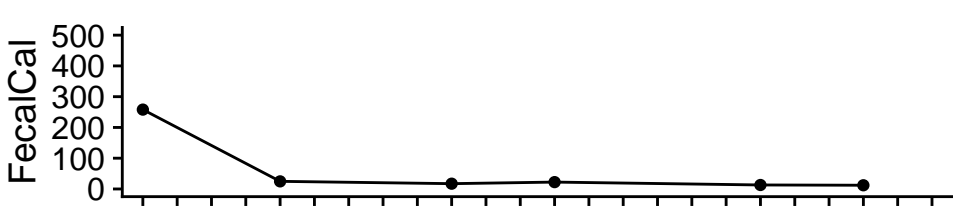
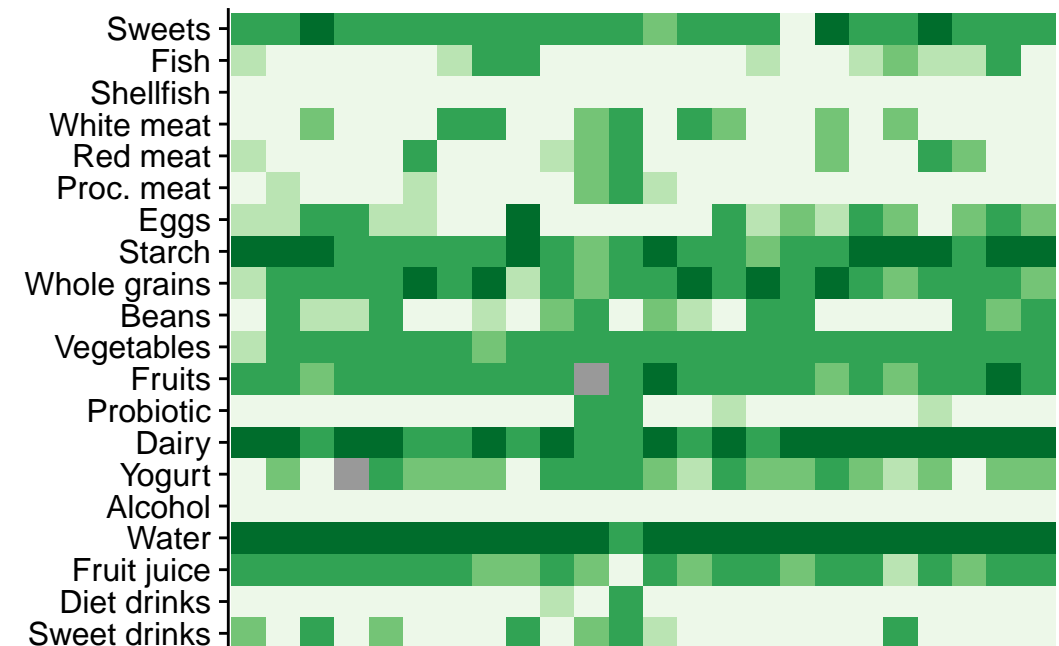
acetytyrosine
ADMA/SDMA*
adrenate
C34:0 PC
cadaverine
eicosadienoate
isoleucine
leucine
N-acetylputrescine
phenylalanine
valine

Proteins

H4031: 12 Male White Cincinnati | CD L1+L4



H4032: 12 Male White Cincinnati | CD L3+L4



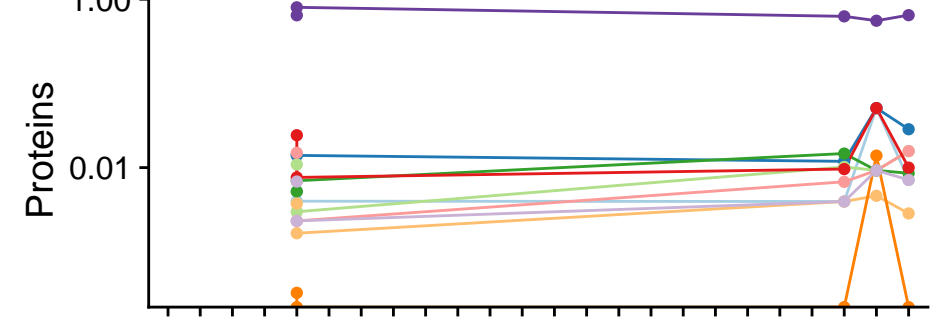
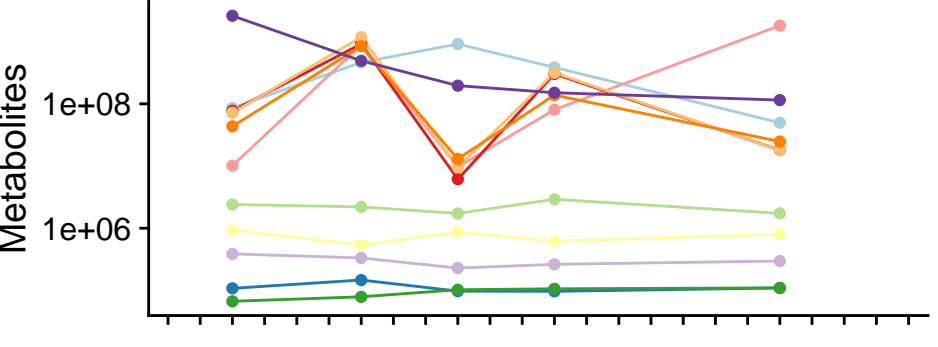
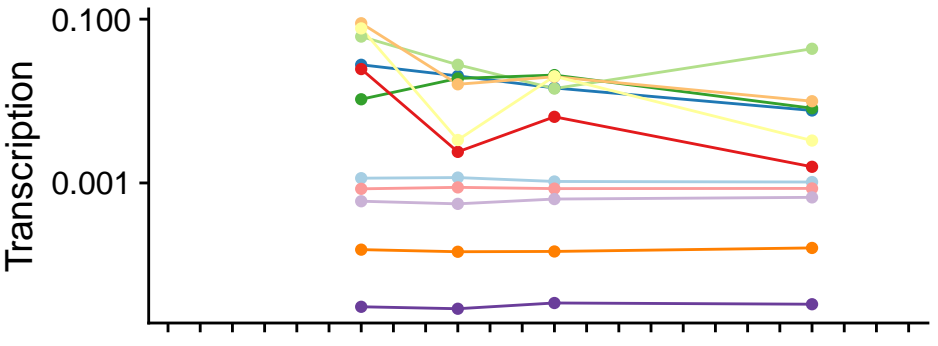
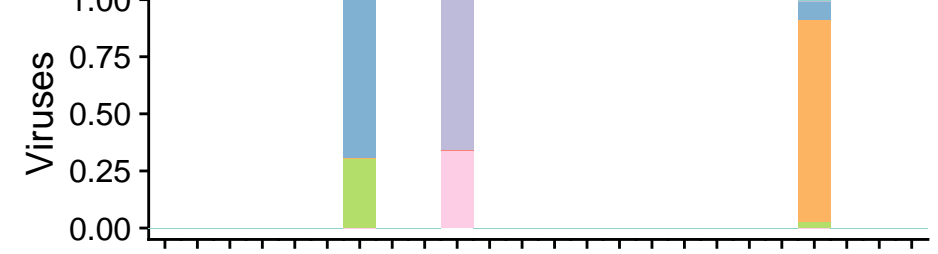
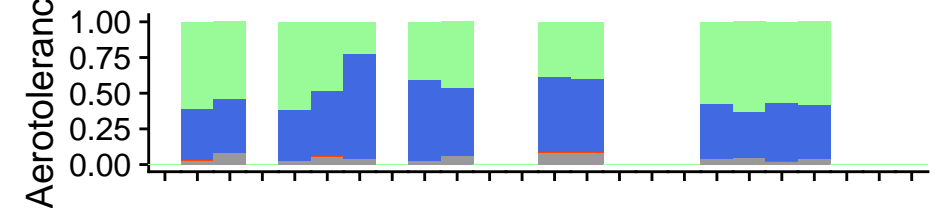
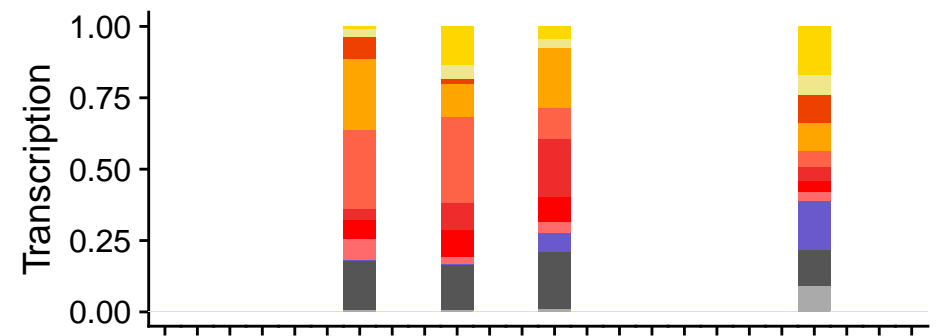
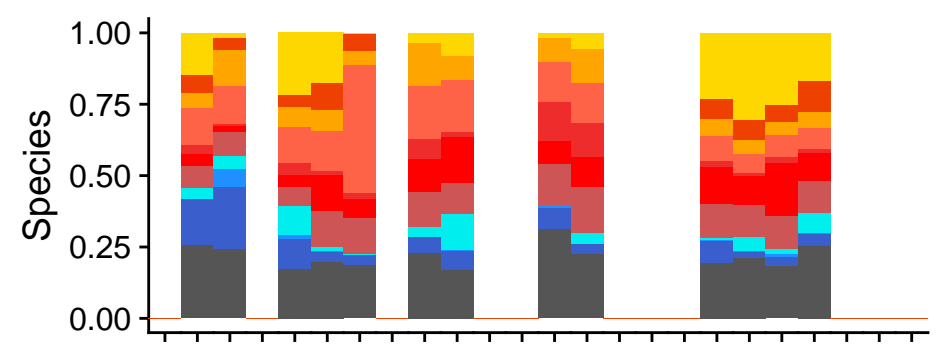
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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

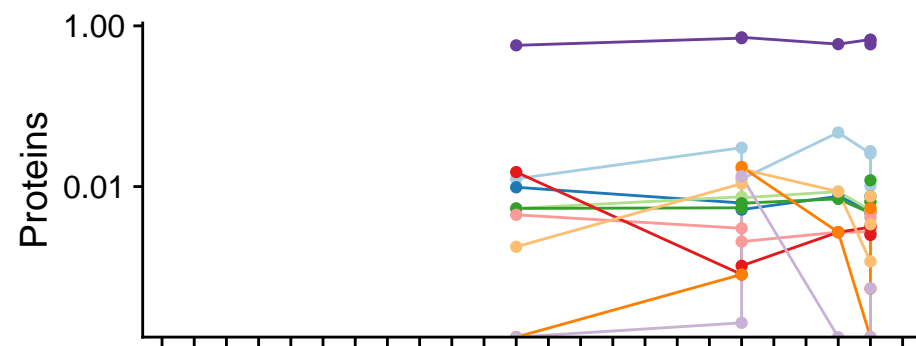
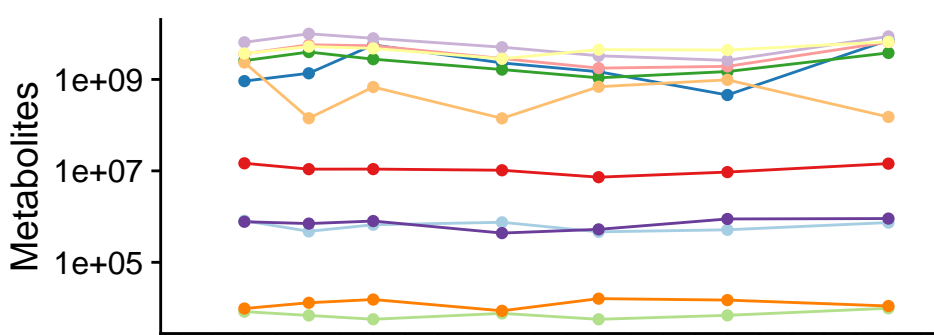
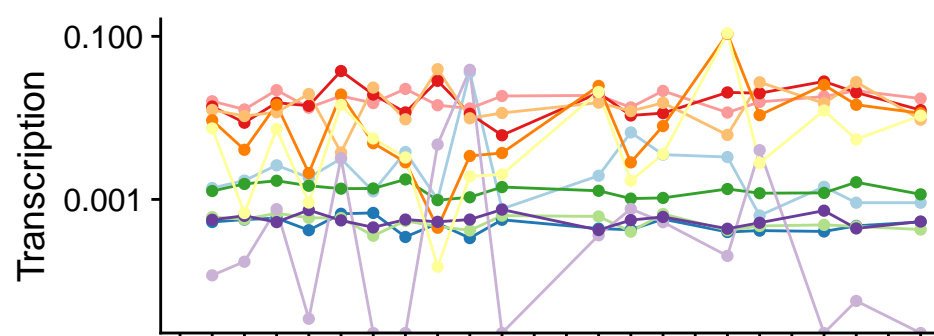
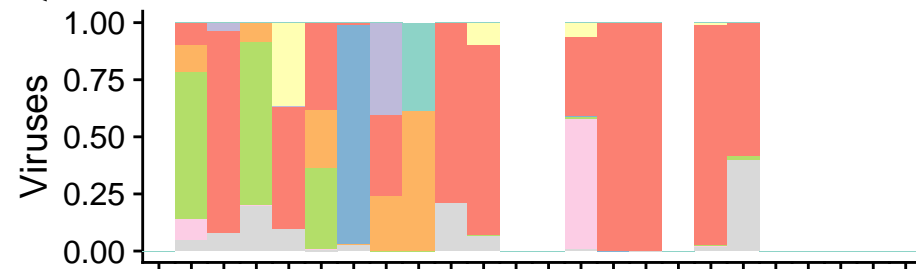
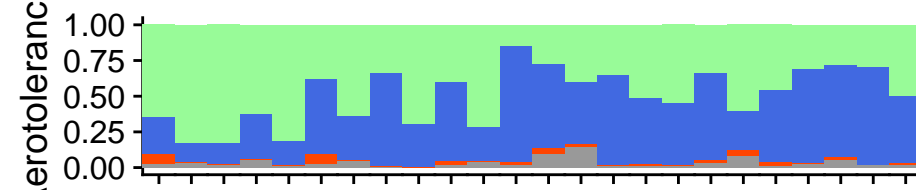
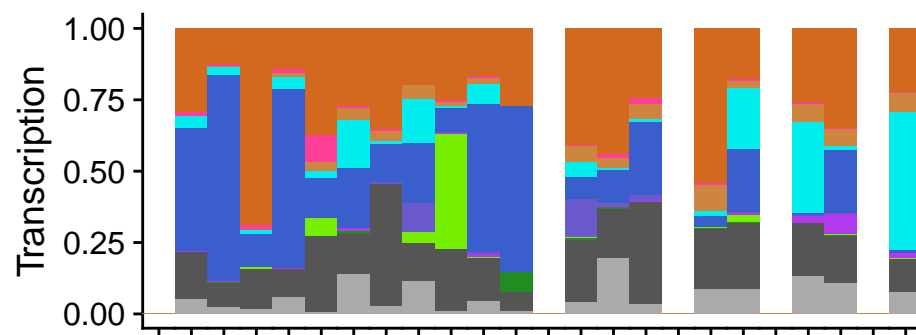
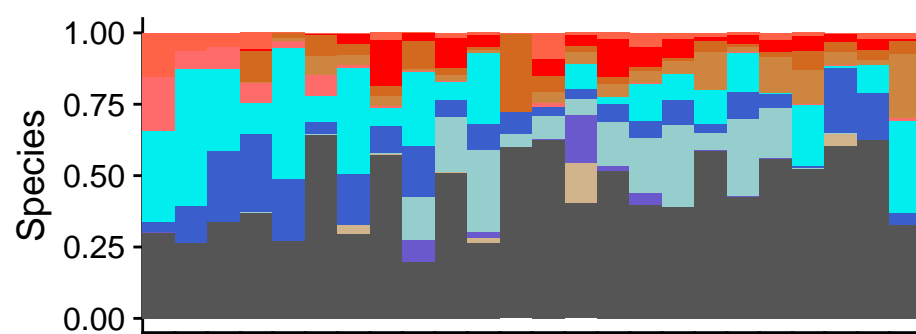
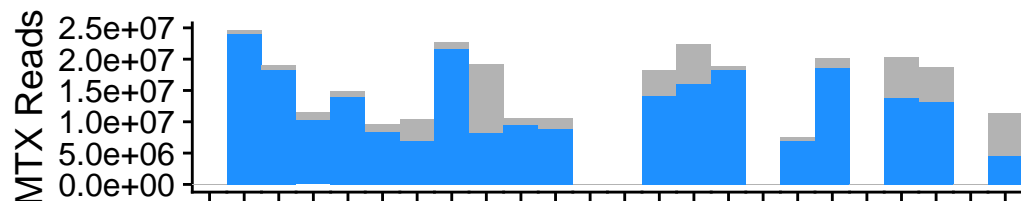
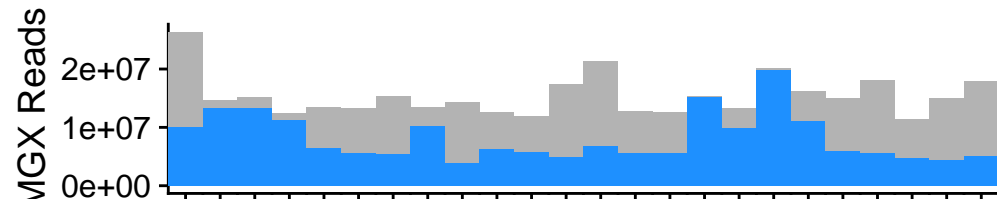
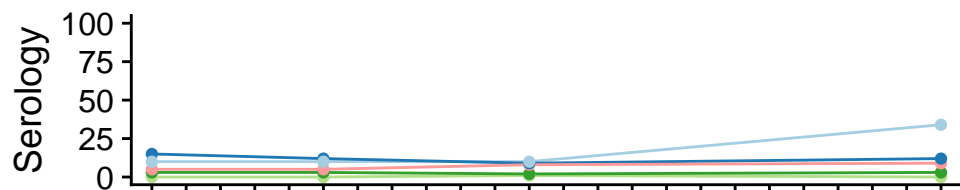
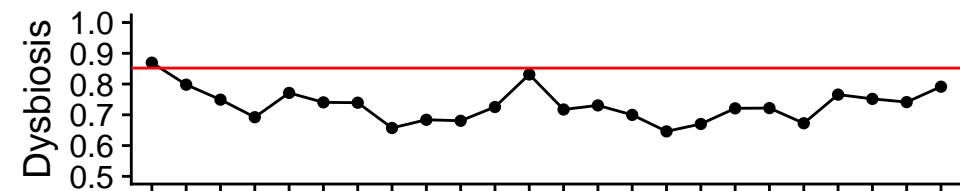
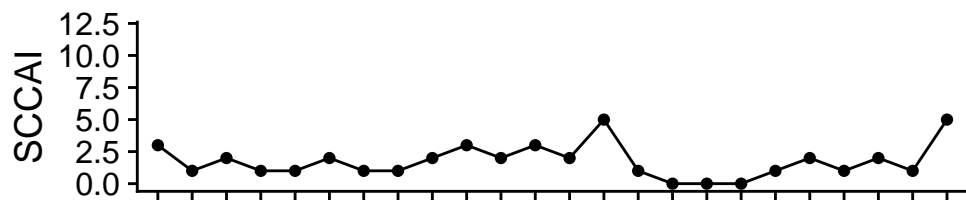
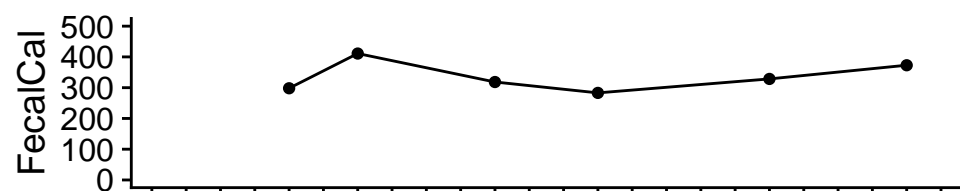
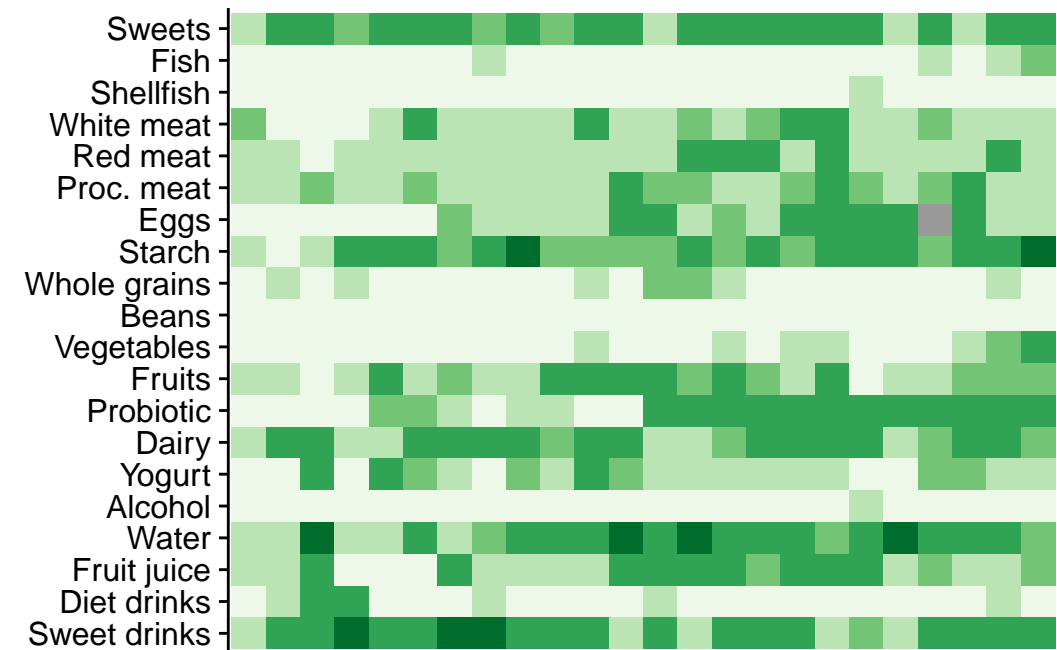
Pseudomonas phage phiIBB-PF7A
Siphoviridae
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
Tomato mosaic virus

K00793: riboflavin synthase [EC:2.5.1.9]
K02914: large subunit ribosomal protein L34
K03088: RNA polymerase sigma-70 factor, E...
K03530: DNA-binding protein HU-beta
K03797: carboxyl-terminal processing protea...
K04077: chaperonin GroEL
K04078: chaperonin GroES
K09702: hypothetical protein
K09748: hypothetical protein
K11752: diaminohydroxyphosphoribosylamin...
K13993: HSP20 family protein

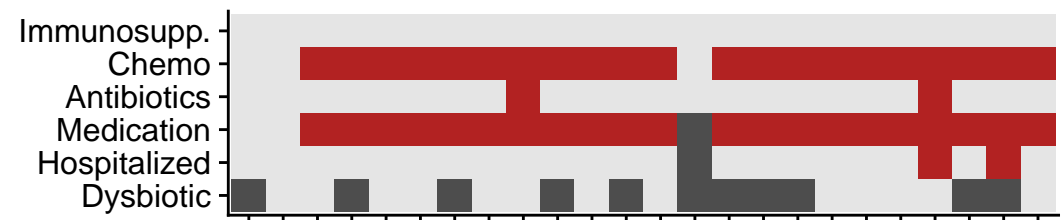
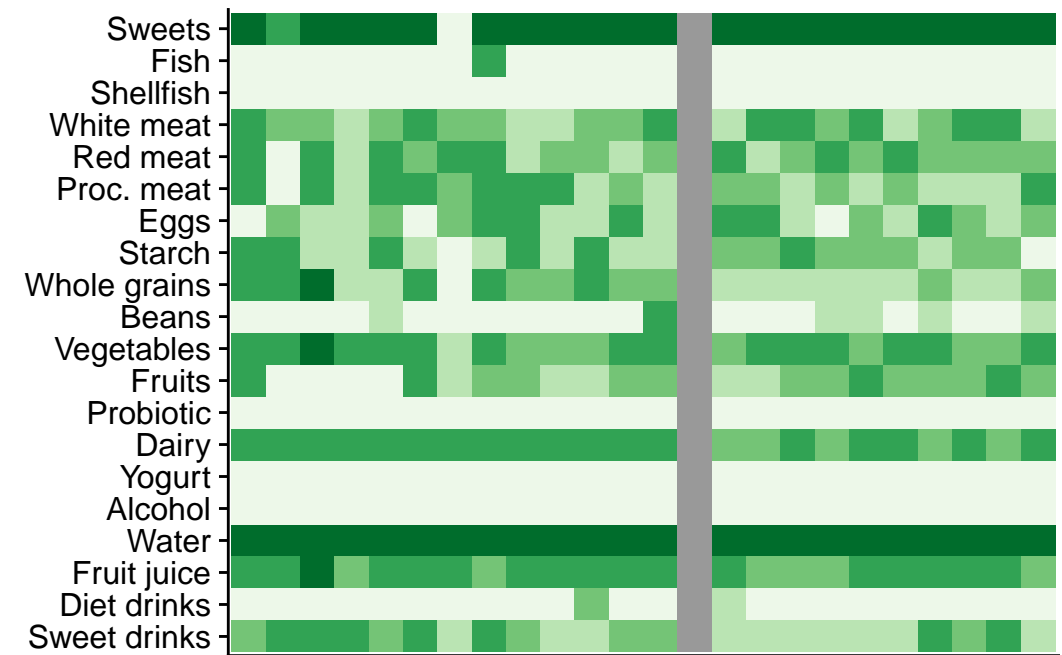
2-deoxyadenosine
acetaminophen
C20:0 LPE
hexadecanedioate
methylimidazole acetic acid
NH4_C36:2 DAG
NH4_C36:3 DAG
NH4_C36:4 DAG
sebacate
valine
xylose

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

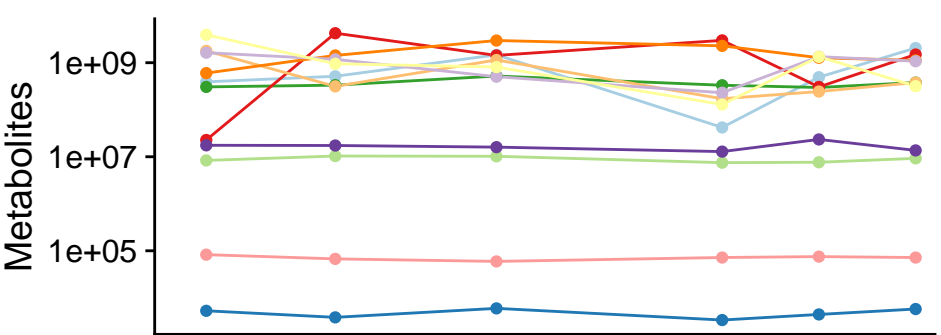
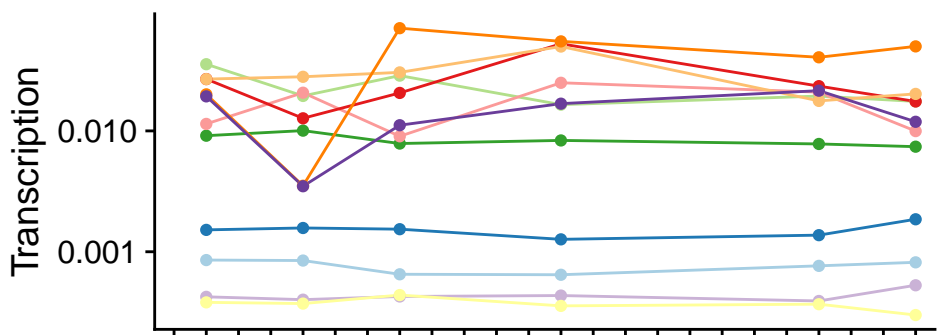
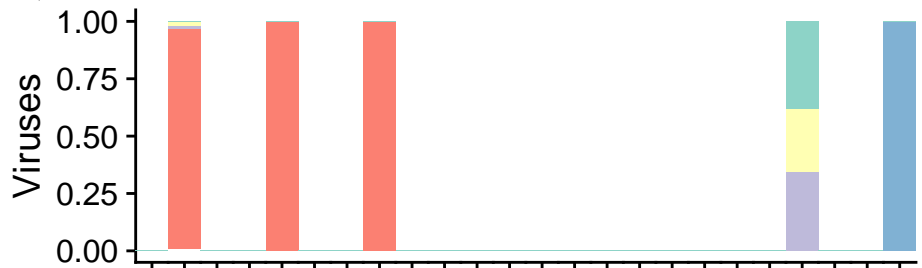
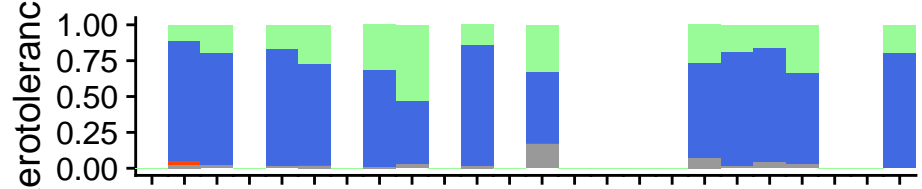
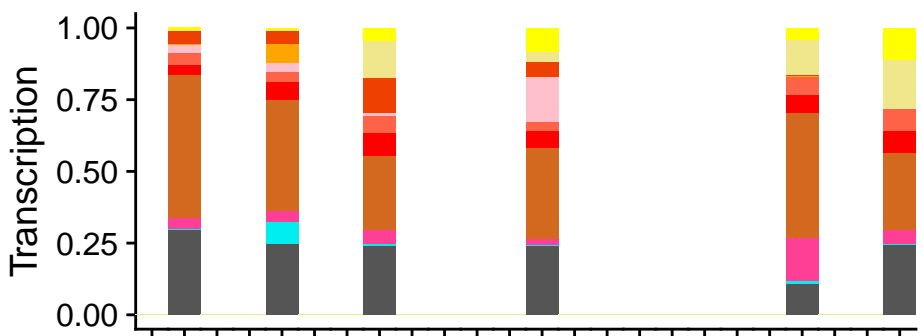
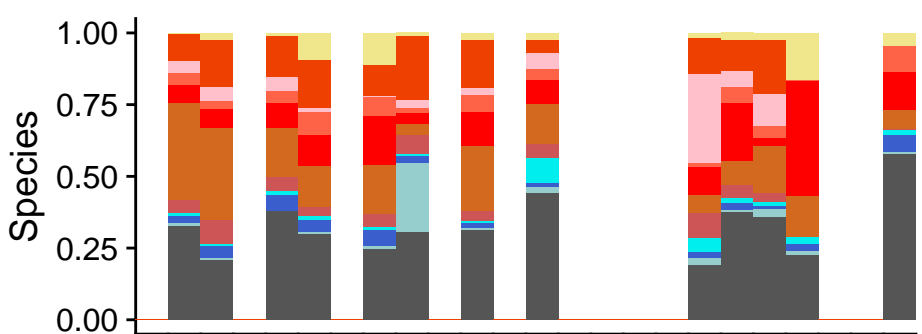
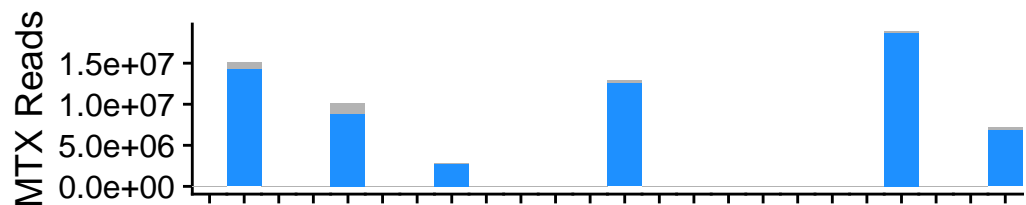
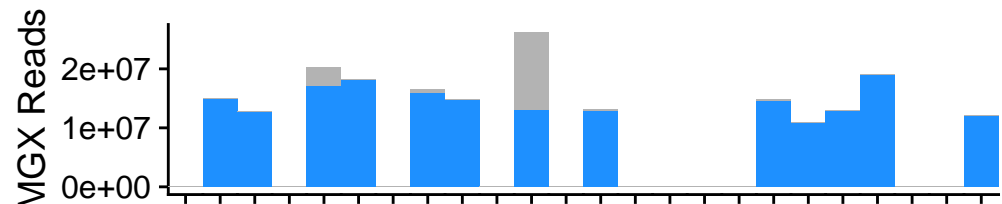
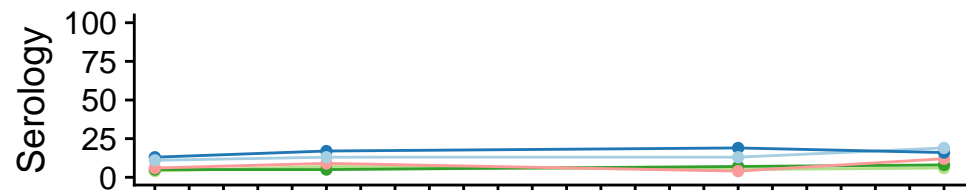
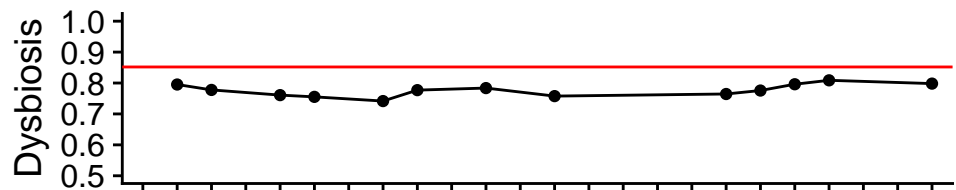
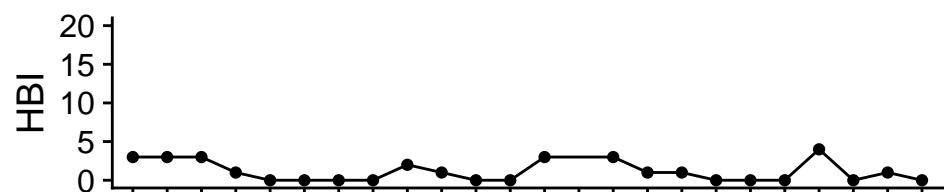
H4035: 16 Male White Cincinnati | UC



H4038: 15 Male White Cincinnati | CD L3

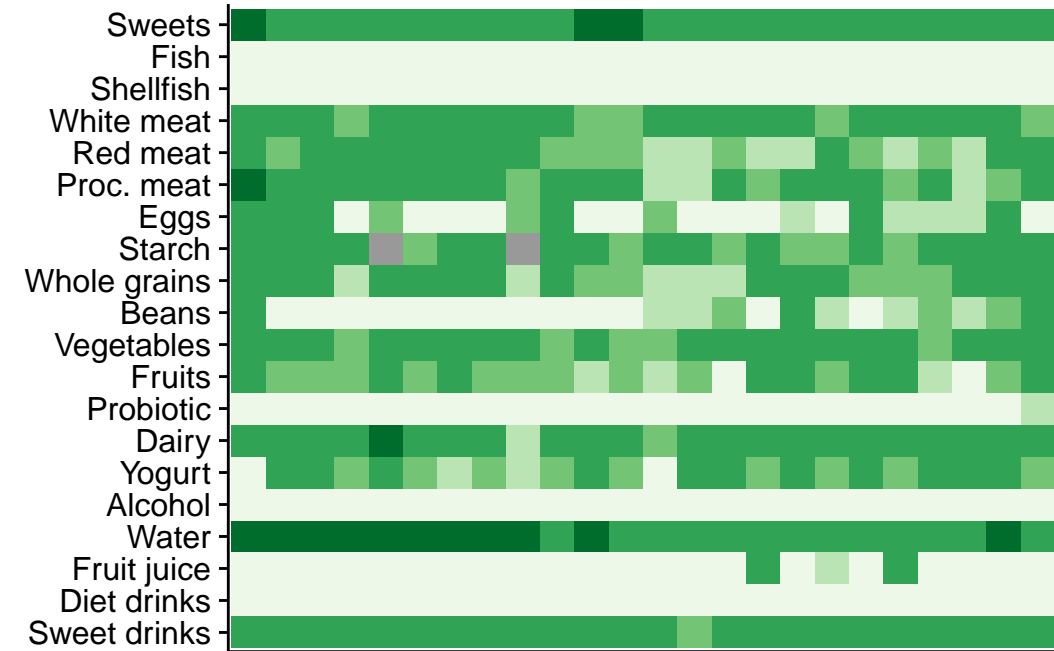


FecalCal



Proteins

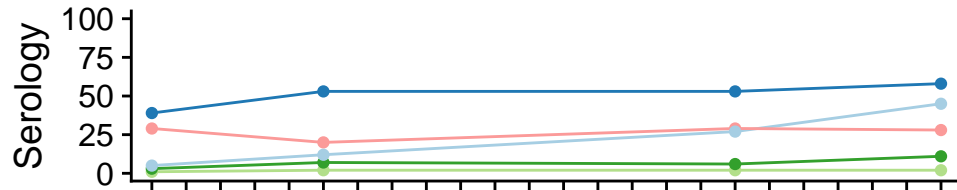
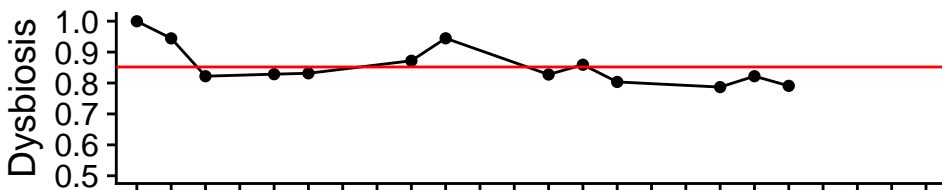
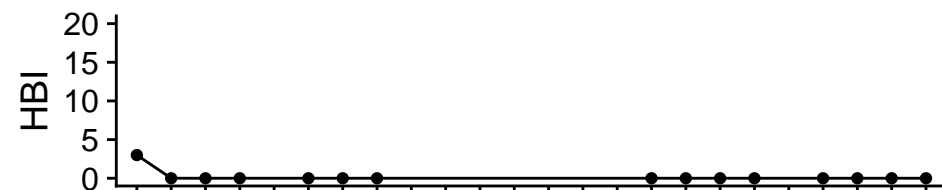
H4039: 12 Female White Cincinnati | CD L3



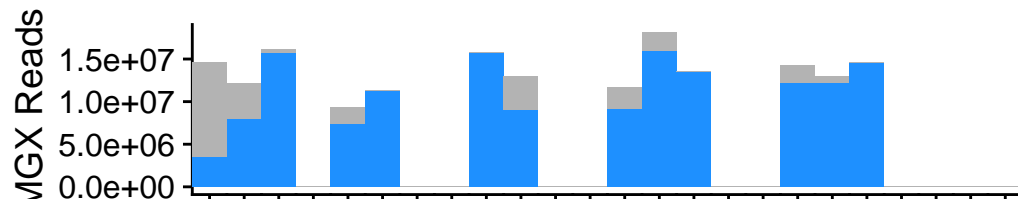
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

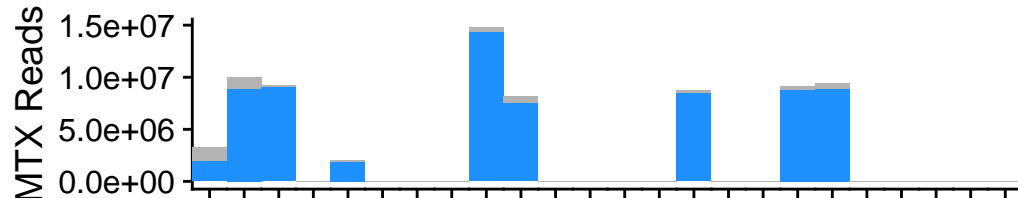
FecalCal



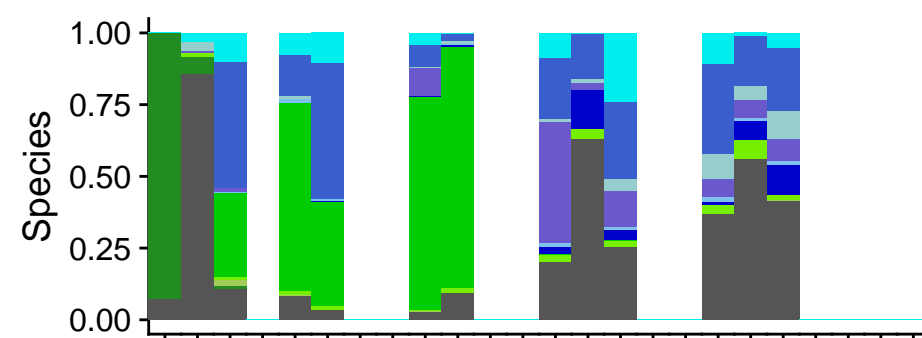
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



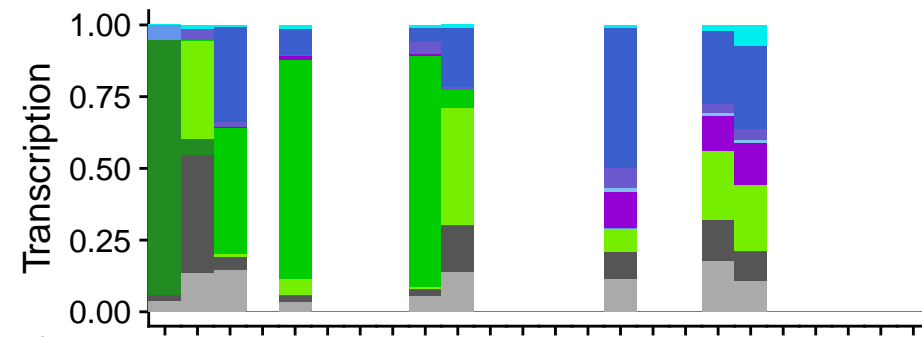
Human Reads
Filtered Reads



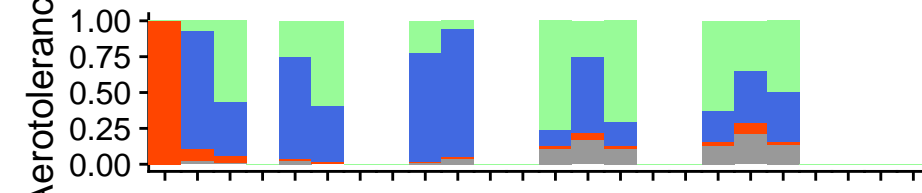
Human Reads
Filtered Reads



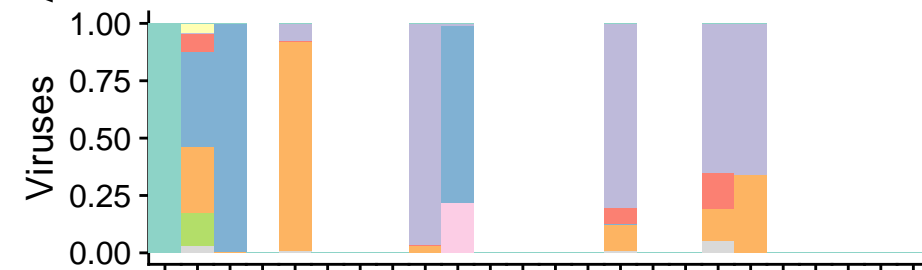
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia intestinalis
Roseburia hominis
Oscillibacter unclassified
Akkermansia muciniphila
Escherichia coli
Klebsiella pneumoniae
Haemophilus parainfluenzae
other



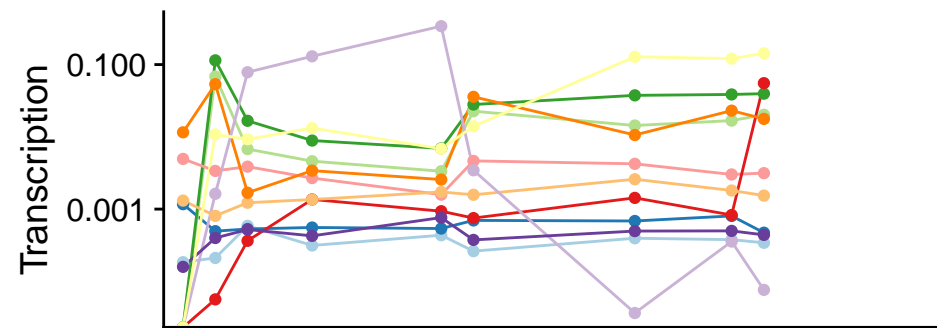
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Ruminococcus obeum
Streptococcus salivarius
Akkermansia muciniphila
Escherichia coli
Haemophilus parainfluenzae
other
unclassified



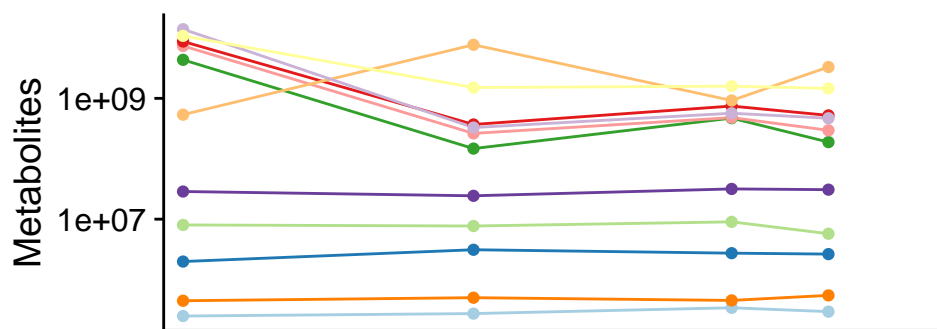
obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown



Lactococcus phage 936 sensu lato
Porcine circovirus 3
Gokushovirus WZ-2015a
Bell pepper mottle virus
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Tobacco mosaic virus
Tomato mosaic virus
other



K00764: amidophosphoribosyltransferase [E...
K02115: F-type H+-transporting ATPase sub...
K02902: large subunit ribosomal protein L28
K02970: small subunit ribosomal protein S21
K02986: small subunit ribosomal protein S4
K03073: preprotein translocase subunit SecE
K03210: preprotein translocase subunit YajC
K03704: cold shock protein (beta-ribbon, Cs...
K04069: pyruvate formate lyase activating en...
K08483: phosphotransferase system, enzym...
K19157: NO_NAME

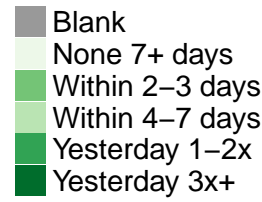
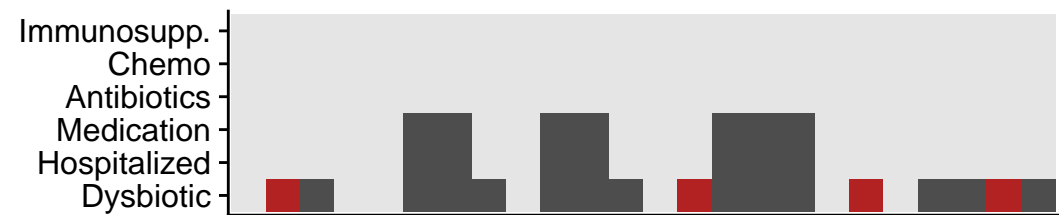
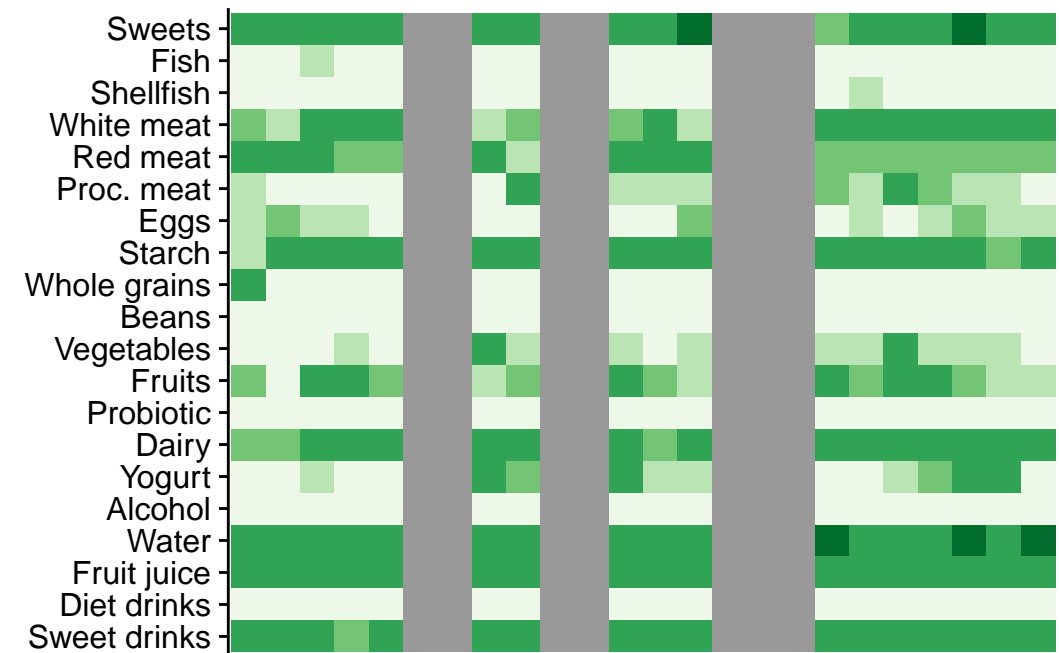


1,2,4-trimethylbenzene
3-methylhistidine
7-methylguanine
C16:0 LPC_A
isoleucine
leucine
methylimidazole acetic acid
NH4_C54:2 TAG
phenylalanine
pterin
valine

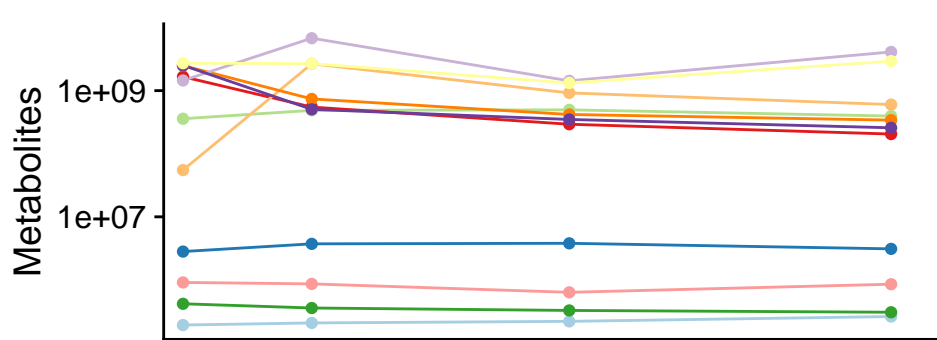
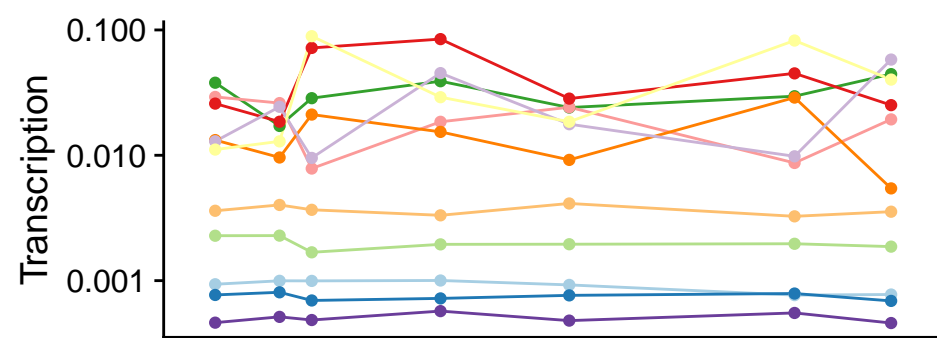
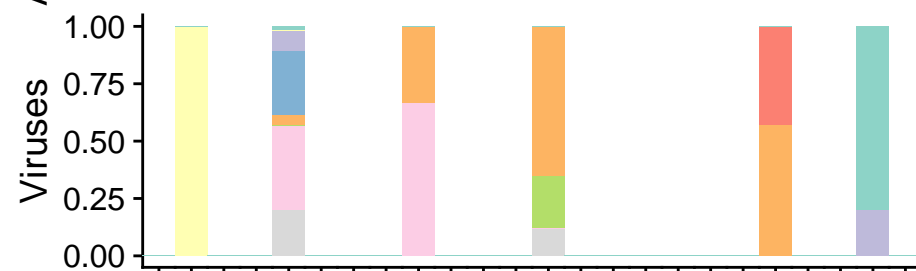
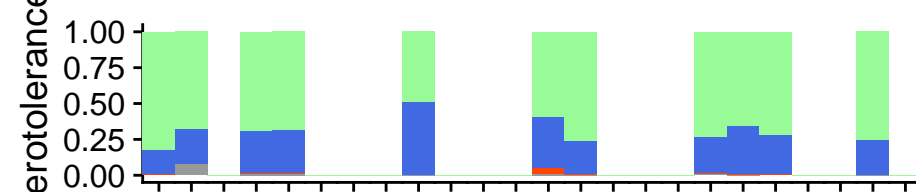
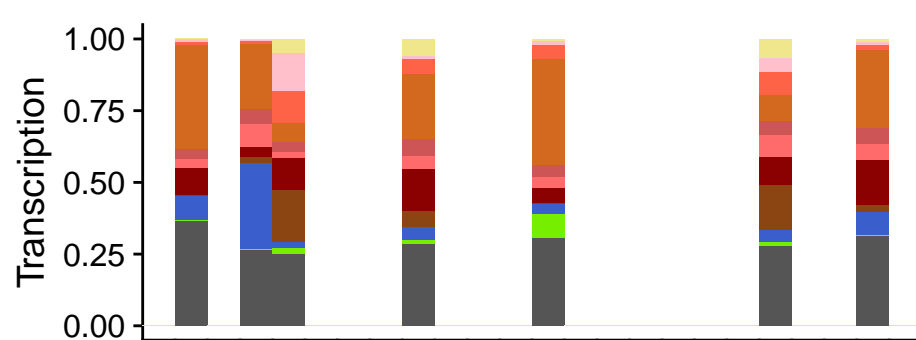
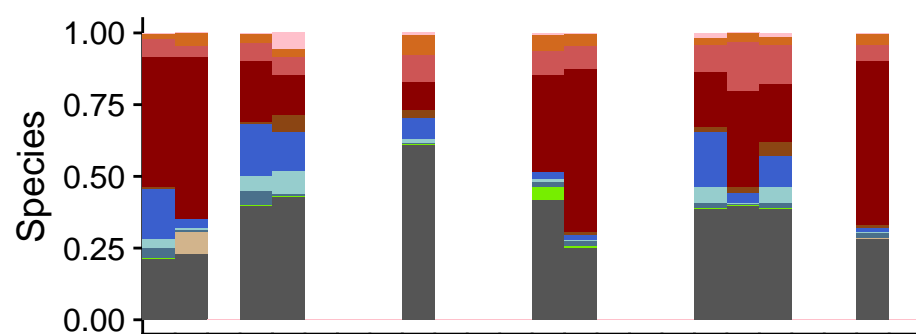
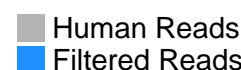
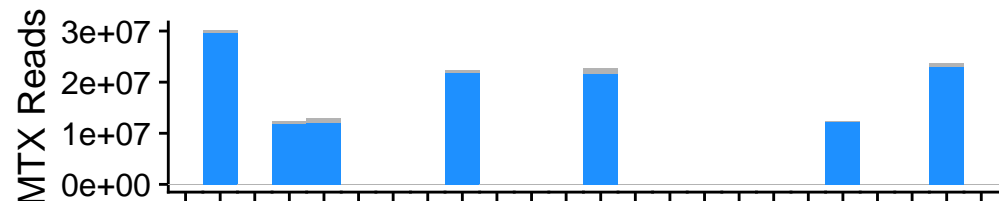
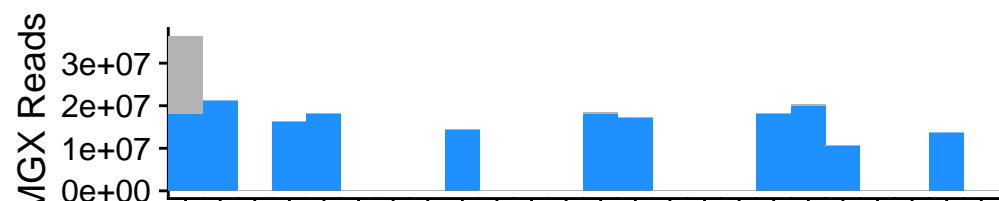
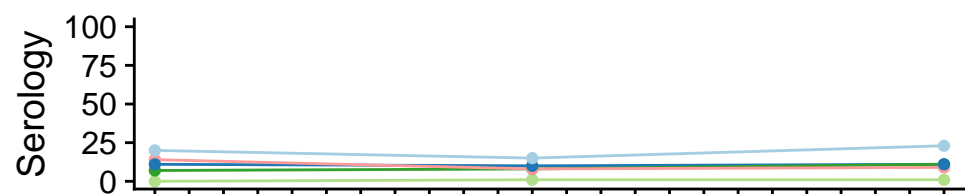
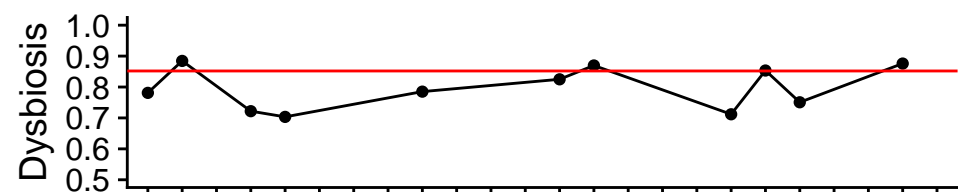
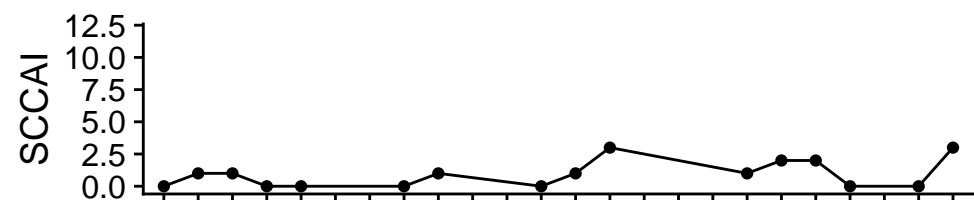


Proteins

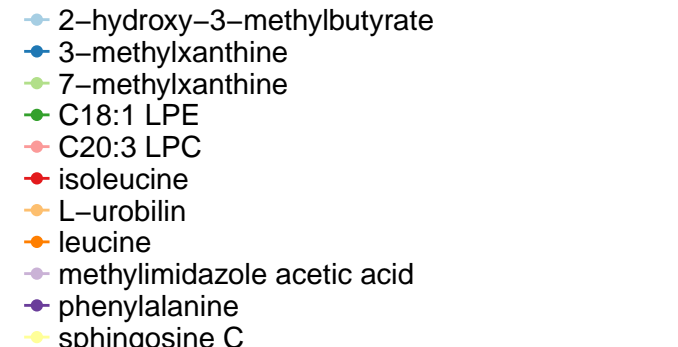
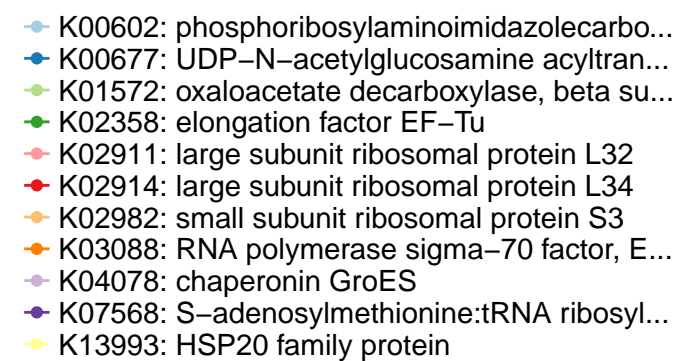
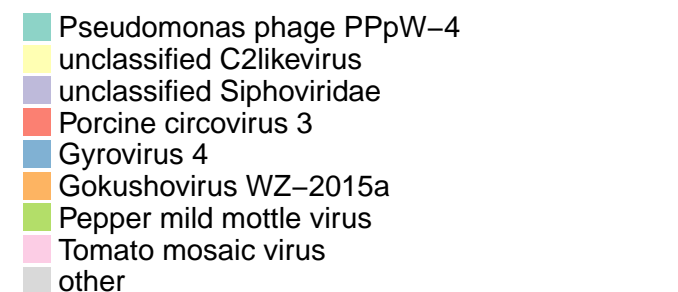
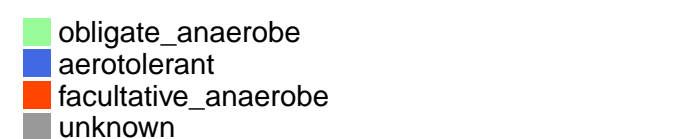
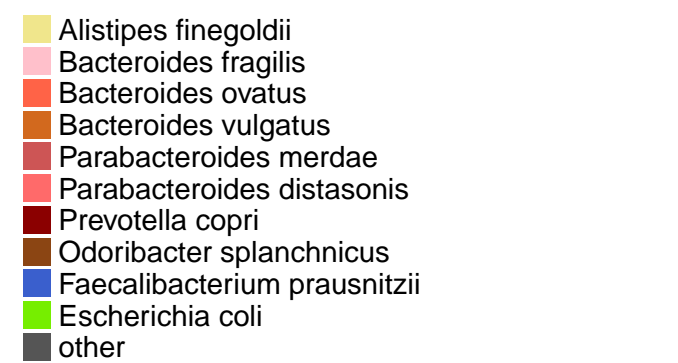
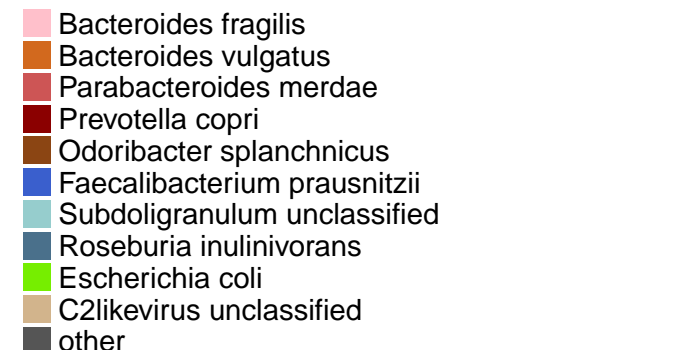
H4040: 17 Female White Cincinnati | UC



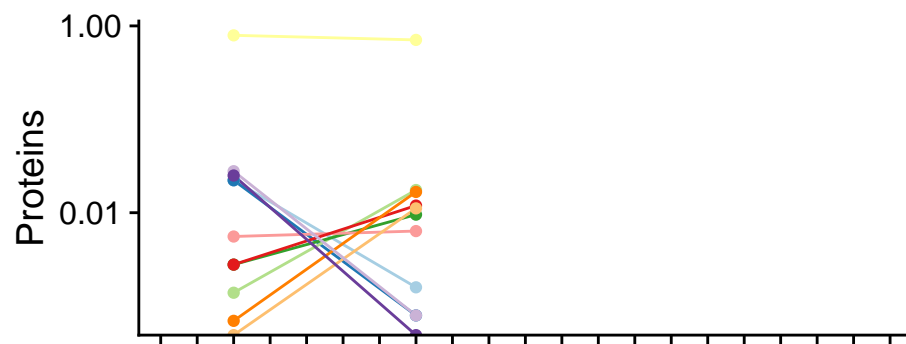
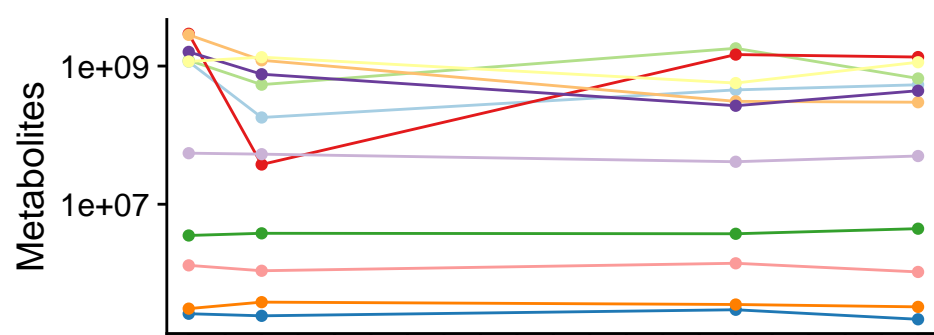
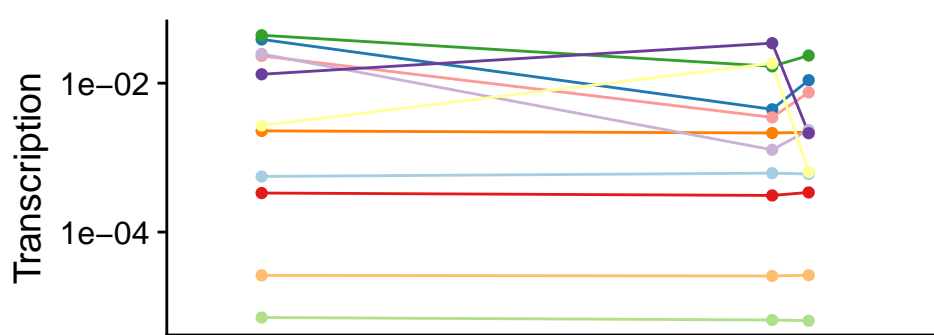
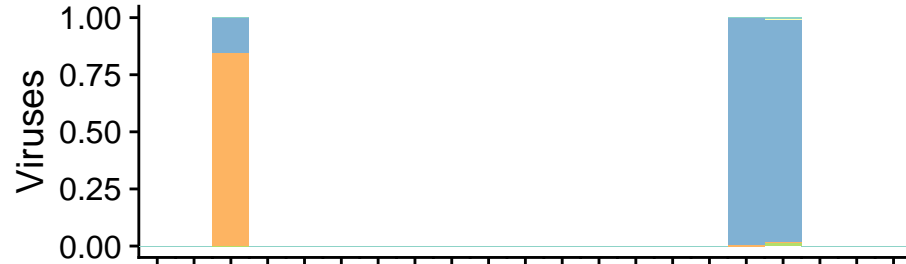
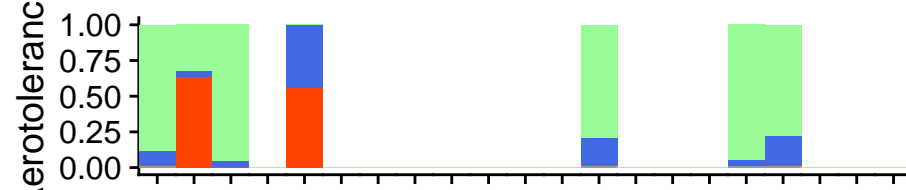
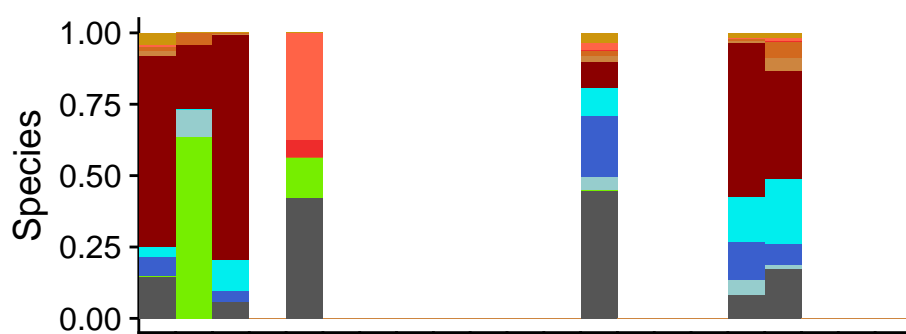
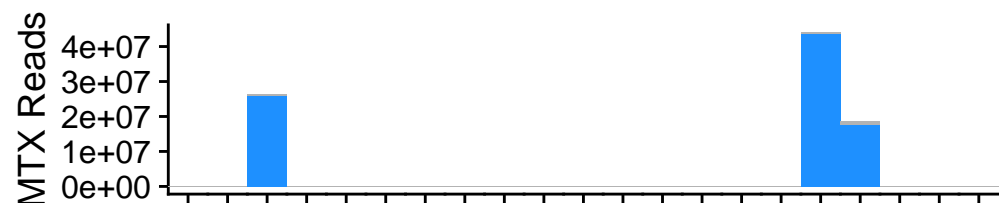
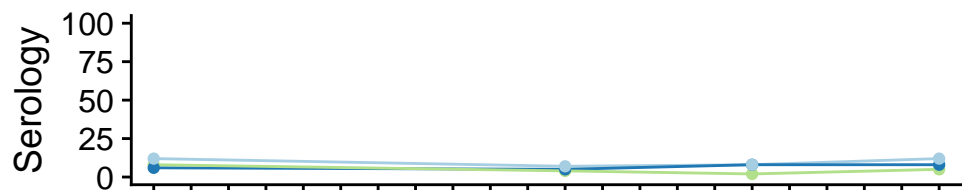
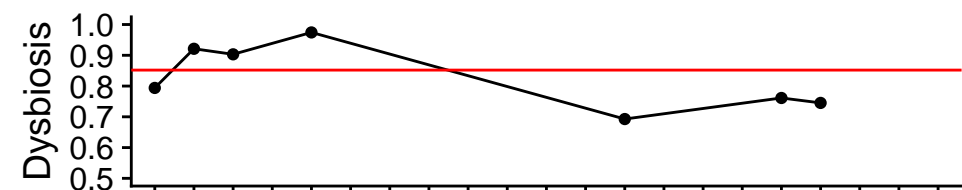
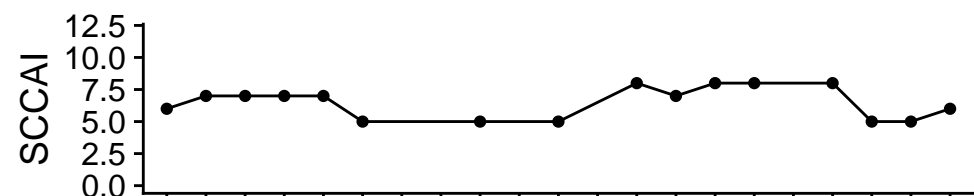
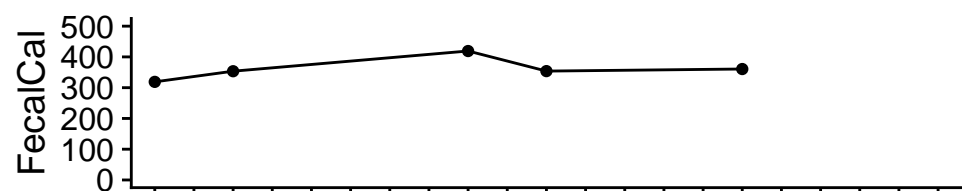
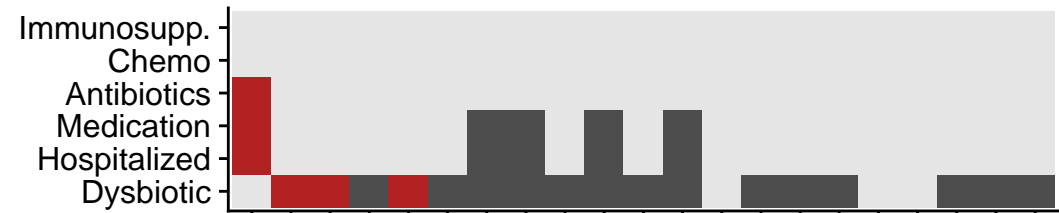
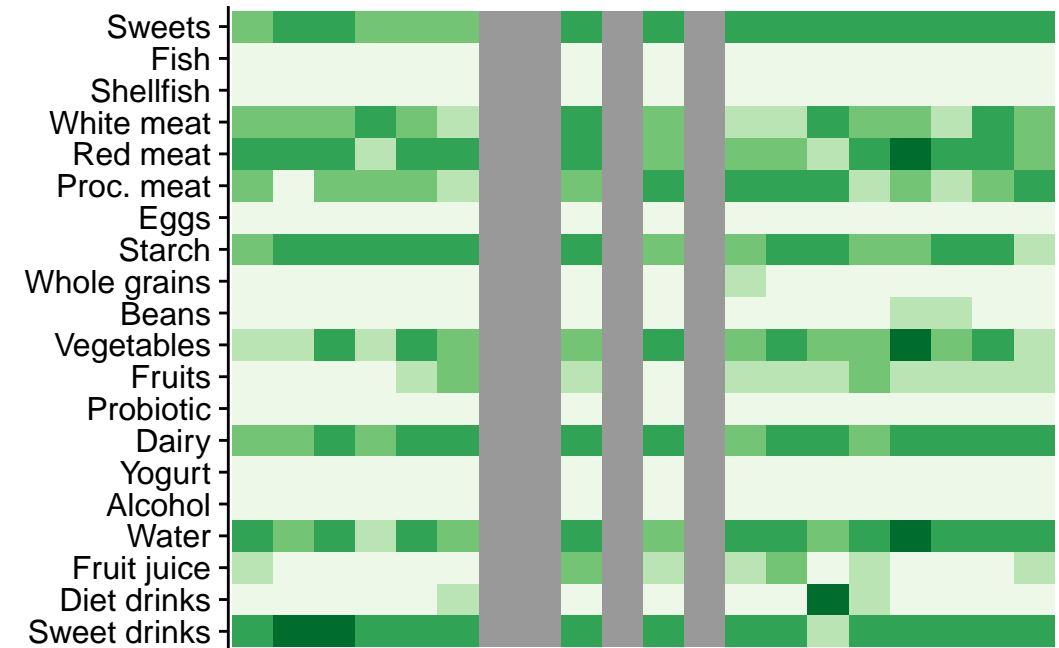
FecalCal



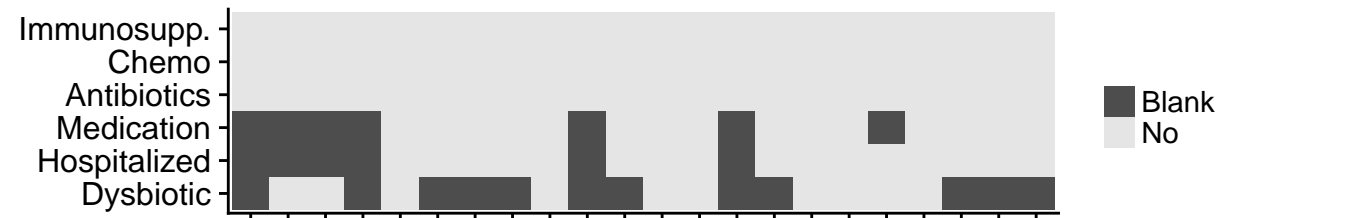
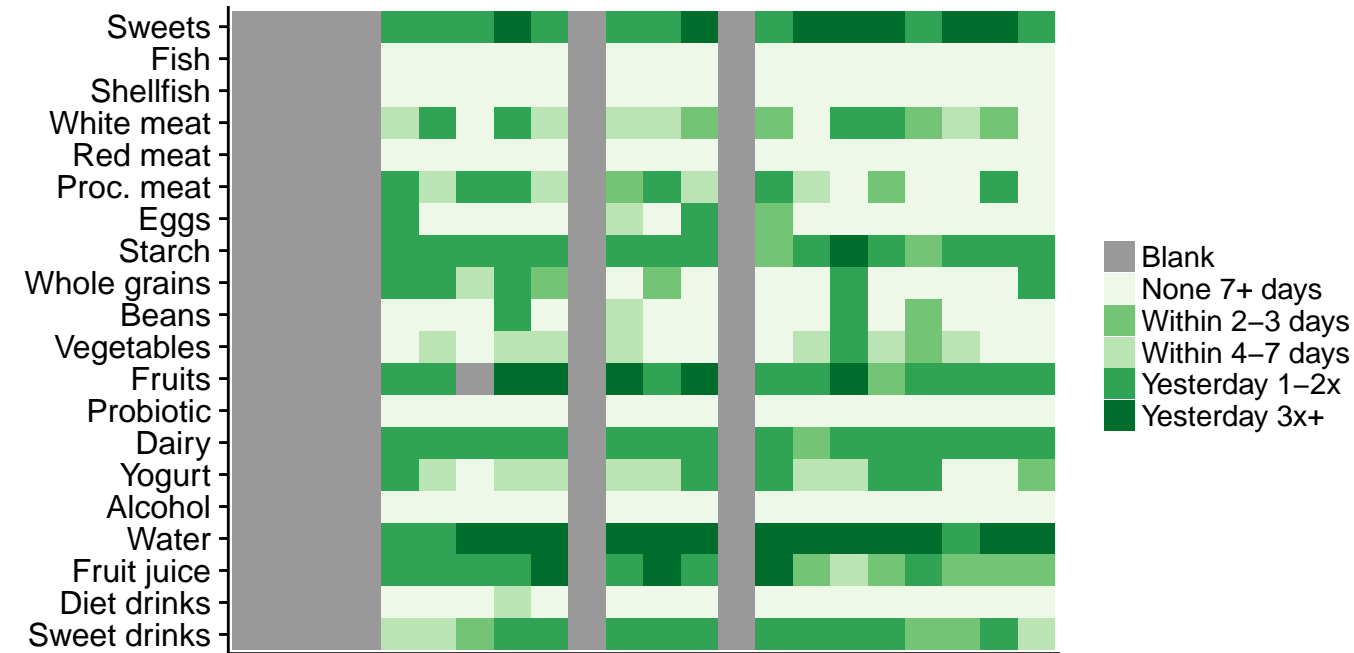
Proteins



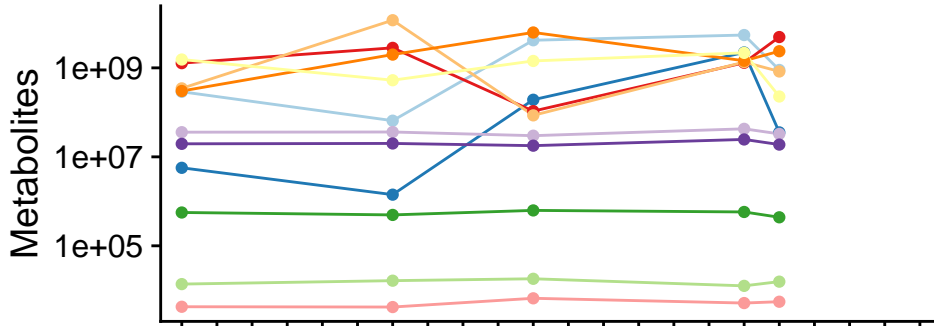
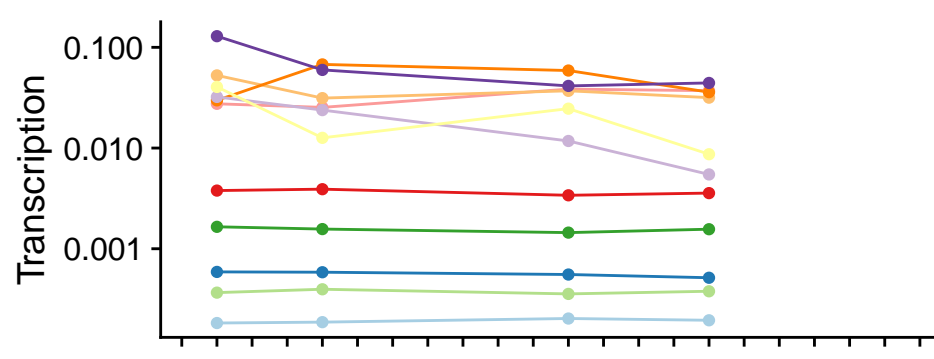
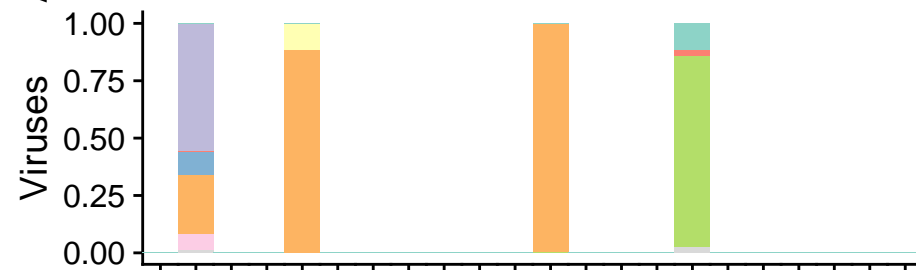
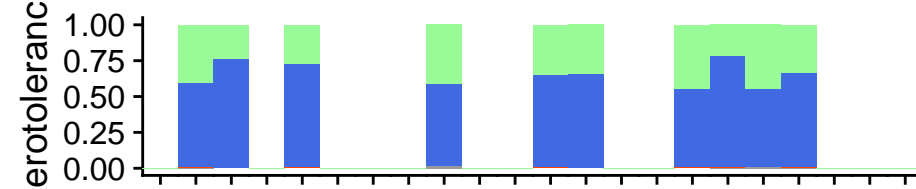
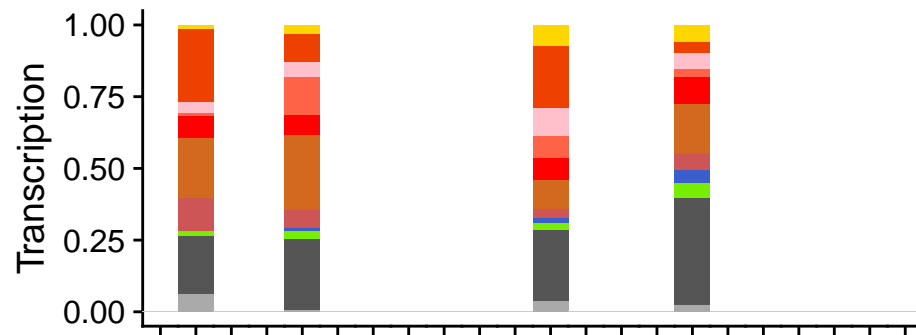
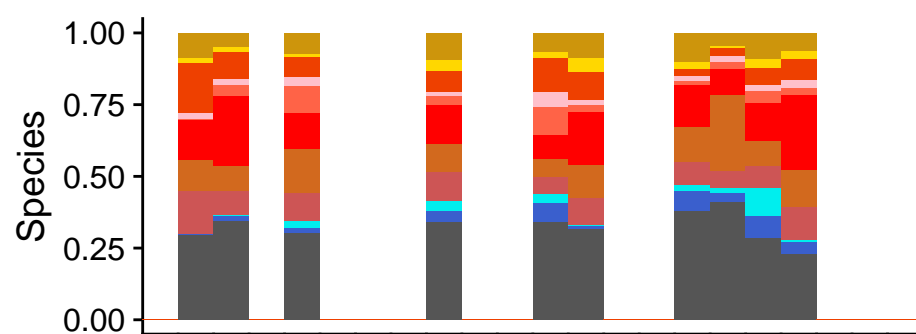
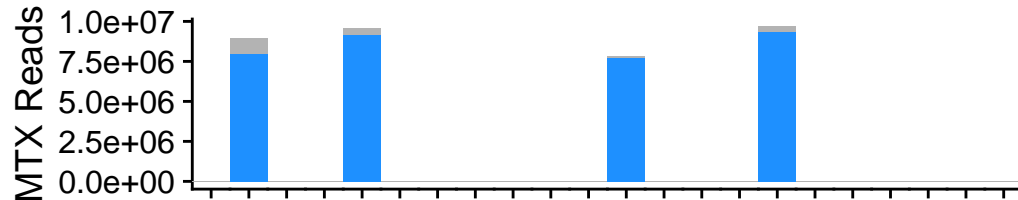
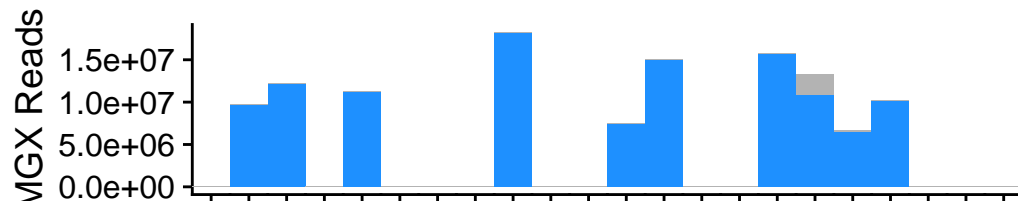
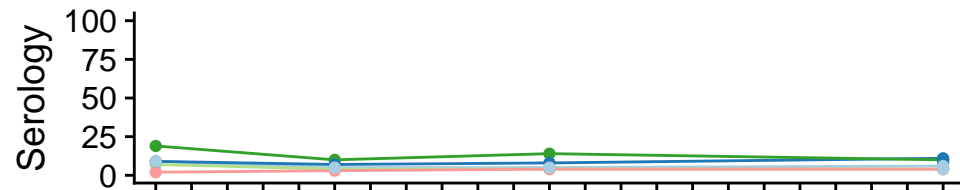
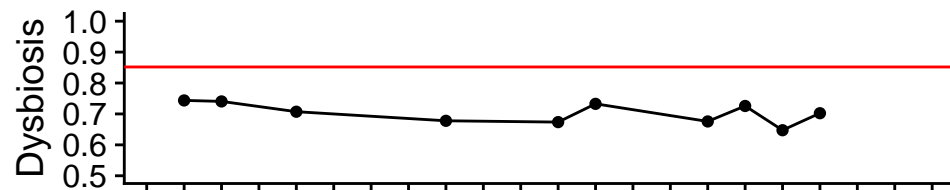
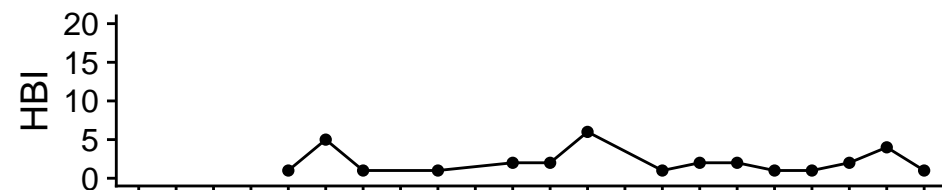
H4042: 15 Male White Cincinnati | UC



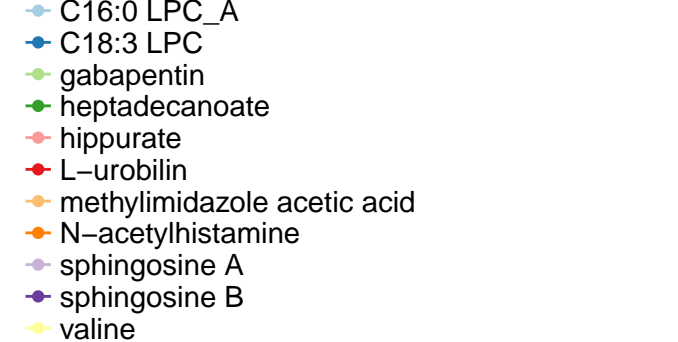
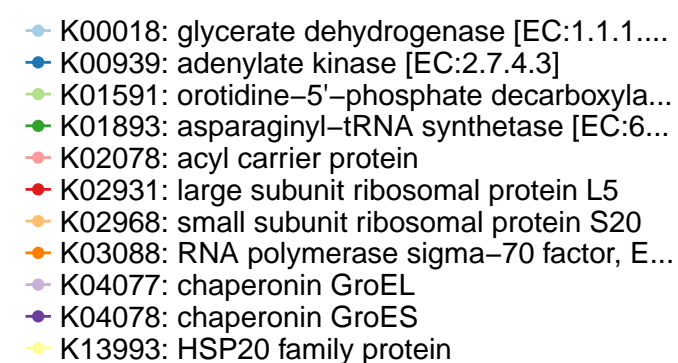
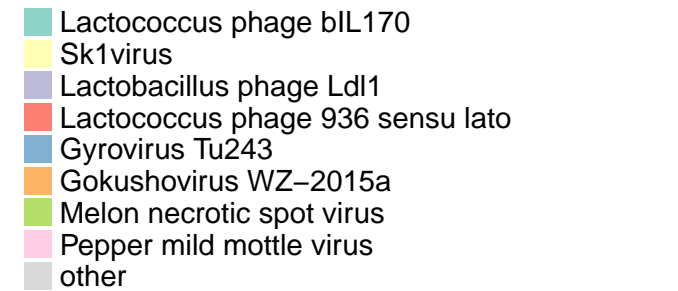
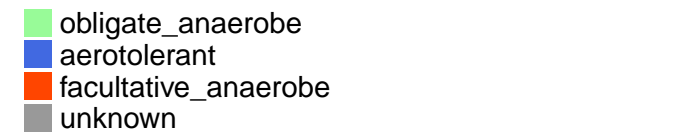
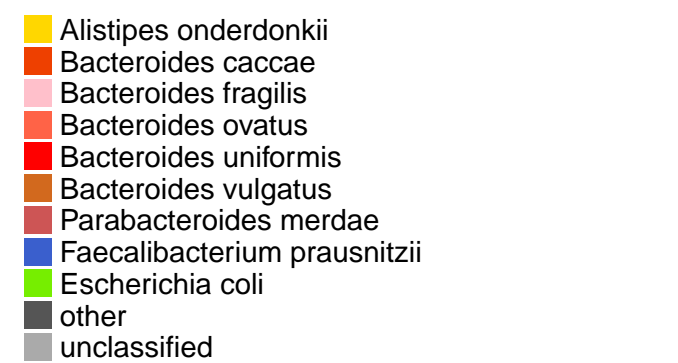
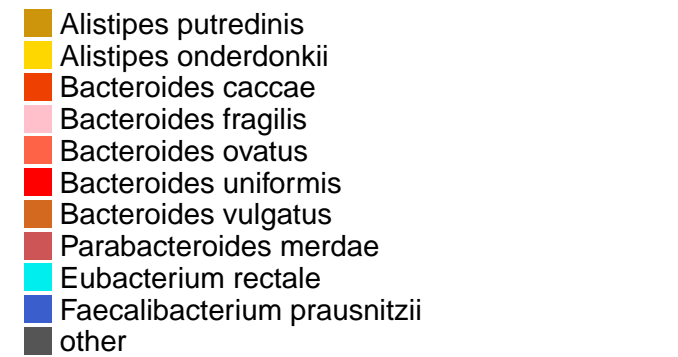
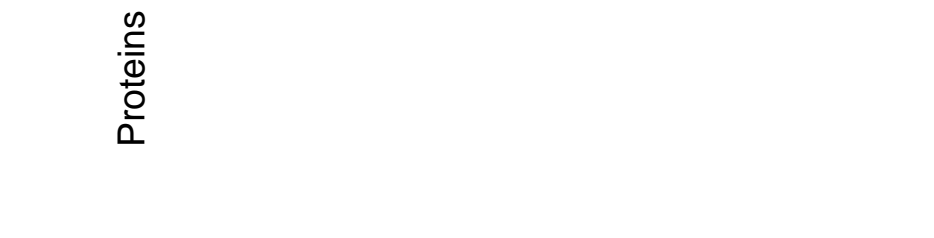
H4043: 14 Female White Cincinnati | CD L3



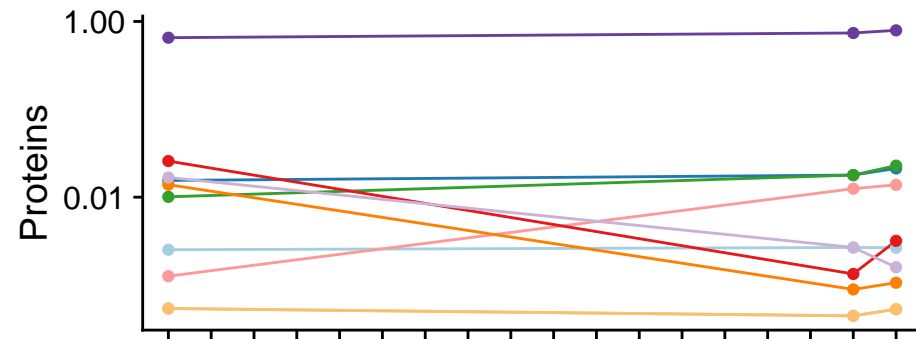
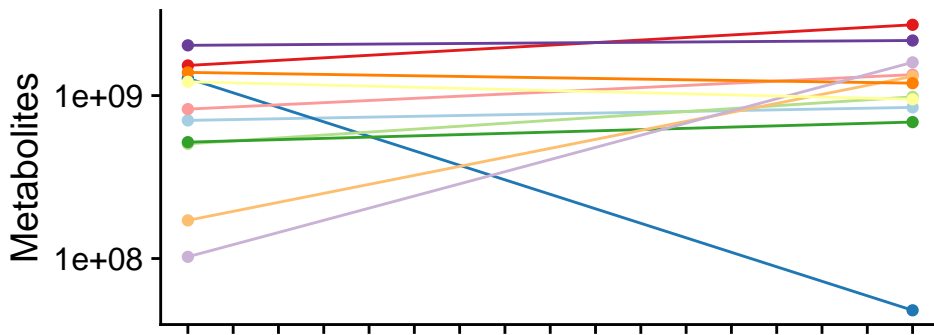
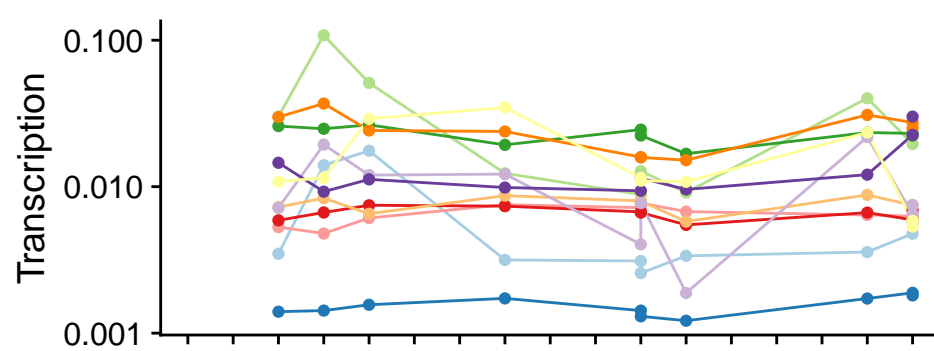
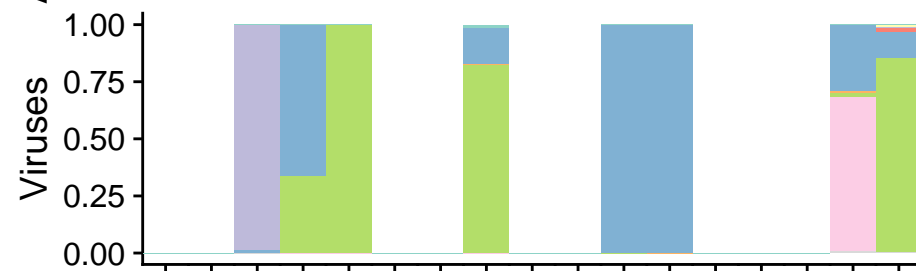
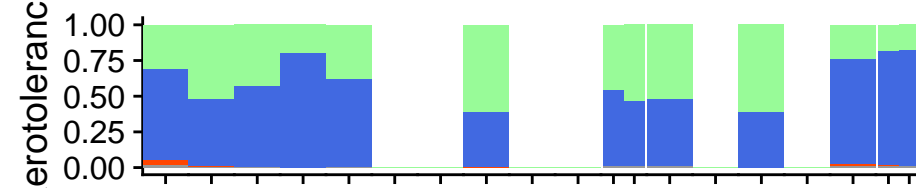
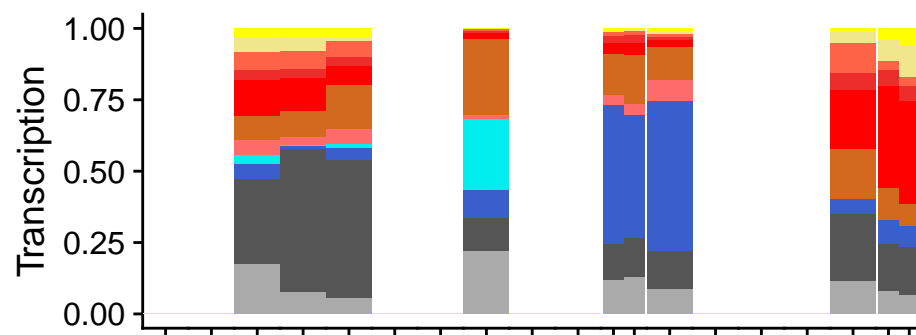
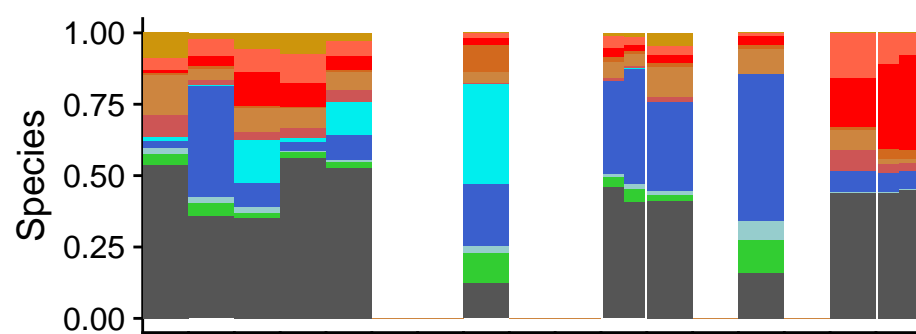
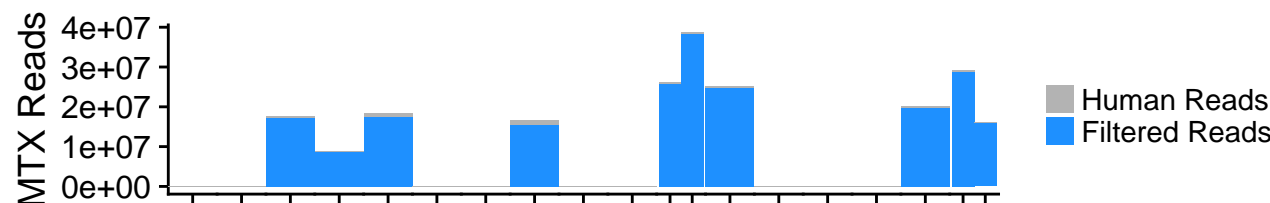
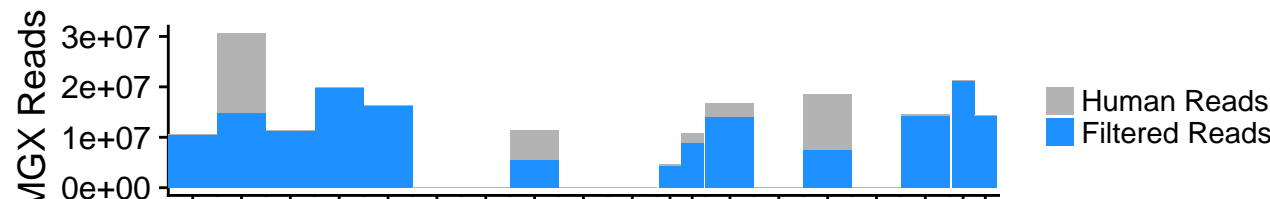
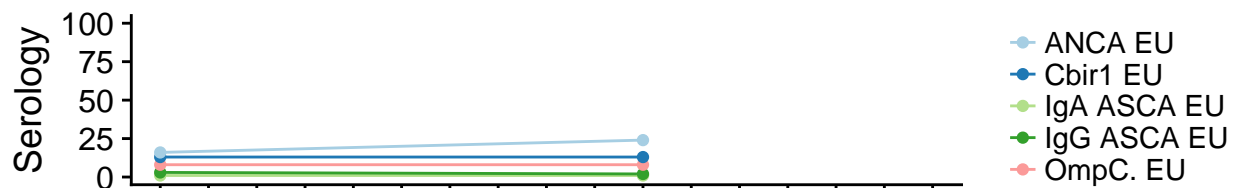
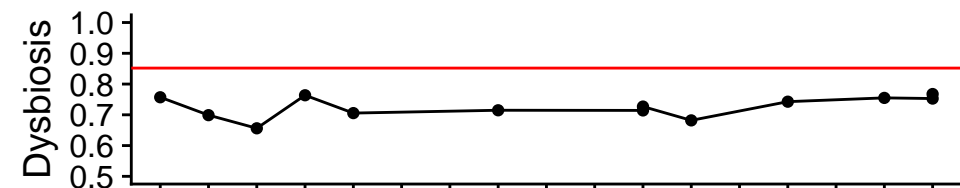
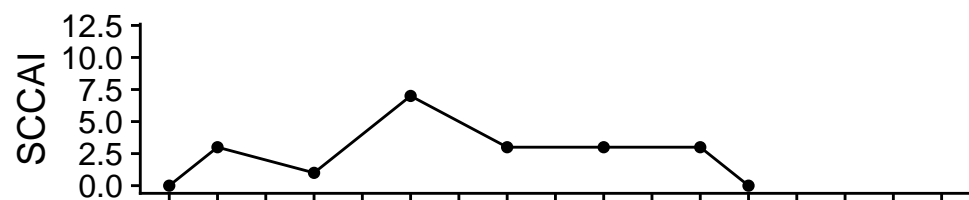
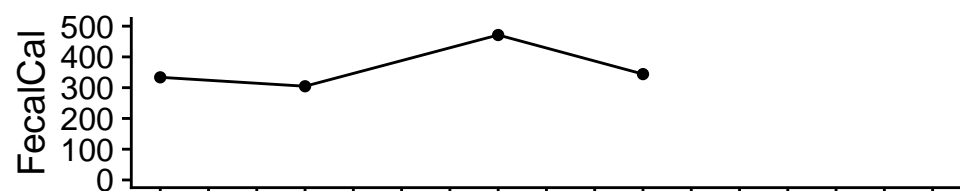
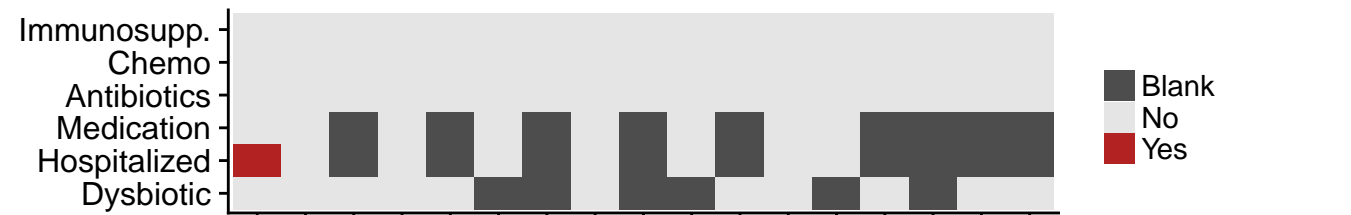
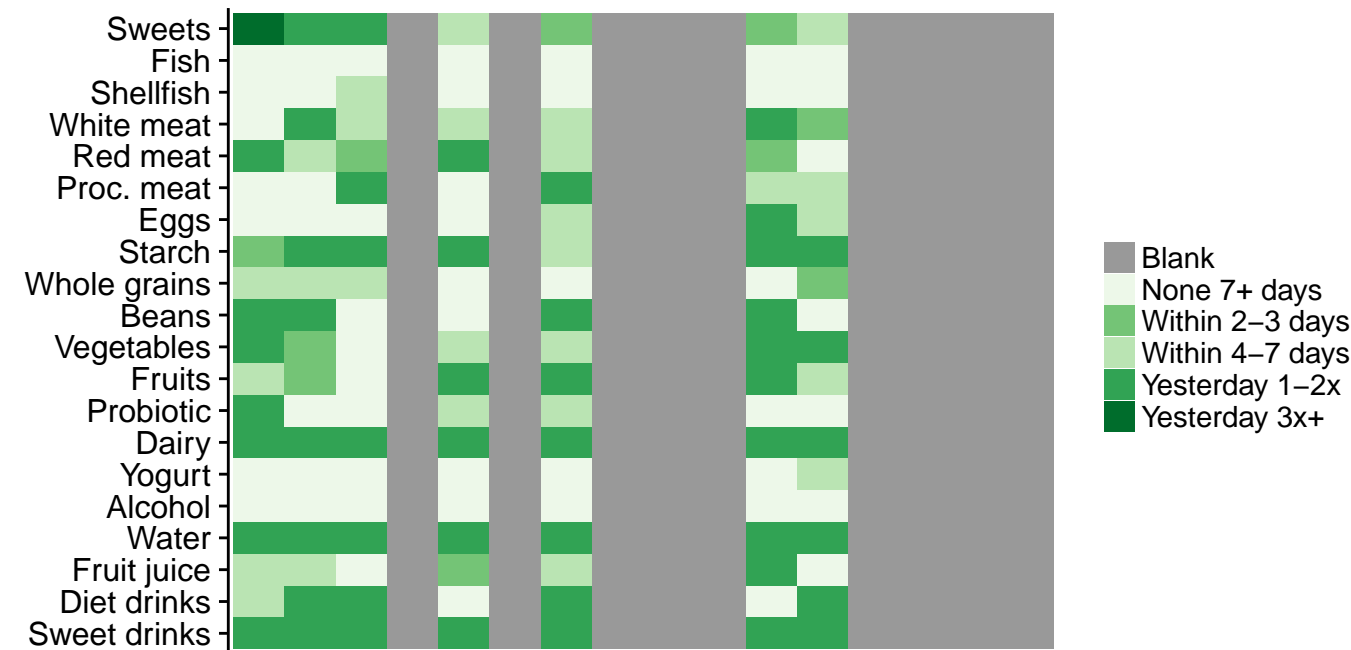
FecalCal



Proteins



H4044: 16 Male White Cincinnati | UC



Alistipes putredinis
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Parabacteroides merdae
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Sutterella wadsworthensis
other

Alistipes shahii
Alistipes finegoldii
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Eubacterium rectale
Faecalibacterium prausnitzii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

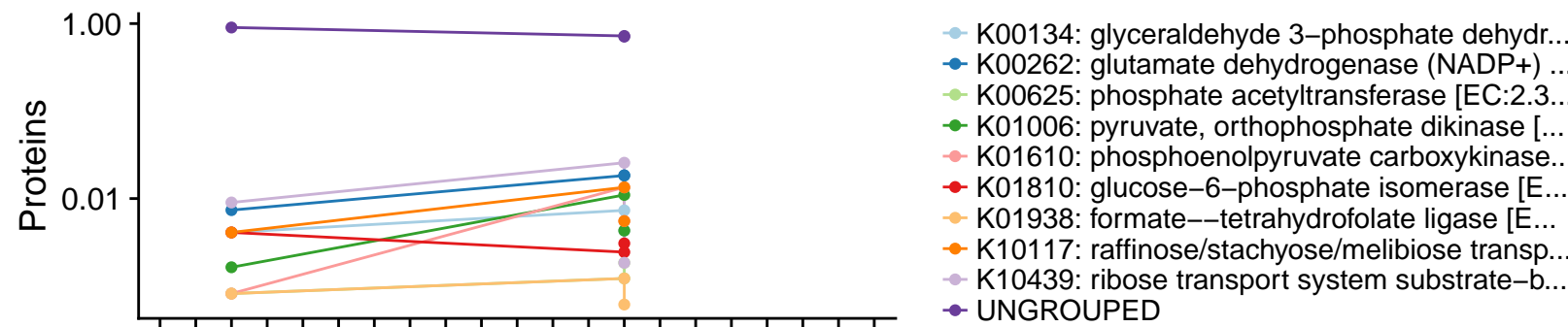
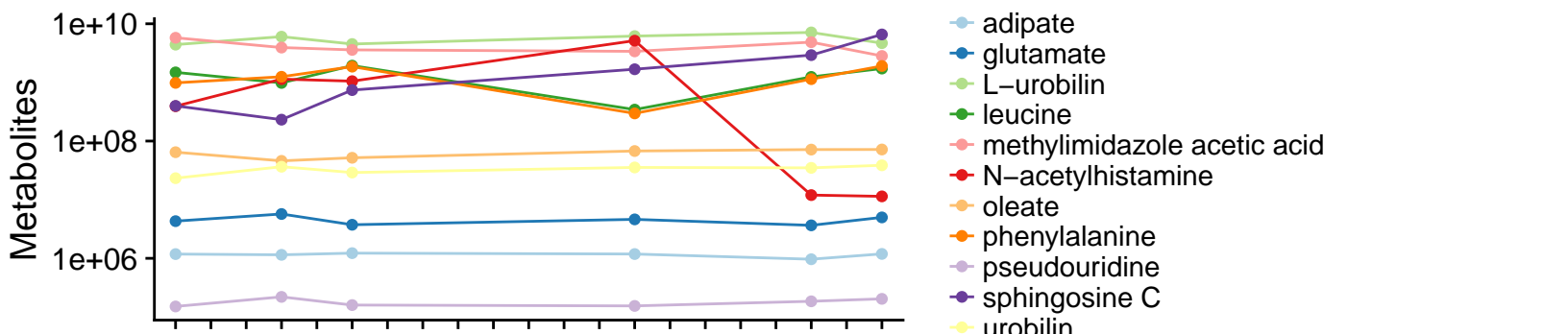
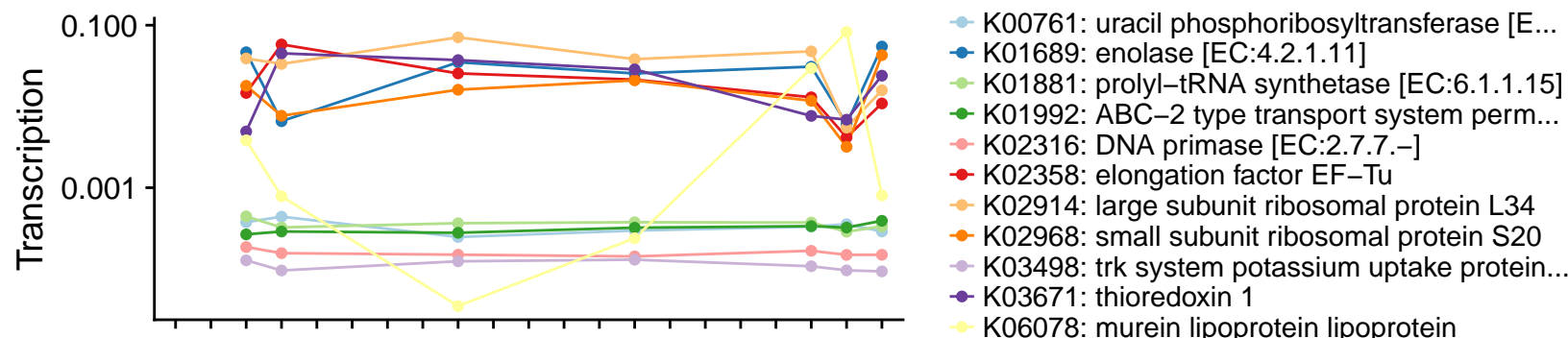
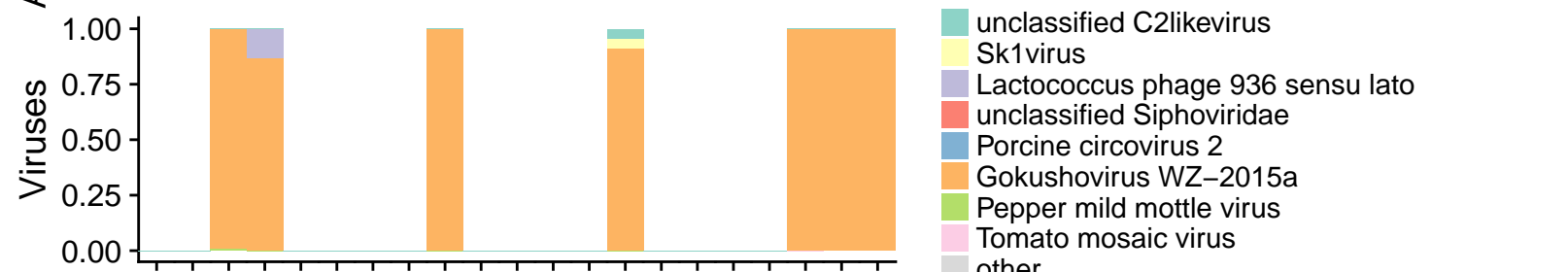
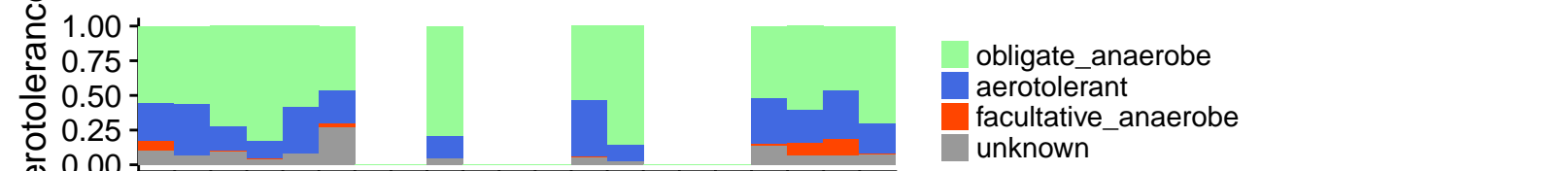
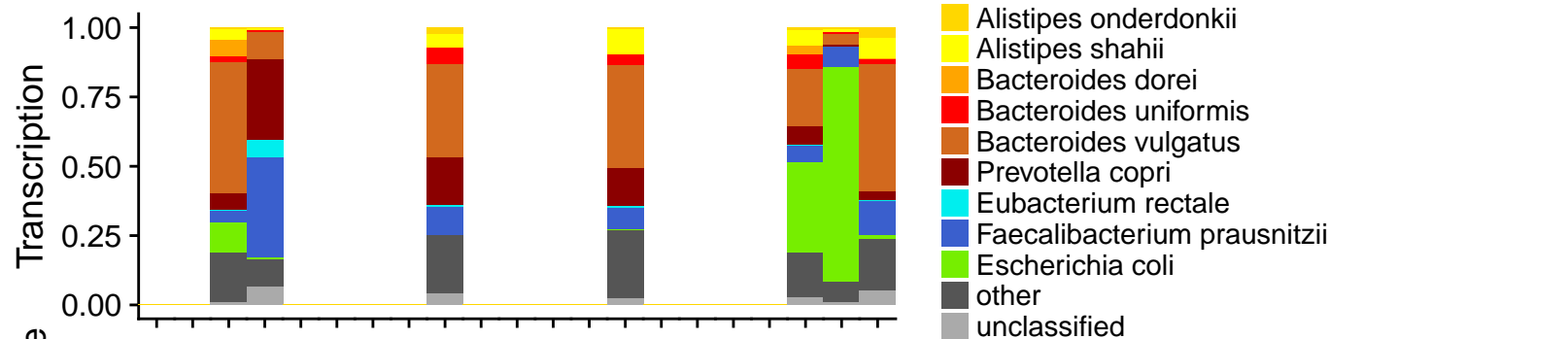
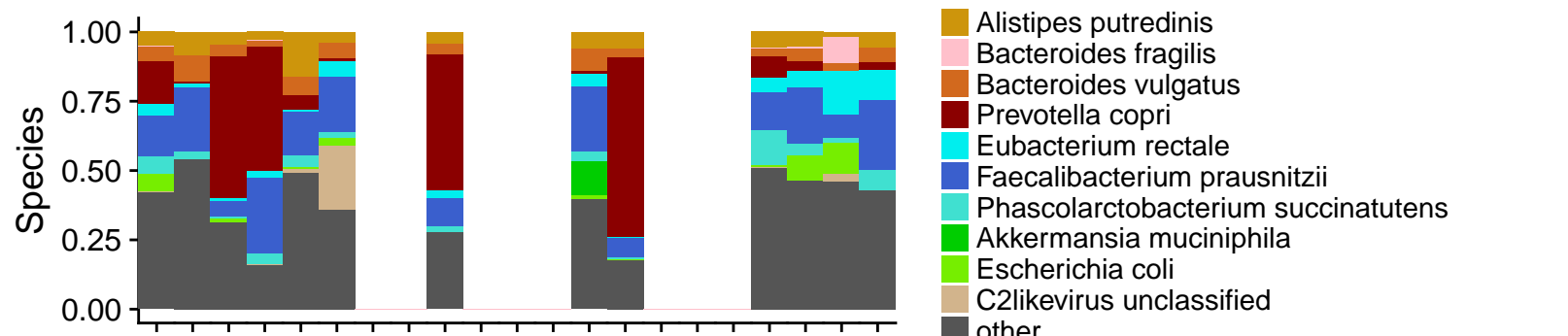
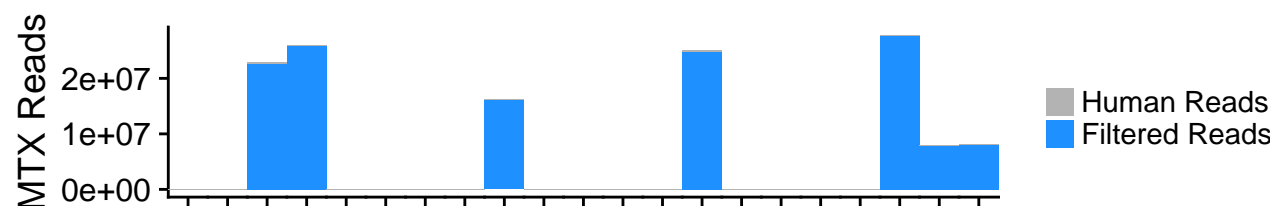
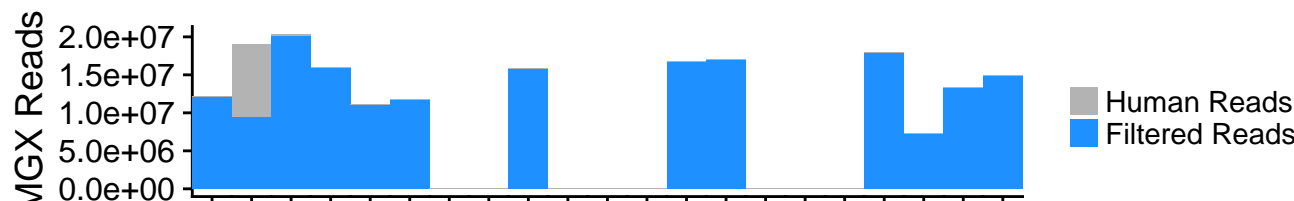
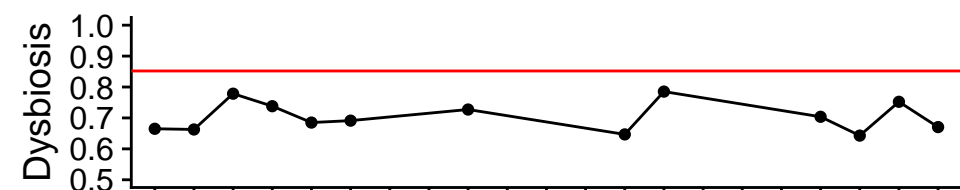
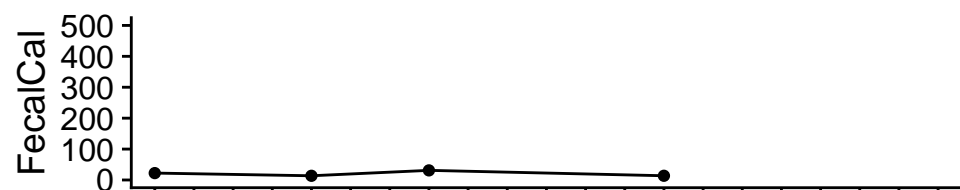
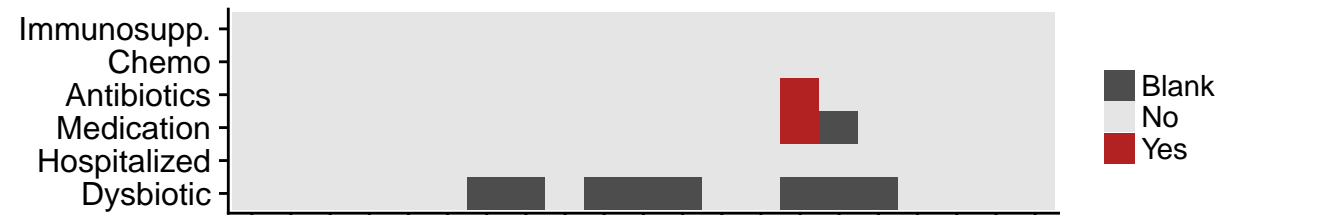
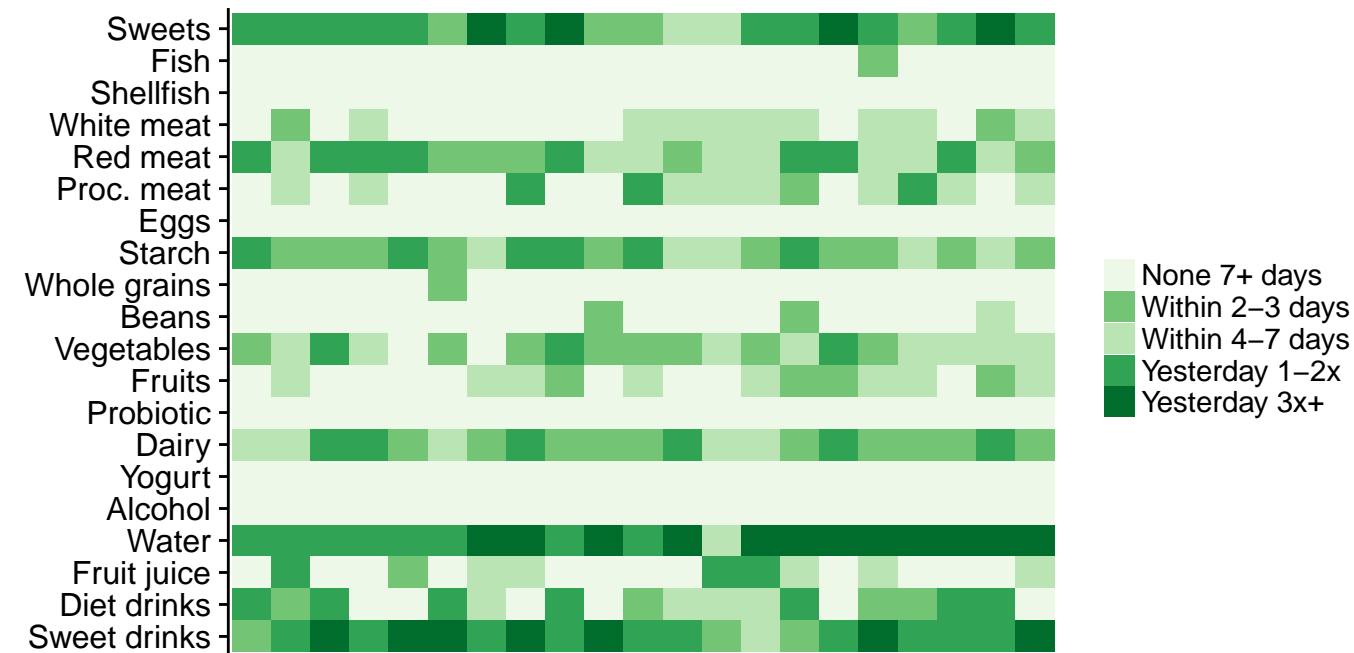
Pseudomonas phage PPpW-4
Lactococcus phage M5938
Croceibacter phage P2559S
Lactococcus phage 936 sensu lato
Gokushovirus WZ-2015a
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Tomato brown rugose fruit virus
other

K01834: 2,3-bisphosphoglycerate-depende...
K01939: adenylosuccinate synthase [EC:6.3....
K02078: acyl carrier protein
K02358: elongation factor EF-Tu
K02863: large subunit ribosomal protein L1
K02867: large subunit ribosomal protein L11
K02874: large subunit ribosomal protein L14
K02914: large subunit ribosomal protein L34
K02919: large subunit ribosomal protein L36
K03073: preprotein translocase subunit SecE
K04078: chaperonin GroES

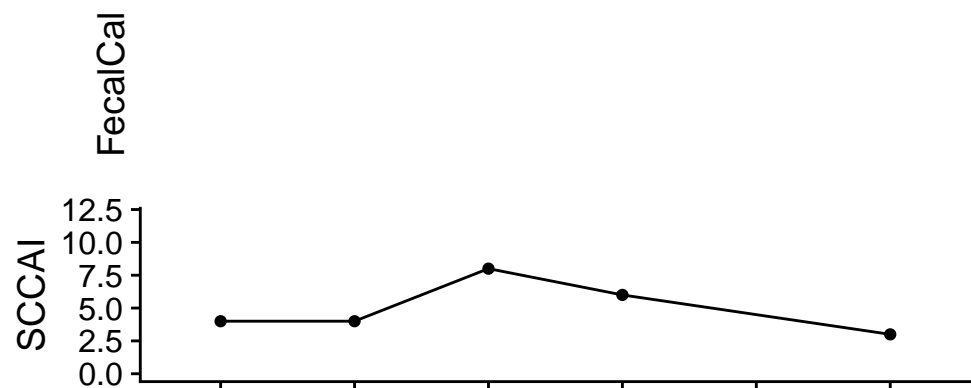
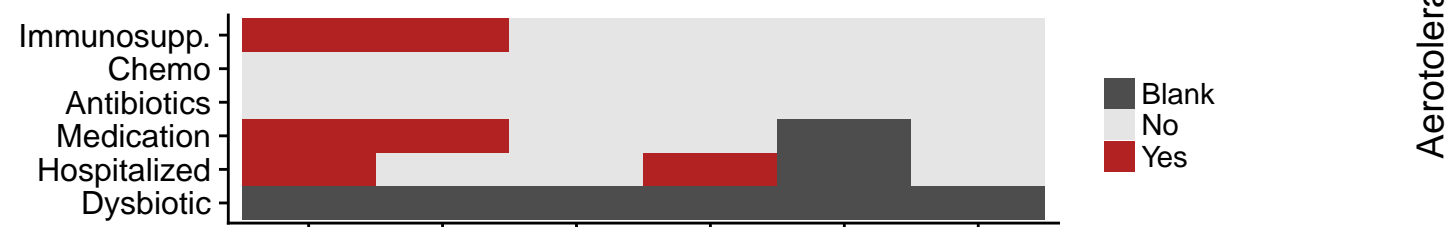
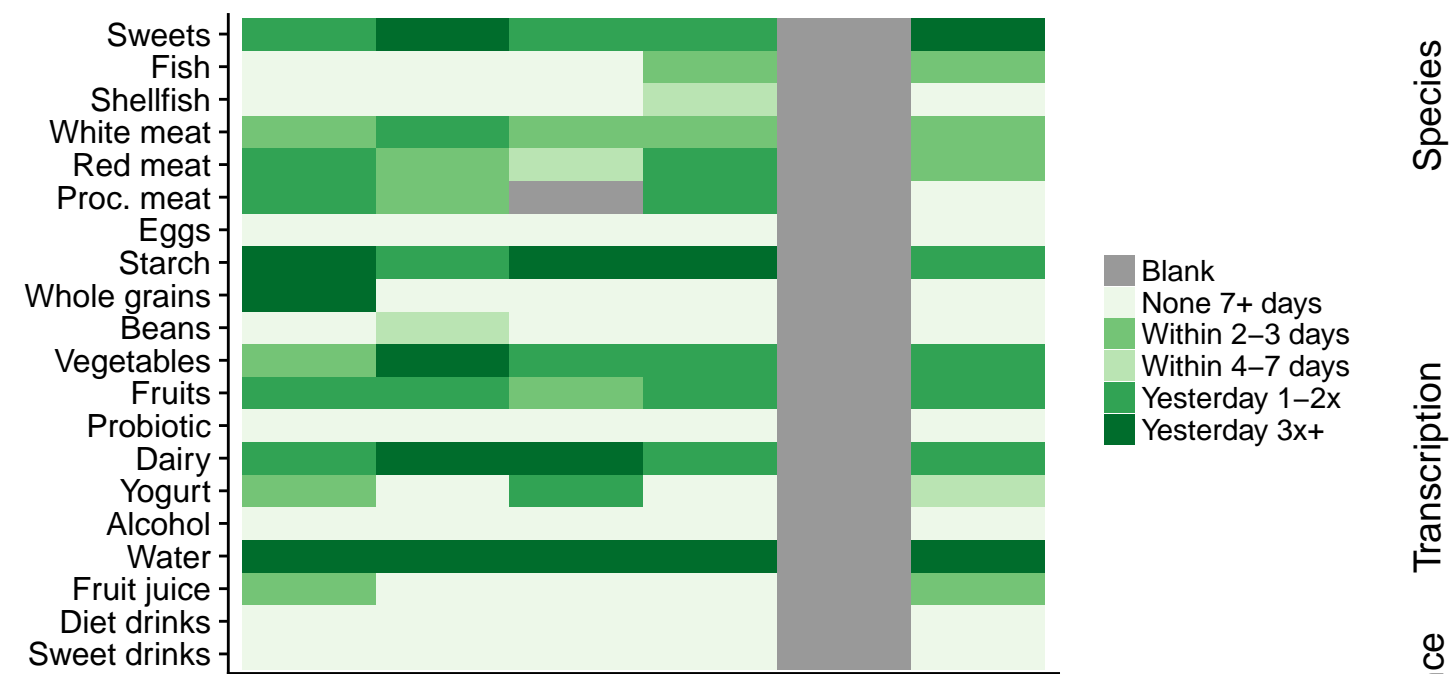
2-deoxyadenosine
cadaverine
isoleucine
L-urobilin
leucine
methylimidazole acetic acid
N1,N12-diacetylspermine
phenylalanine
spermidine
sphingosine C
valine

K00239: succinate dehydrogenase / fumarate...
K00262: glutamate dehydrogenase (NADP+) ...
K00639: glycine C-acetyltransferase [EC:2.3....
K01805: xylose isomerase [EC:5.3.1.5]
K01812: glucuronate isomerase [EC:5.3.1.12]
K02358: elongation factor EF-Tu
K03340: diaminopimelate dehydrogenase [E...
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
UNGROUPED

H4045: 14 Female White Cincinnati | nonIBD



H4047: 16 Female White Cincinnati | UC

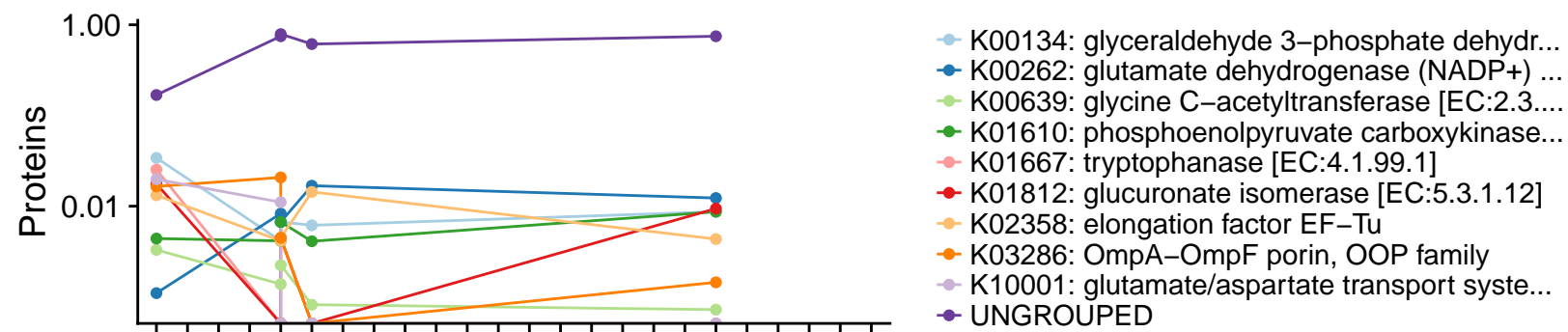
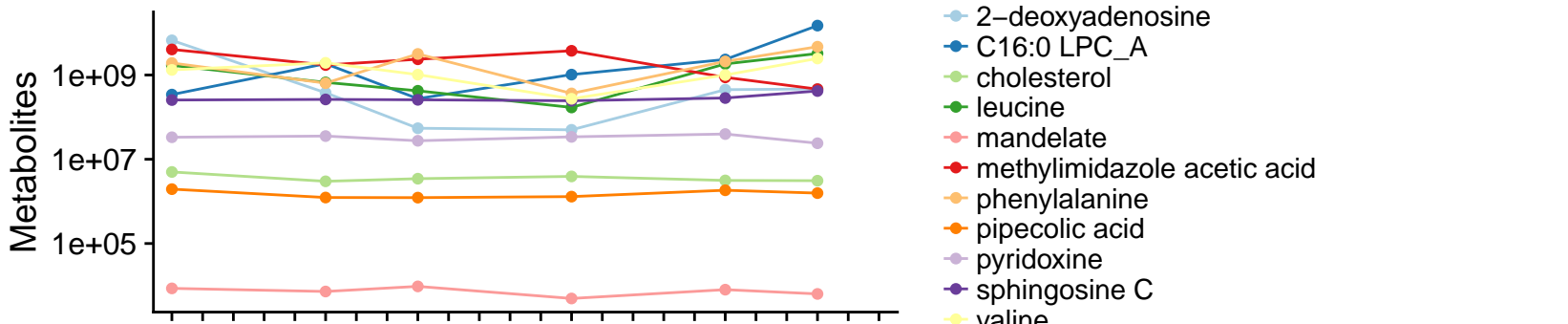
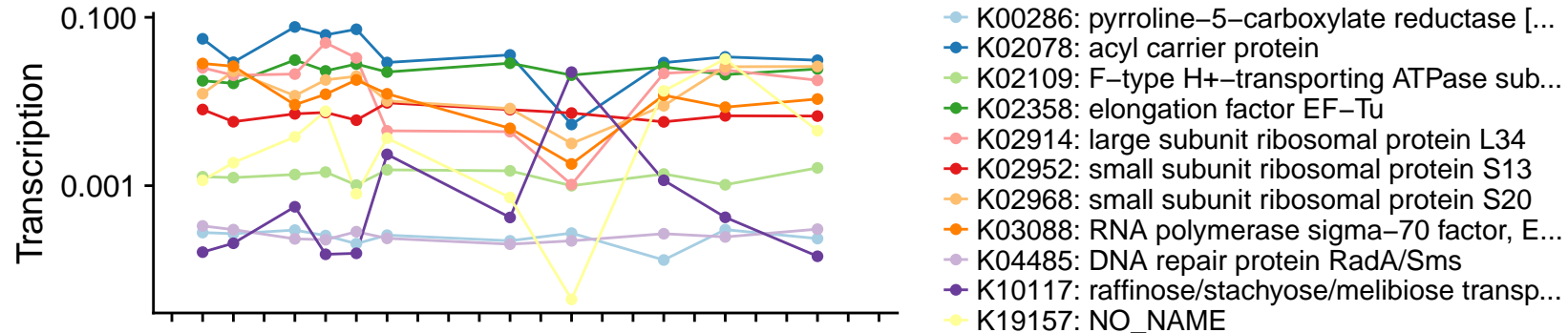
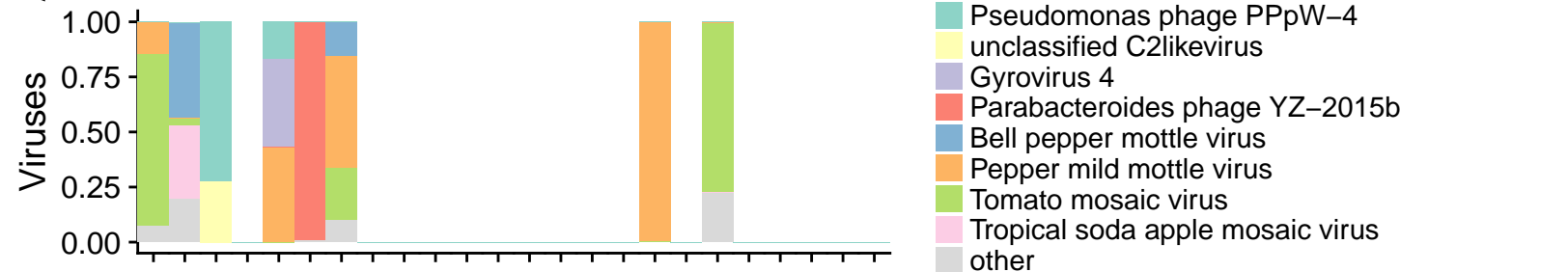
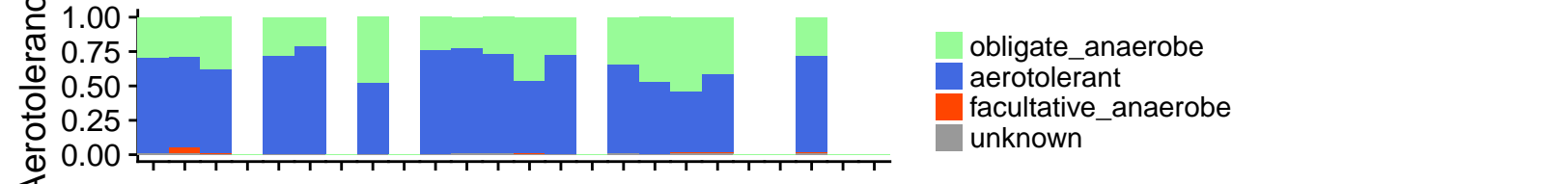
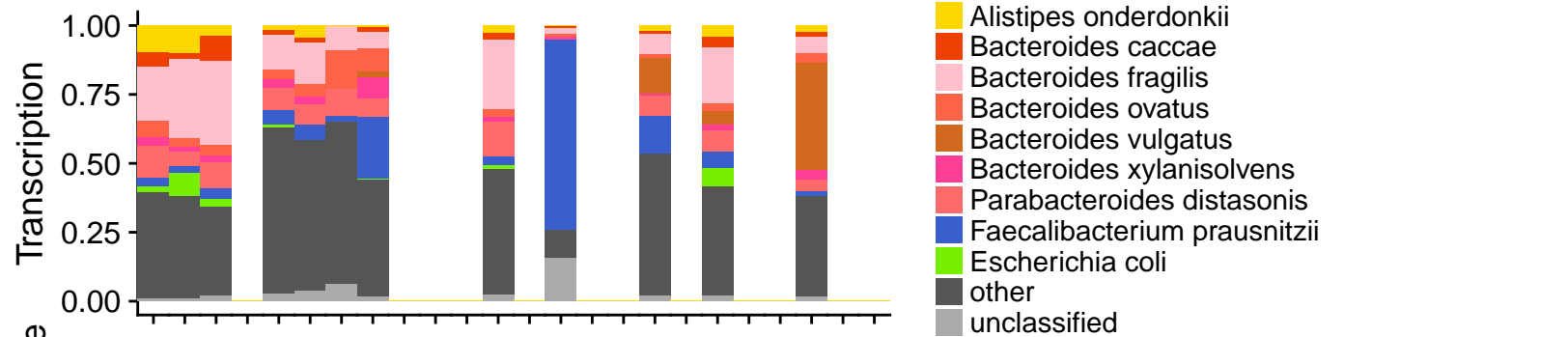
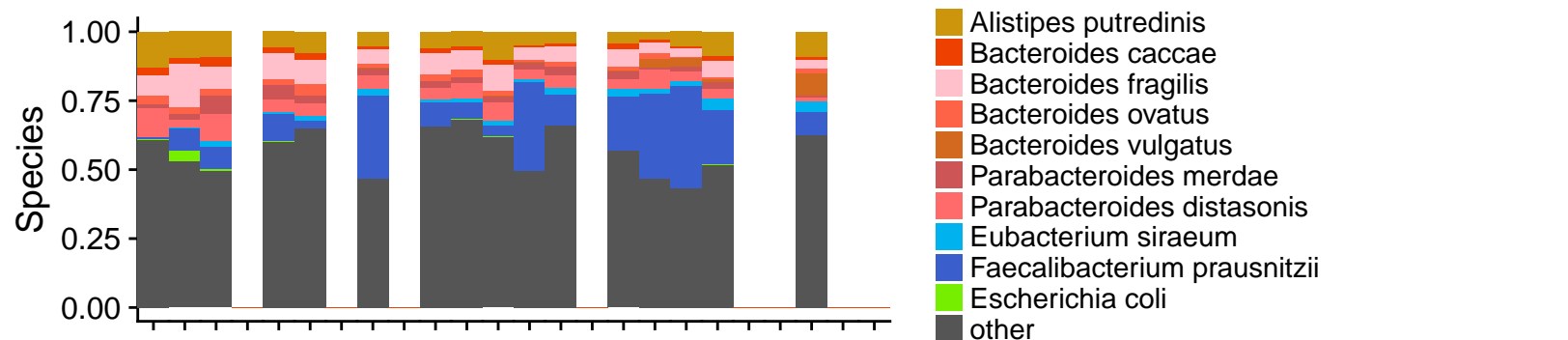
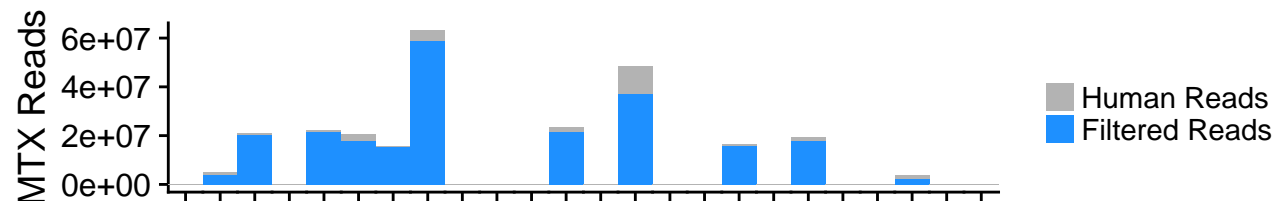
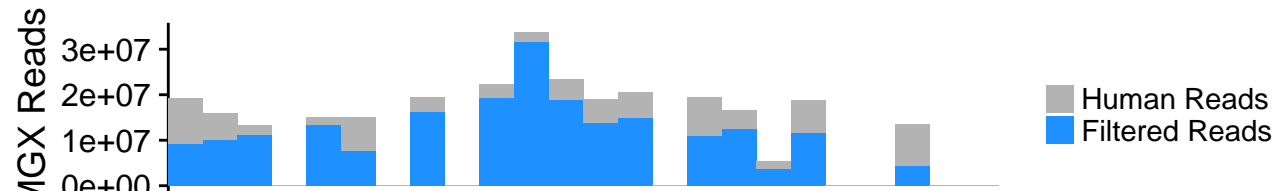
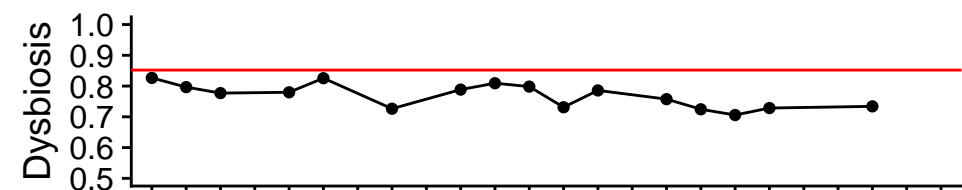
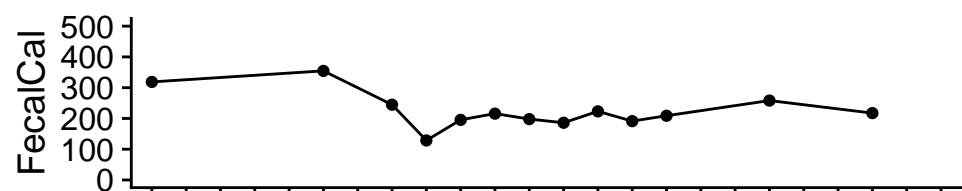
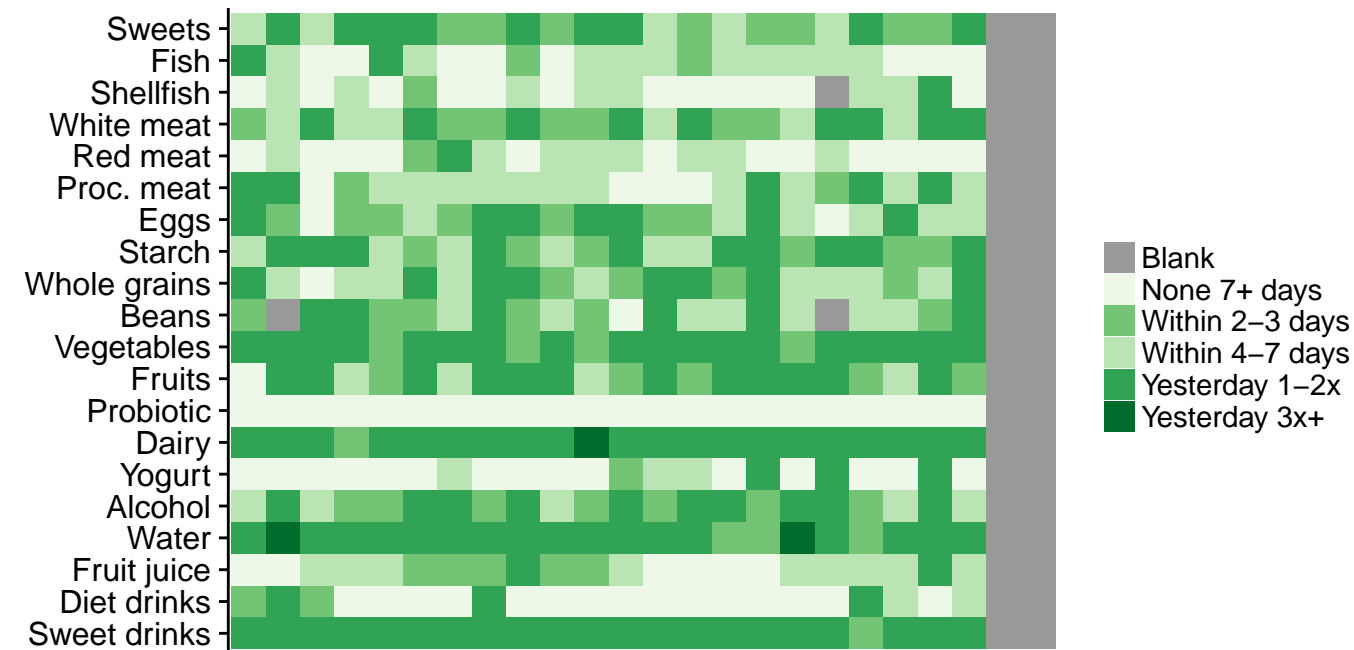


Serology

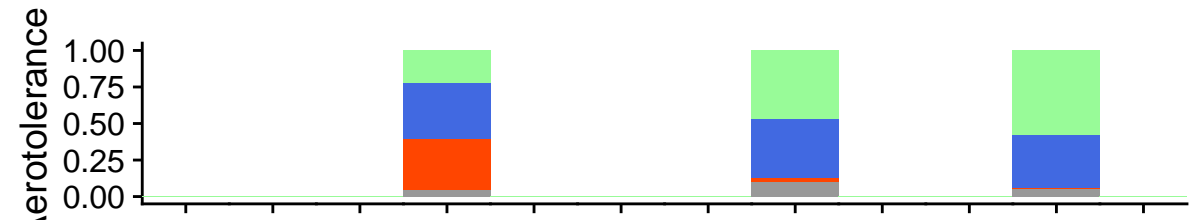
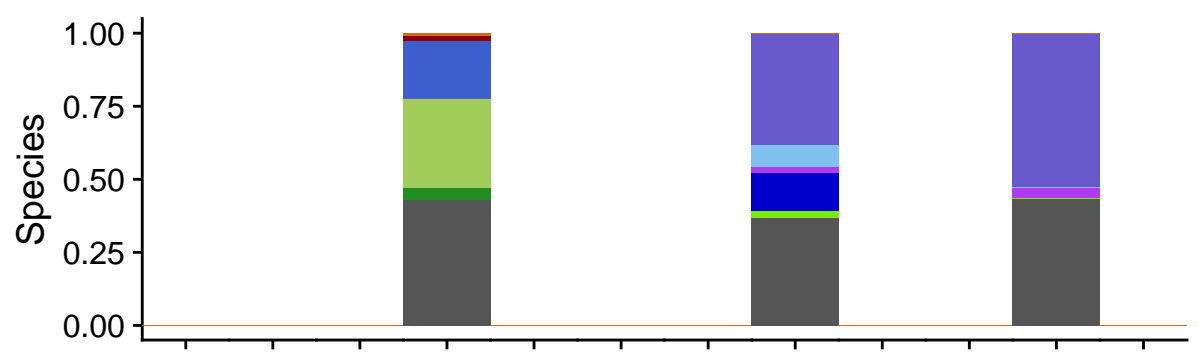
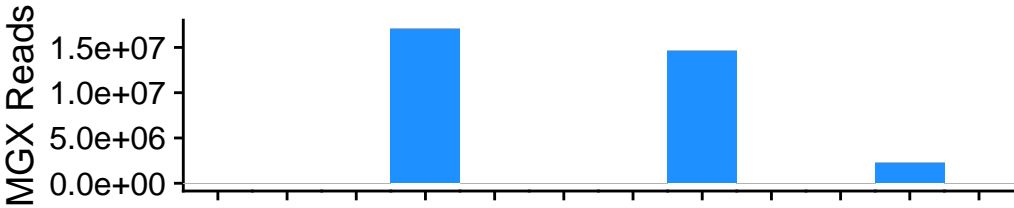
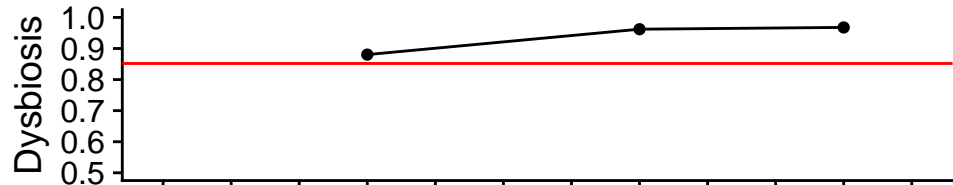
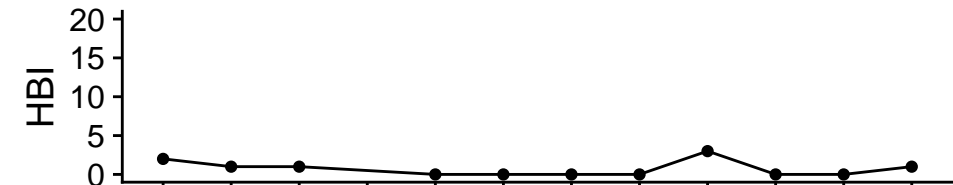
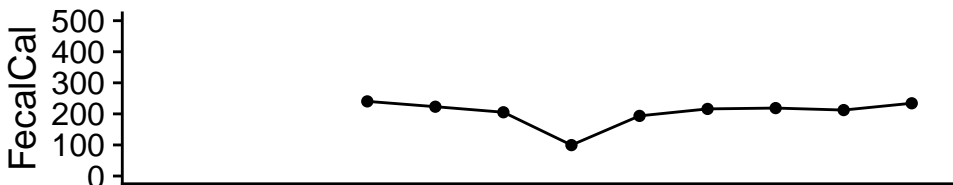
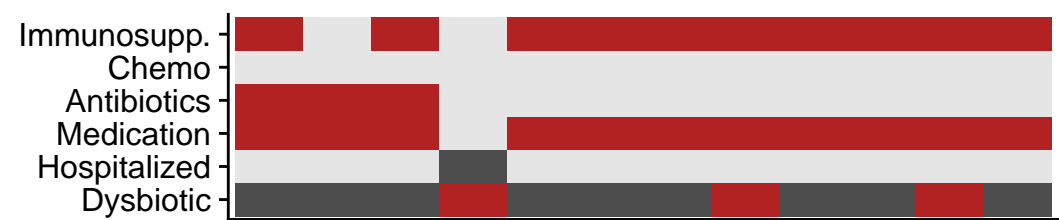
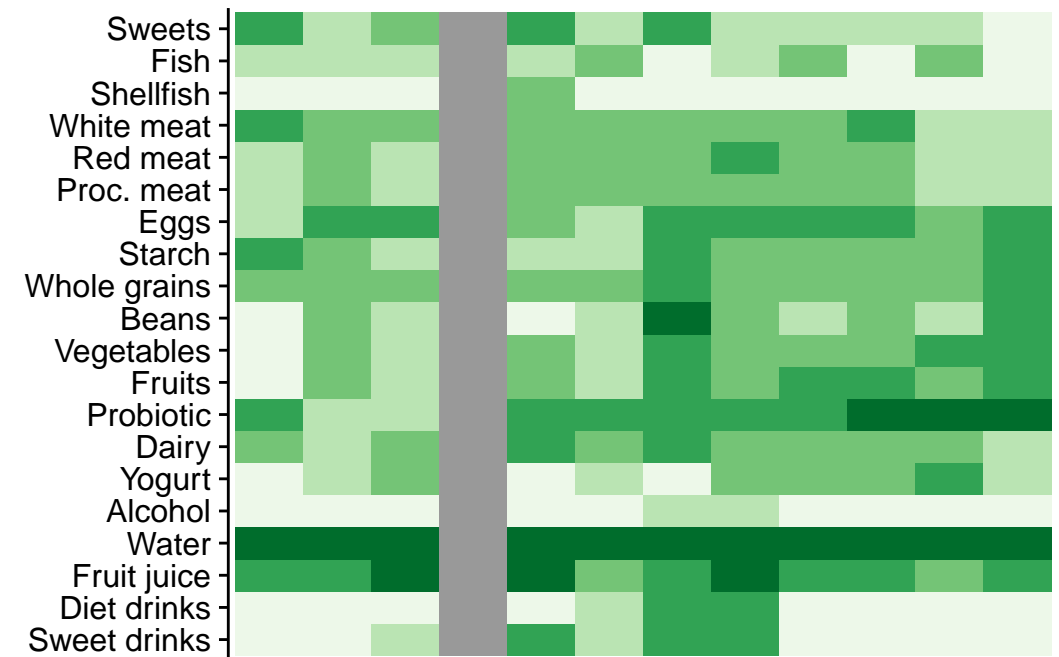
MGX Reads

MTX Reads

M2008: 30 Female White MGH | CD



M2010: 18 Male White MGH | CD L1



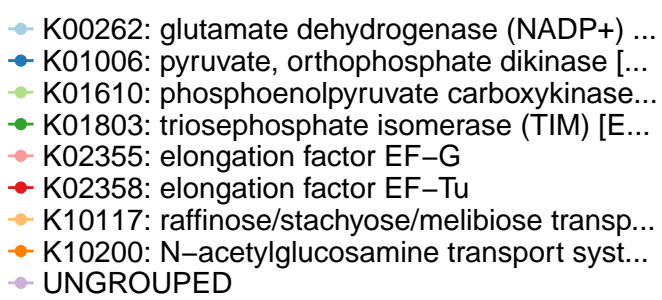
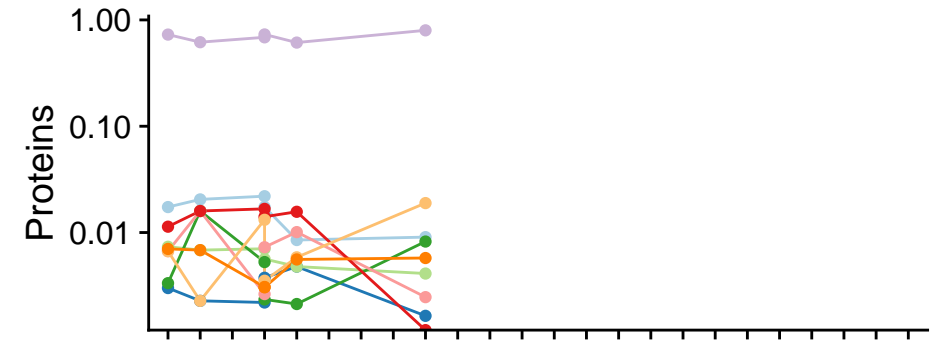
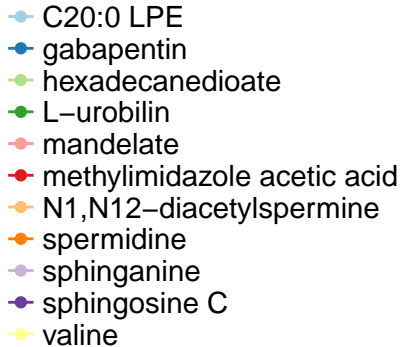
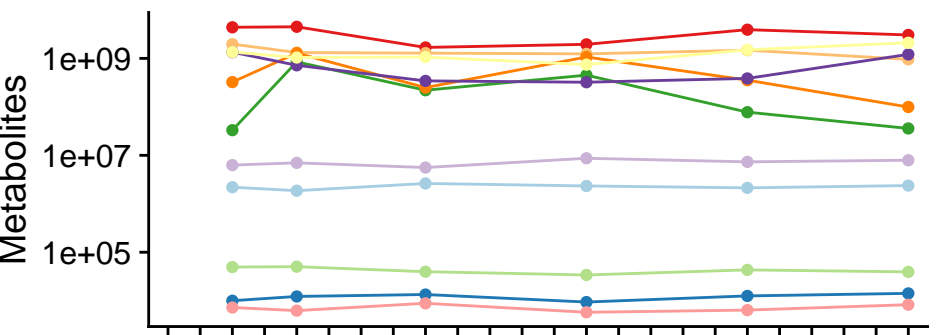
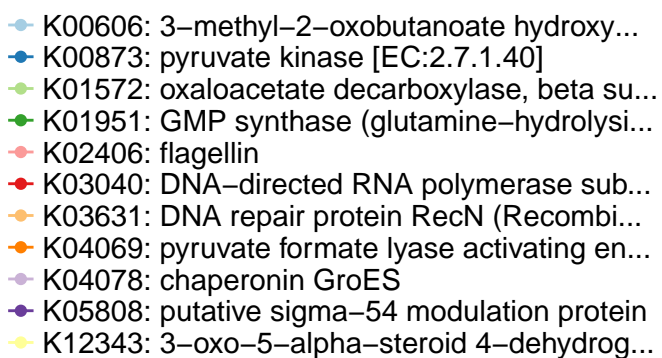
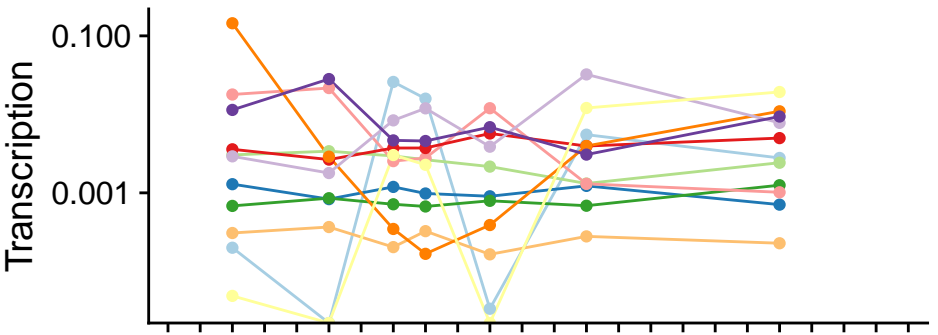
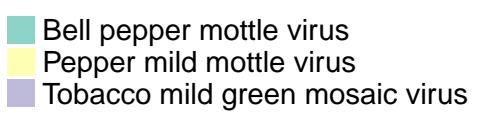
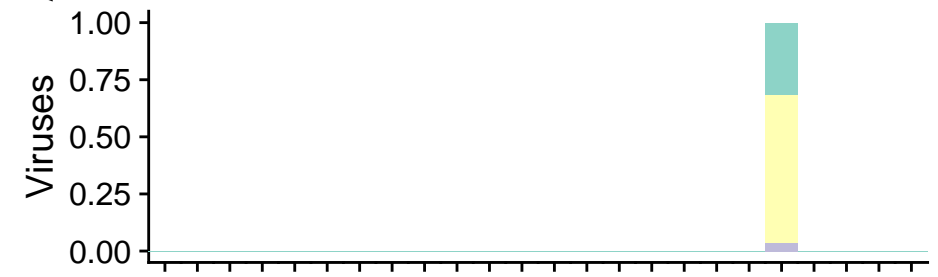
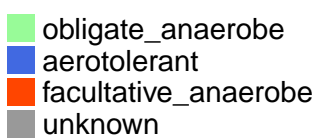
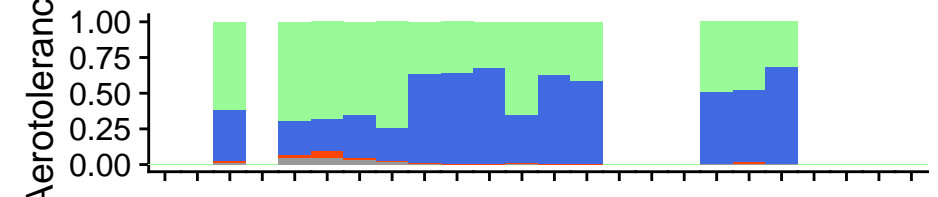
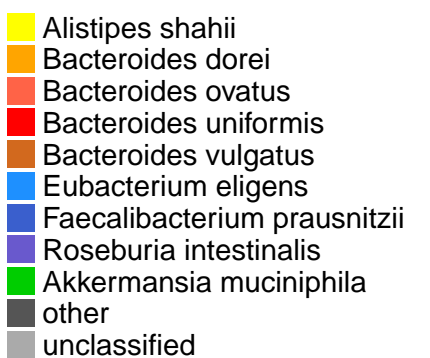
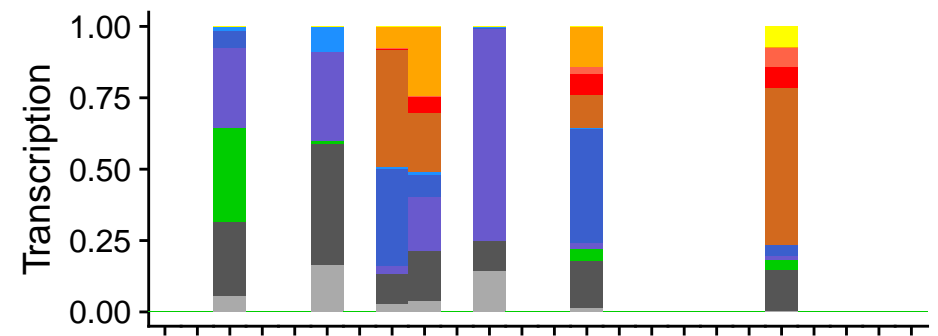
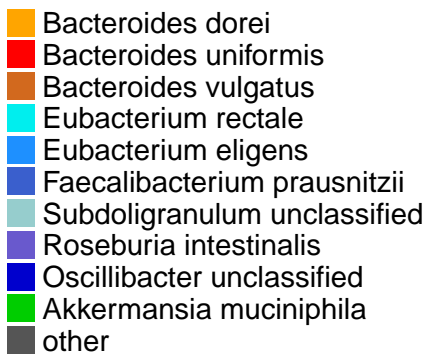
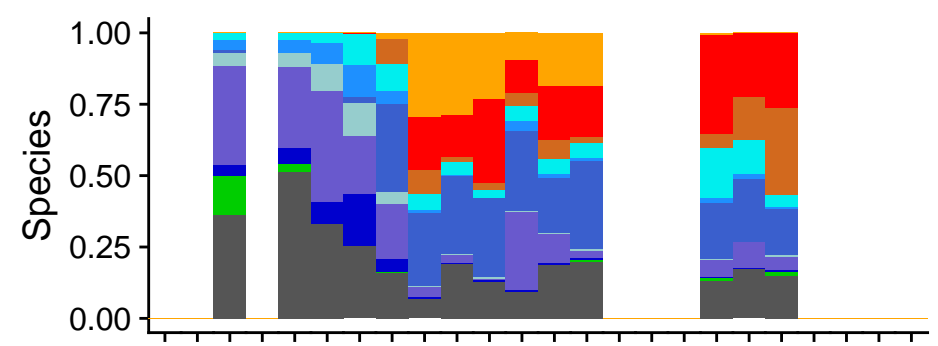
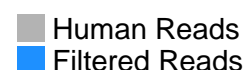
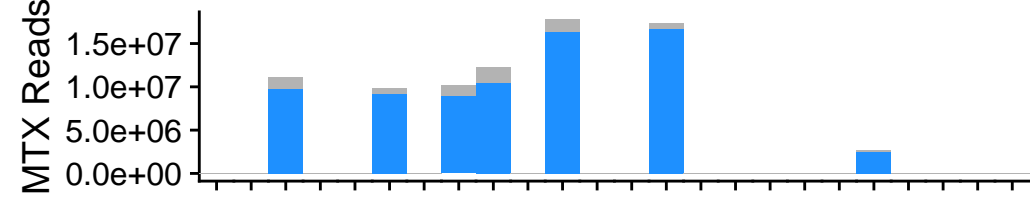
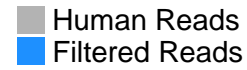
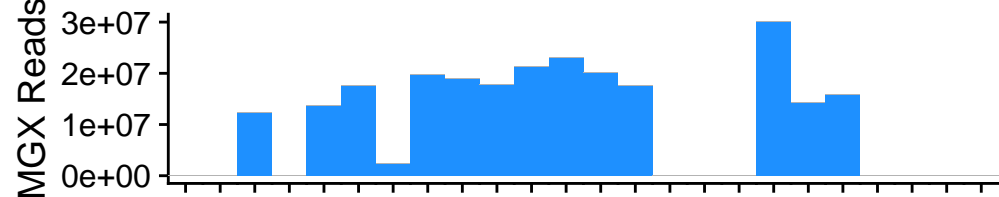
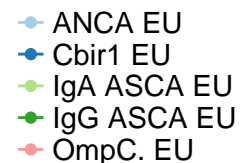
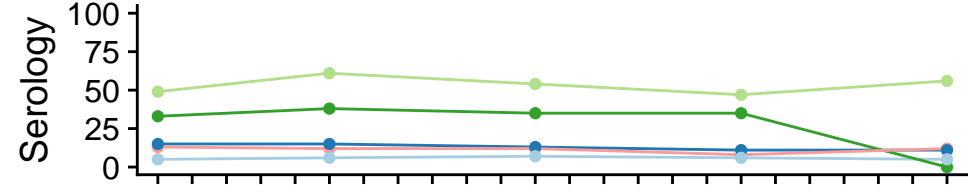
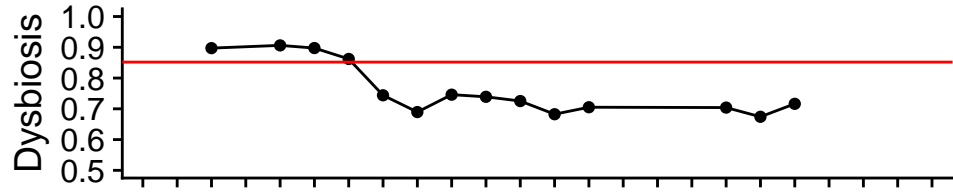
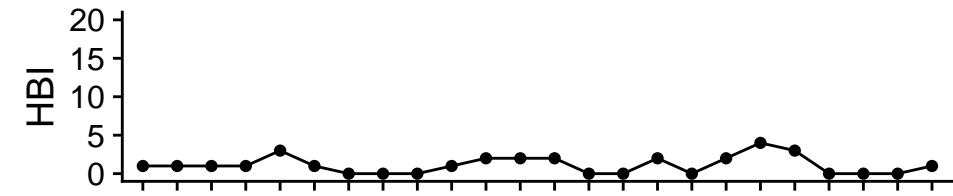
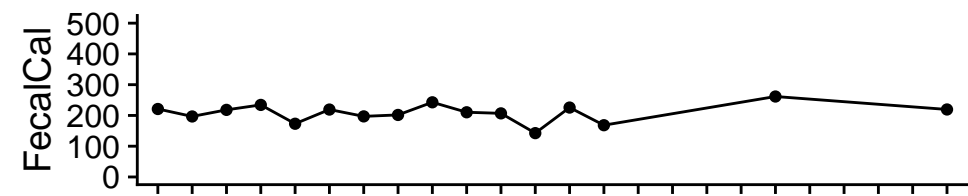
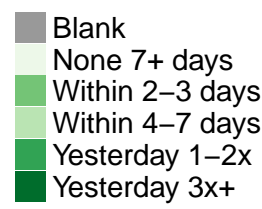
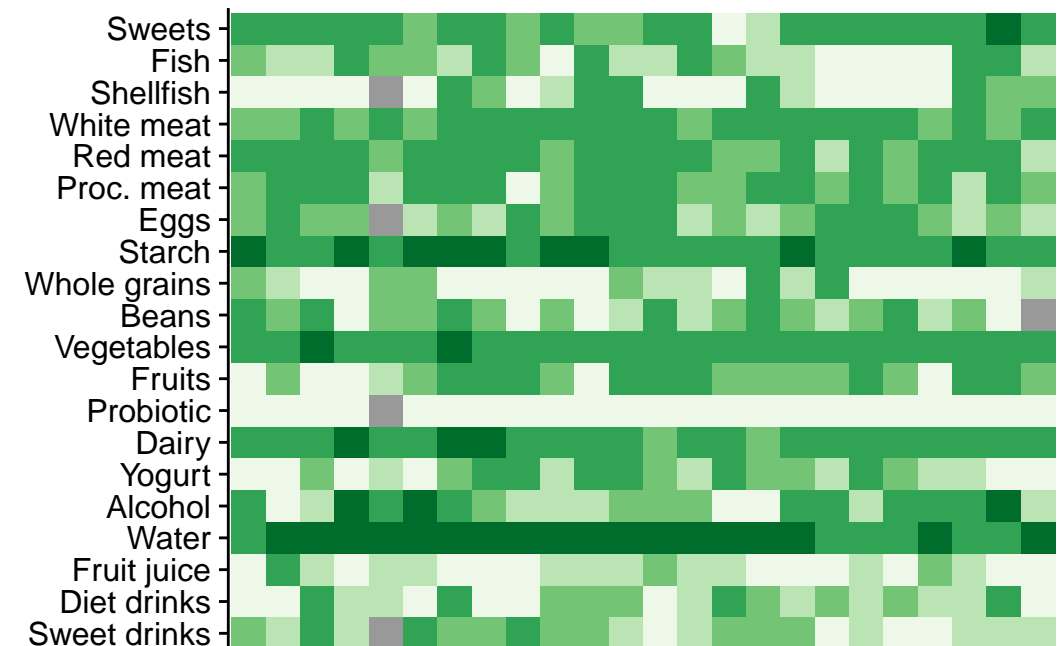
Viruses

Transcription

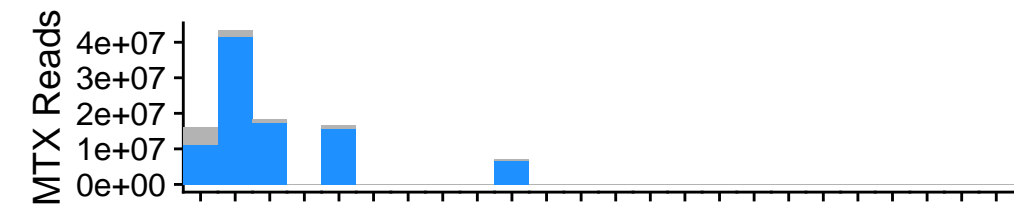
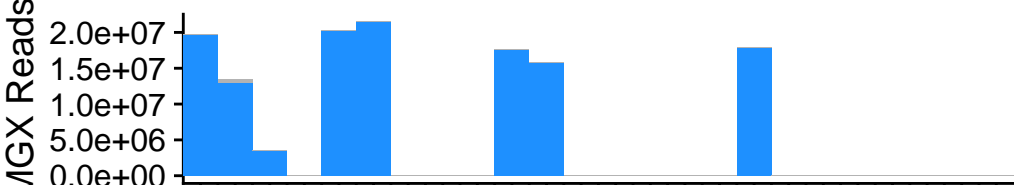
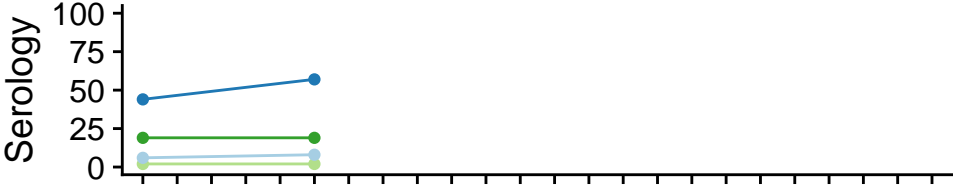
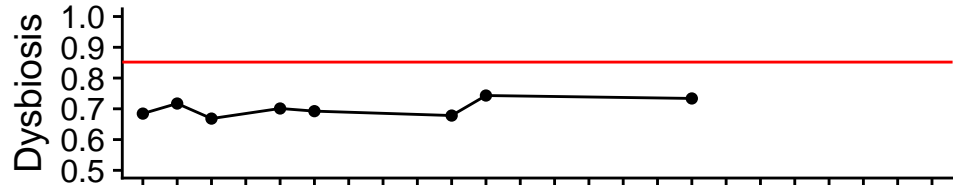
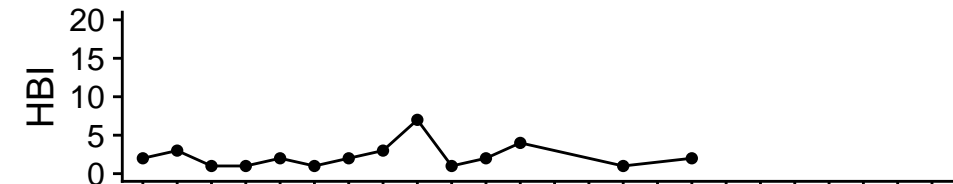
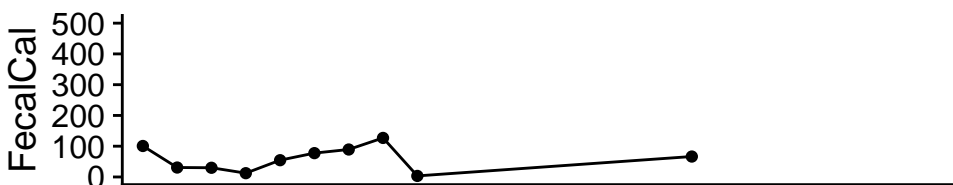
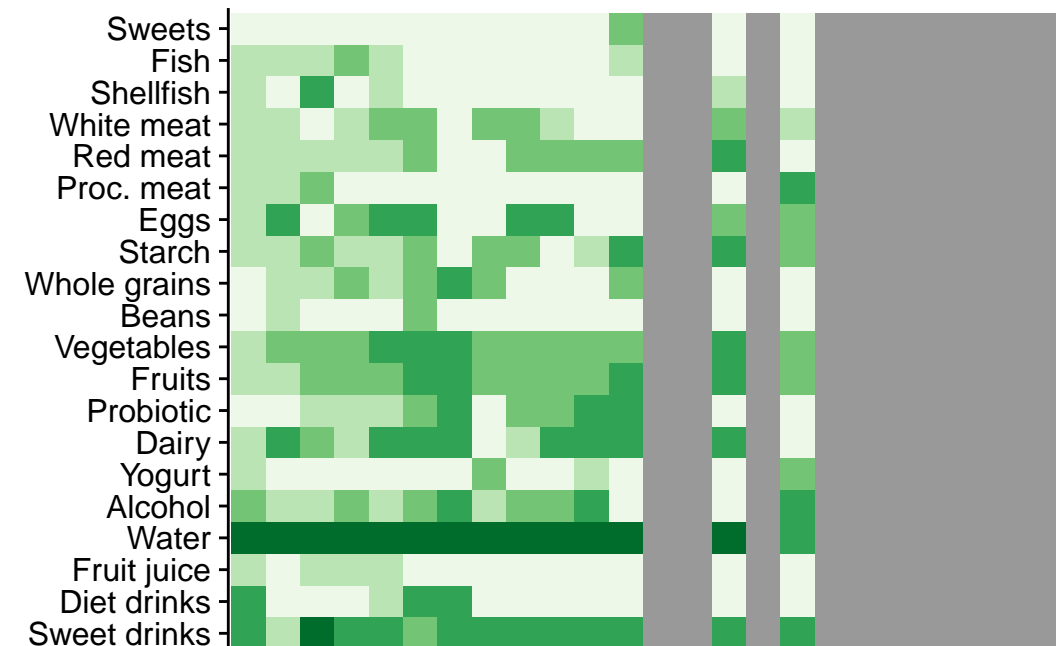
Metabolites

Proteins

M2014: 30 Male White MGH | CD L1



M2021: 26 Male White MGH | CD L2



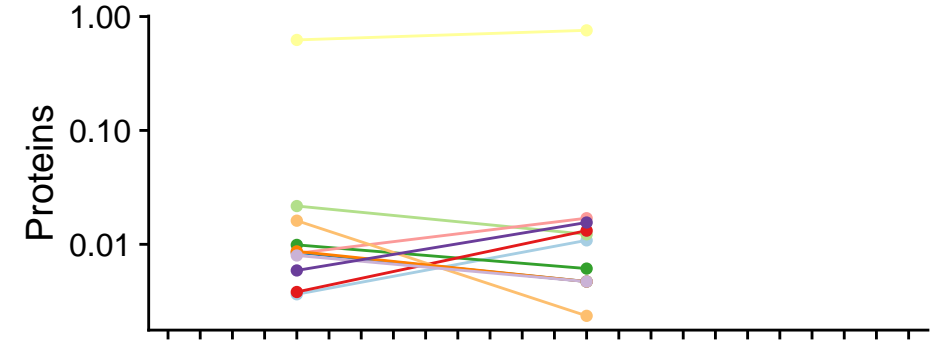
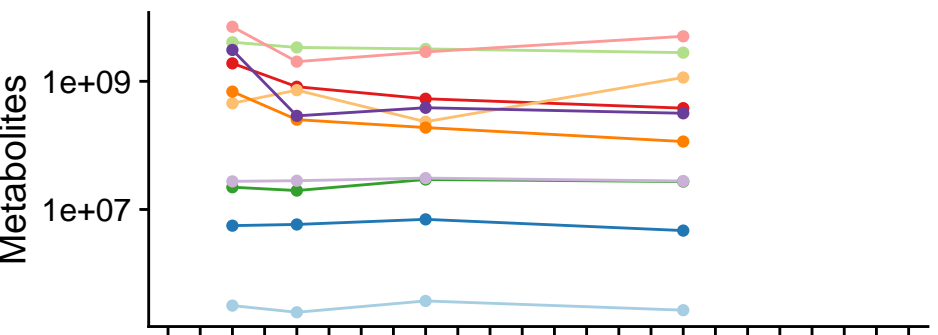
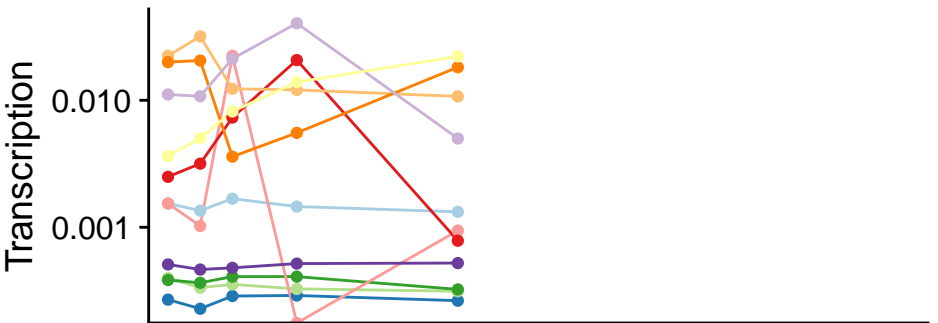
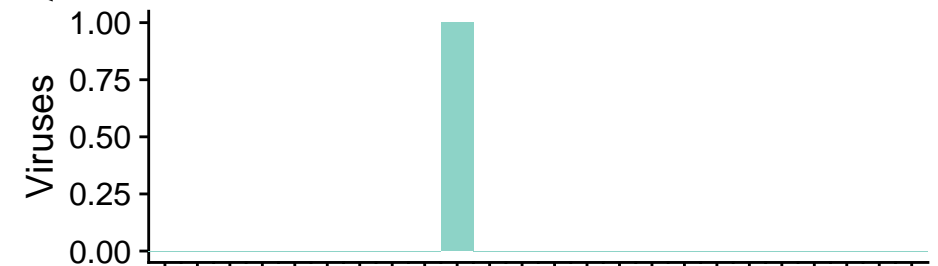
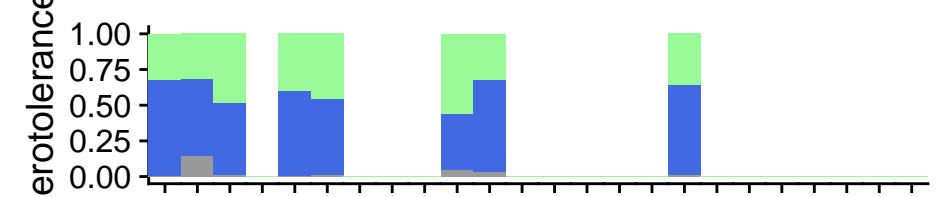
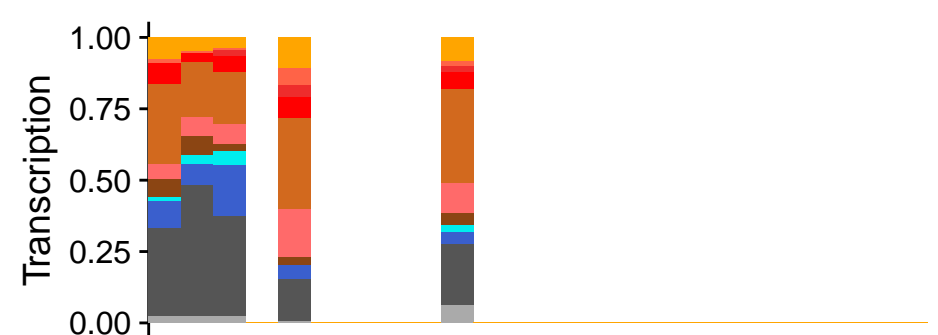
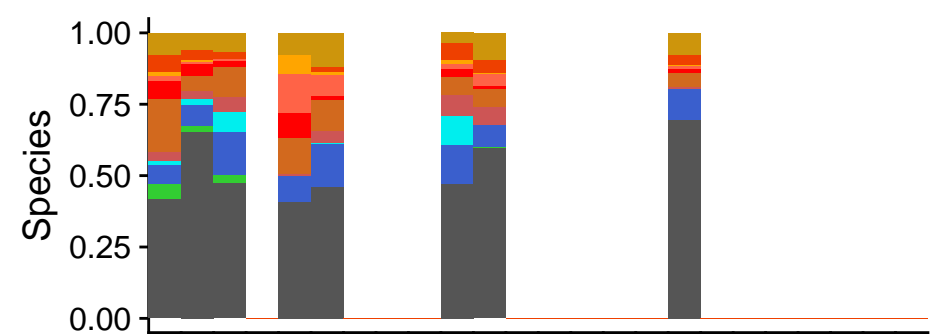
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

ANCA EU
Cbir1 EU
IgG ASCA EU
OmpC. EU

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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

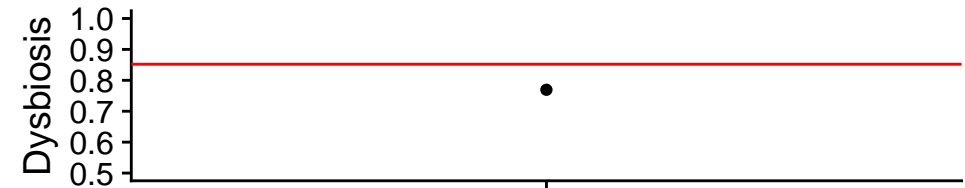
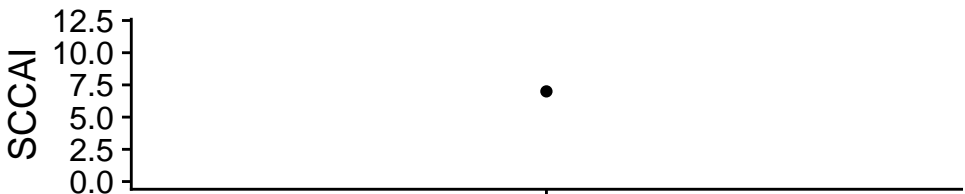
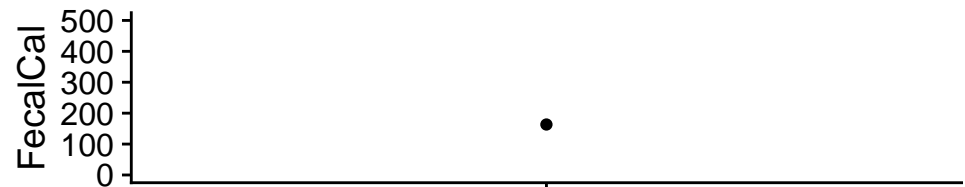
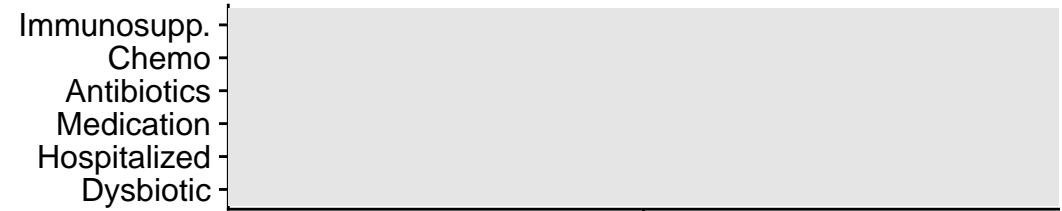
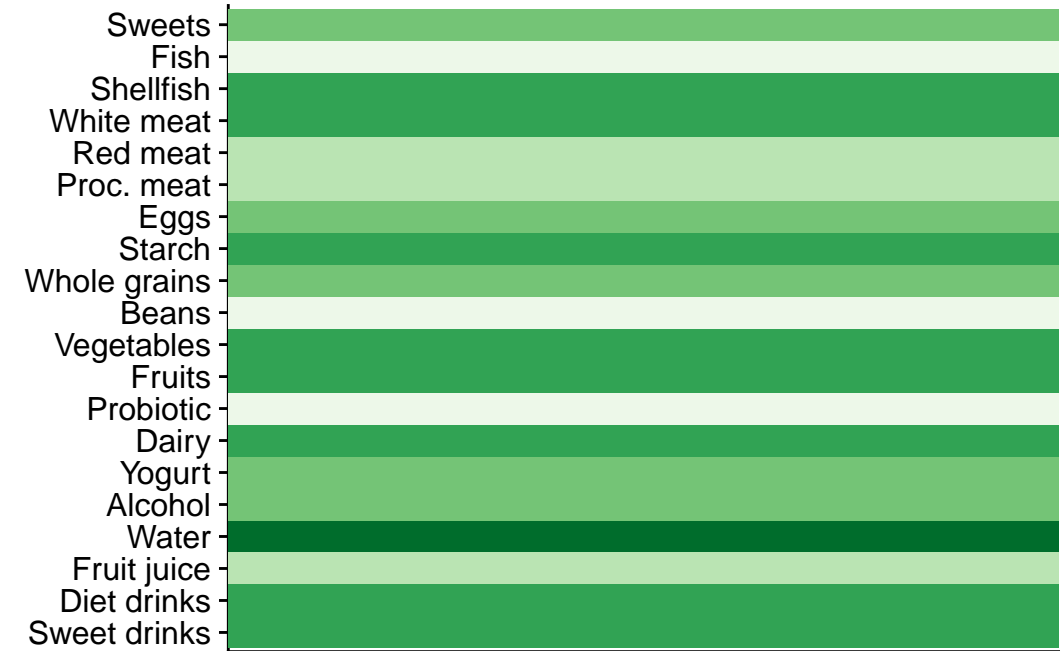
TTV-like mini virus

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

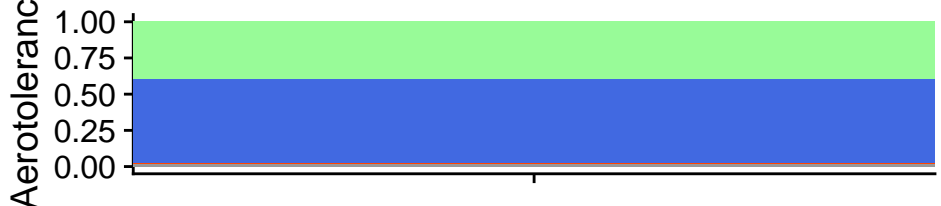
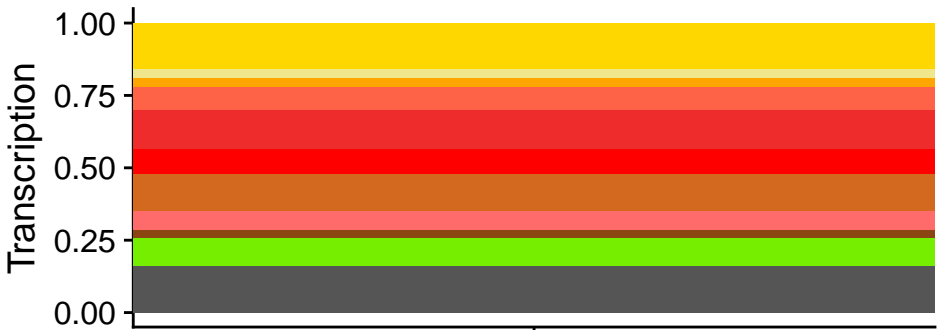
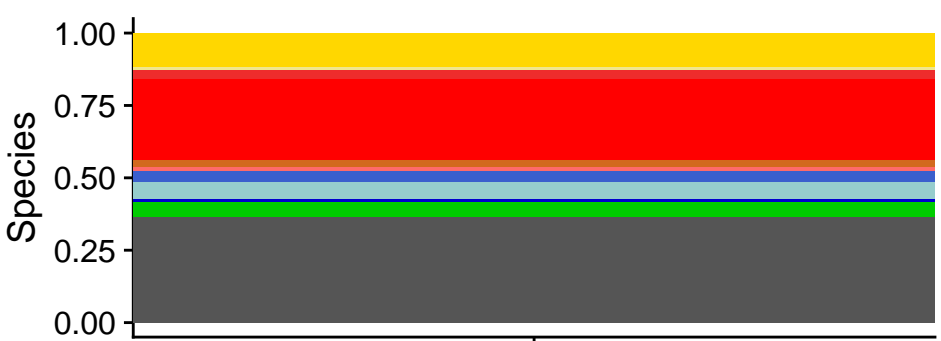
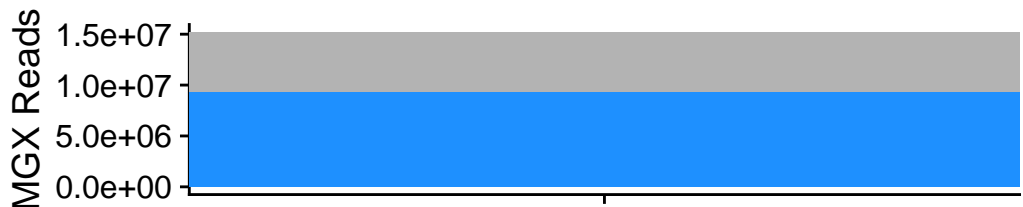
3-hydroxydecanoate
hypoxanthine
L-urobilin
lithocholate
methylimidazole acetic acid
phenylalanine
sphingosine C
tyrosine
urobilin
valine

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

M2024: 38 Female White MGH | UC



Serology

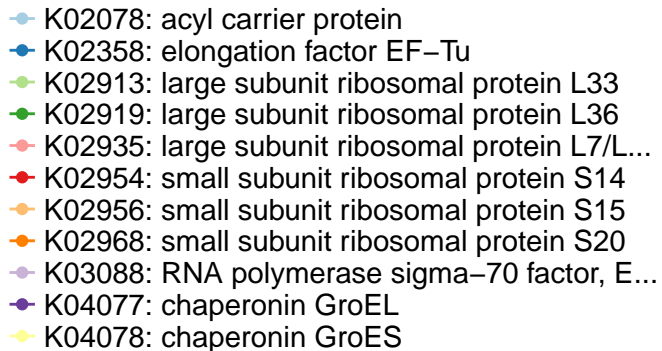


Viruses

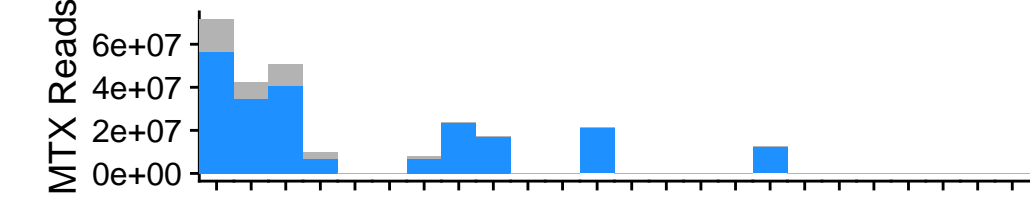
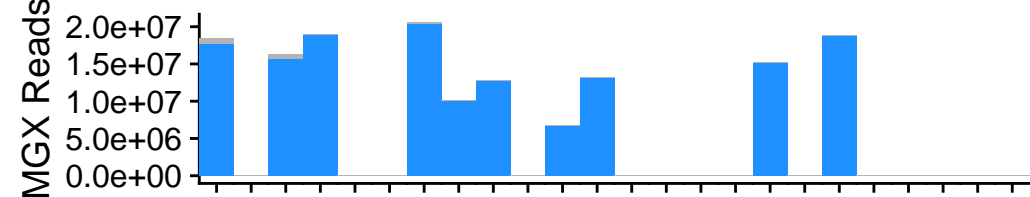
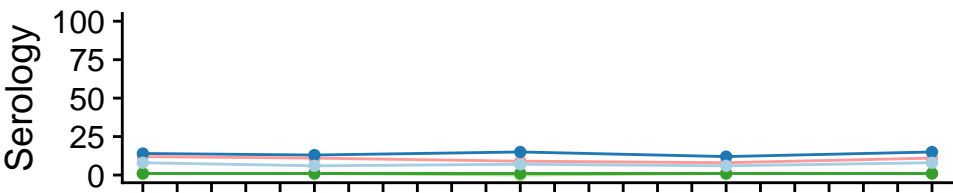
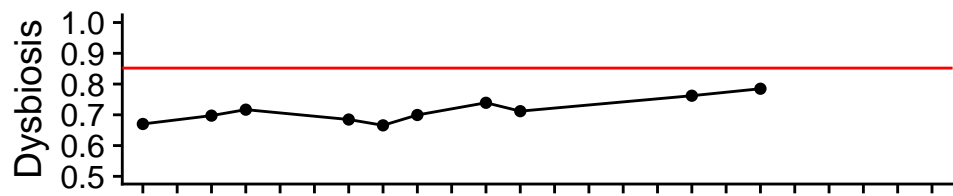
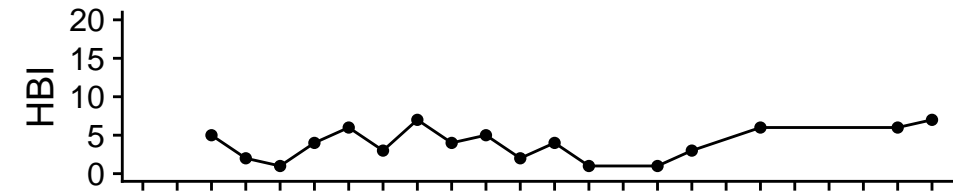
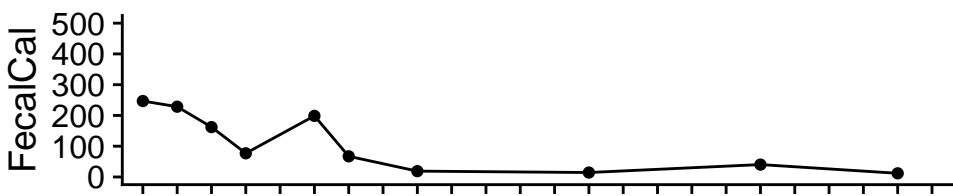
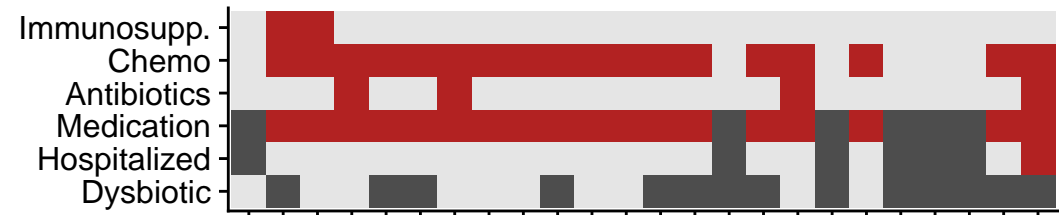
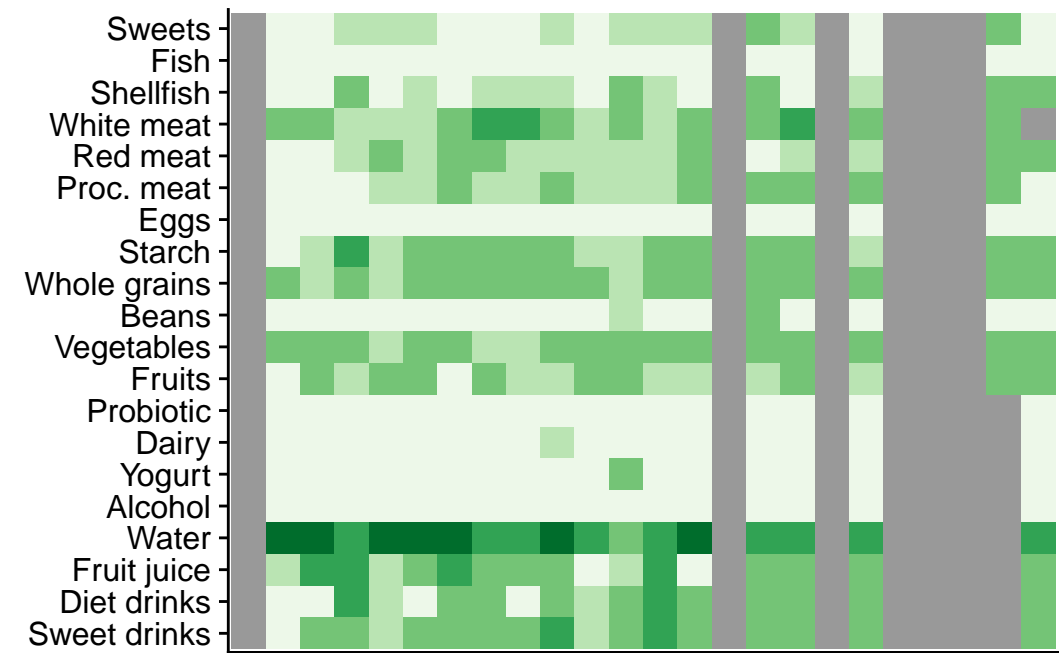
Transcription

Metabolites

Proteins



M2025: 43 Female White MGH | CD L2



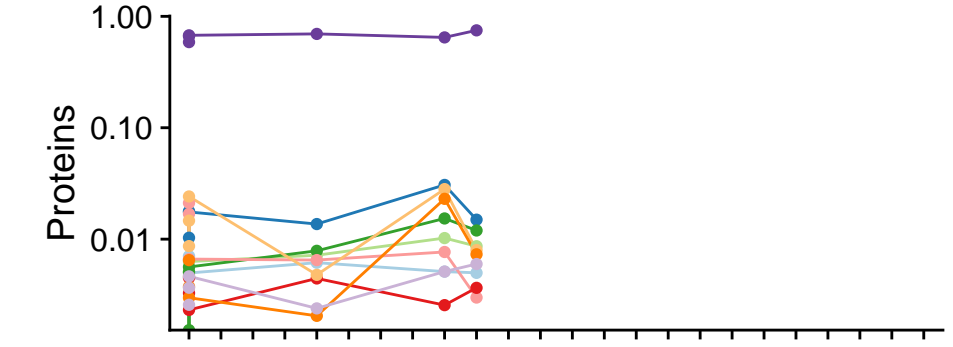
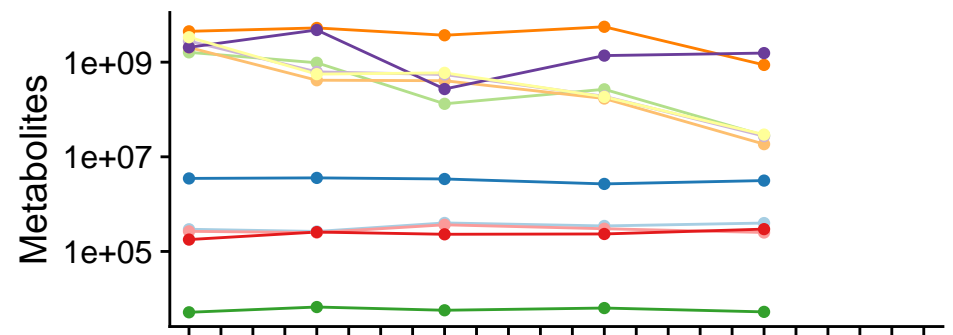
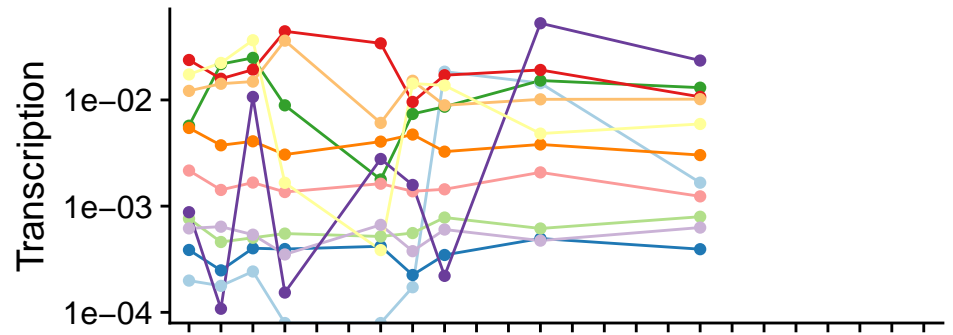
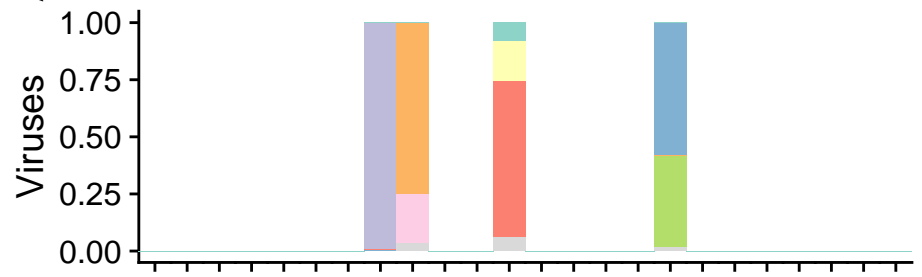
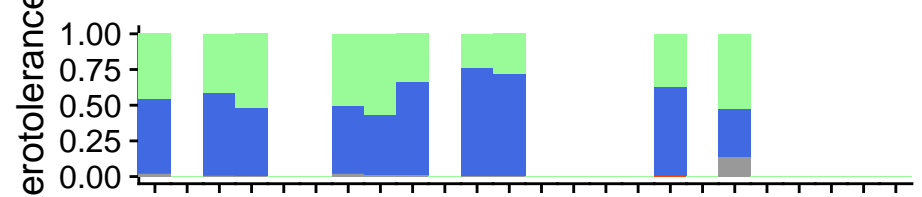
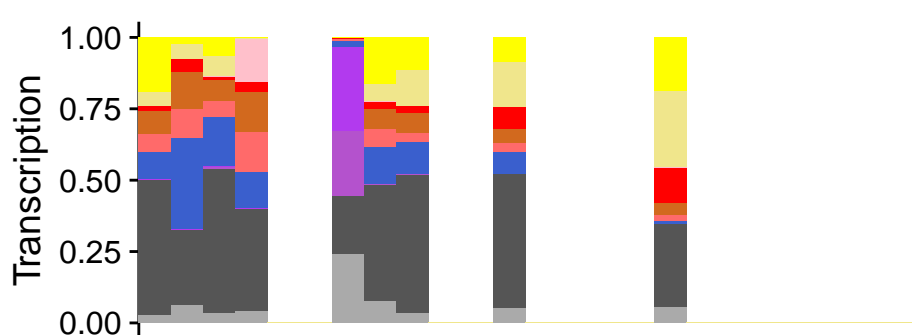
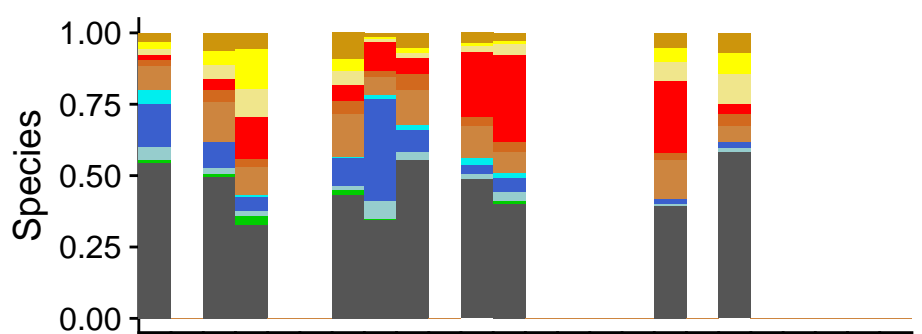
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Alistipes putredinis
Alistipes shahii
Alistipes finegoldii
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Akkermansia muciniphila
other

Alistipes shahii
Alistipes finegoldii
Bacteroides fragilis
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
Ruminococcus torques
Ruminococcus bromii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

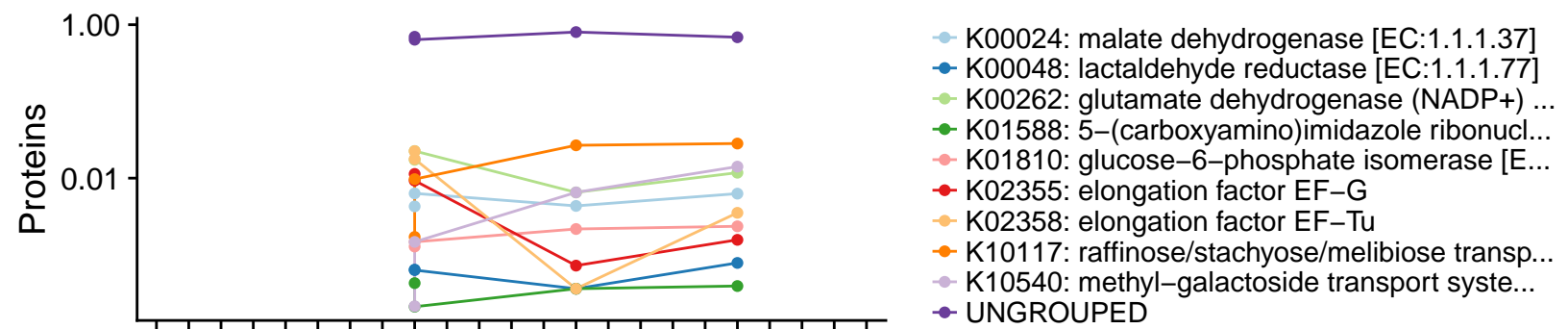
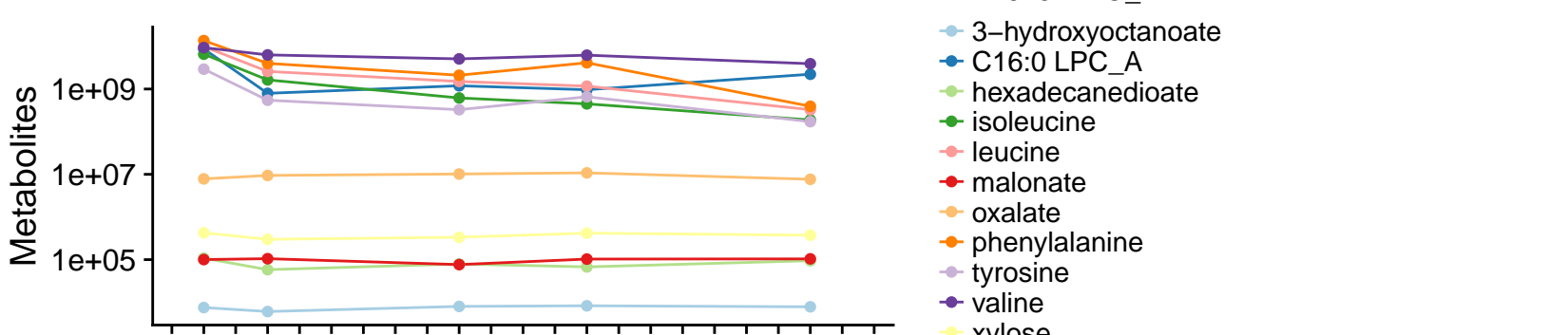
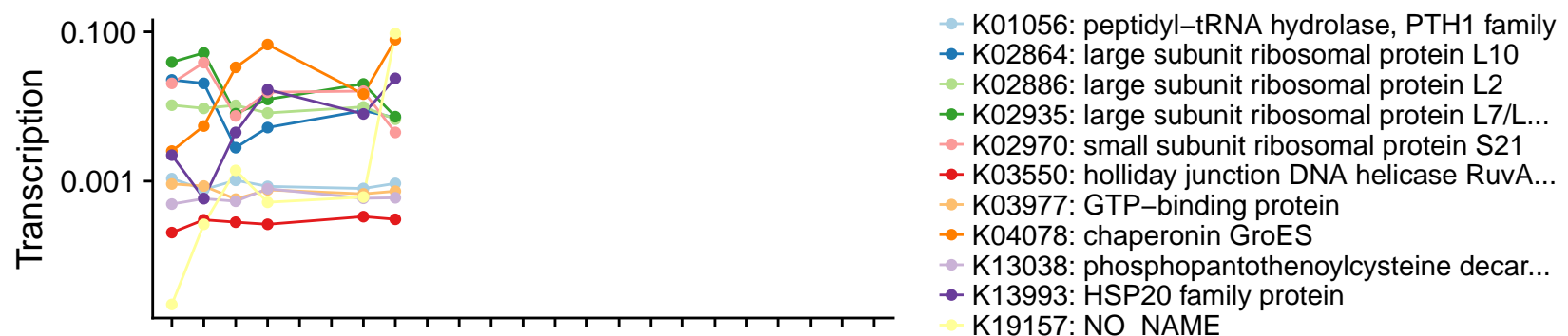
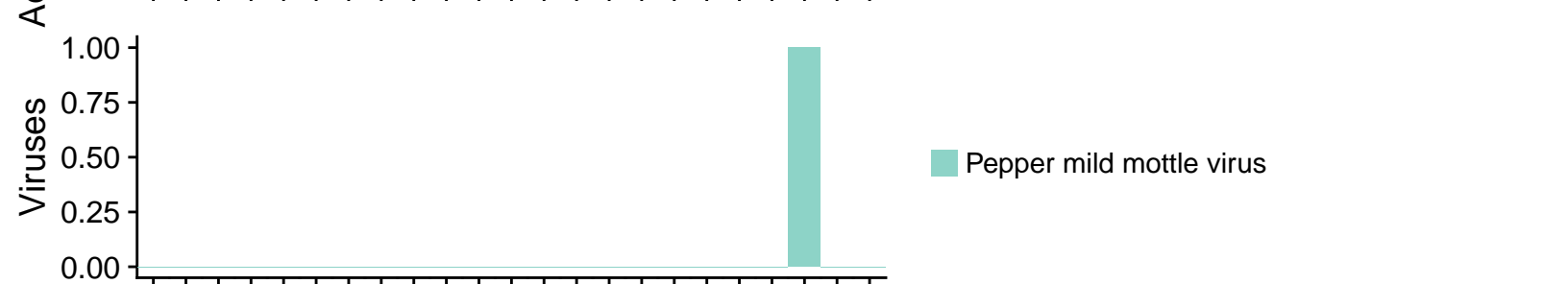
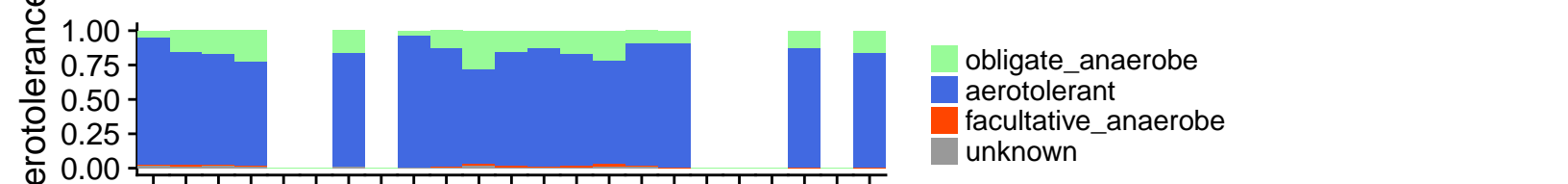
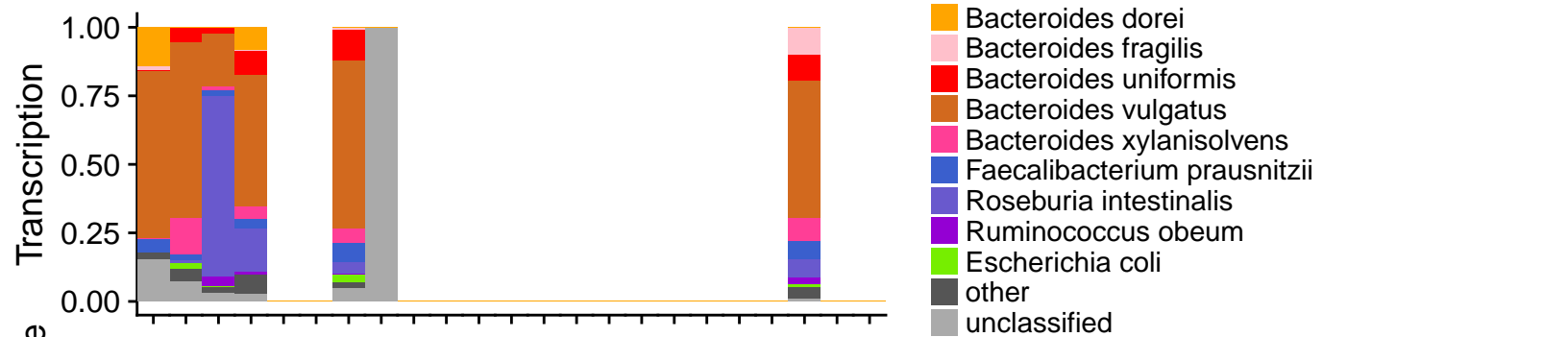
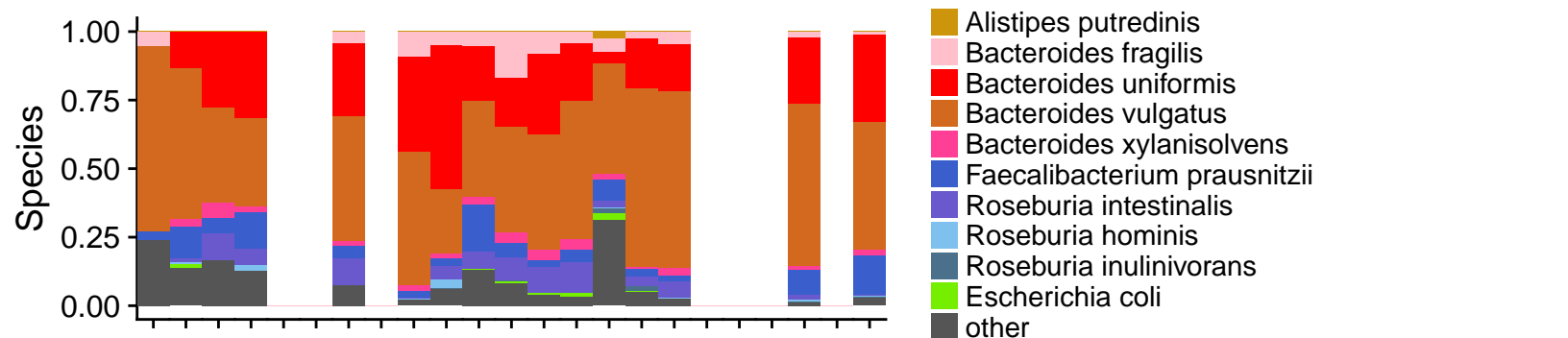
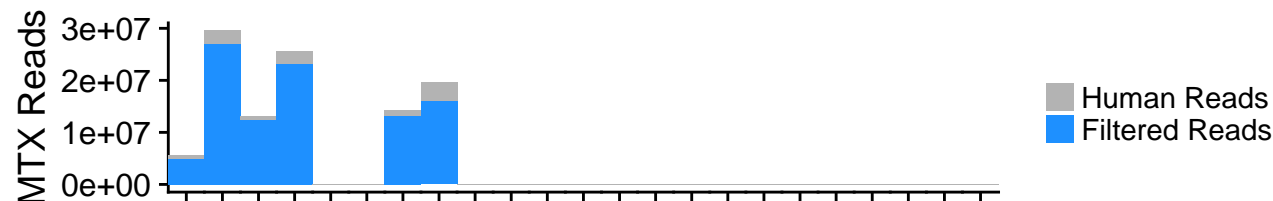
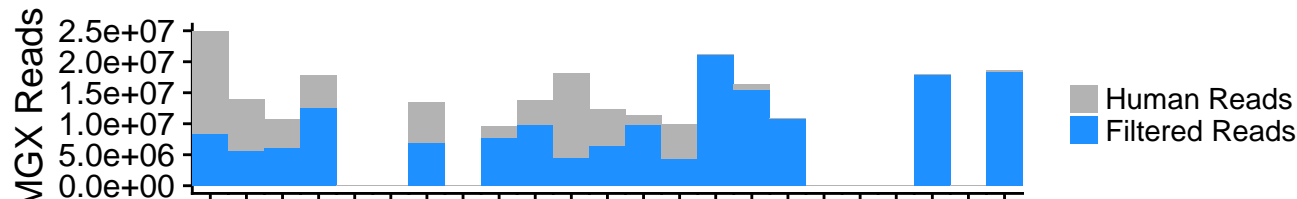
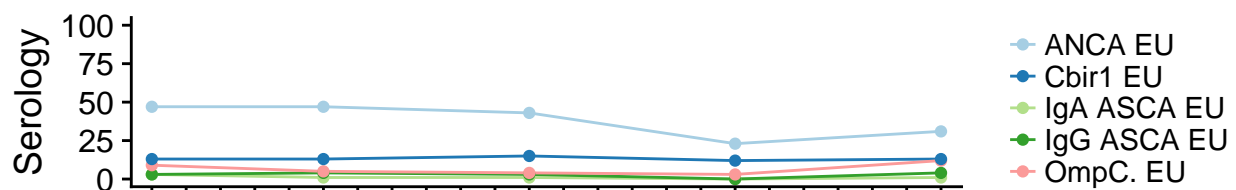
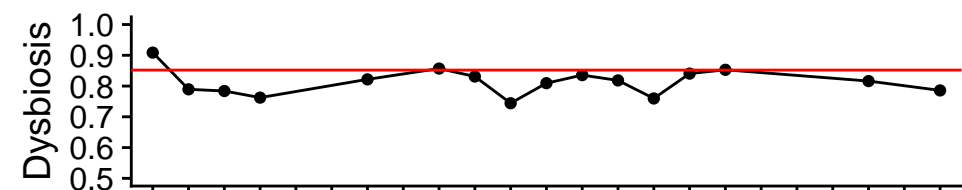
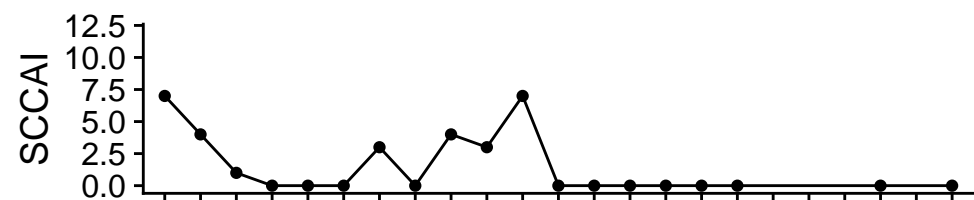
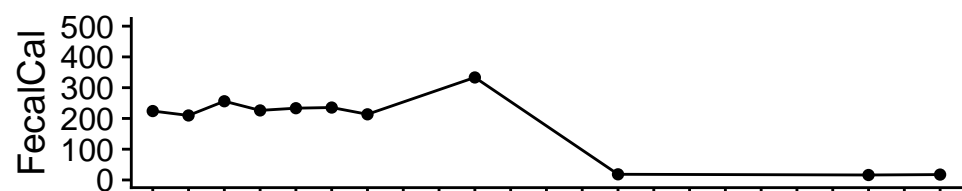
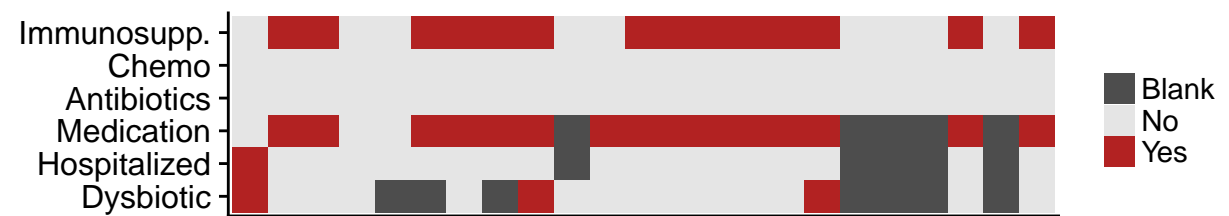
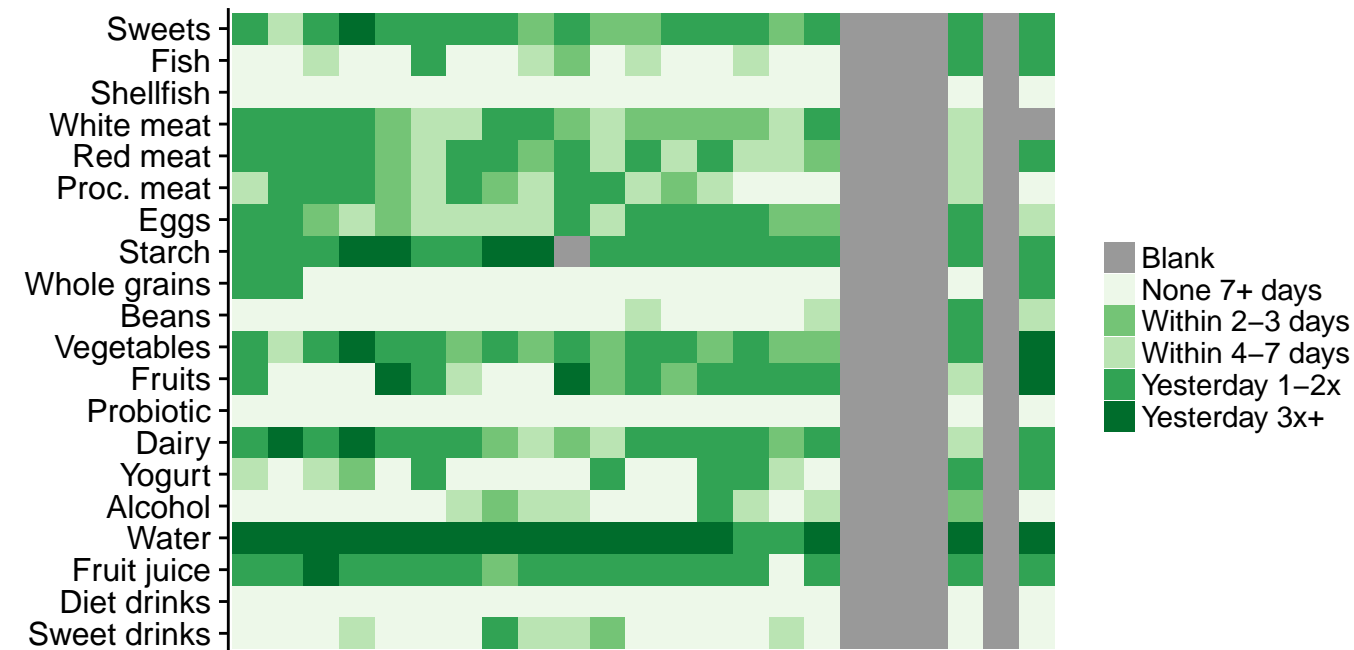
Actinomyces virus Av1
Lactobacillus phage Ldl1
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Blueberry shoestring virus
other

K00561: rRNA (adenine-N6-)-methyltransfe...
K00764: amidophosphoribosyltransferase [E...
K01892: histidyl-tRNA synthetase [EC:6.1.1....
K02078: acyl carrier protein
K02355: elongation factor EF-G
K02358: elongation factor EF-Tu
K02935: large subunit ribosomal protein L7/L...
K02994: small subunit ribosomal protein S8
K03100: signal peptidase I [EC:3.4.21.89]
K04069: pyruvate formate lyase activating en...
K13993: HSP20 family protein

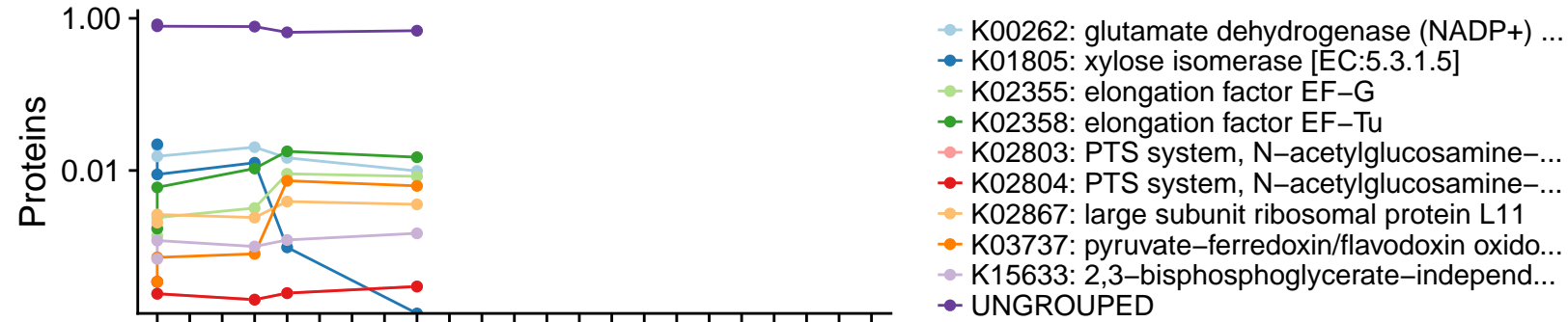
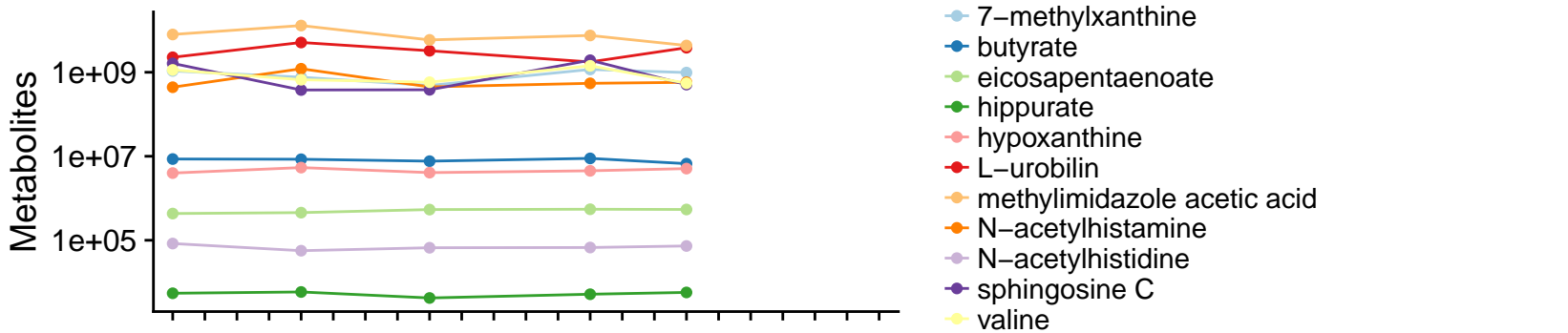
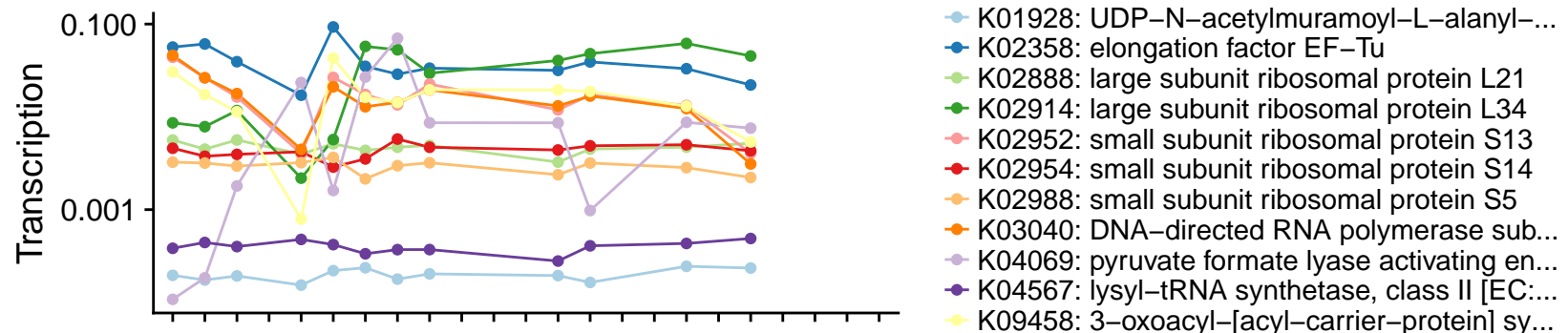
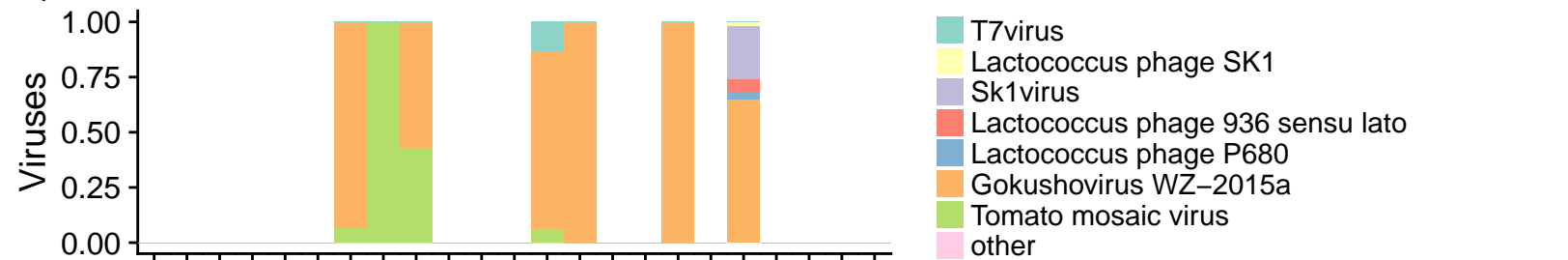
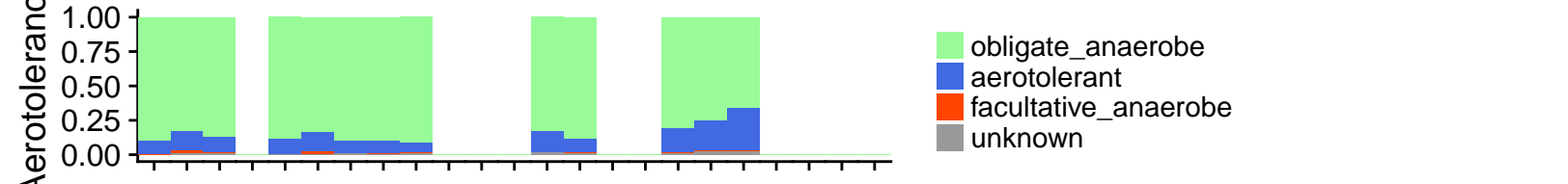
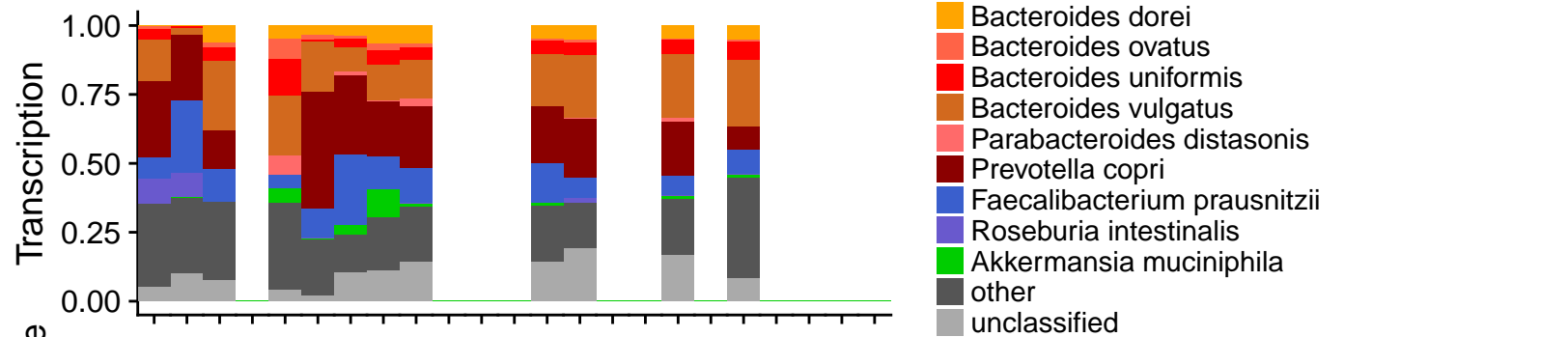
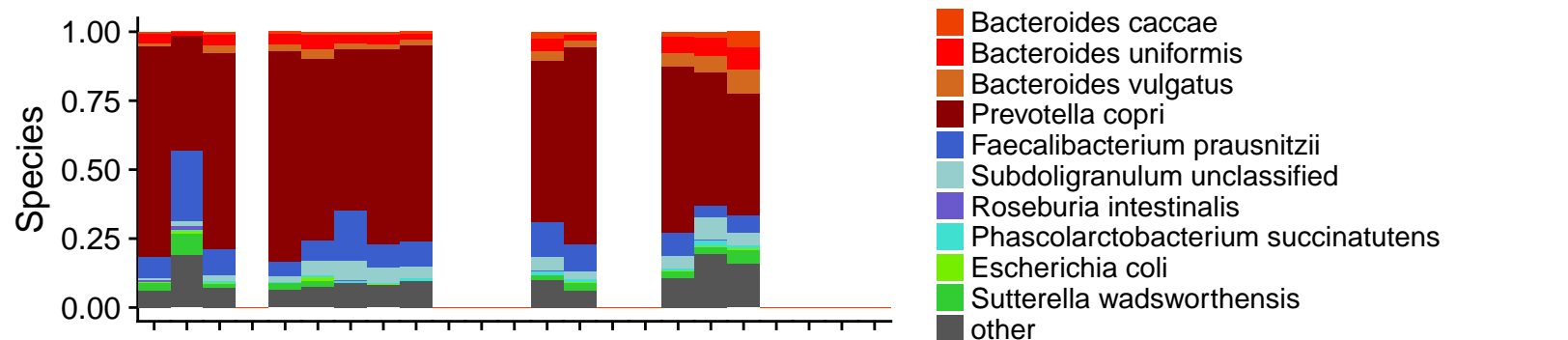
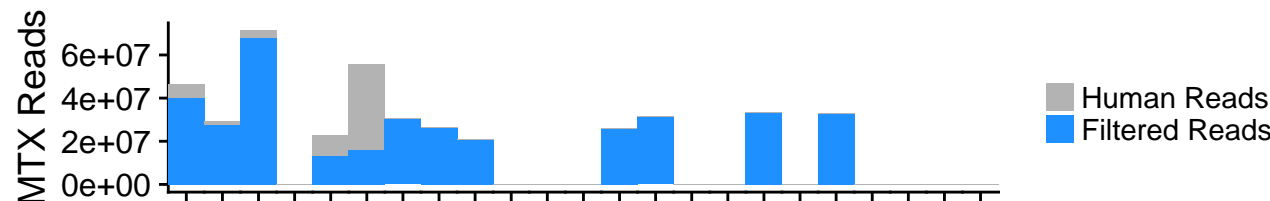
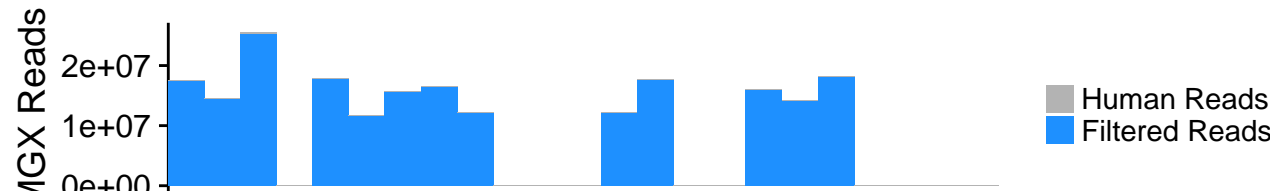
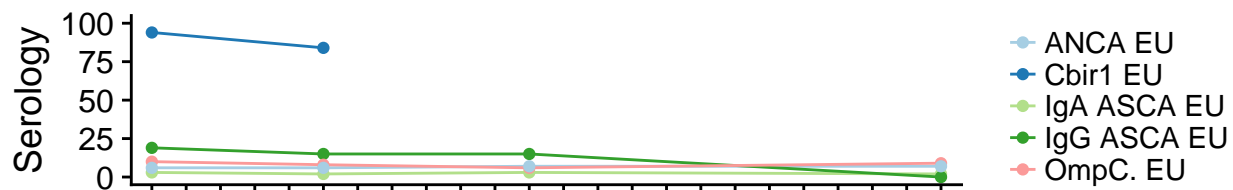
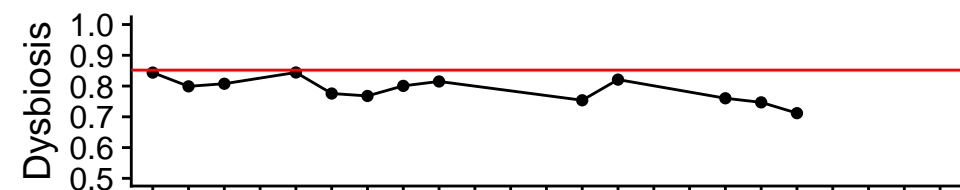
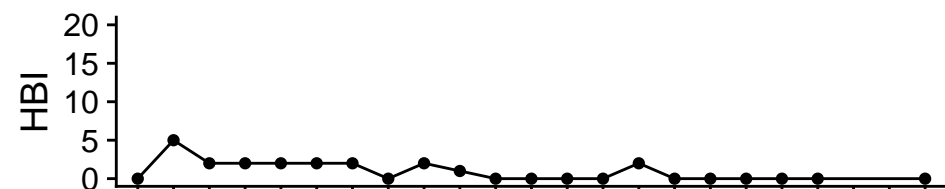
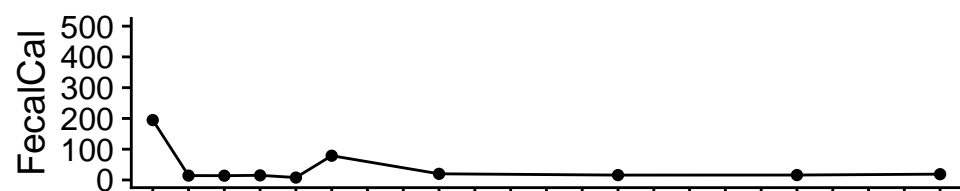
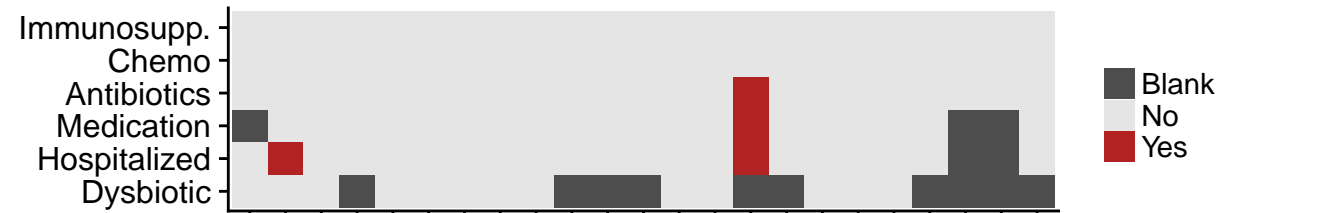
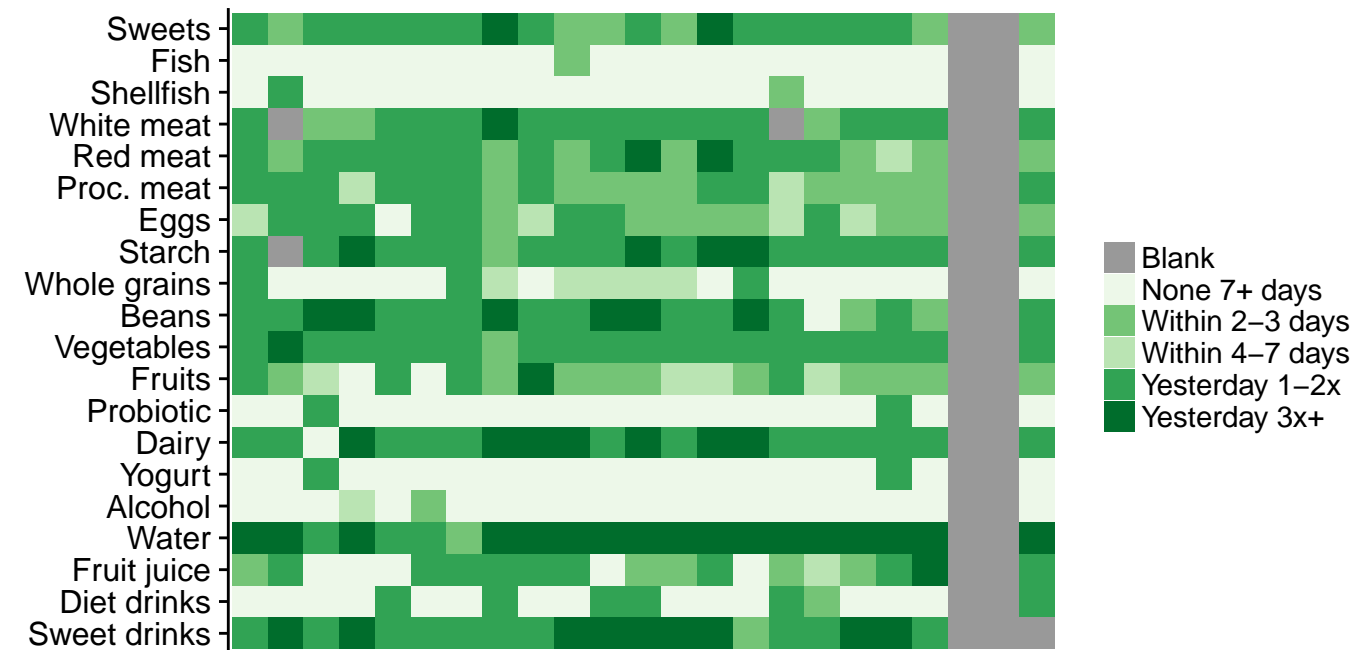
1,2,4-trimethylbenzene
2-amino adipate
2-deoxyadenosine
C56:6 TAG
fucose
hydroxymyristate
isoleucine
L-urobilin
leucine
methylimidazole acetic acid
phenylalanine

K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01805: xylose isomerase [EC:5.3.1.5]
K02358: elongation factor EF-Tu
K02867: large subunit ribosomal protein L11
K10117: raffinose/stachyose/melibiose transp...
K10192: oligogalacturonide transport syste...
K10540: methyl-galactoside transport syste...
UNGROUPED

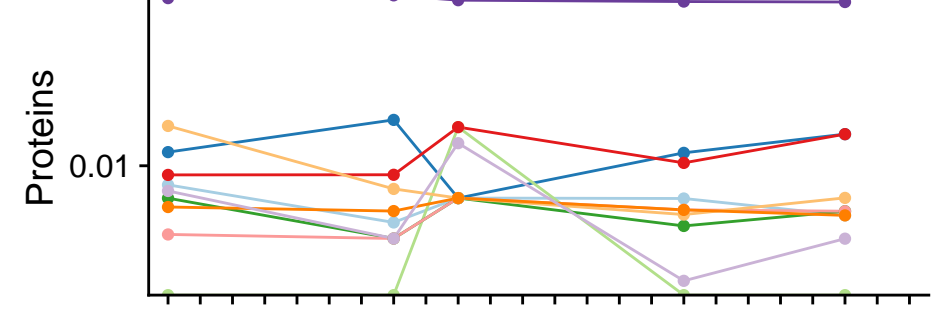
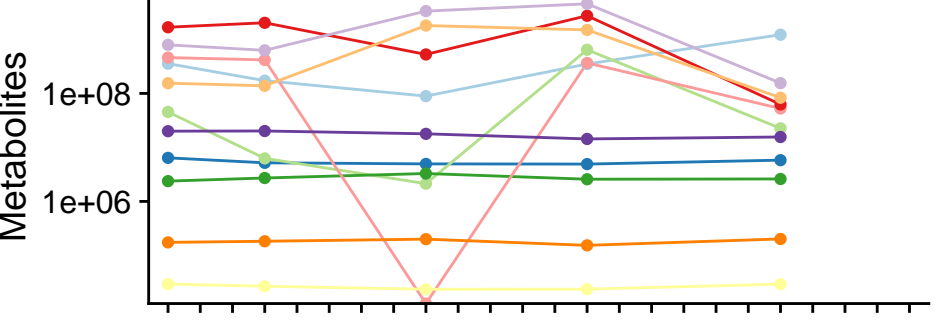
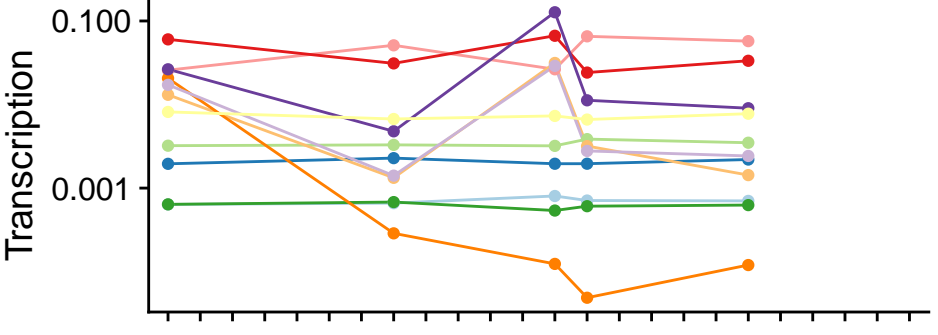
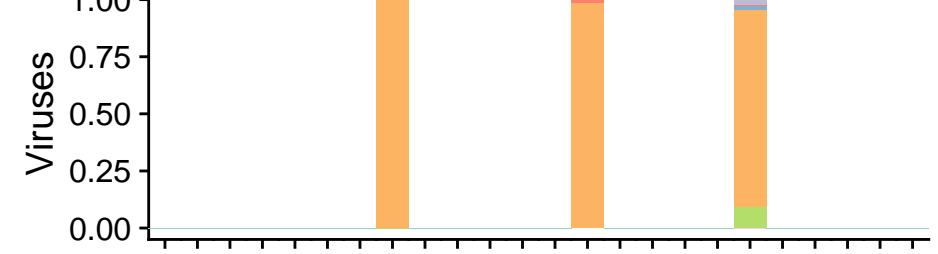
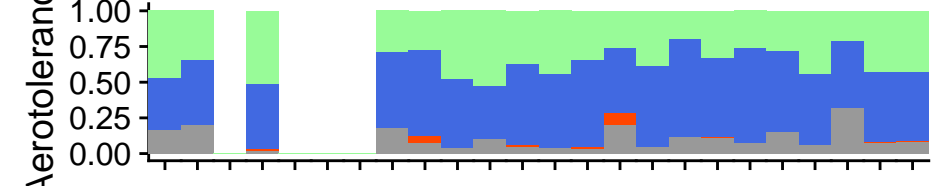
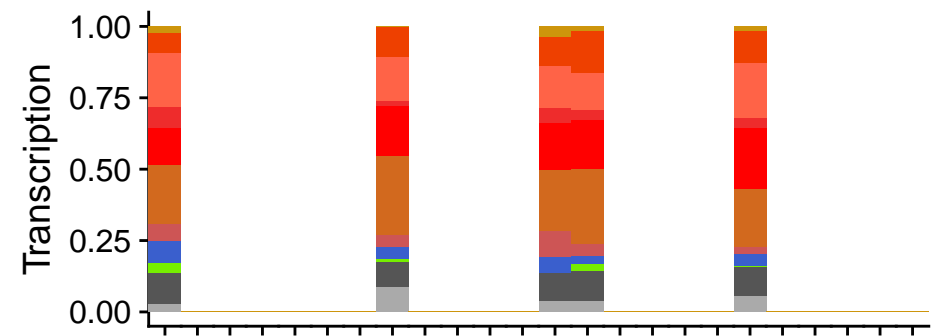
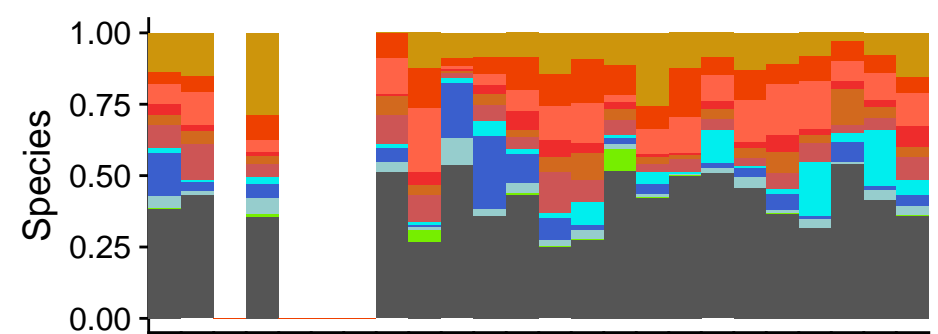
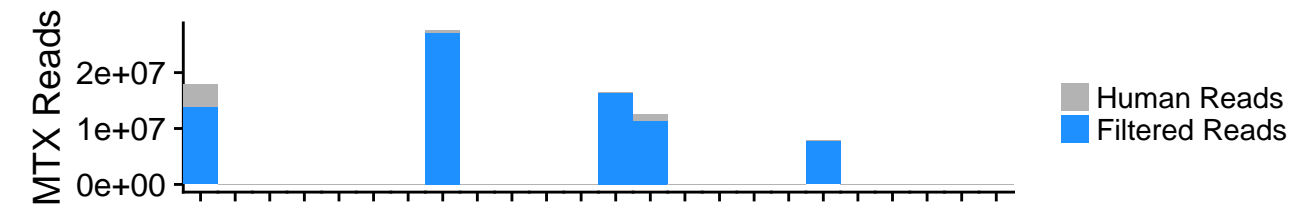
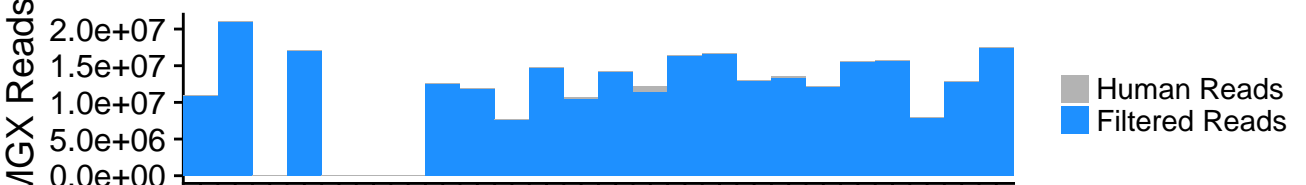
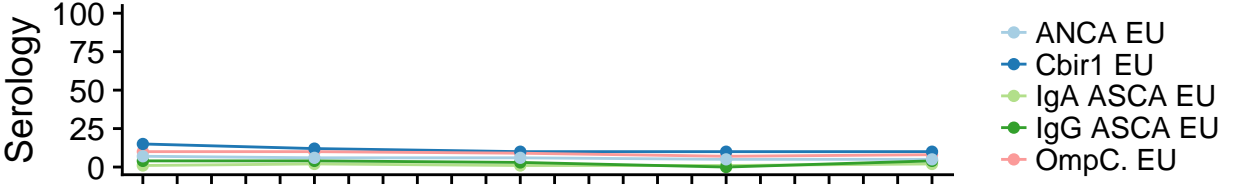
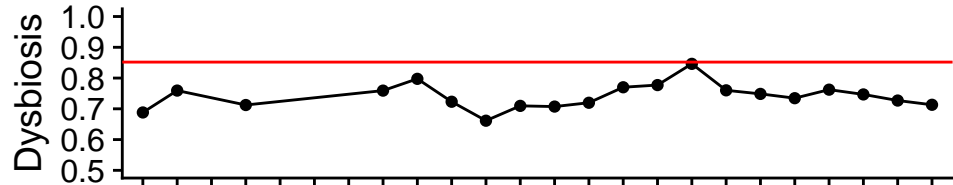
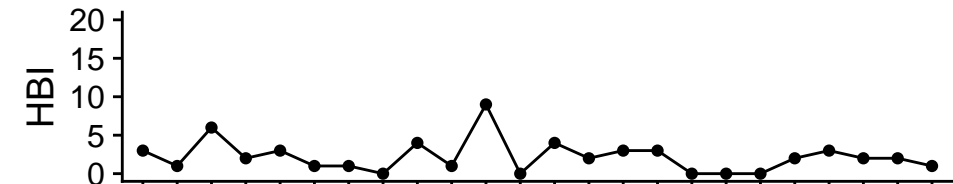
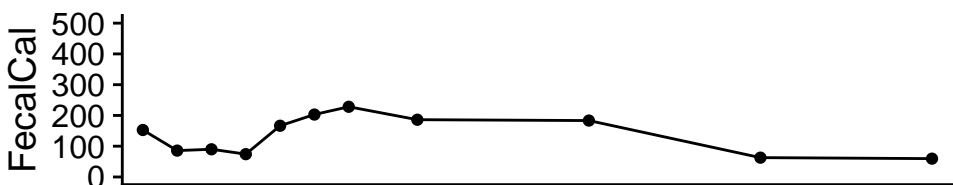
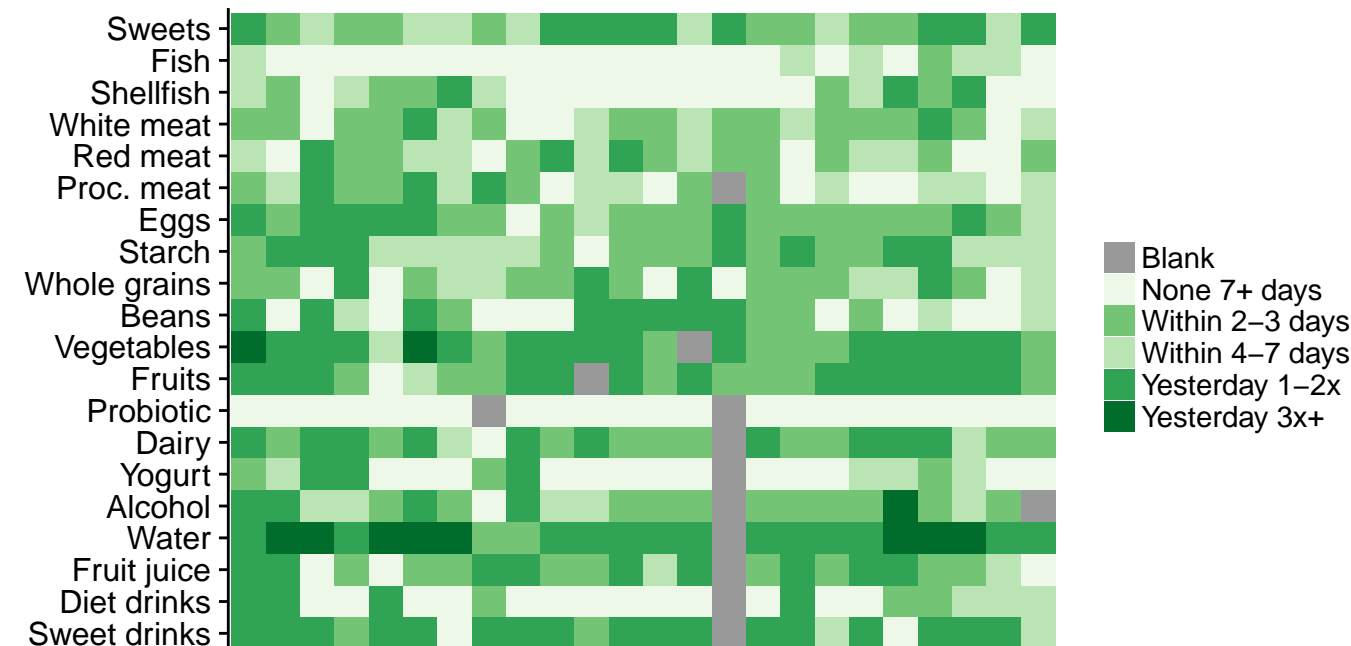
M2026: 21 Female White MGH | UC



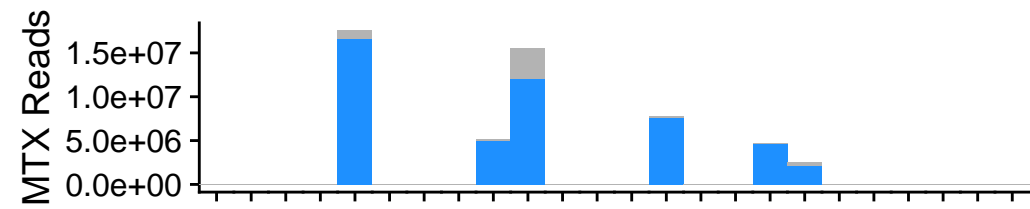
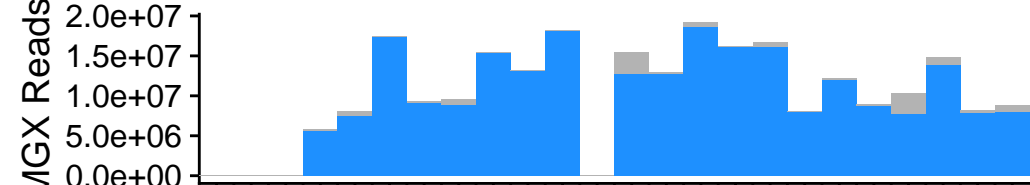
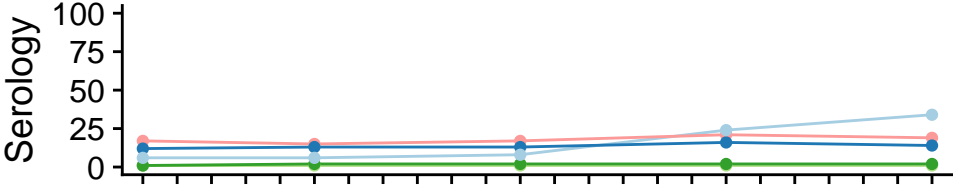
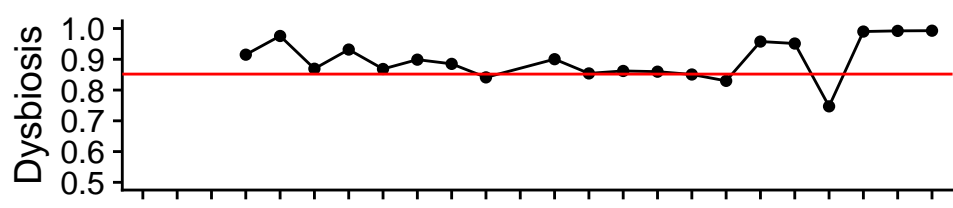
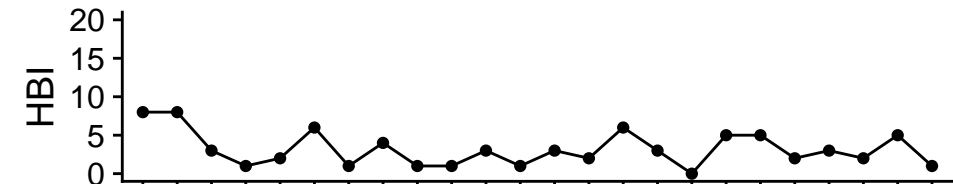
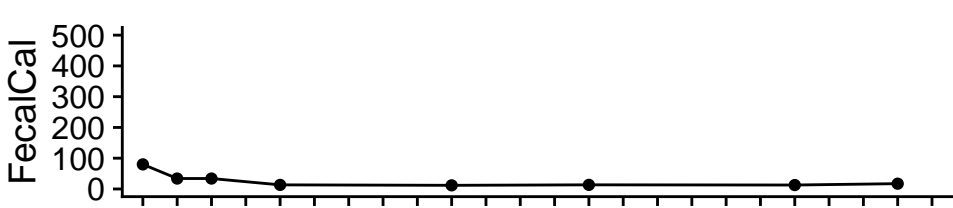
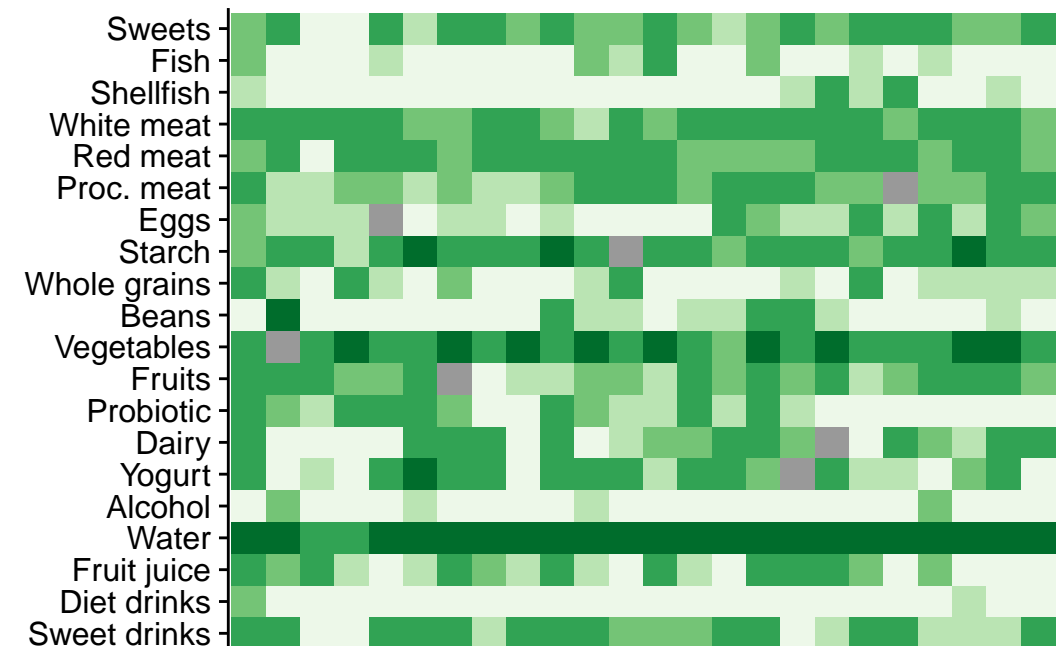
M2027: 41 Male Other MGH | CD L1



M2028: 24 Female White MGH | CD L1



M2034: 22 Female White MGH | CD L3



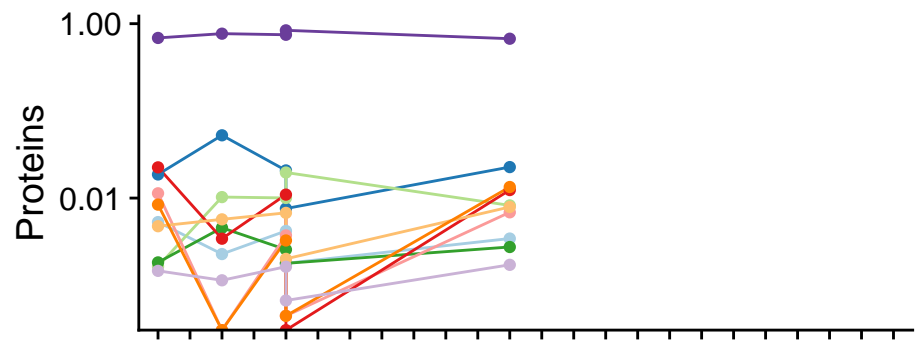
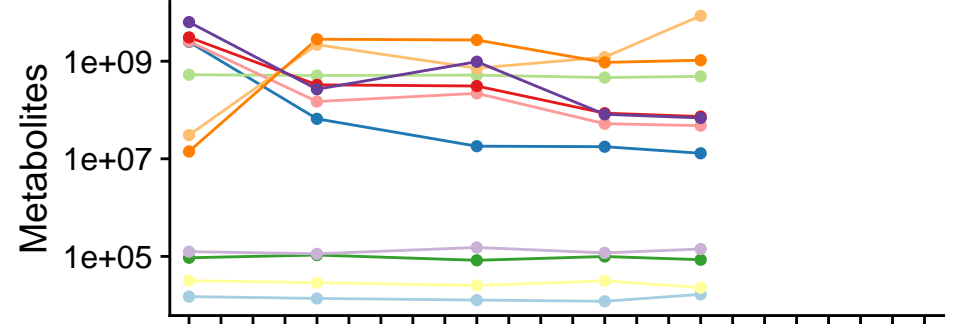
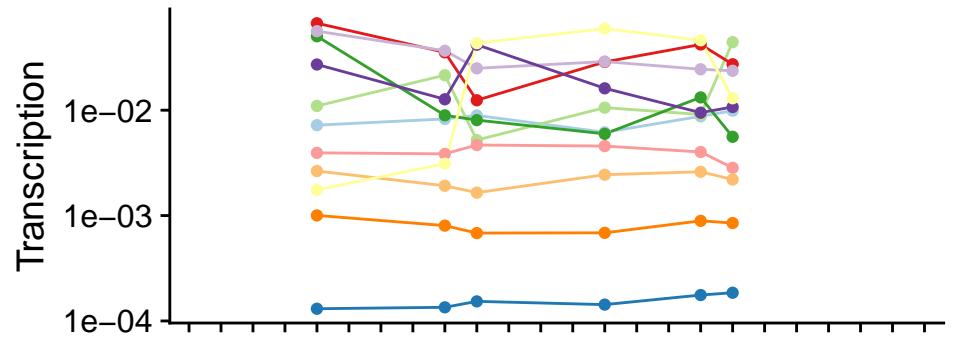
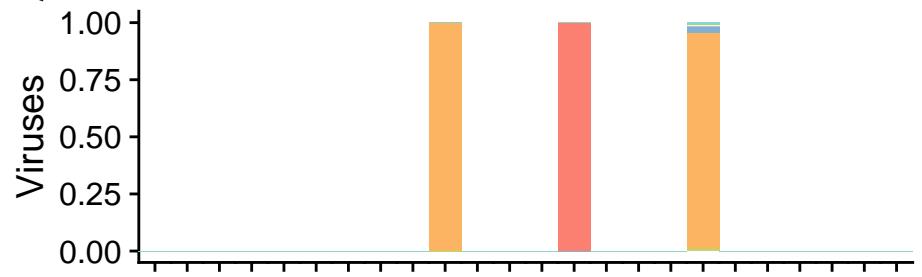
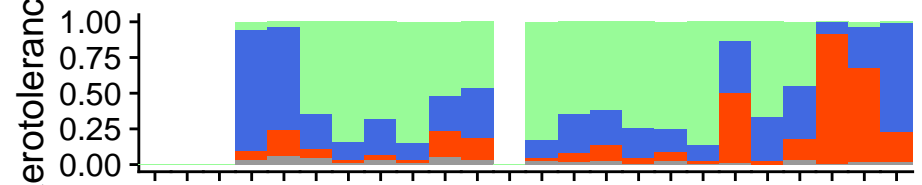
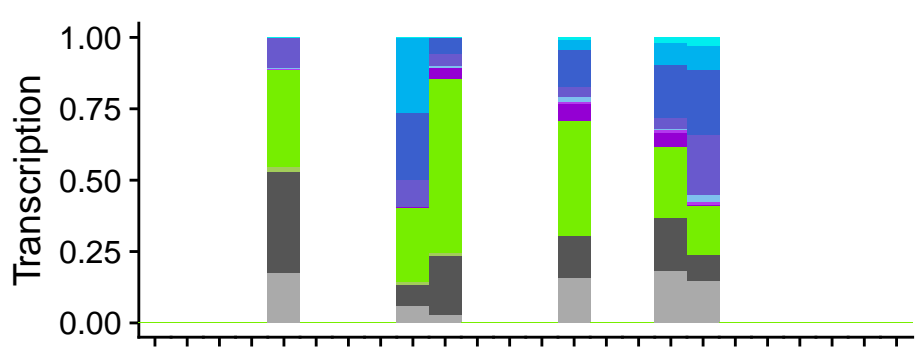
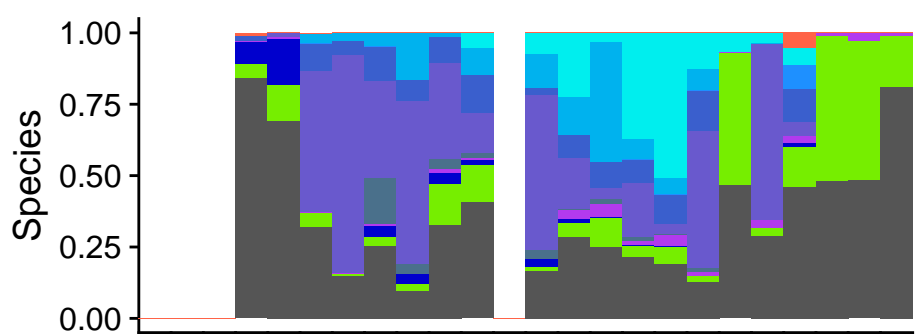
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Bacteroides ovatus
Eubacterium rectale
Eubacterium siraeum
Eubacterium eligens
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia inulinivorans
Ruminococcus torques
Oscillibacter unclassified
Escherichia coli
other

Eubacterium rectale
Eubacterium siraeum
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Ruminococcus torques
Ruminococcus obeum
Escherichia coli
Klebsiella pneumoniae
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

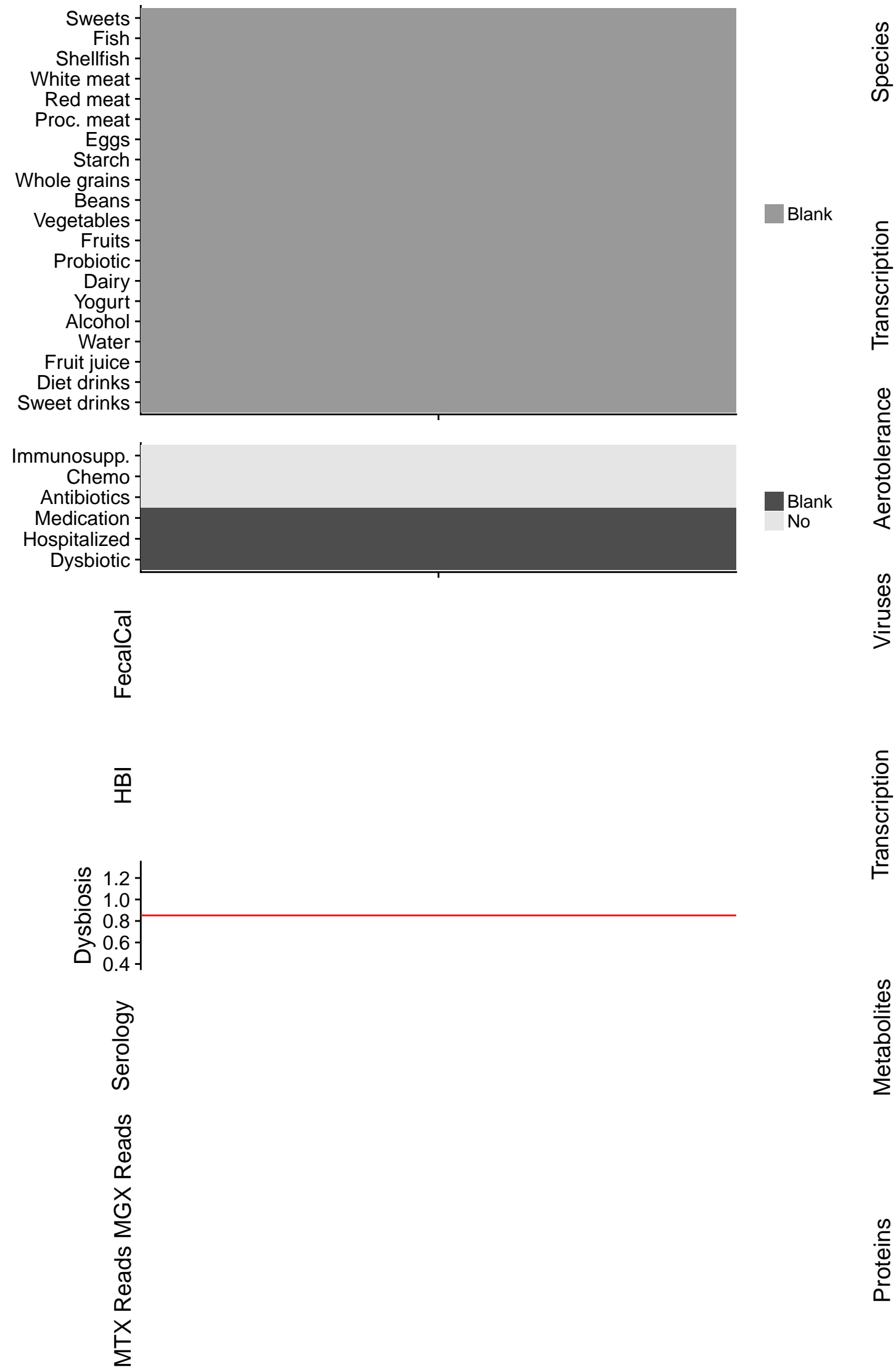
Lactococcus phage SL4
Lactococcus phage 936 sensu lato
Chicken anemia virus
Gokushovirus WZ-2015a
Paprika mild mottle virus
Pepper mild mottle virus
Tobacco mild green mosaic virus

K00134: glyceraldehyde 3-phosphate dehydr...
K00831: phosphoserine aminotransferase [E...
K02406: flagellin
K02902: large subunit ribosomal protein L28
K02952: small subunit ribosomal protein S13
K02970: small subunit ribosomal protein S21
K02982: small subunit ribosomal protein S3
K03674: glutaredoxin 1
K03704: cold shock protein (beta-ribbon, Cs...
K06078: murein lipoprotein lipoprotein
K19157: NO_NAME

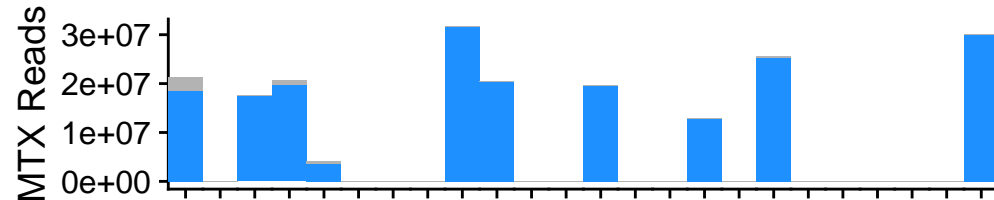
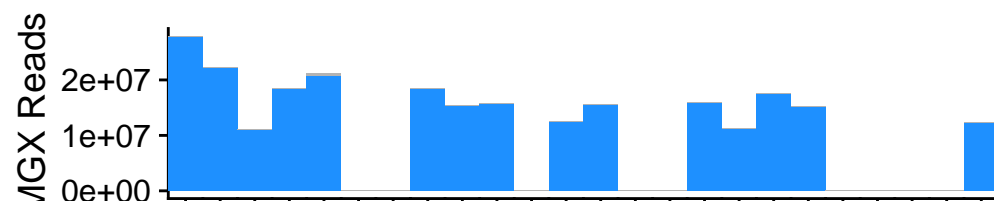
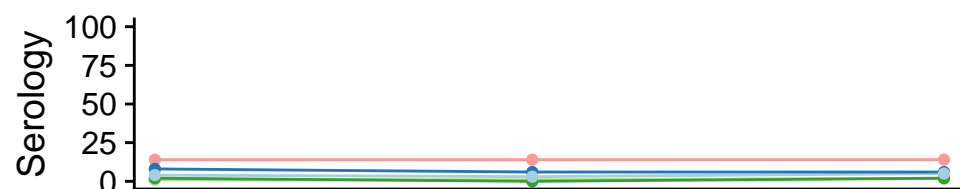
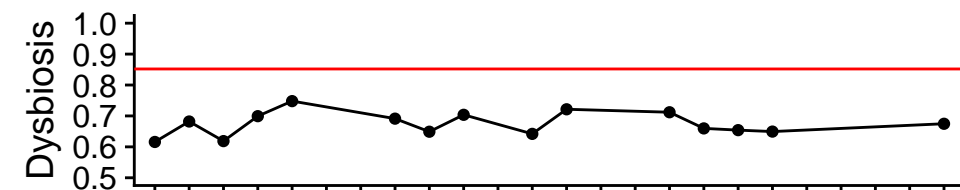
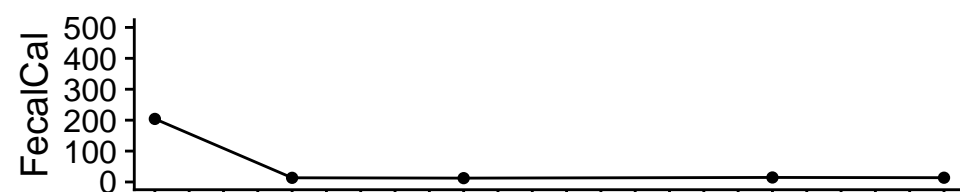
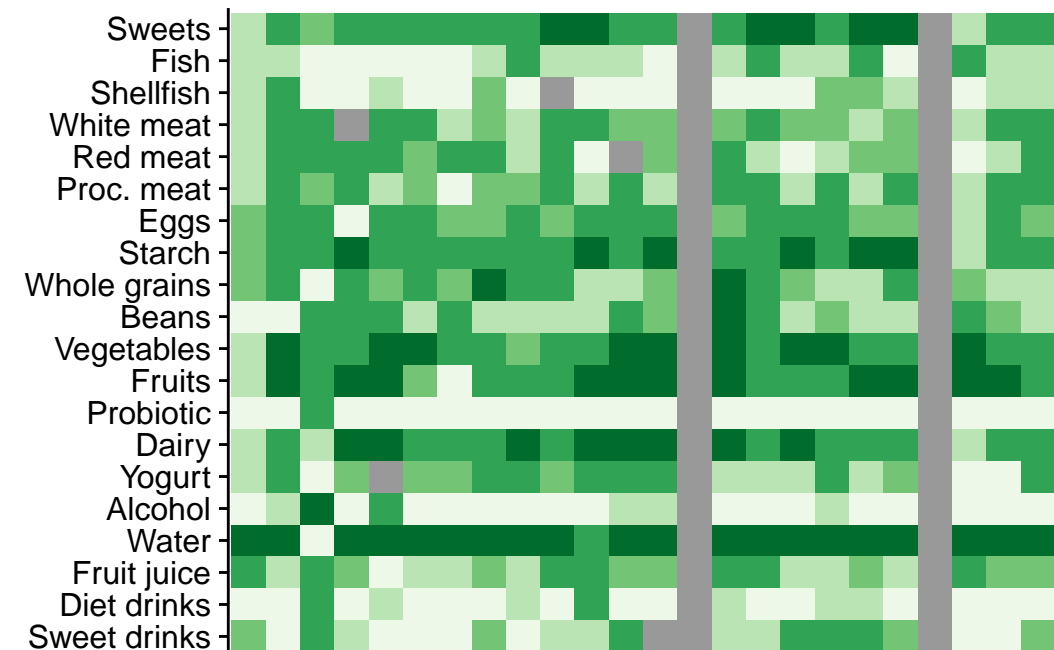
acetyl-galactosamine
agmatine
C16:0 LPC_A
fumarate/maleate
isoleucine
leucine
methylimidazole acetic acid
N-acetylhistamine
NH4_C51:0 TAG
phenylalanine
salicylate

K00239: succinate dehydrogenase / fumarate...
K00262: glutamate dehydrogenase (NADP+) ...
K01805: xylose isomerase [EC:5.3.1.5]
K02027: multiple sugar transport system sub...
K02355: elongation factor EF-G
K02358: elongation factor EF-Tu
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K15633: 2,3-bisphosphoglycerate-independ...
UNGROUPED

M2038: 21 Male White MGH | CD L3



M2039: 40 Female White MGH | nonIBD



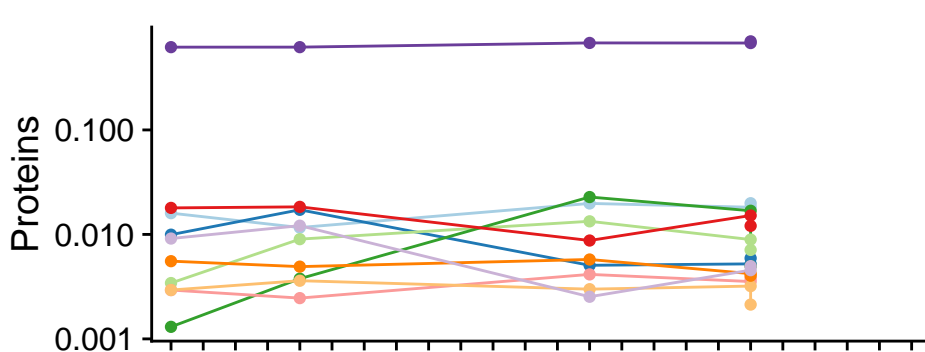
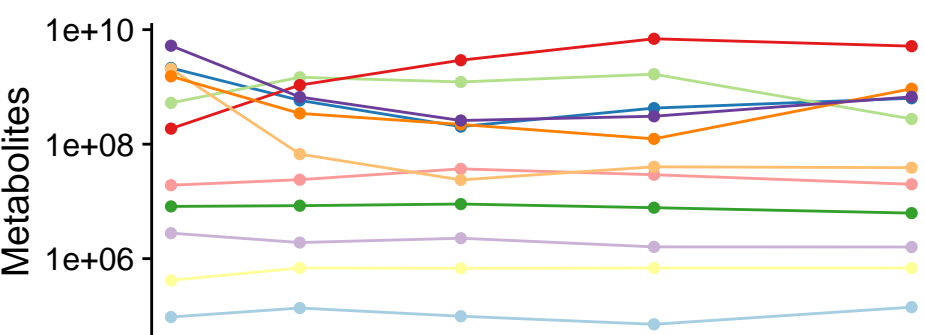
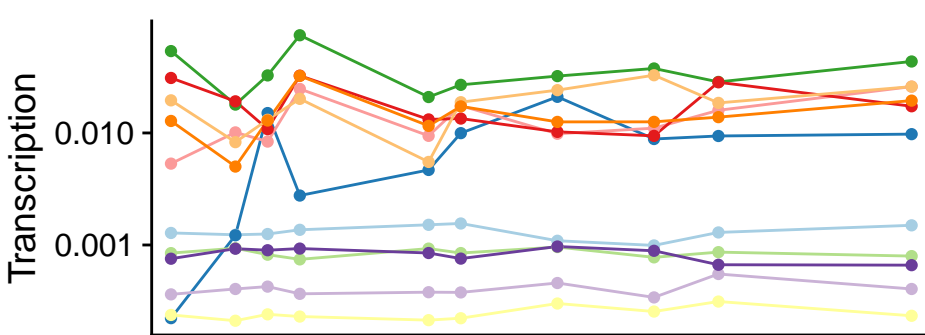
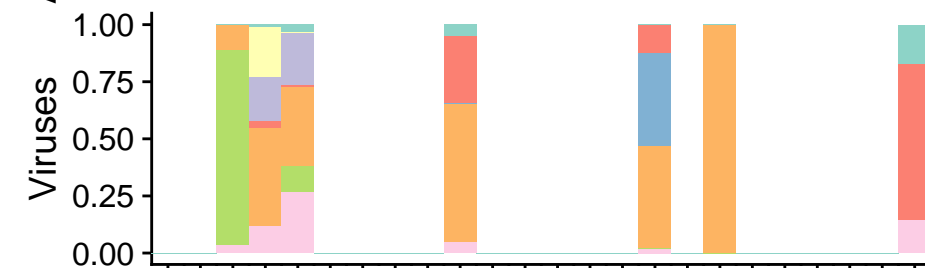
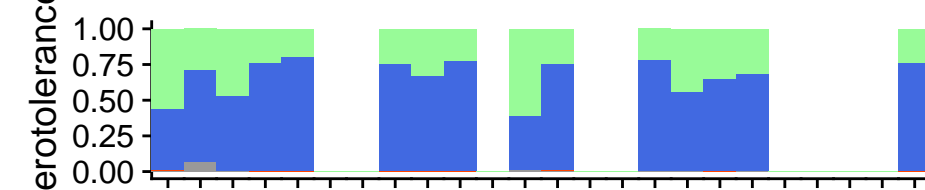
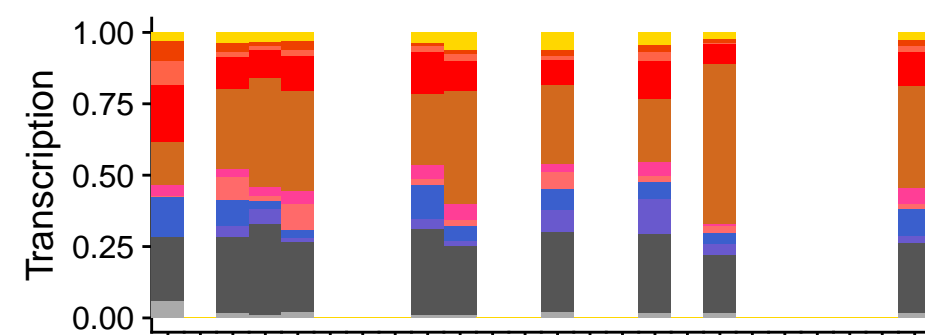
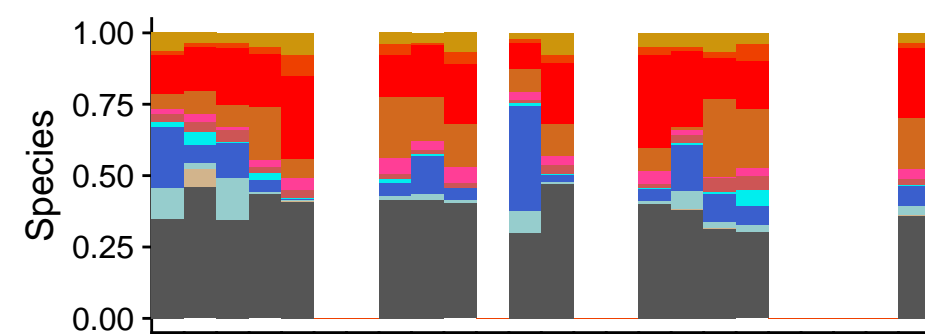
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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

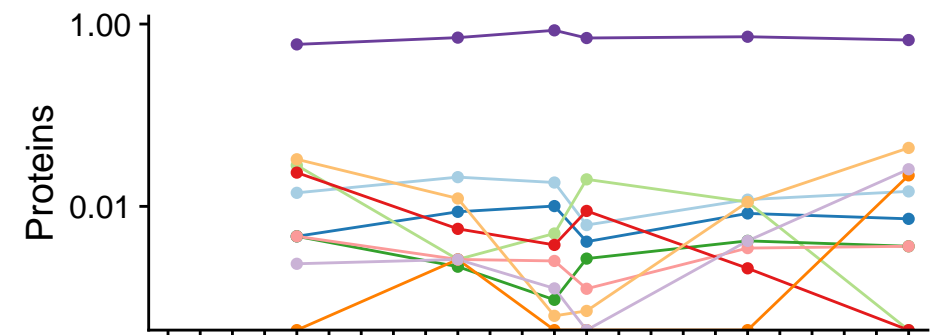
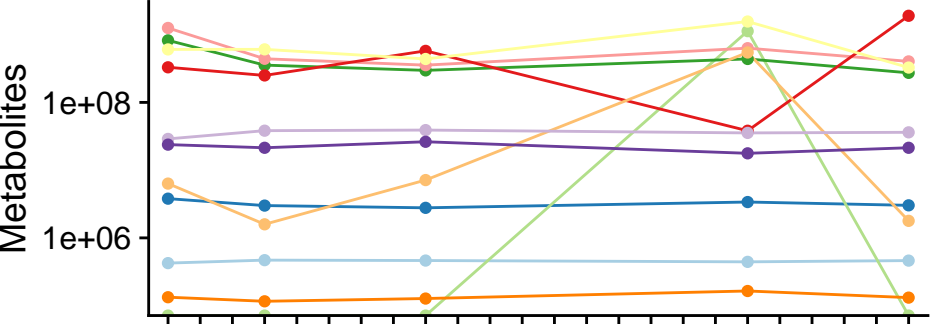
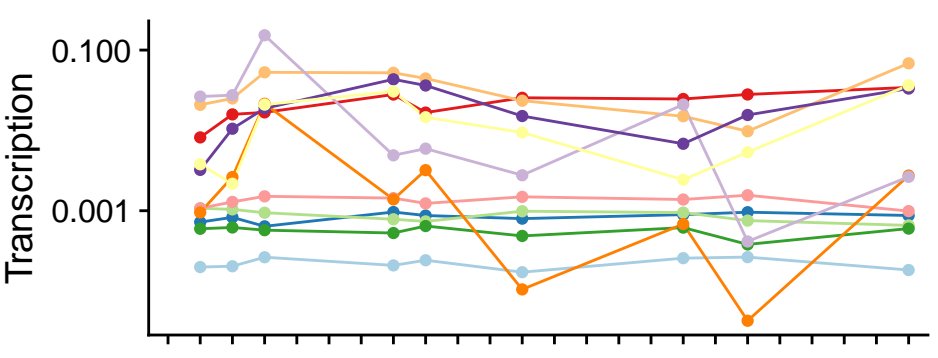
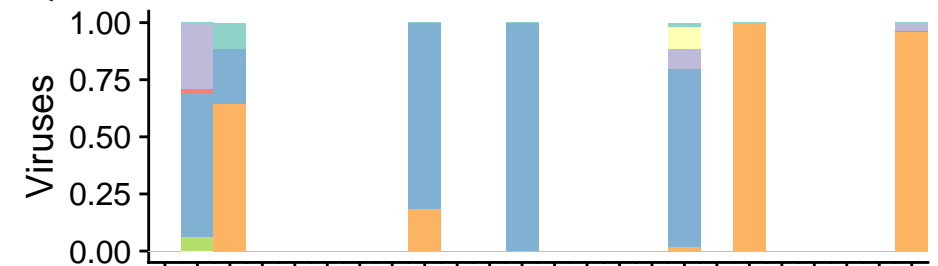
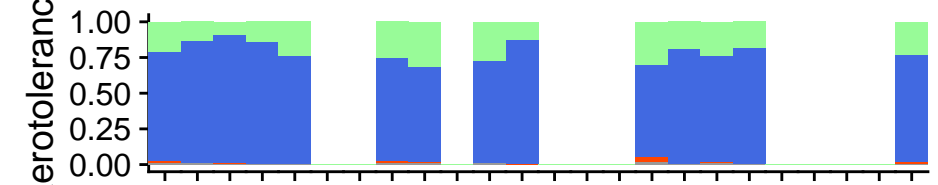
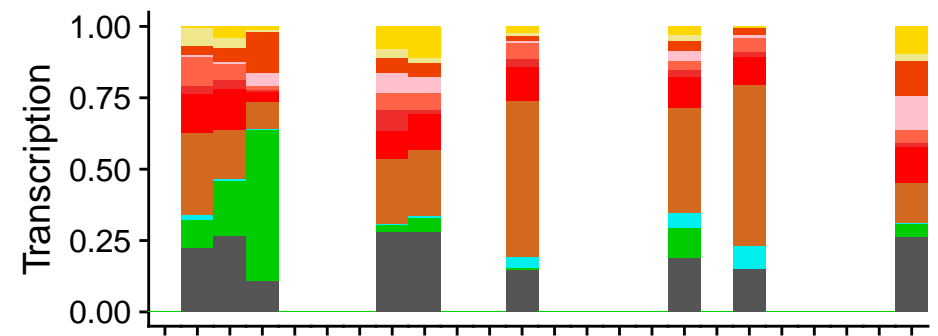
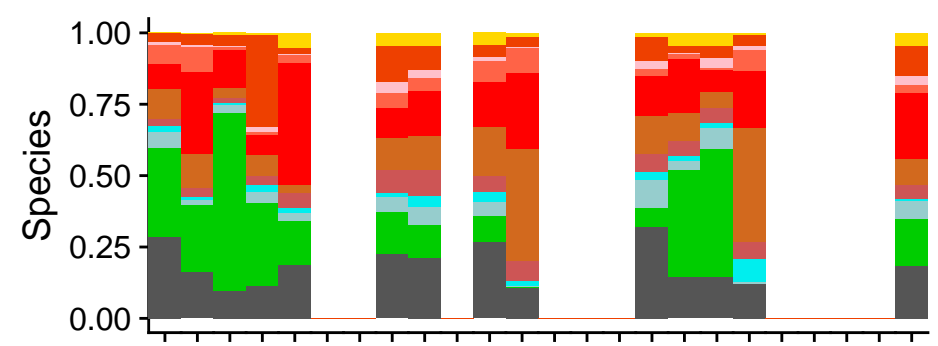
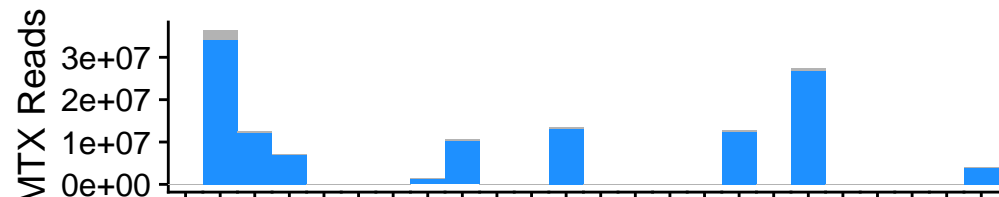
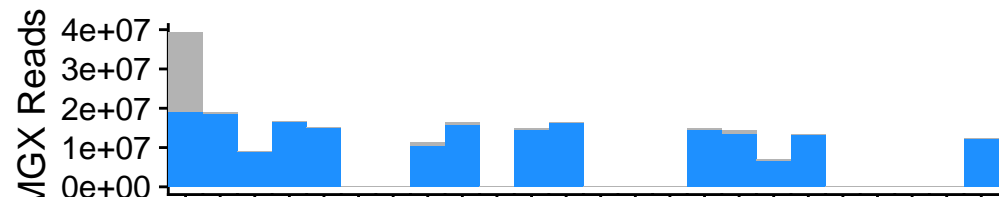
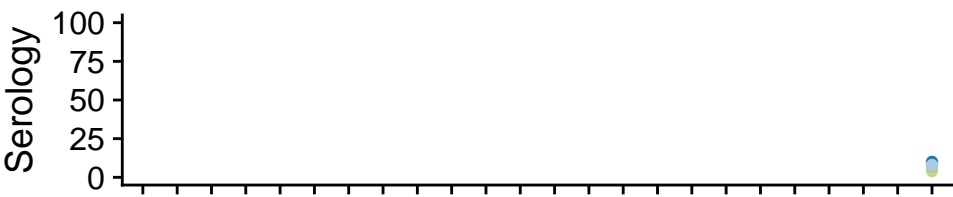
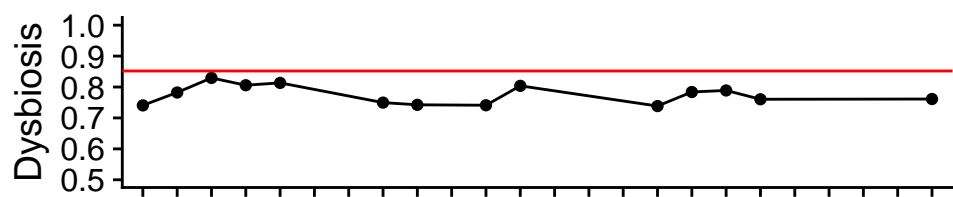
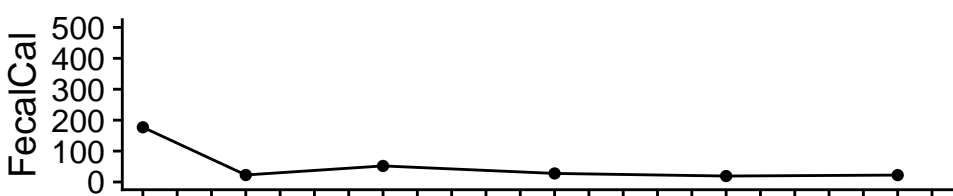
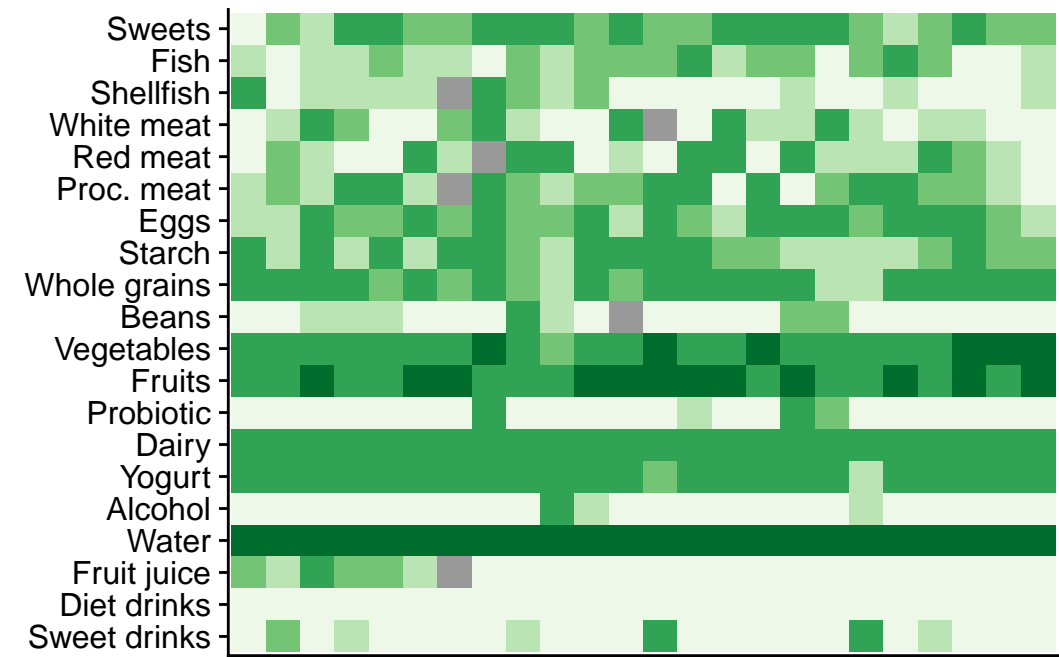
Pseudomonas phage PPpW-4
Lactococcus phage P008
Lactococcus phage 936 sensu lato
Gokushovirus WZ-2015a
Cucumber leaf spot virus
Pepper mild mottle virus
Tomato mosaic virus
other

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...
K13038: phosphopantothencysteine decar...

2'-O-methyladenosine
7-methylxanthine
C16:0 LPC_A
hypoxanthine
imidazoleacetic acid
methylimidazole acetic acid
N1,N12-diacetylspermine
phenylalanine
sorbitol
valine
xylose

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



- Alistipes onderdonkii
- Bacteroides caccae
- Bacteroides fragilis
- 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

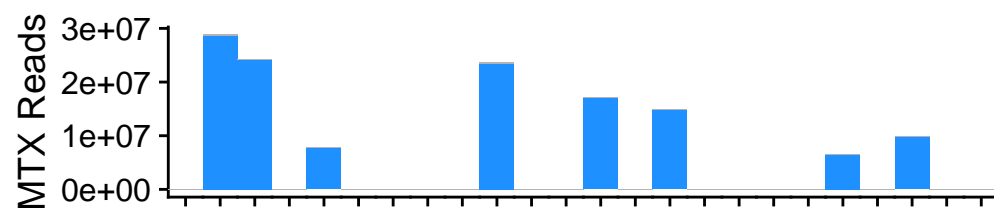
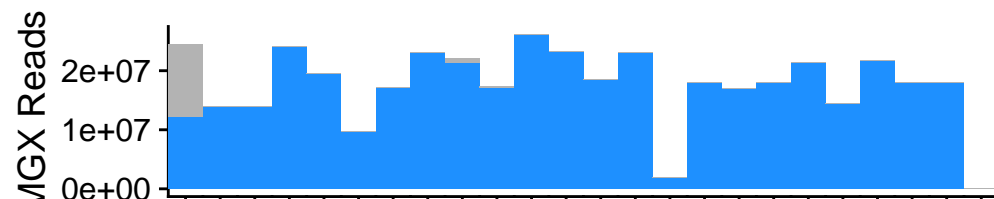
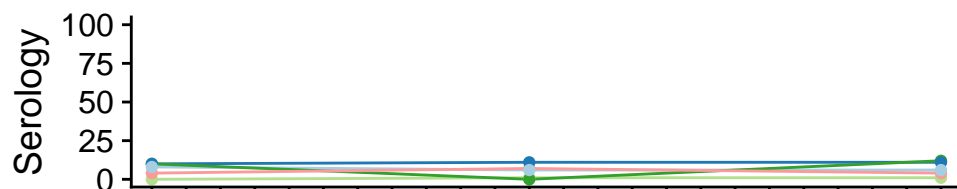
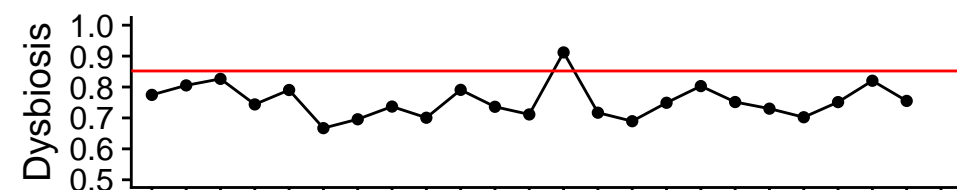
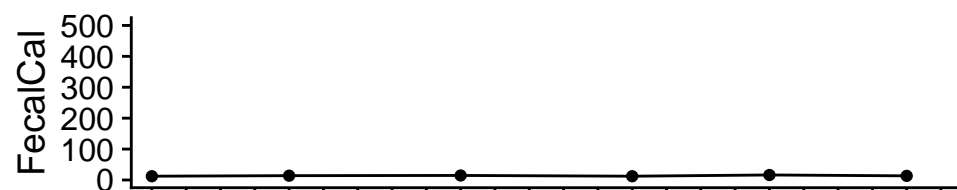
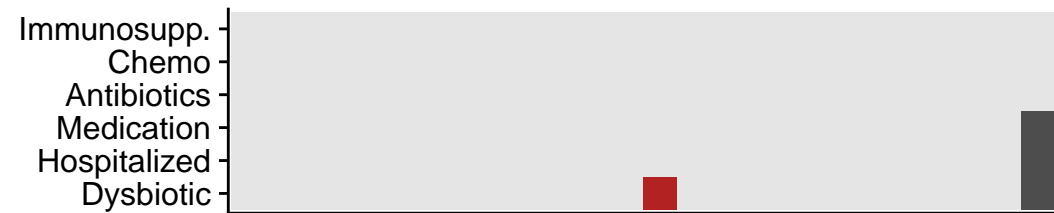
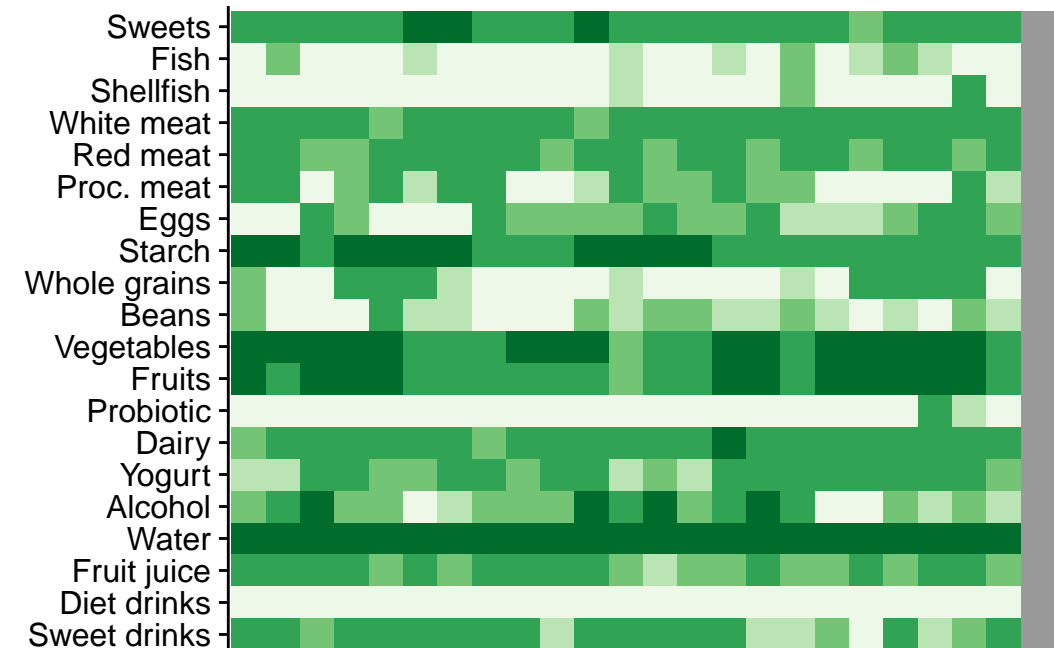
- T7virus
- Lactococcus phage 936 sensu lato
- unclassified Siphoviridae
- Porcine circovirus 3
- Gokushovirus WZ-2015a
- Pepper mild mottle virus
- Tobamovirus

- K00342: NADH-quinone oxidoreductase sub...
- K00789: S-adenosylmethionine synthetase [...]
- K01714: 4-hydroxy-tetrahydrodipicolinate sy...
- K01875: seryl-tRNA synthetase [EC:6.1.1.11]
- K01889: phenylalanyl-tRNA synthetase alph...
- 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
- K13993: HSP20 family protein

- 1,2,4-trimethylbenzene
- 3'-O-methyladenosine
- C4 carnitine
- isoleucine
- leucine
- methylimidazole acetic acid
- N1,N12-diacetylserpine
- NH4_C53:3 TAG
- pyridoxine
- suberate
- valine

- 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



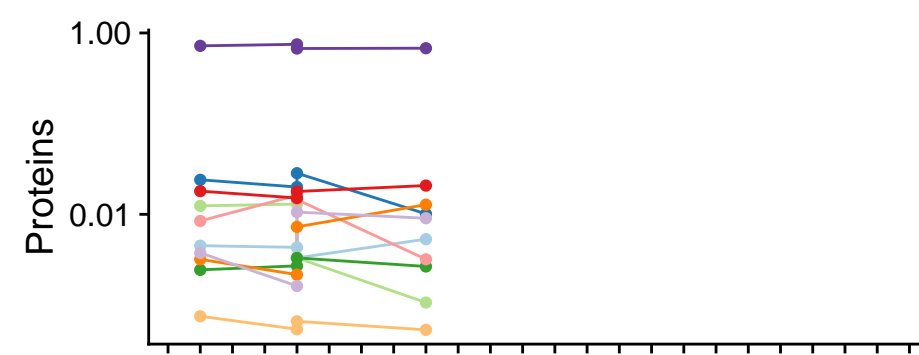
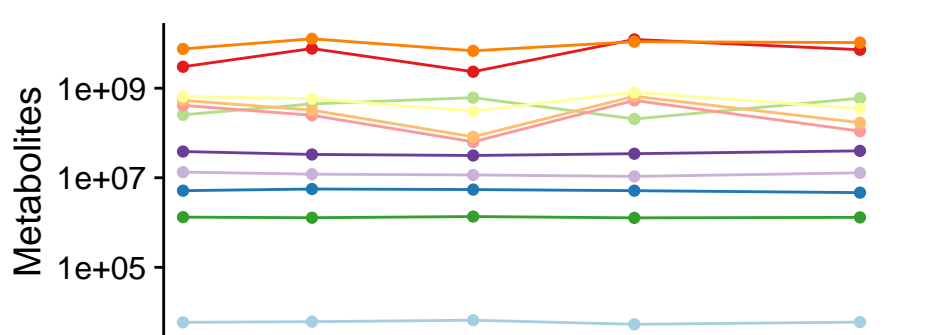
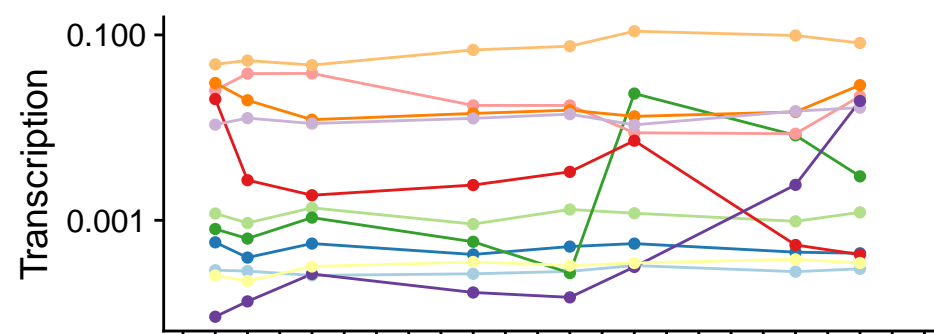
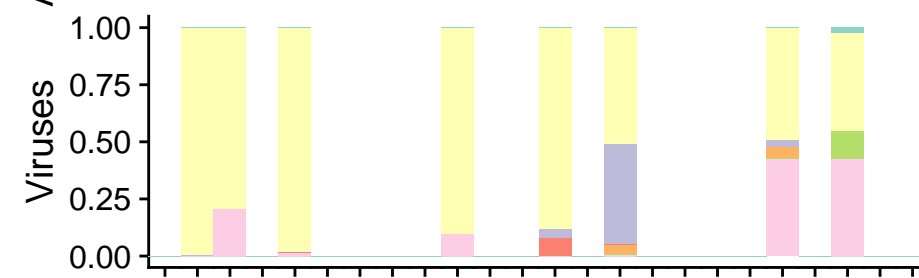
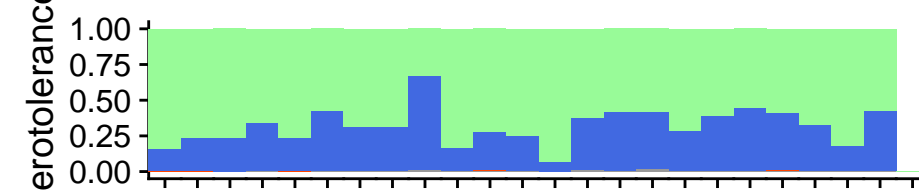
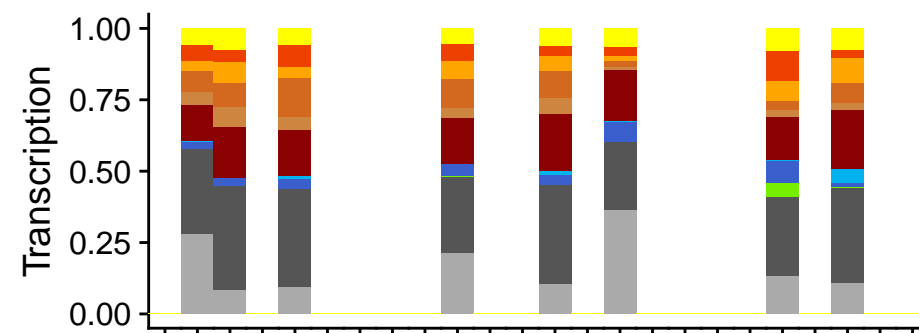
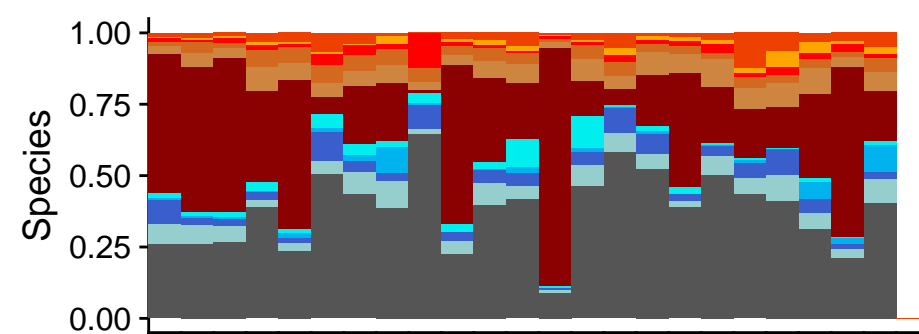
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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_anaeobe
aerotolerant
facultative_anaeobe
unknown

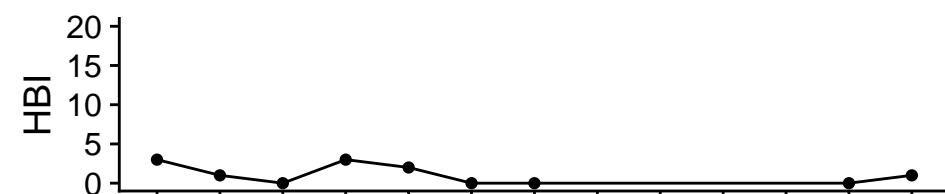
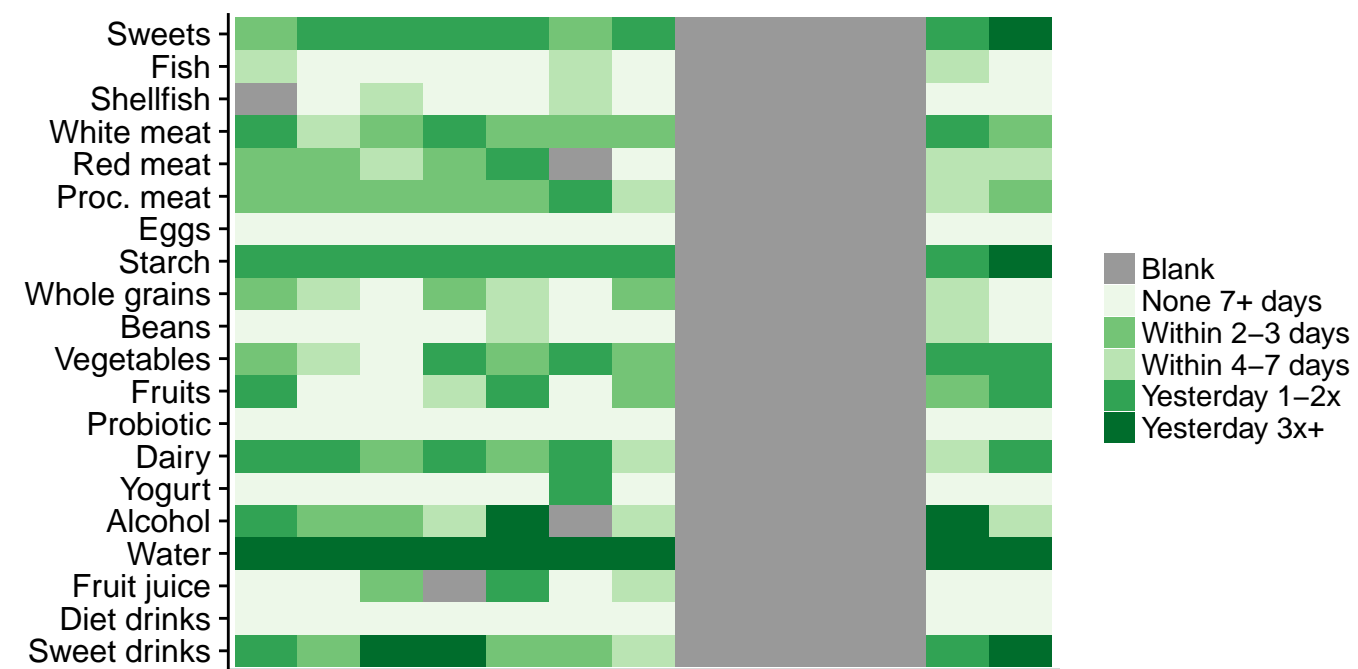
unclassified Siphoviridae
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tomato mosaic virus
Grapevine fleck virus
Human smacovirus 1
Smacovirusgroup
Human feces pecovirus
other

K00705: 4-alpha-glucanotransferase [EC:2....
K00928: aspartate kinase [EC:2.7.2.4]
K01810: glucose-6-phosphate isomerase [E...
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...
K04069: pyruvate formate lyase activating en...
K07001: NO_NAME

acetyl-galactosamine
butyrate
C16:0 LPC_A
C50:1 TAG
isoleucine
L-urobilin
leucine
methylimidazole acetic acid
N6-acetyllysine
pantothenate
valine

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

M2044: 33 Male White MGH | CD L3



Serology

X Reads

MTX Reads MG

Species

Transcription

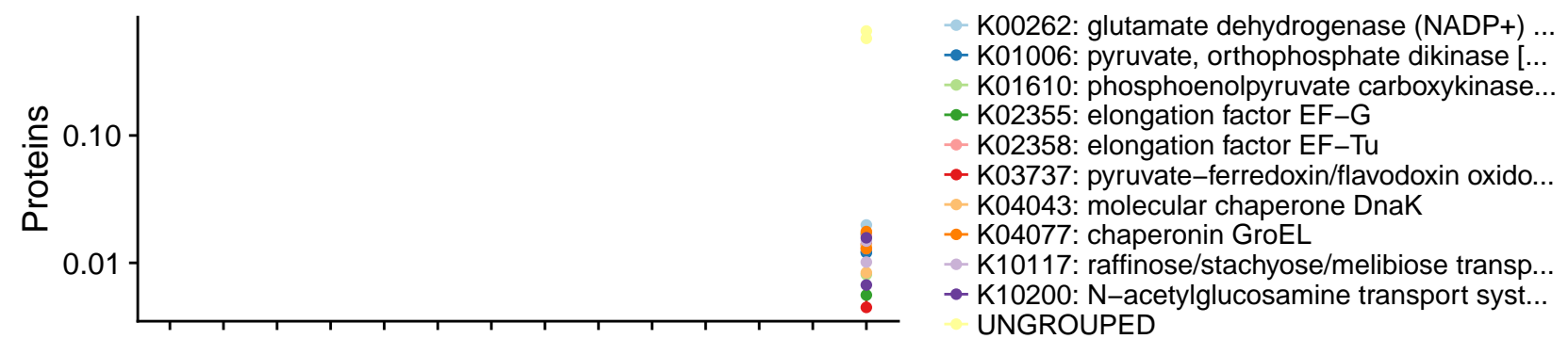
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Aerc

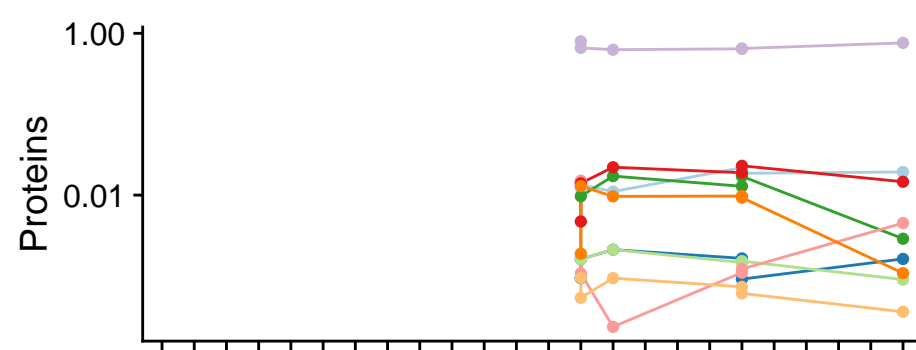
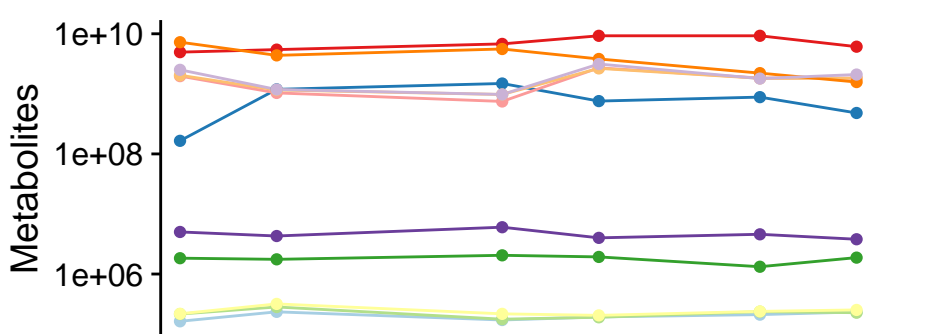
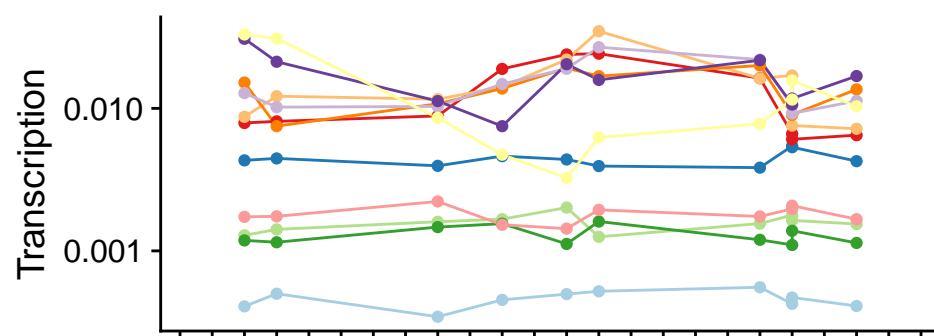
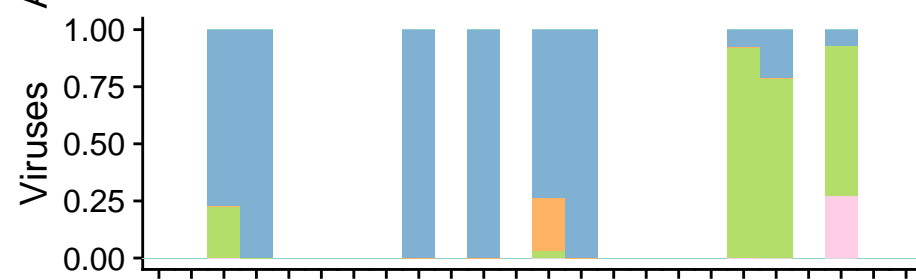
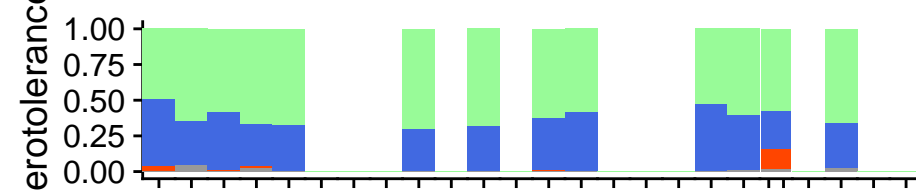
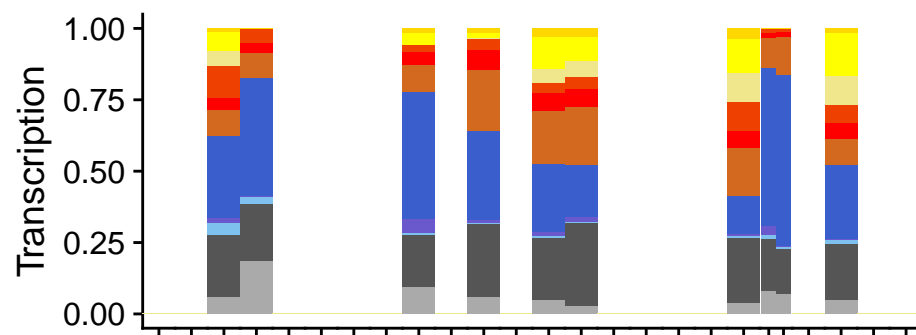
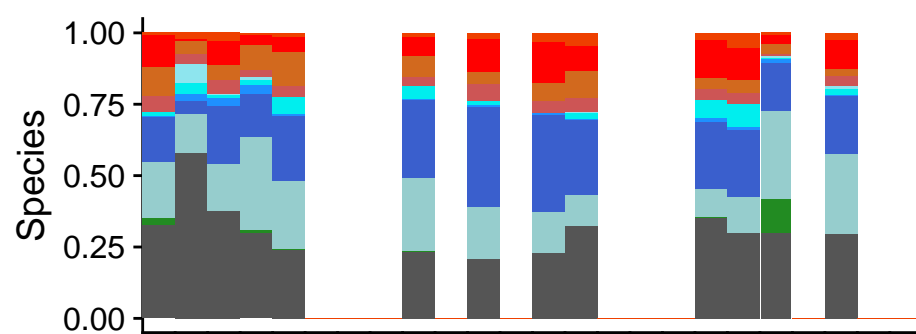
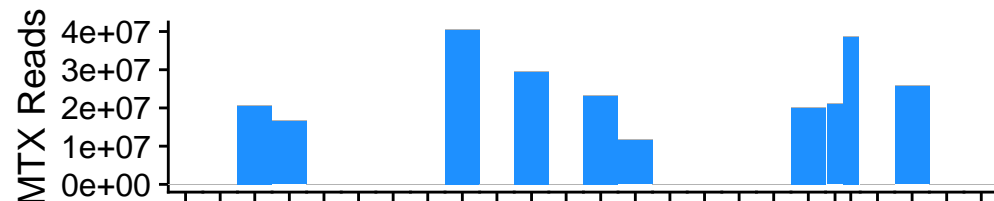
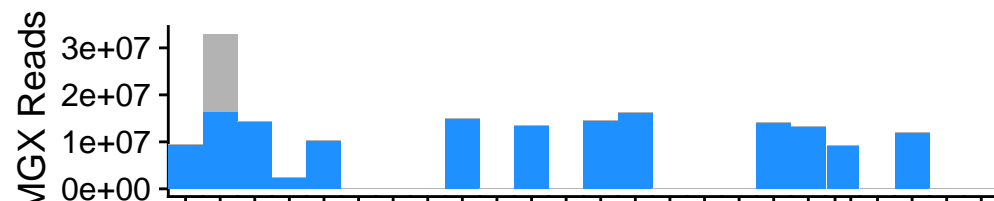
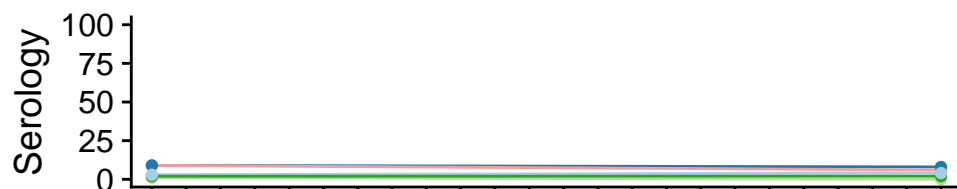
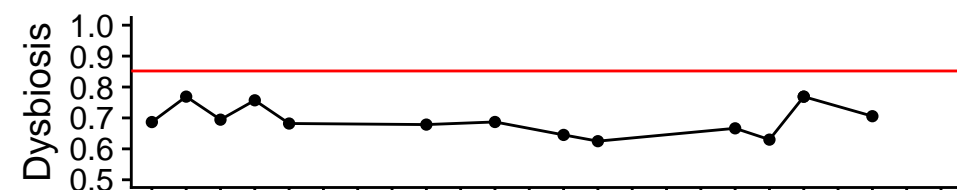
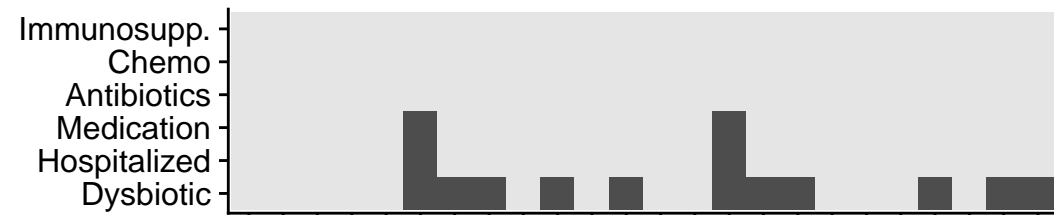
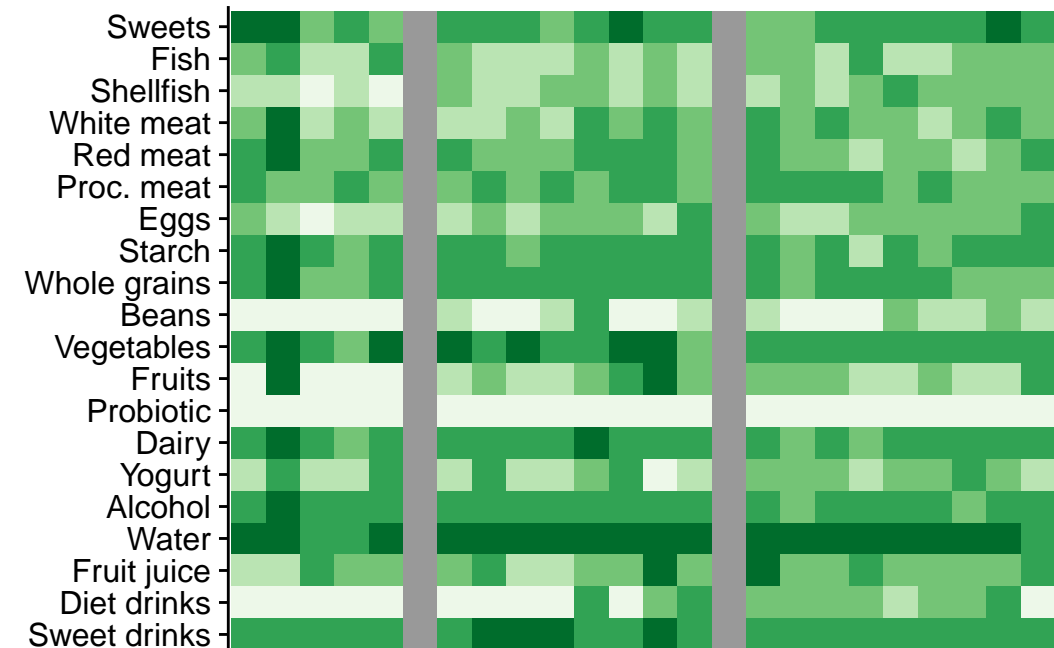
Viruses

Transcription

Metabolites

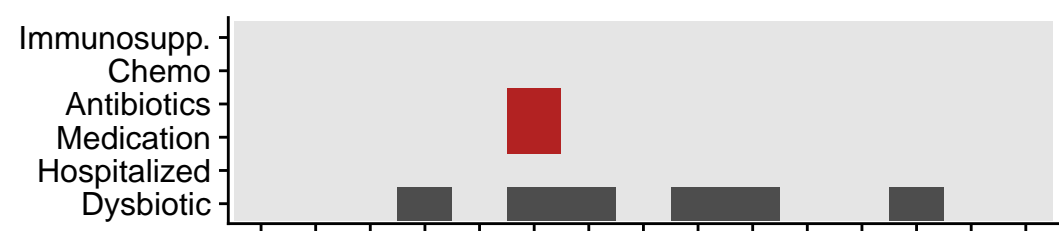
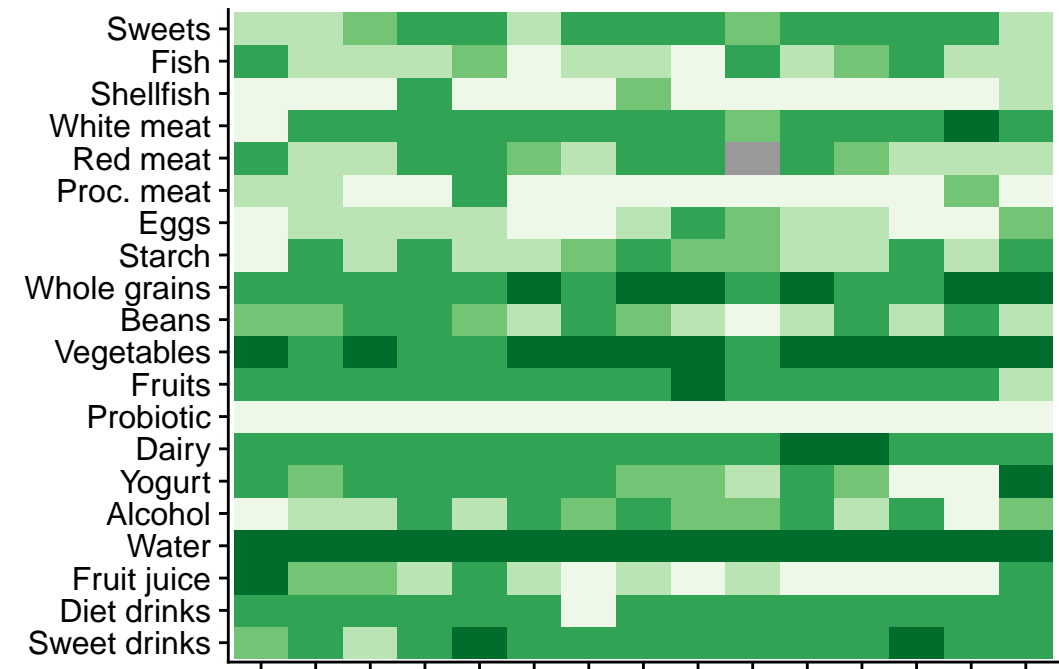


M2047: 57 Male White MGH | nonIBD

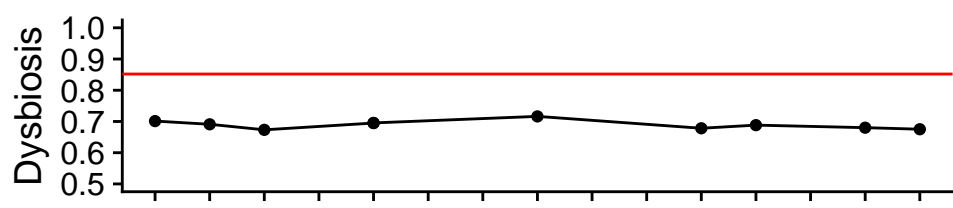


- Bacteroides caccae
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides merdae
- Eubacterium hallii
- Eubacterium rectale
- Eubacterium eligens
- Faecalibacterium prausnitzii
- Subdoligranulum unclassified
- Haemophilus parainfluenzae
- other
- Alistipes onderdonkii
- Alistipes shahii
- Alistipes finegoldii
- Bacteroides caccae
- Bacteroides uniformis
- Bacteroides vulgatus
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- Roseburia hominis
- other
- unclassified
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- Lactococcus phage jm3
- Propionibacterium phage PHL179
- unclassified Siphoviridae
- Gyrovirus 4
- Gokushovirus WZ-2015a
- Pepper mild mottle virus
- Tomato mosaic virus
- Tomato mottle mosaic virus
- other
- K00806: undecaprenyl diphosphate synthase...
- K01624: fructose-bisphosphate aldolase, cla...
- K01835: phosphoglucomutase [EC:5.4.2.2]
- K01939: adenylosuccinate synthase [EC:6.3....
- K01951: GMP synthase (glutamine-hydrolysi...
- K02078: acyl carrier protein
- K02914: large subunit ribosomal protein L34
- K02956: small subunit ribosomal protein S15
- K02968: small subunit ribosomal protein S20
- K03088: RNA polymerase sigma-70 factor, E...
- K19157: NO_NAME
- 1,2,4-trimethylbenzene
- 2-deoxyadenosine
- 4-methylcatechol
- C20:0 LPE
- isoleucine
- L-urobilin
- leucine
- methylimidazole acetic acid
- phenylalanine
- porphobilinogen
- trigonelline
- K00262: glutamate dehydrogenase (NADP+) ...
- K00602: phosphoribosylaminoimidazolecarbo...
- K00850: 6-phosphofructokinase 1 [EC:2.7.1....
- K01006: pyruvate, orthophosphate dikinase [...
- K01812: glucuronate isomerase [EC:5.3.1.12]
- K02358: elongation factor EF-Tu
- K02906: large subunit ribosomal protein L3
- K03737: pyruvate-ferredoxin/ferredoxin oxido...
- UNGROUPED

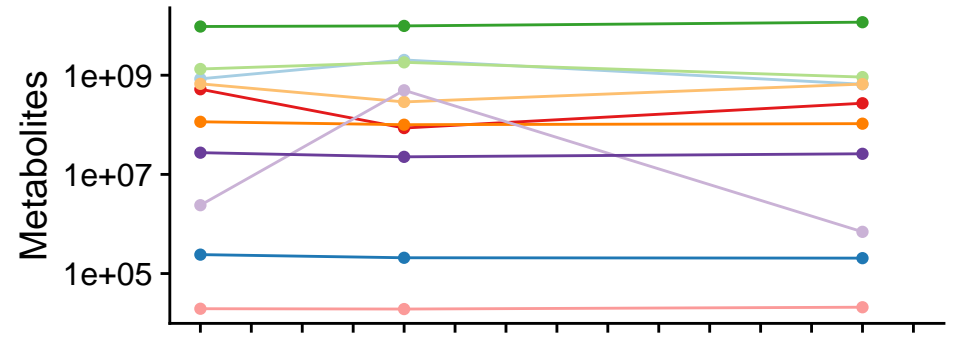
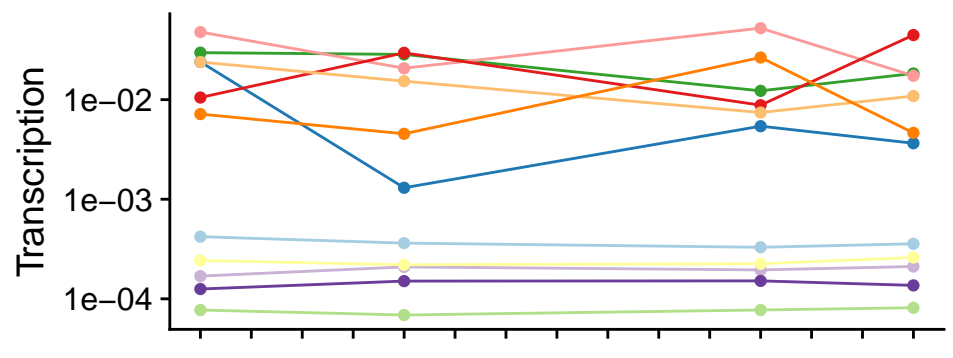
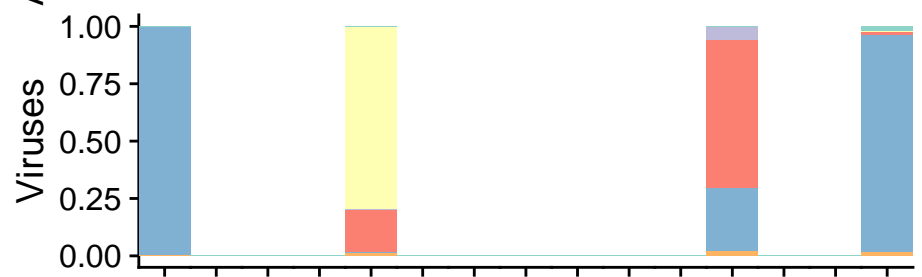
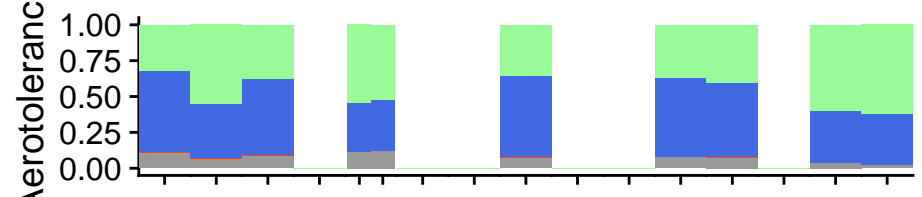
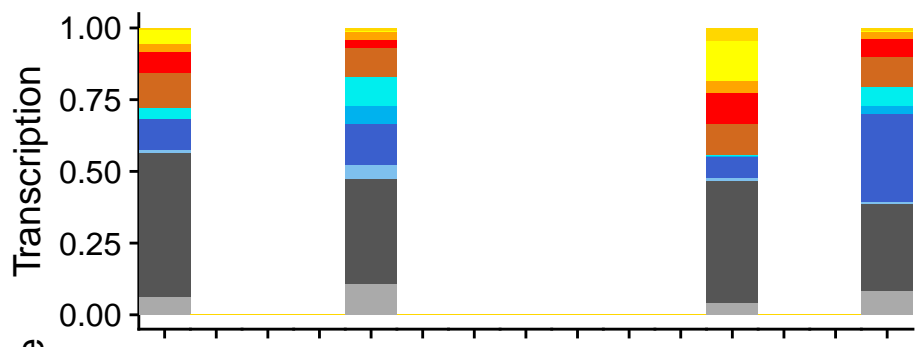
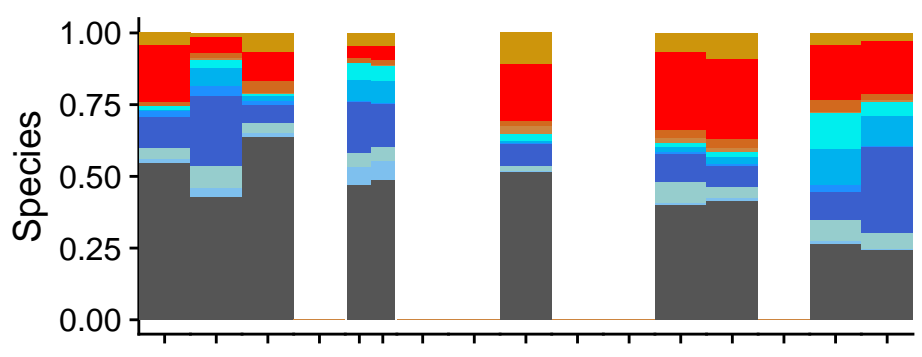
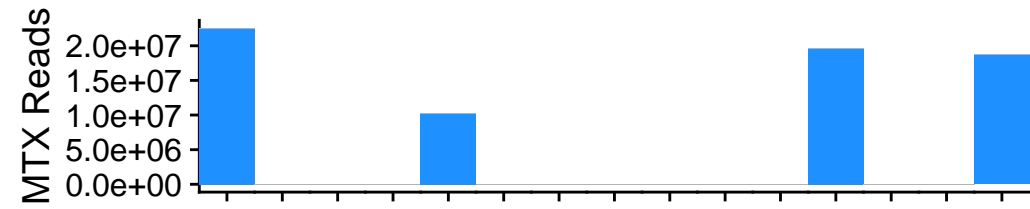
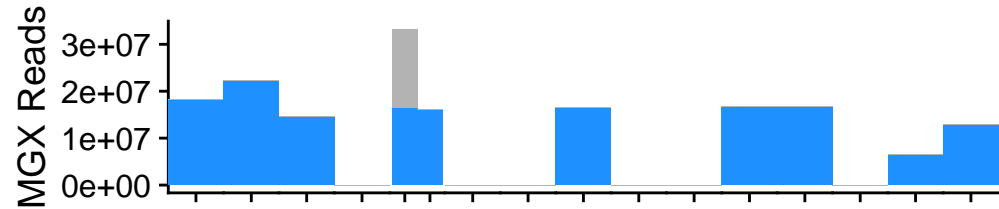
M2048: 28 Male White MGH | nonIBD



FecalCal

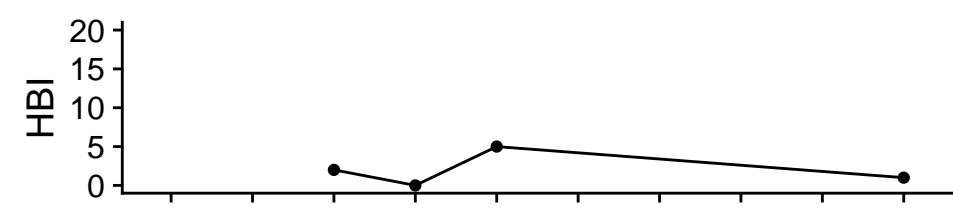
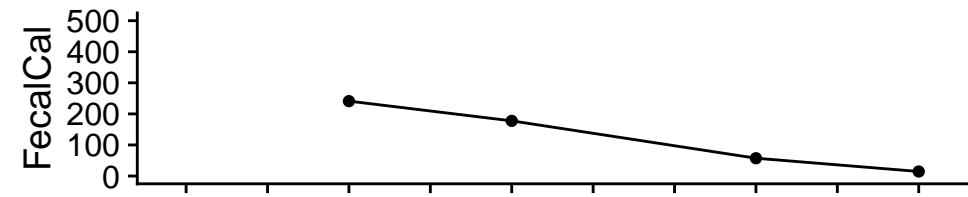
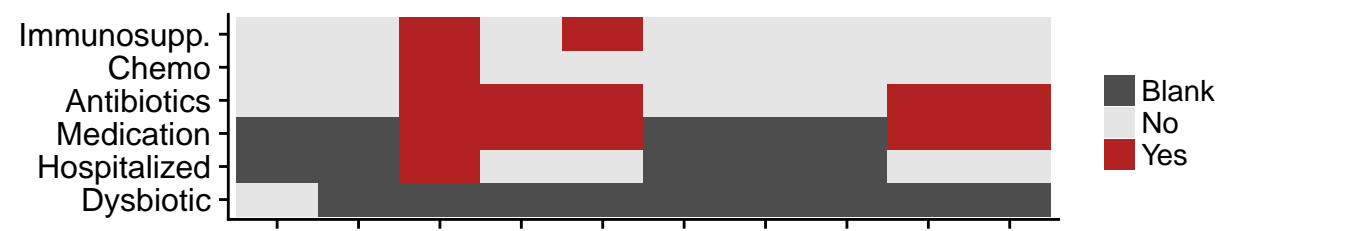
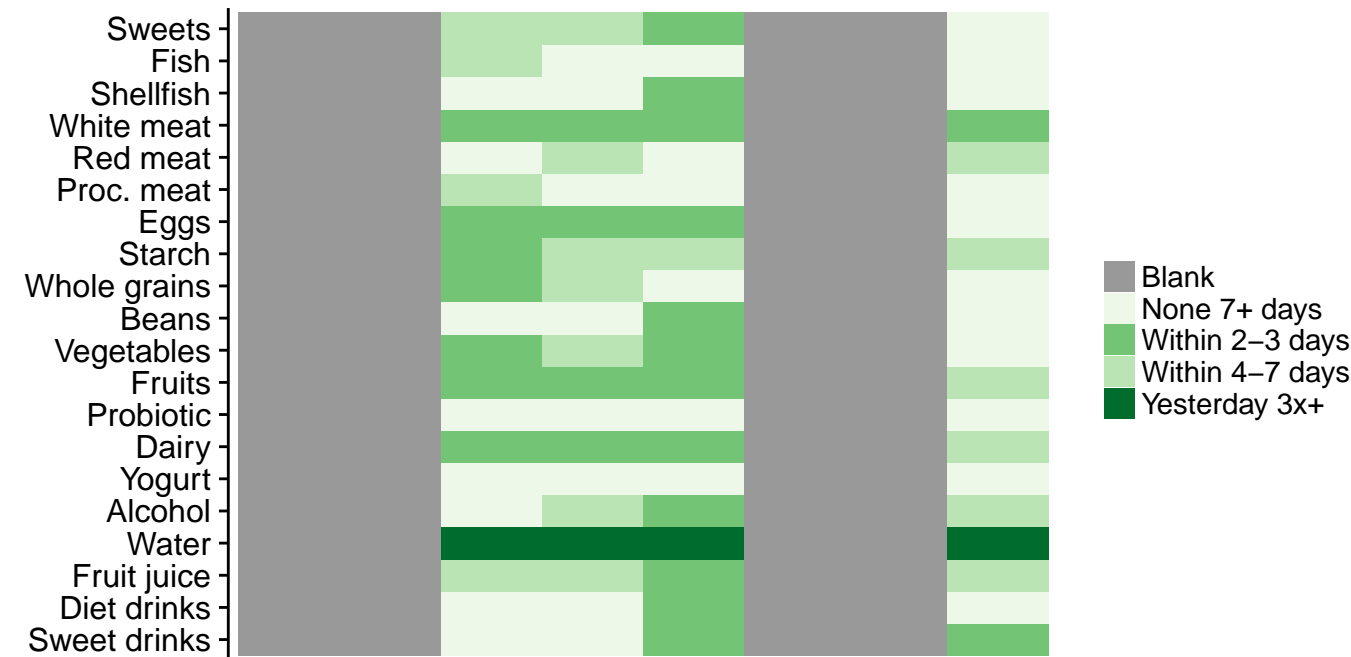


Serology

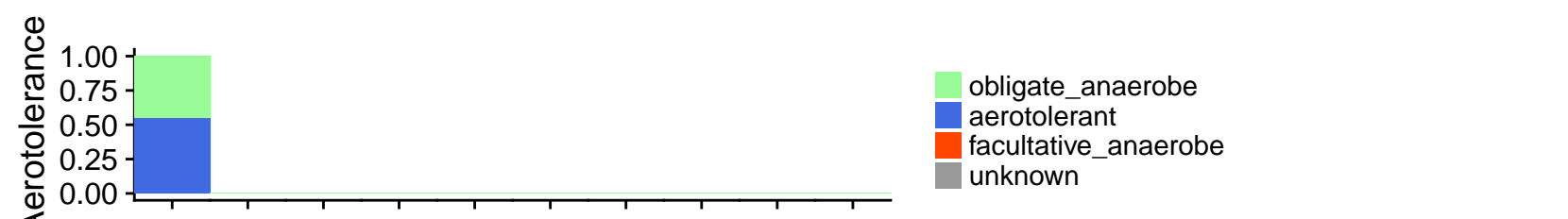
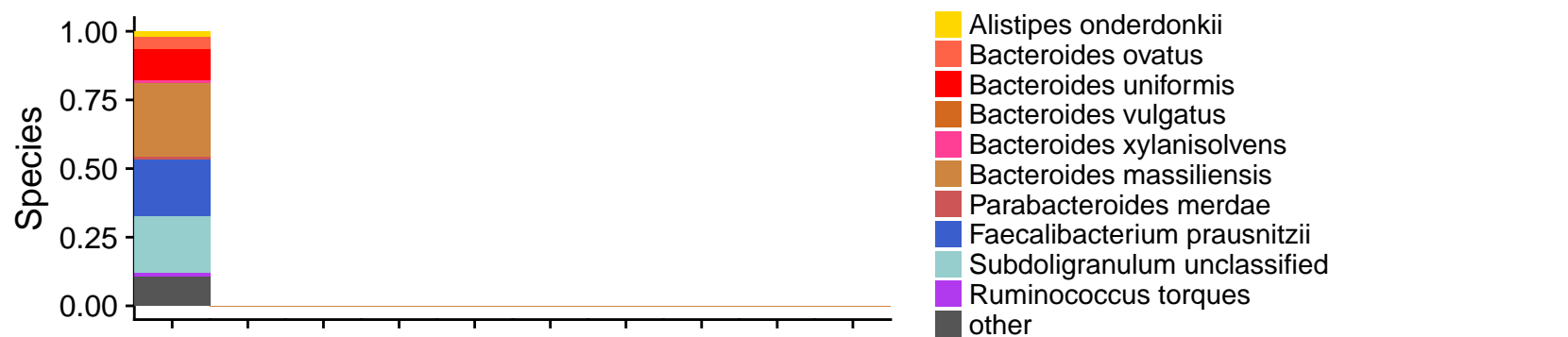
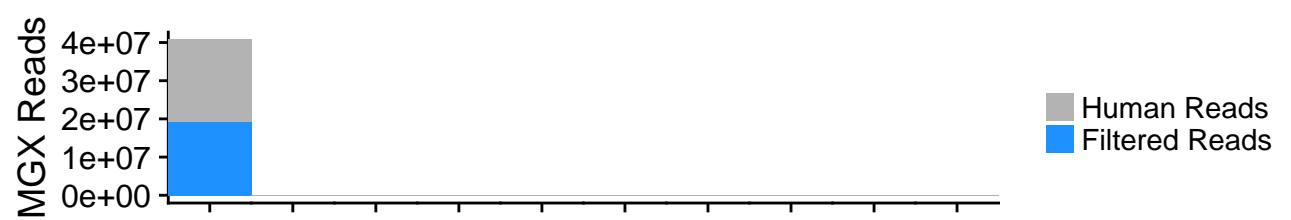


Proteins

M2058: 25 Female Black or African American MGH | CD L1



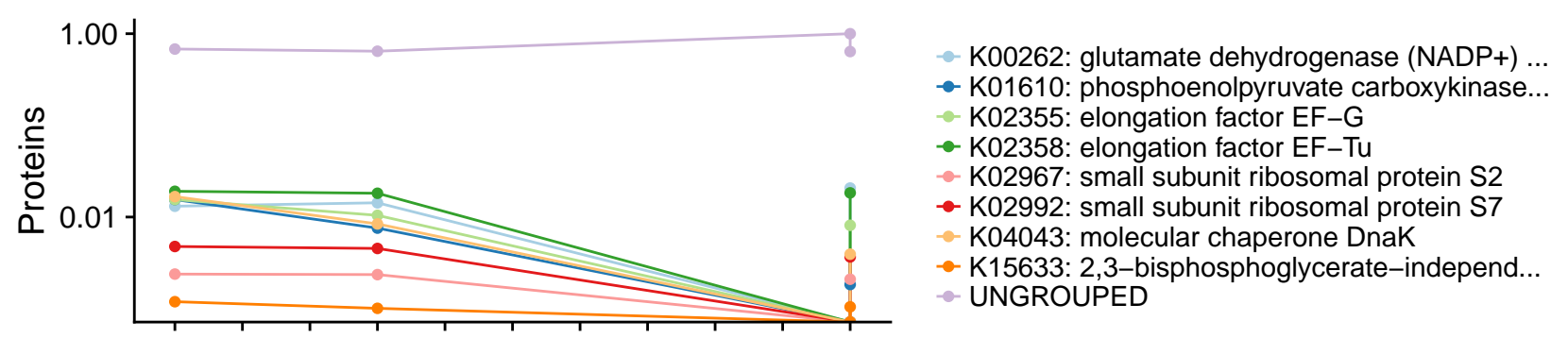
Serology



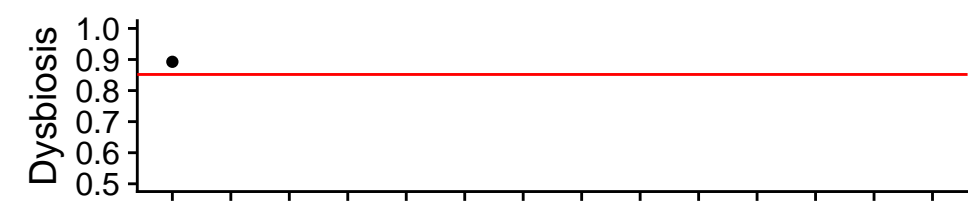
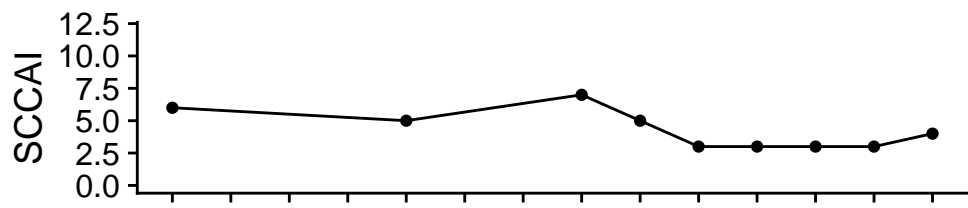
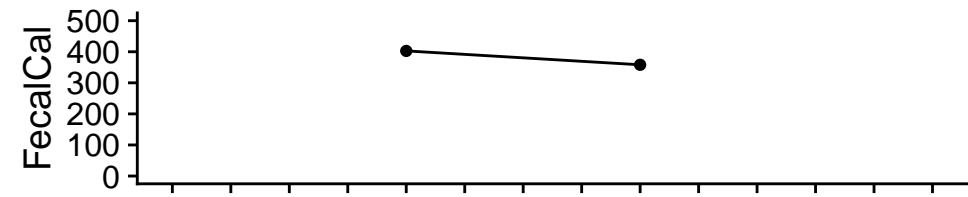
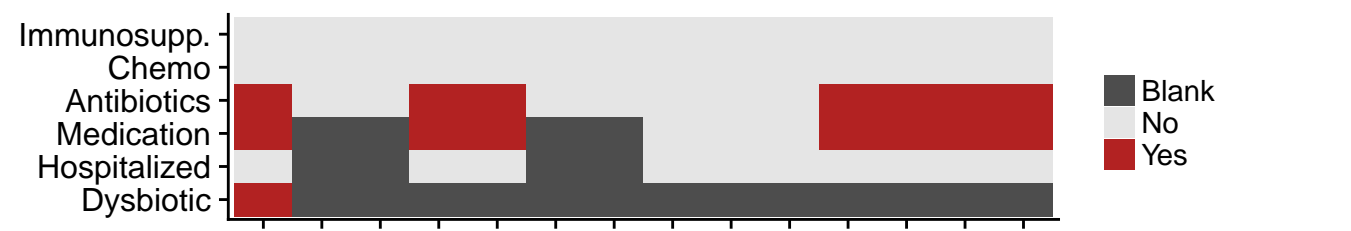
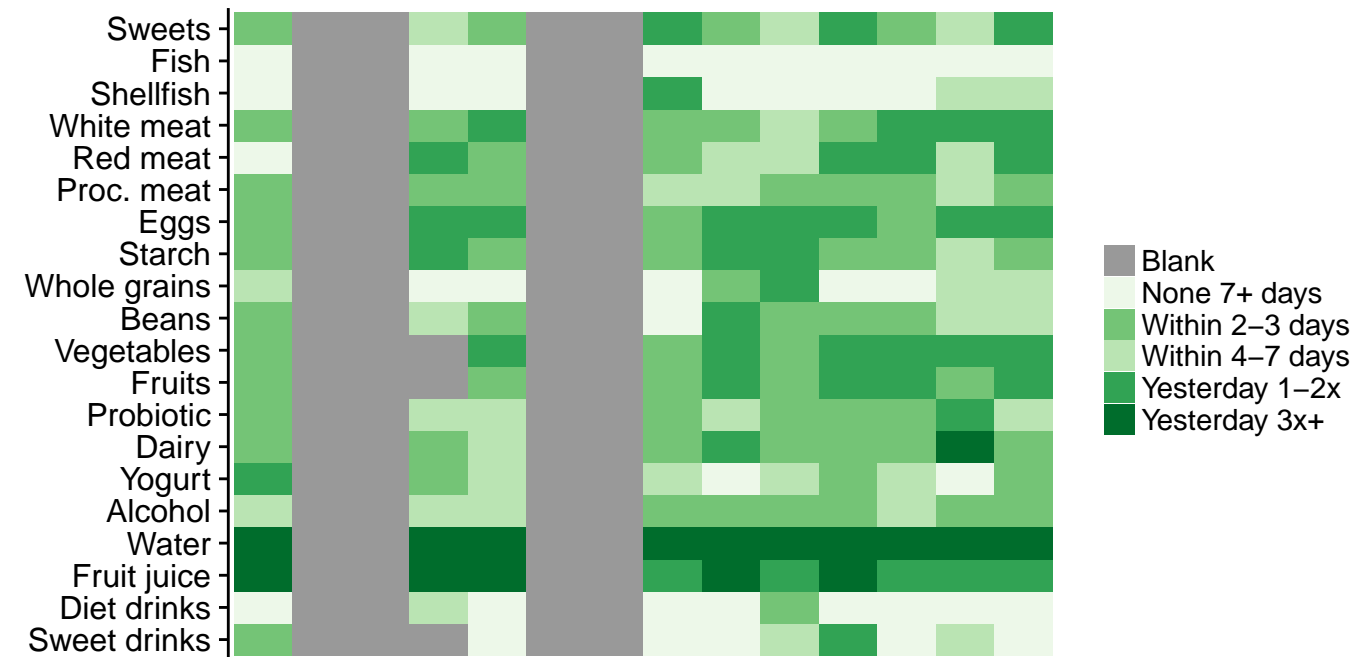
Viruses

Transcription

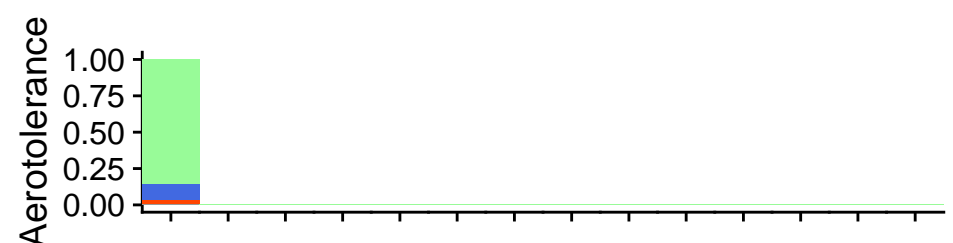
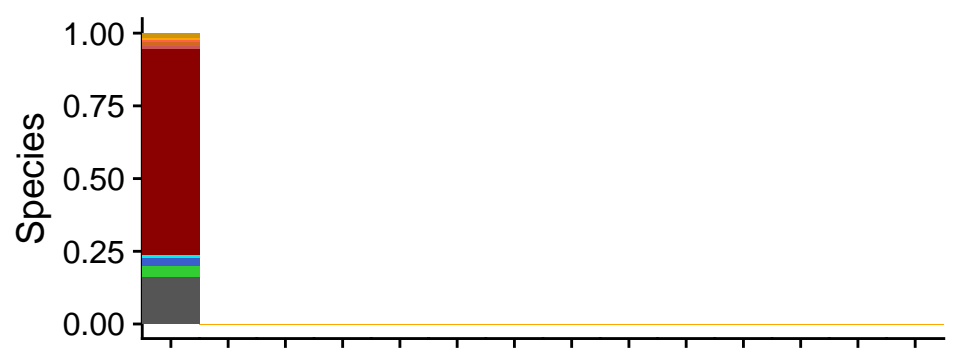
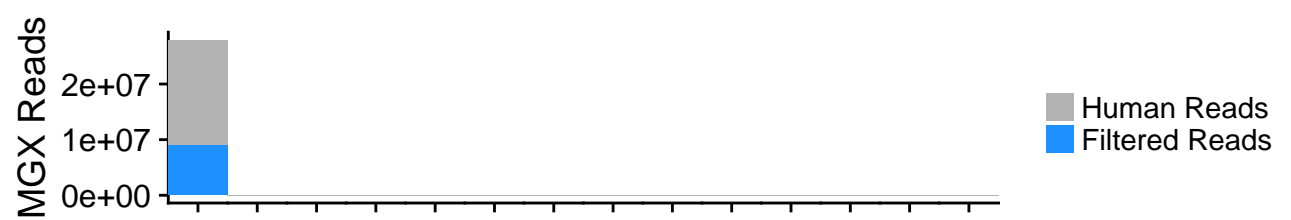
Metabolites



M2059: NA Male Black or African American MGH | UC



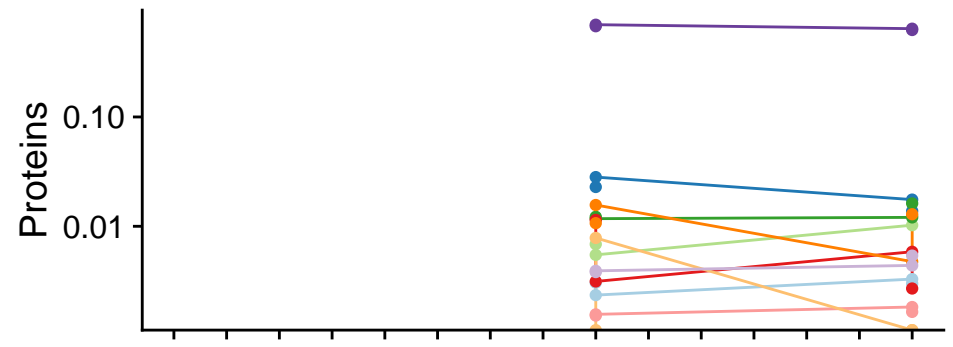
Serology



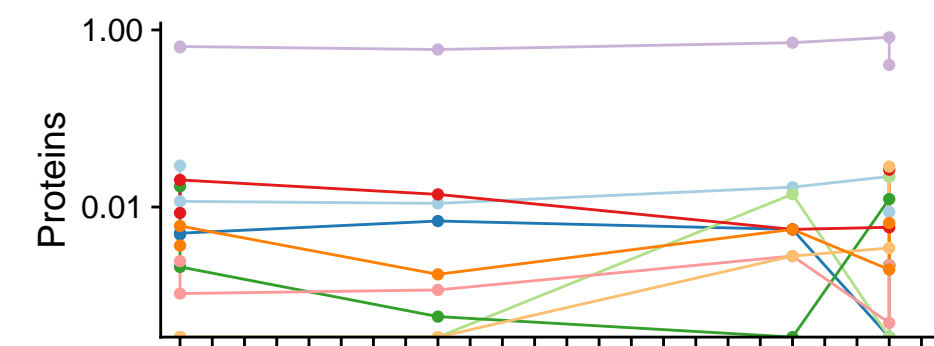
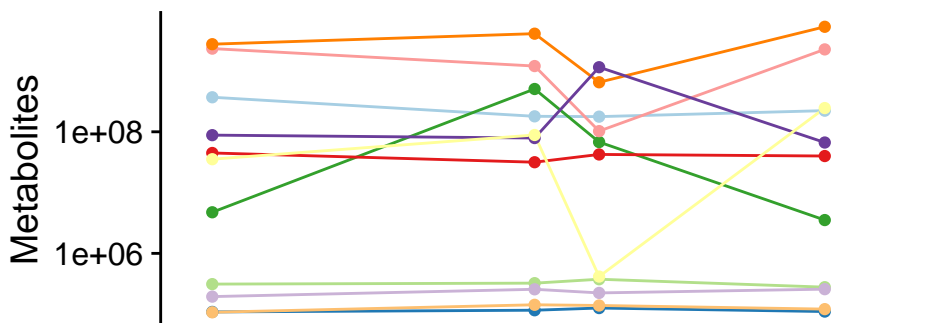
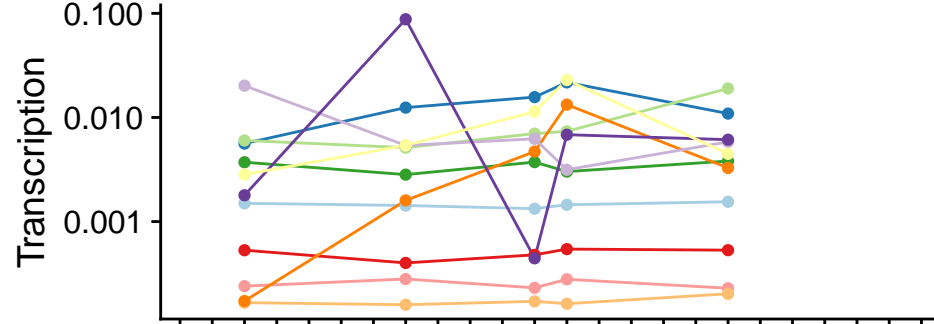
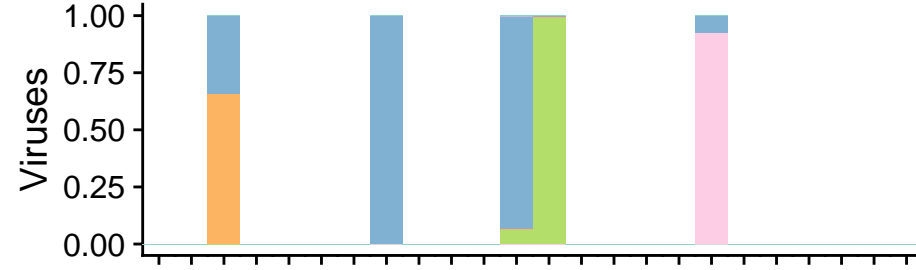
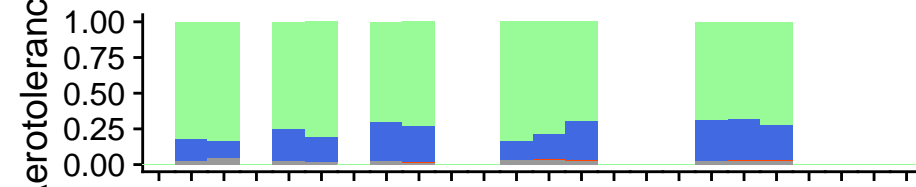
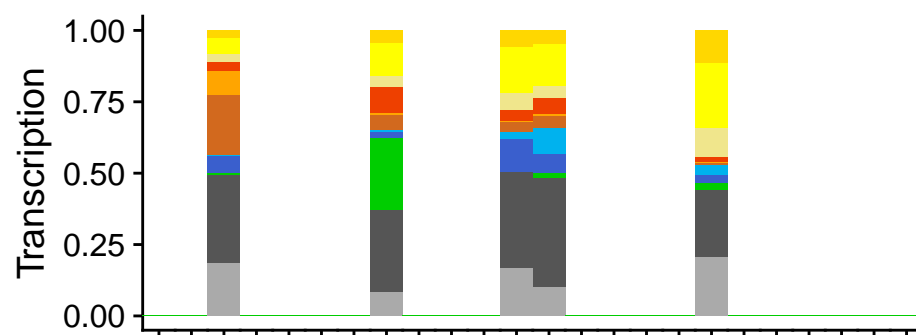
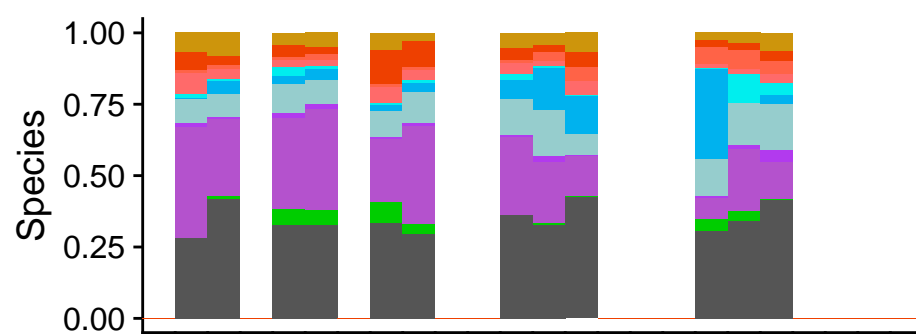
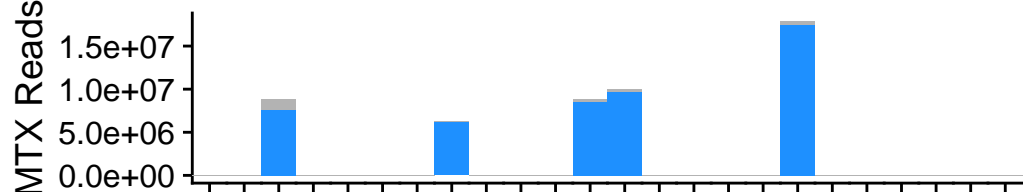
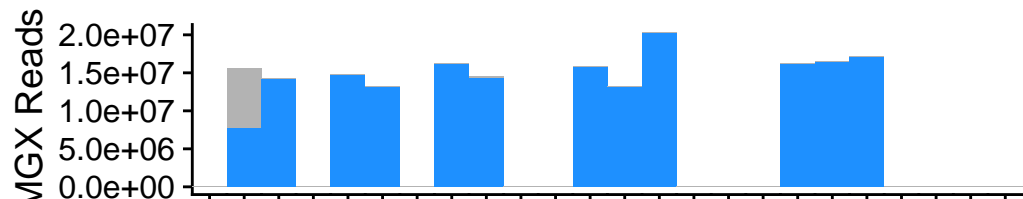
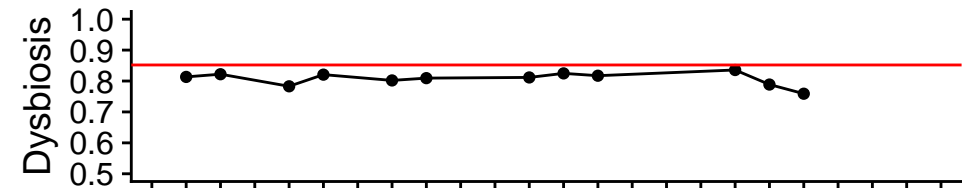
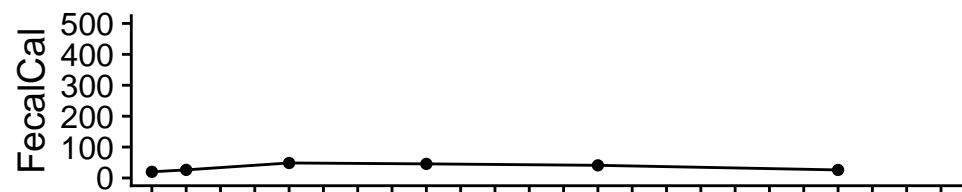
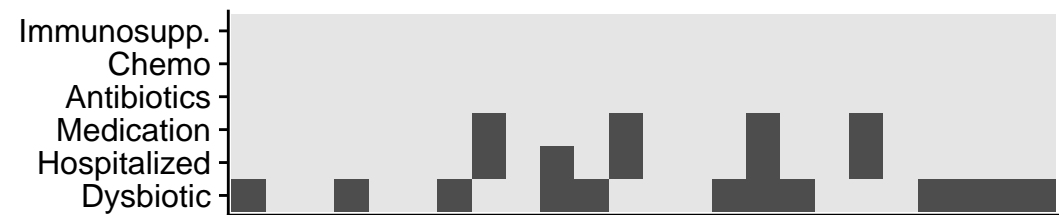
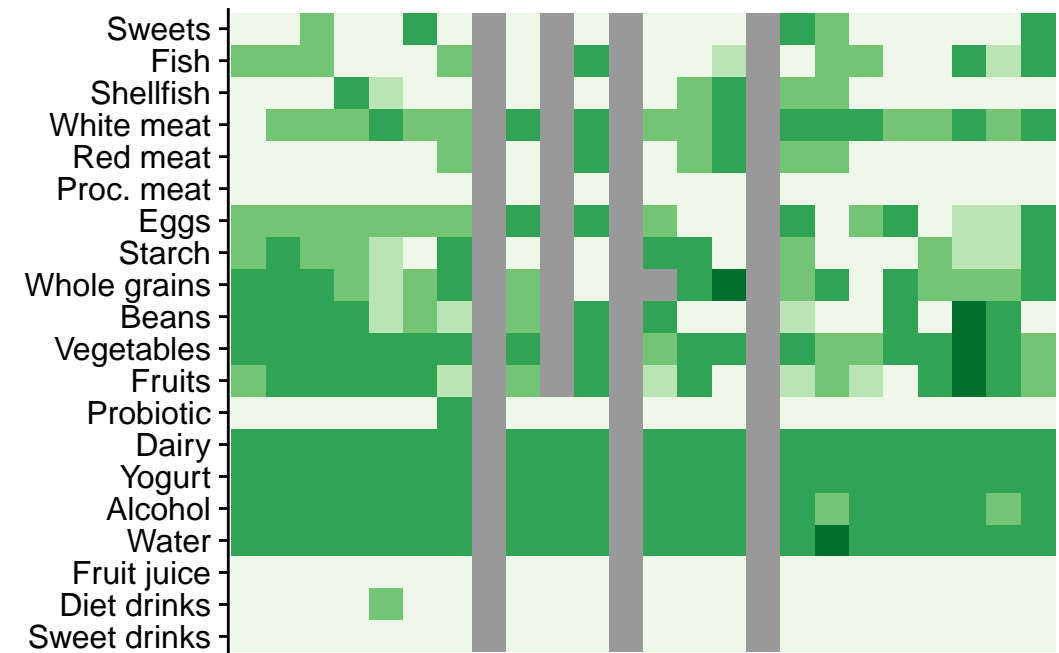
Viruses

Transcription

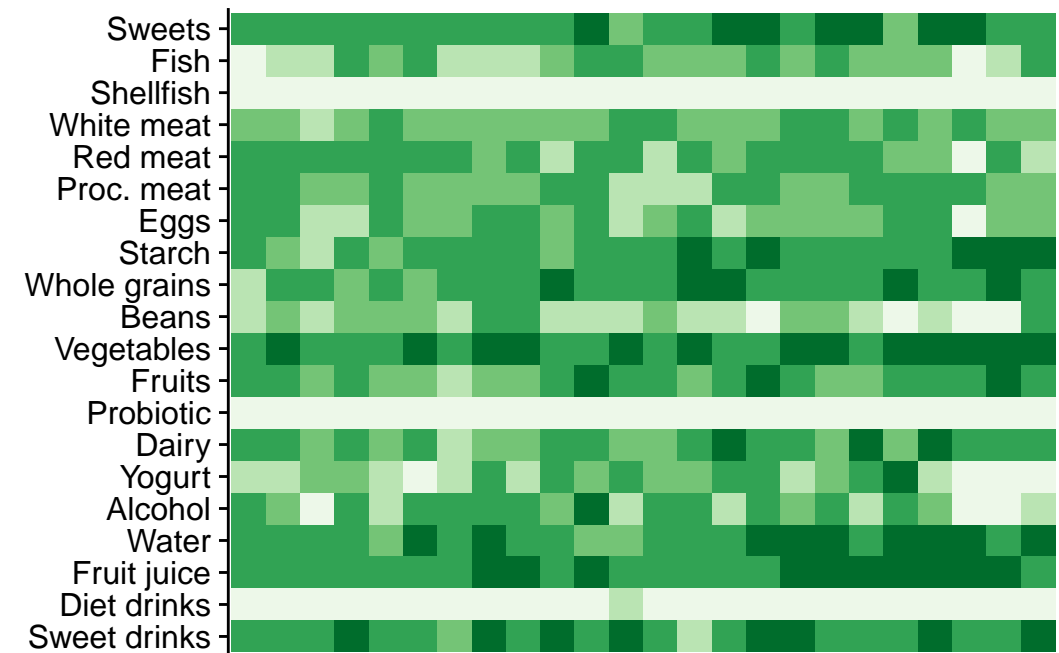
Metabolites



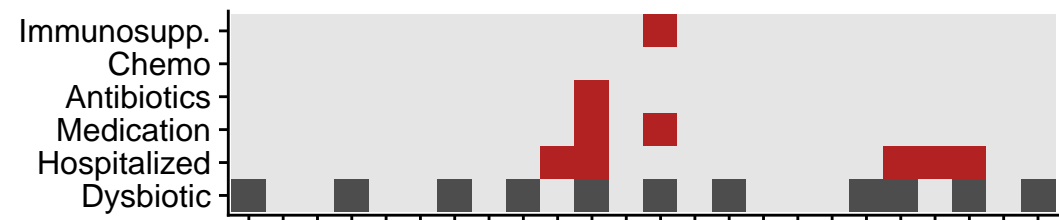
M2060: 62 Female White MGH | nonIBD



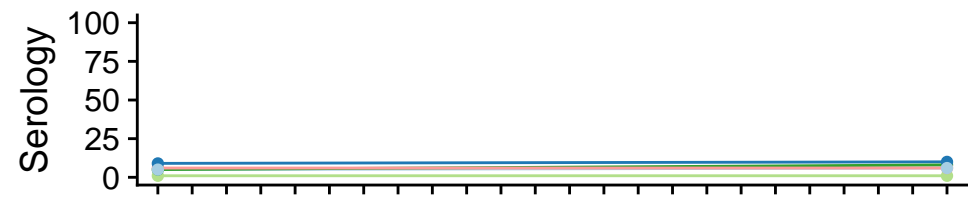
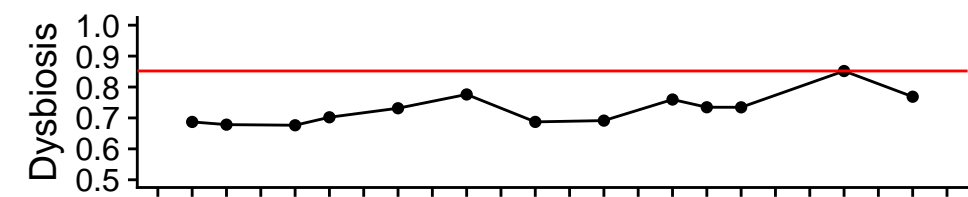
M2061: 56 Male White MGH | nonIBD



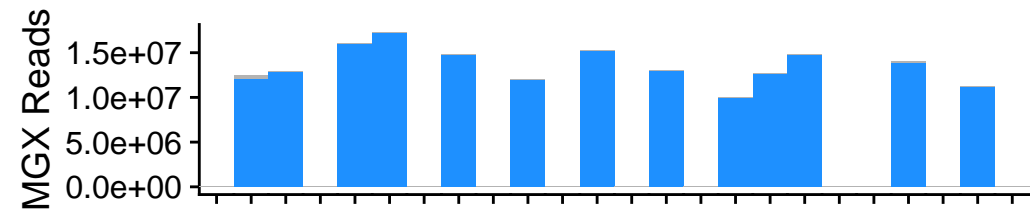
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+



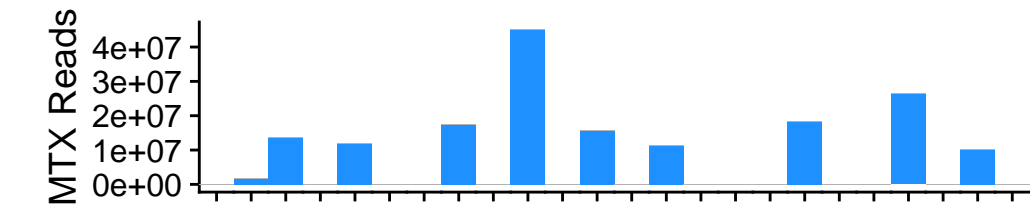
Blank
No
Yes



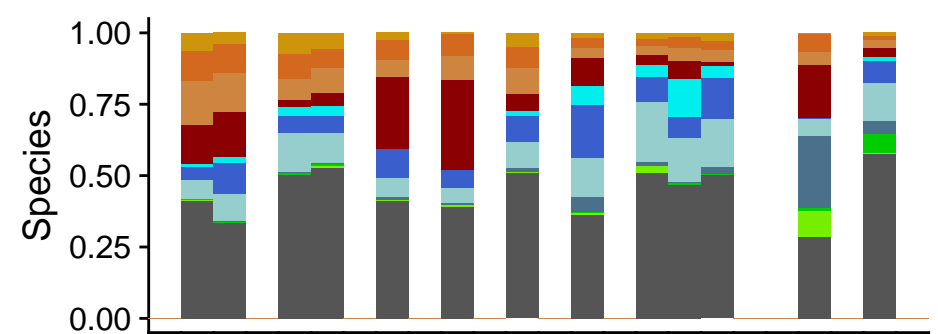
ANCA EU
Cbir1 EU
IgA ASCA EU
IgG ASCA EU
OmpC. EU



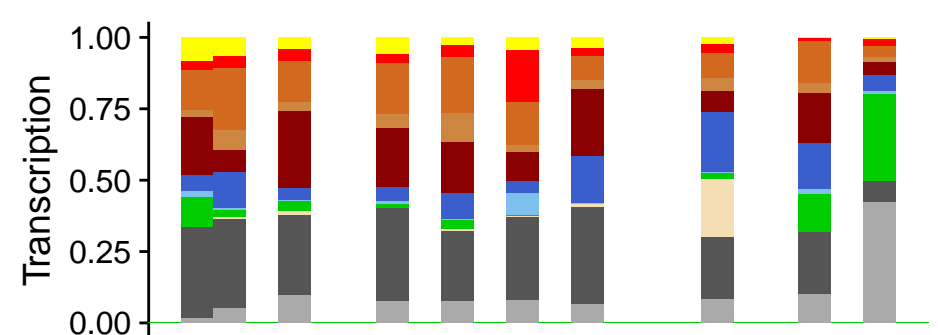
Human Reads
Filtered Reads



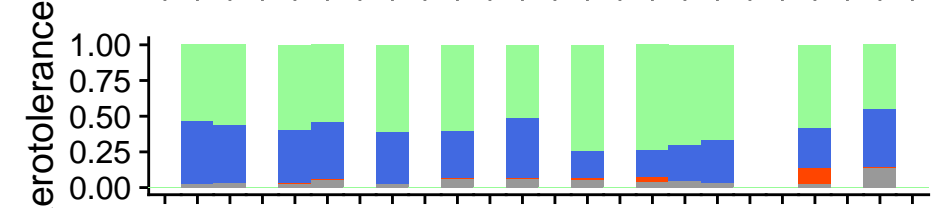
Human Reads
Filtered Reads



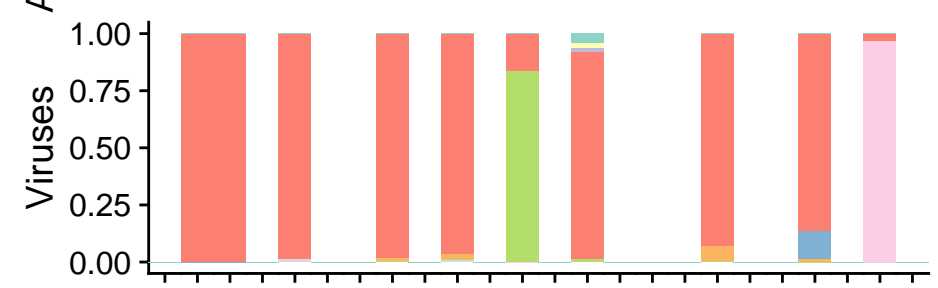
Alistipes putredinis
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
Subdoligranulum unclassified
Roseburia inulinivorans
Akkermansia muciniphila
Escherichia coli
other



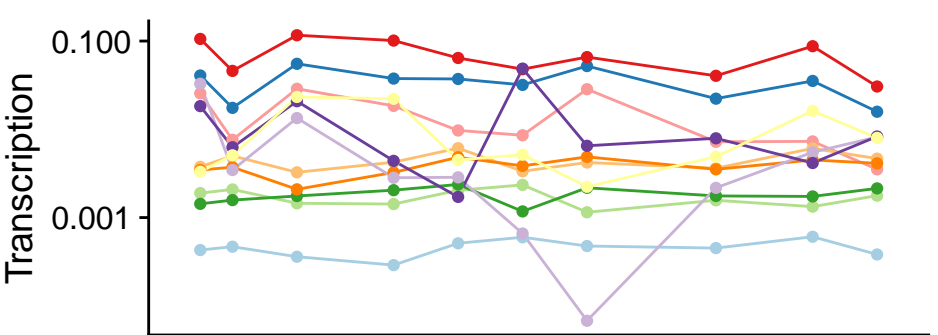
Alistipes shahii
Bacteroides uniformis
Bacteroides vulgatus
Bacteroides massiliensis
Prevotella copri
Faecalibacterium prausnitzii
Roseburia hominis
Akkermansia muciniphila
Methanobrevibacter smithii
other
unclassified



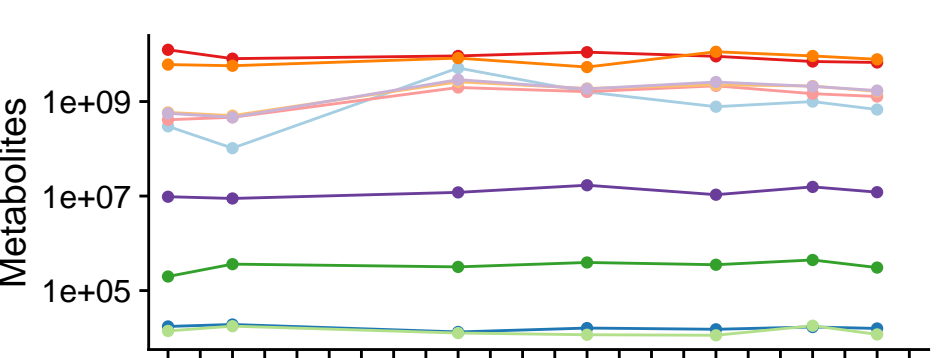
obligate anaerobe
aerotolerant
facultative anaerobe
unknown



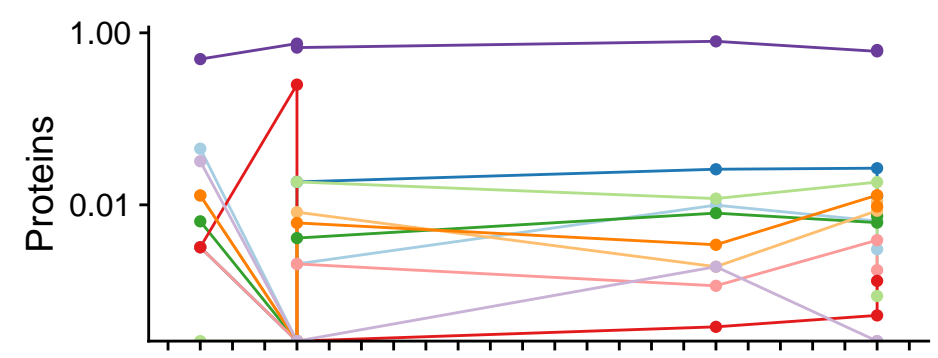
Sfi21dt1virus
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Cucumber green mottle mosaic virus
Pepper mild mottle virus
Tomato mosaic virus
unidentified phage
other



K01591: orotidine-5'-phosphate decarboxyla...
K02358: elongation factor EF-Tu
K02564: glucosamine-6-phosphate deamina...
K02871: large subunit ribosomal protein L13
K02892: large subunit ribosomal protein L23
K02914: large subunit ribosomal protein L34
K02982: small subunit ribosomal protein S3
K02994: small subunit ribosomal protein S8
K04069: pyruvate formate lyase activating en...
K04078: chaperonin GroES
K19157: NO_NAME

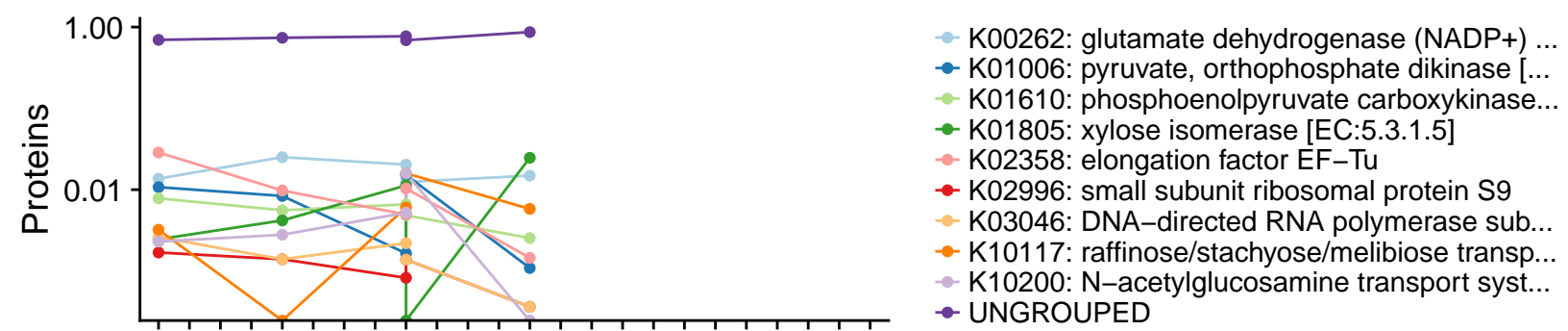
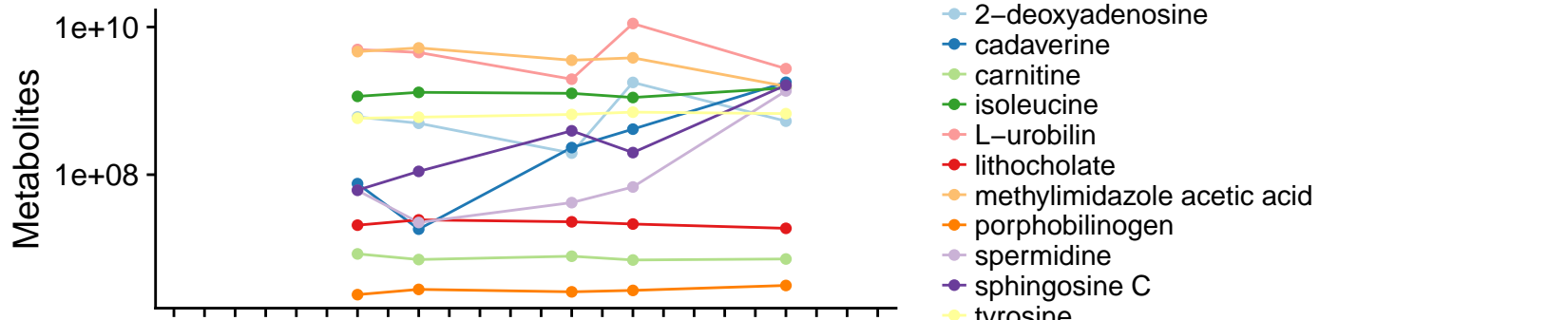
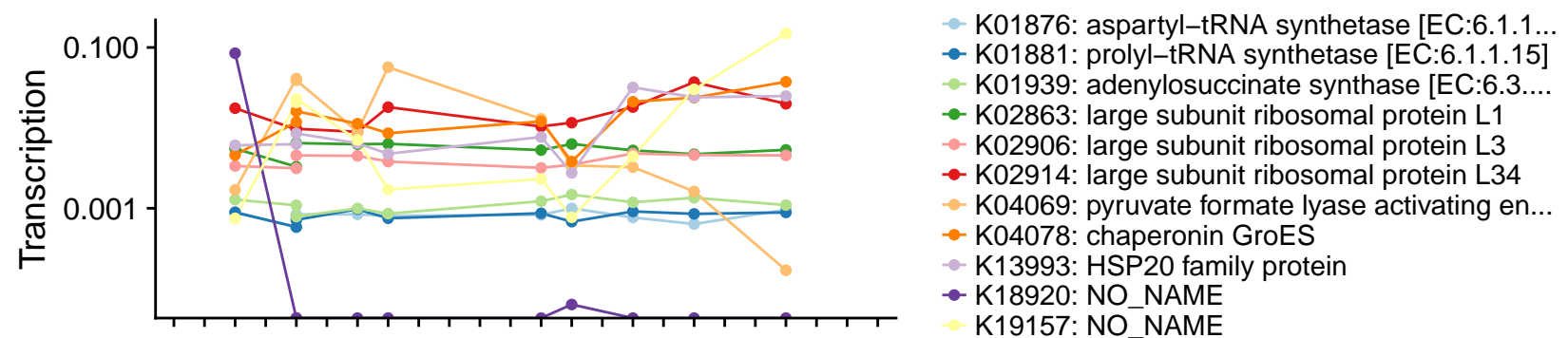
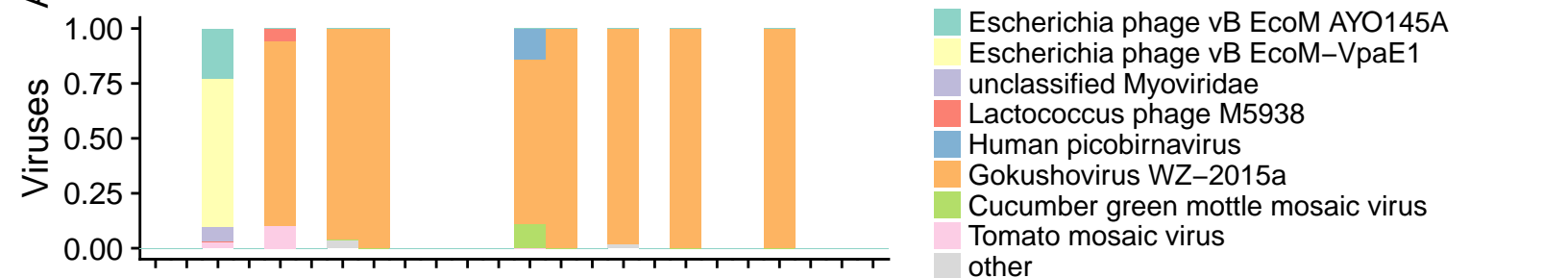
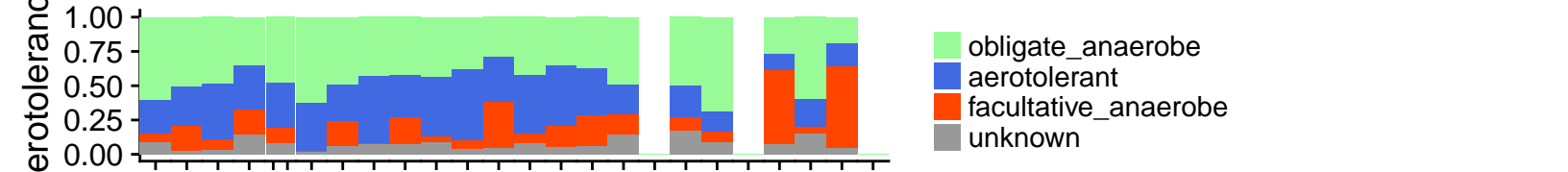
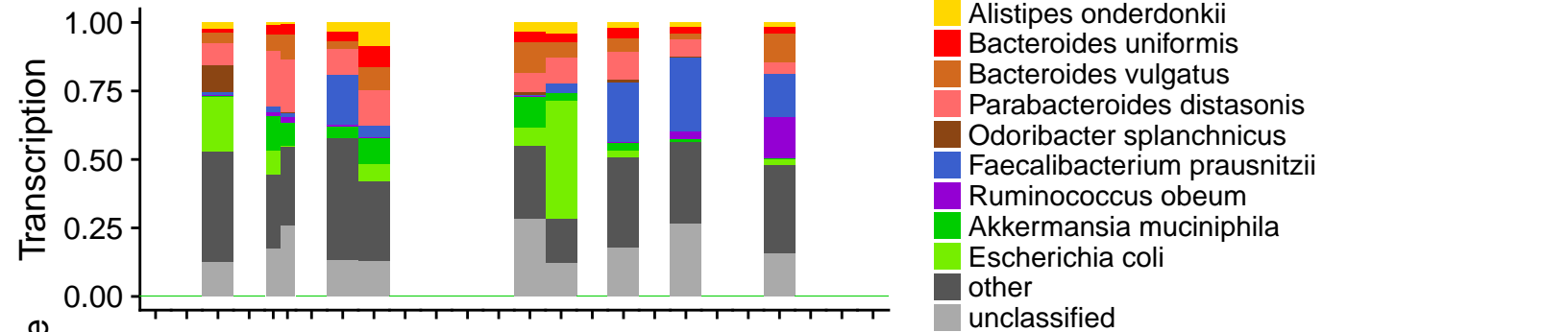
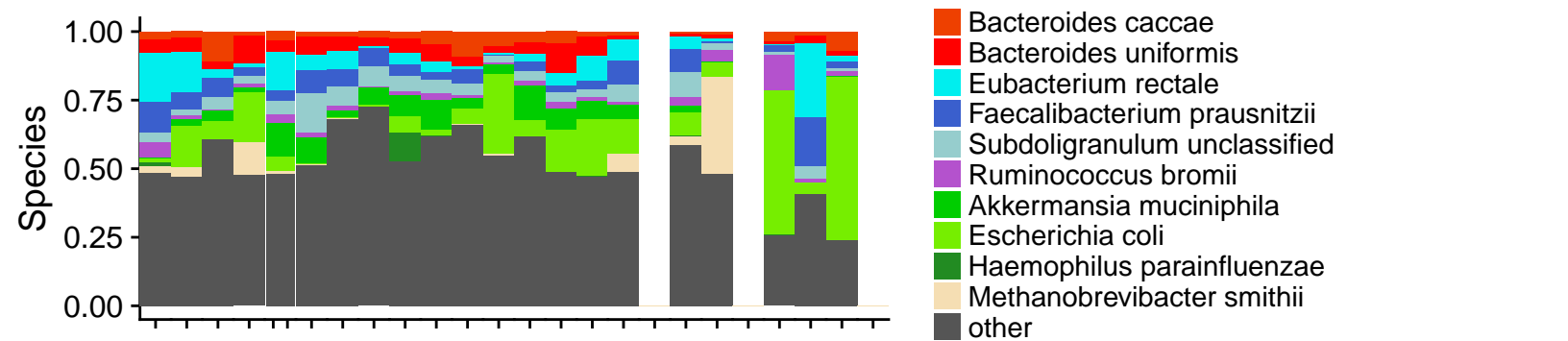
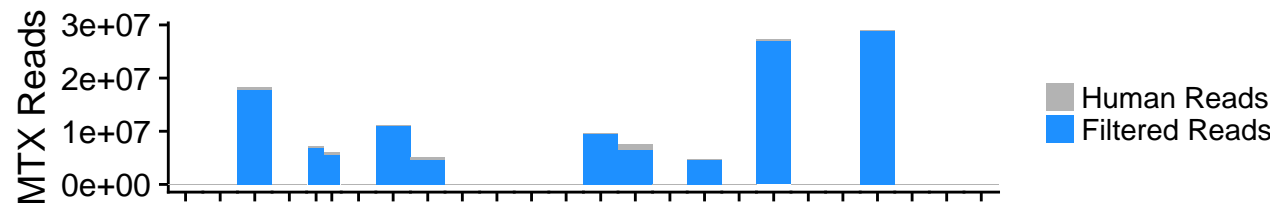
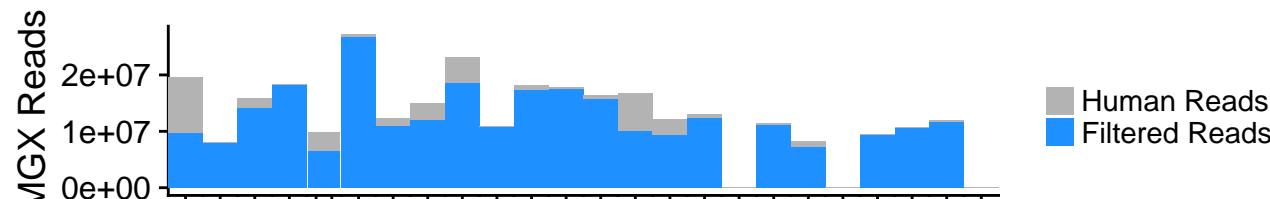
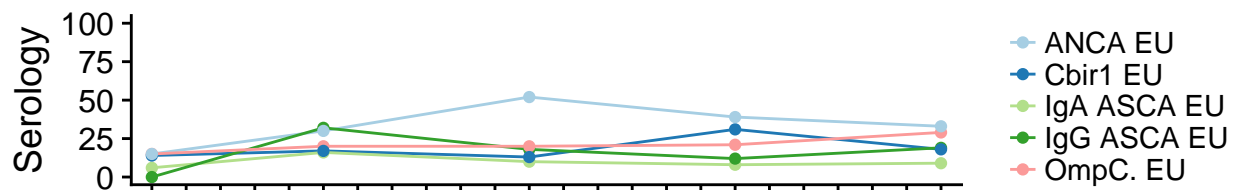
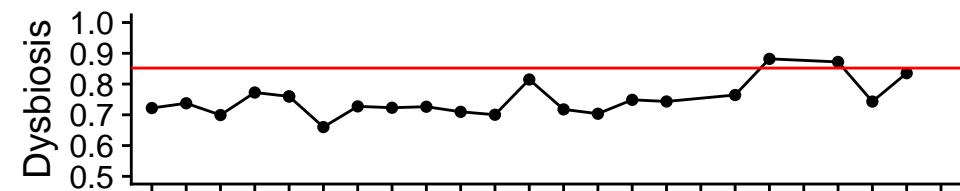
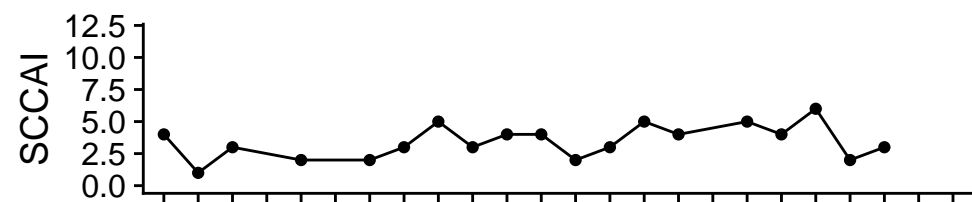
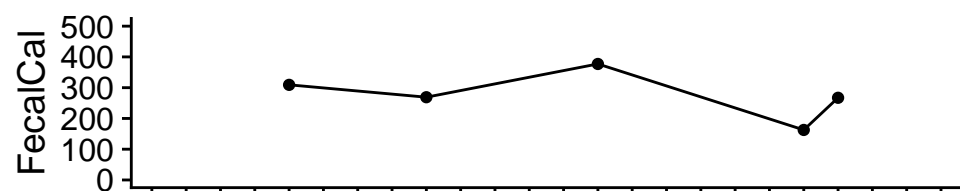
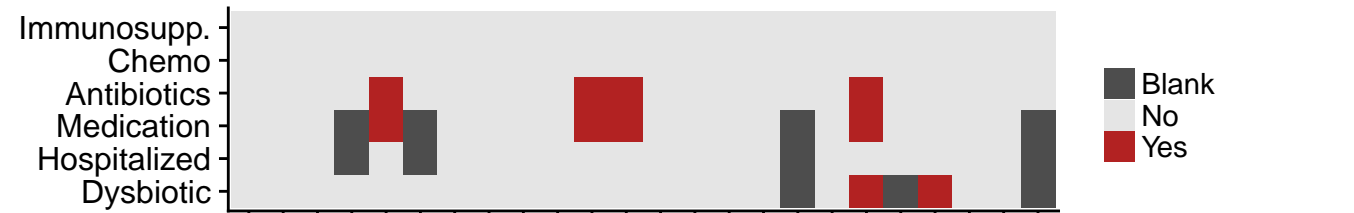
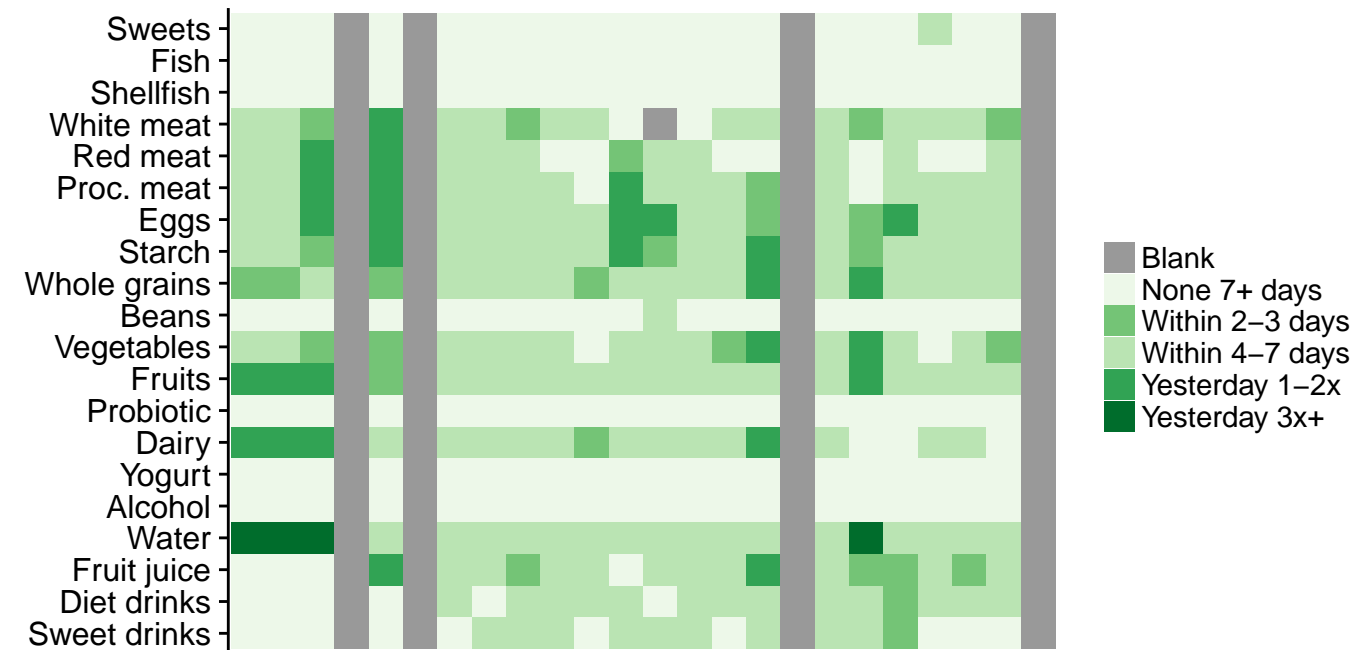


2-deoxyadenosine
3-methylglutaconate
4-hydroxy-3-methylacetophenone
C18:0 CE
isoleucine
L-urobilin
leucine
methylimidazole acetic acid
phenylalanine
valerate/isovalerate

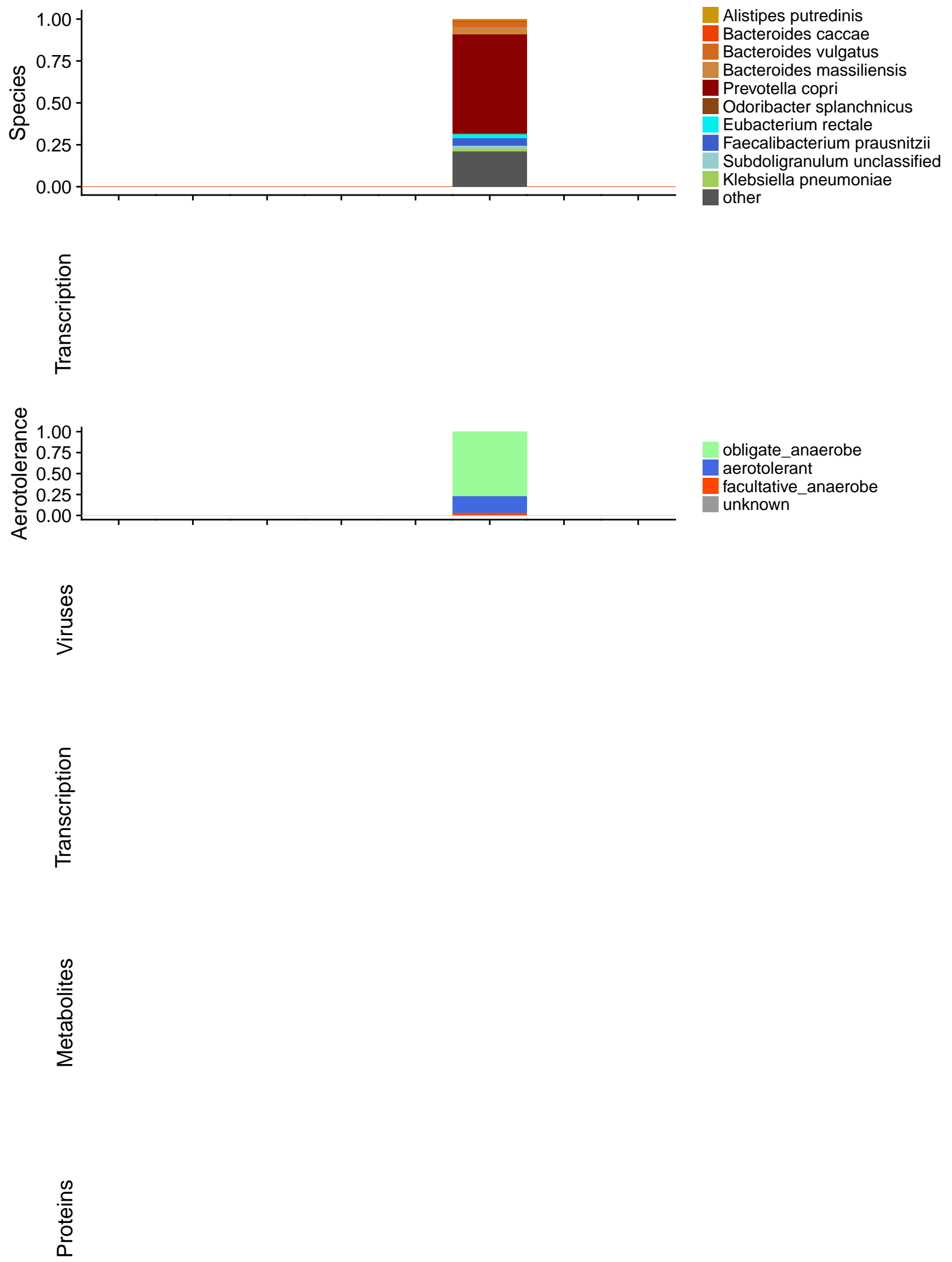
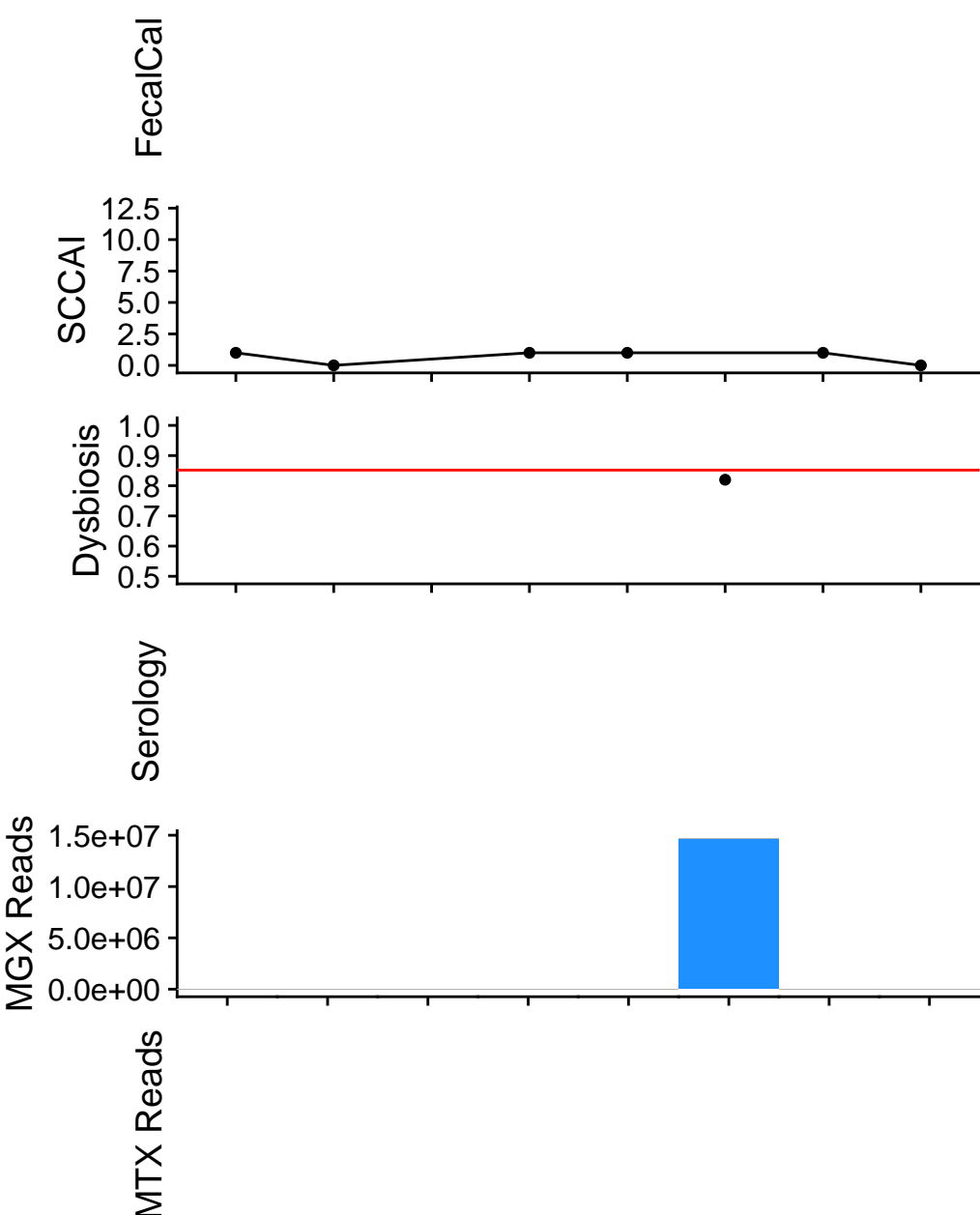
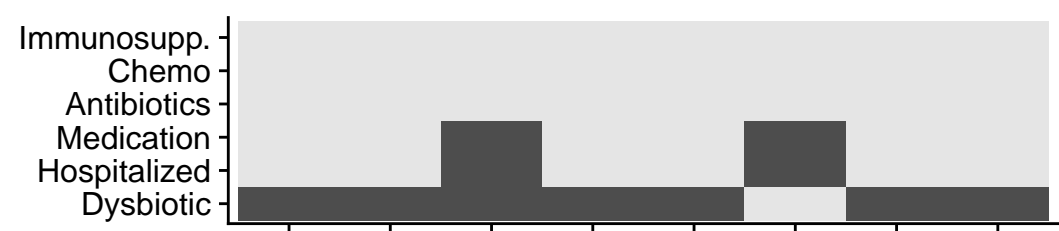
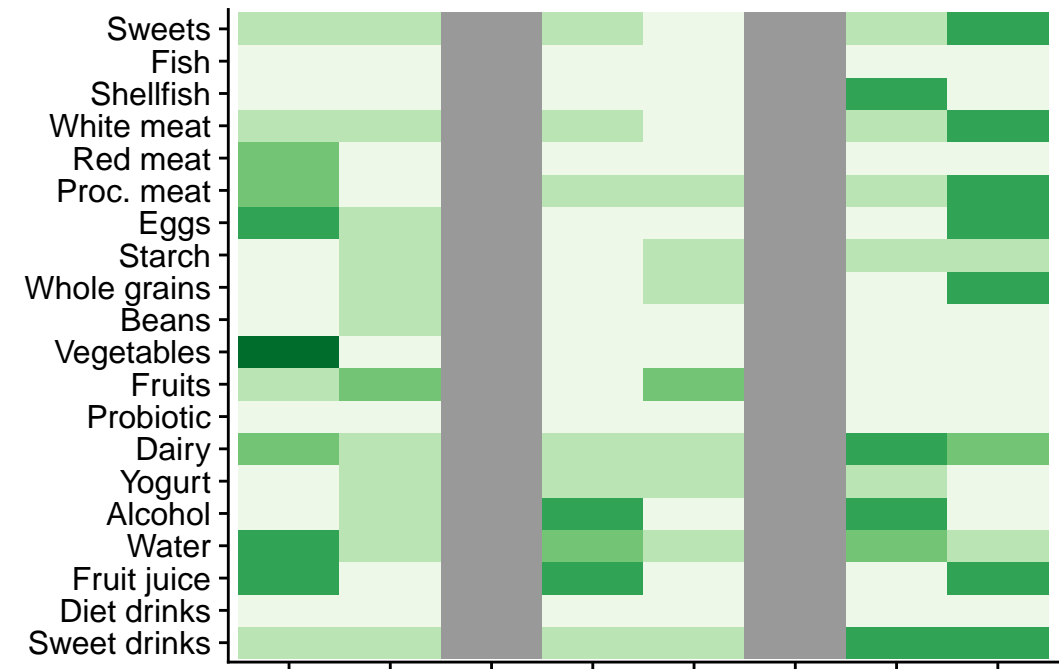


K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01805: xylose isomerase [EC:5.3.1.5]
K02358: elongation factor EF-Tu
K02878: large subunit ribosomal protein L16
K02950: small subunit ribosomal protein S12
K04043: molecular chaperone DnaK
K04077: chaperonin GroEL
K09475: outer membrane pore protein C
UNGROUPED

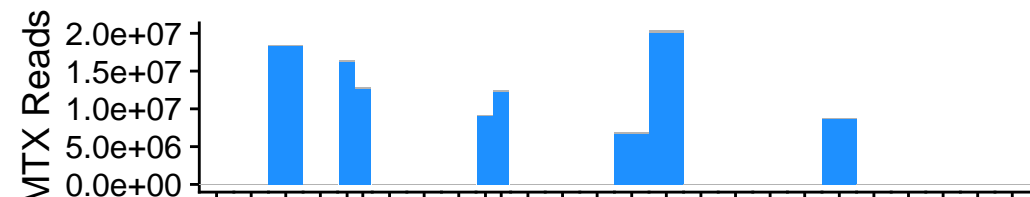
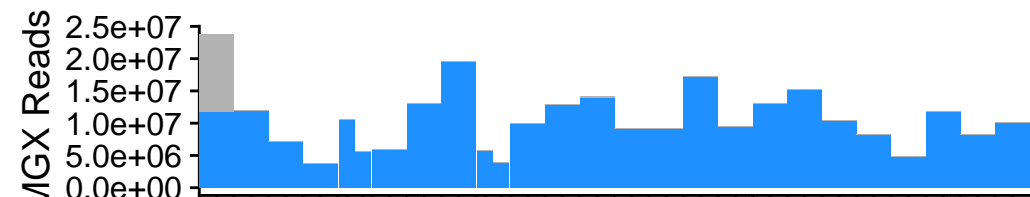
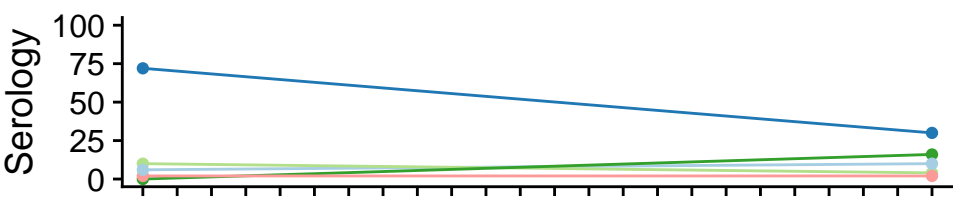
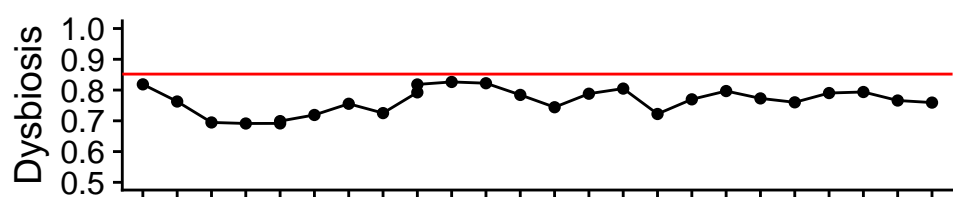
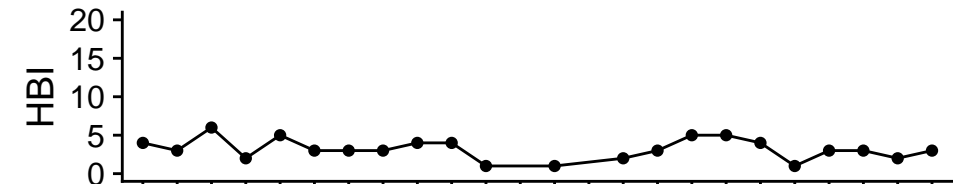
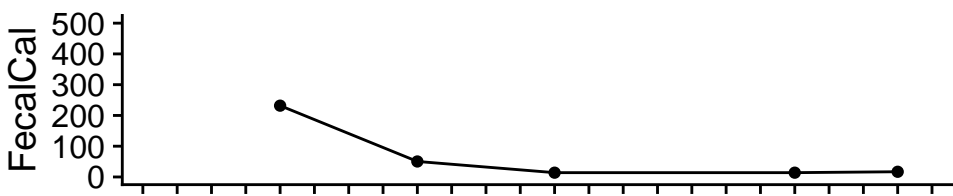
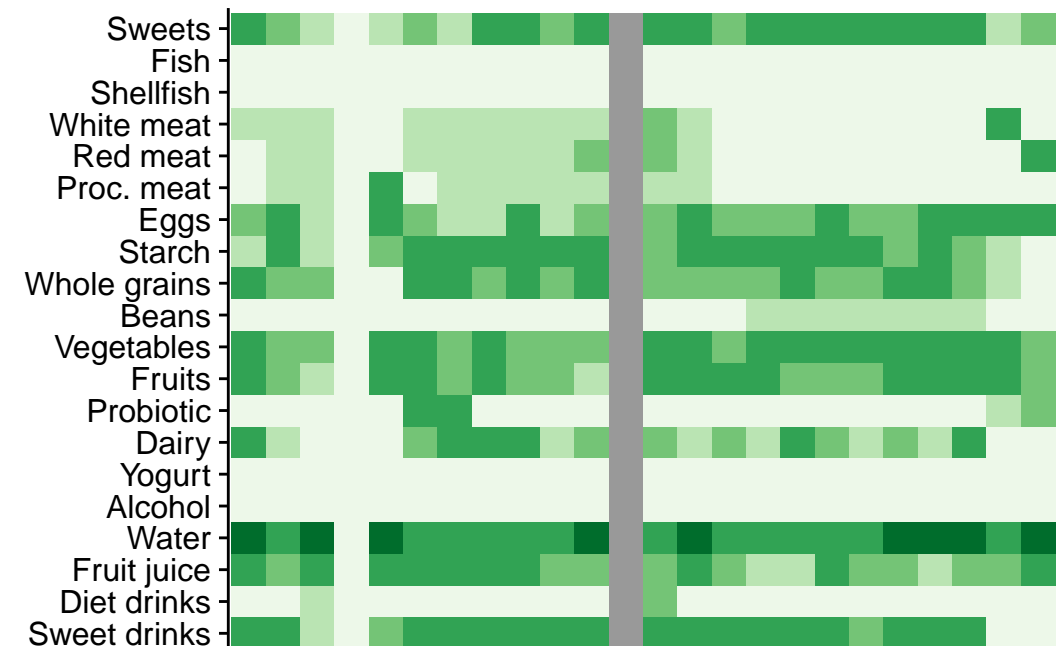
M2064: 74 Male More than one race MGH | UC



M2067: 35 Male Other MGH | UC



M2068: 19 Female White MGH | CD L1



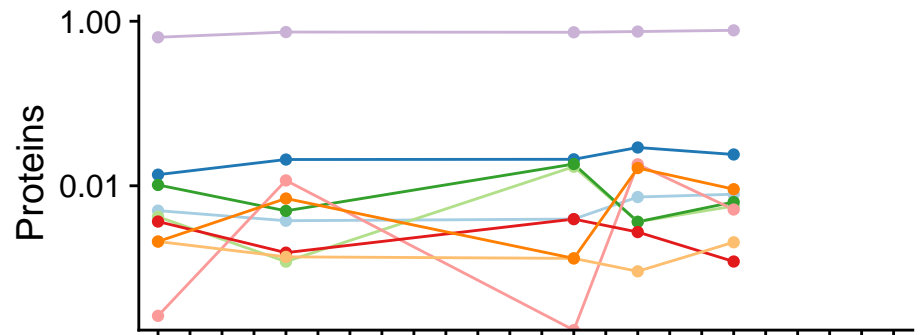
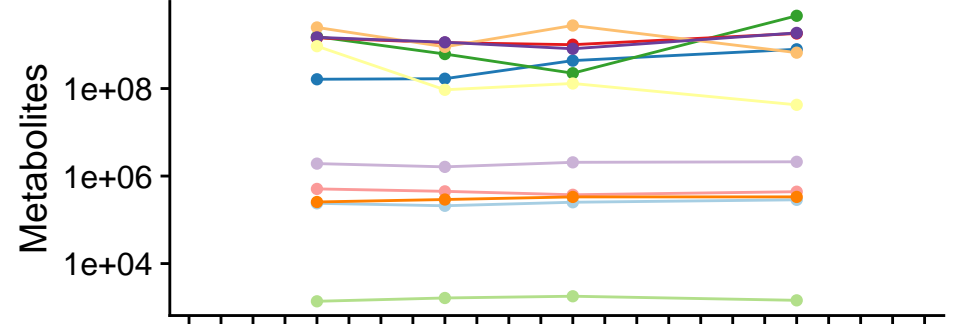
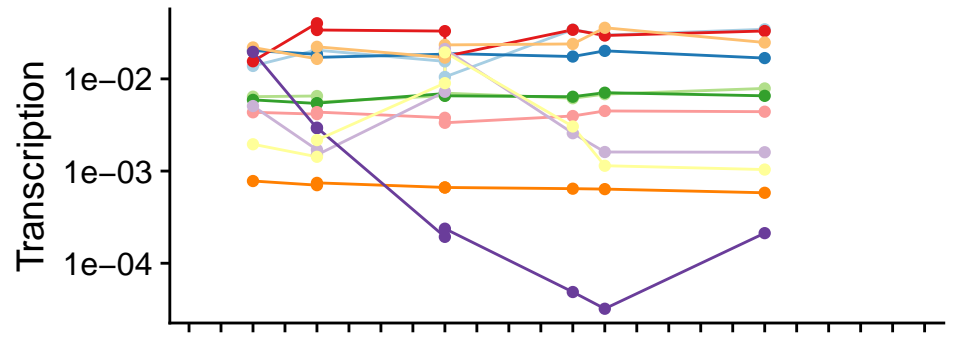
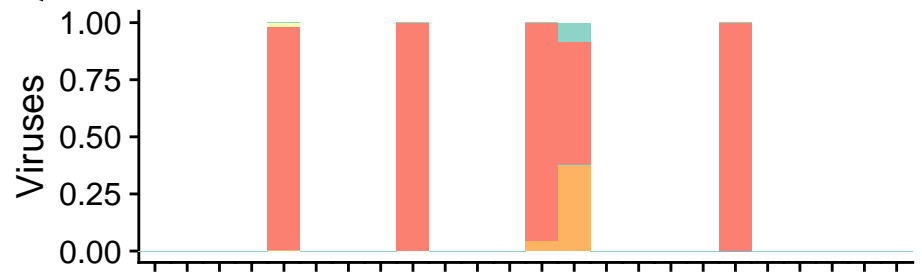
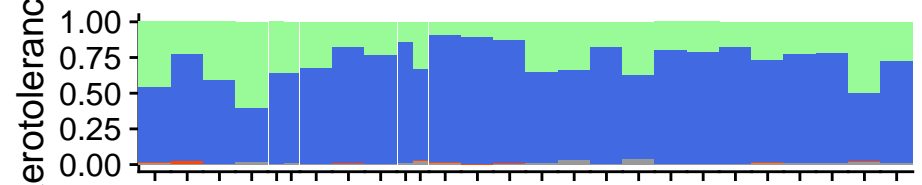
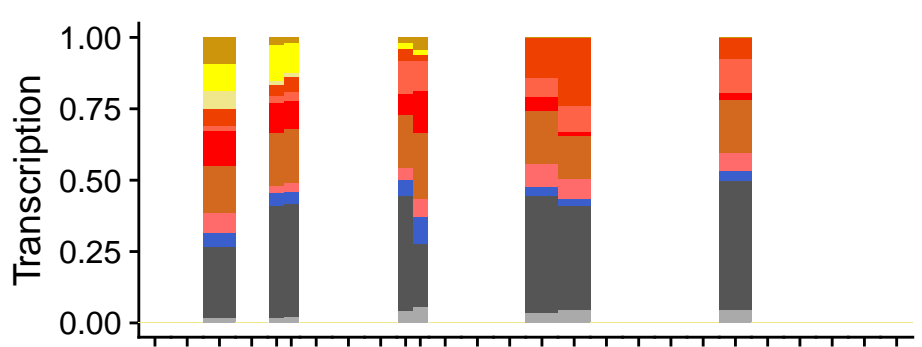
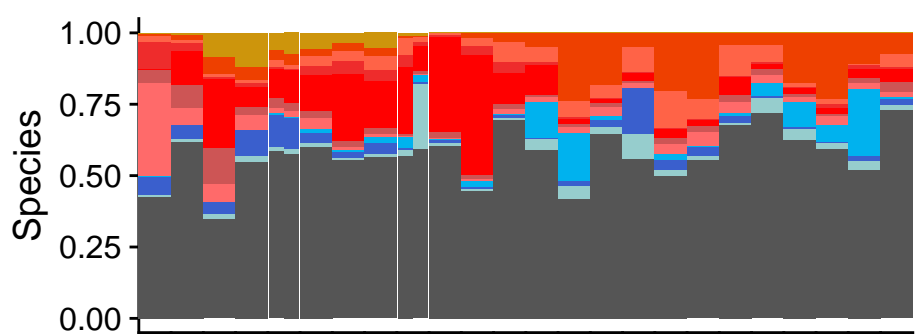
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Alistipes putredinis
Bacteroides caccae
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides uniformis
Parabacteroides merdae
Parabacteroides distasonis
Eubacterium siraeum
Faecalibacterium prausnitzii
Subdoligranulum unclassified
other

Alistipes putredinis
Alistipes shahii
Alistipes finegoldii
Bacteroides caccae
Bacteroides ovatus
Bacteroides uniformis
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

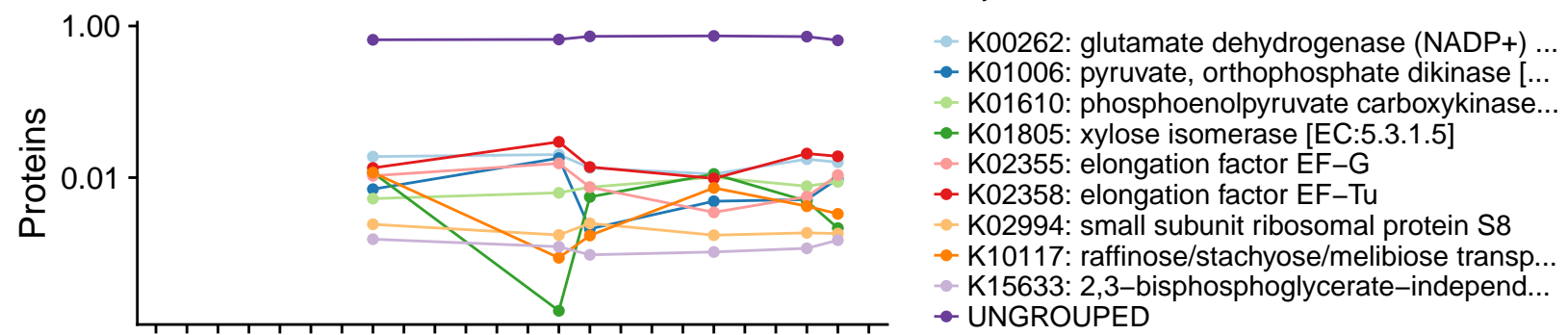
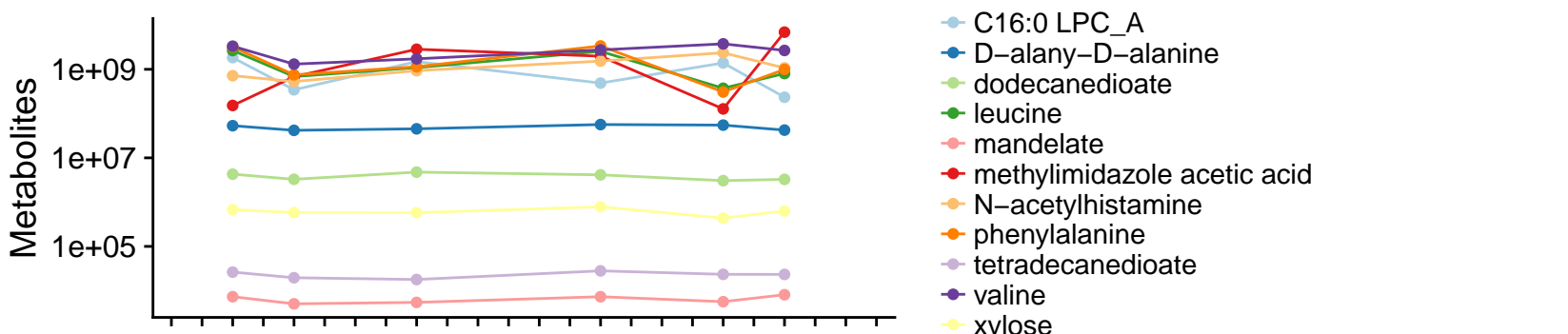
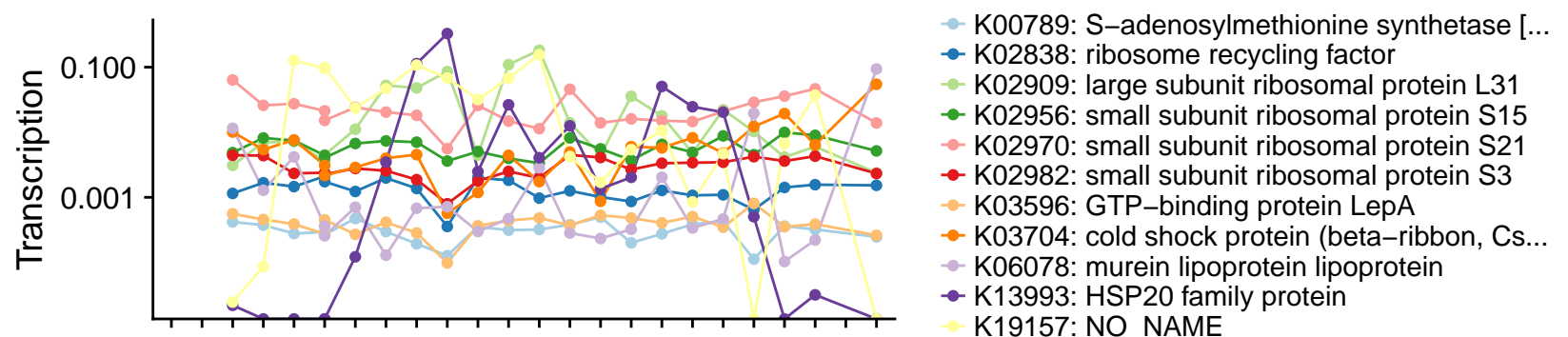
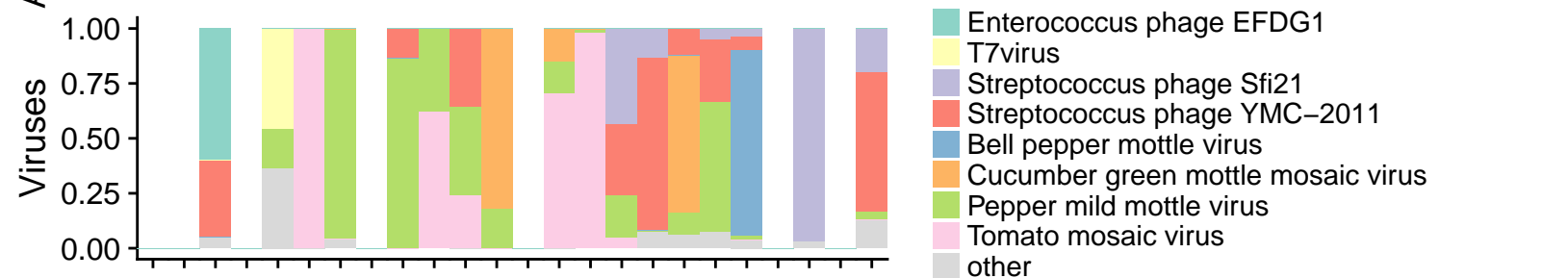
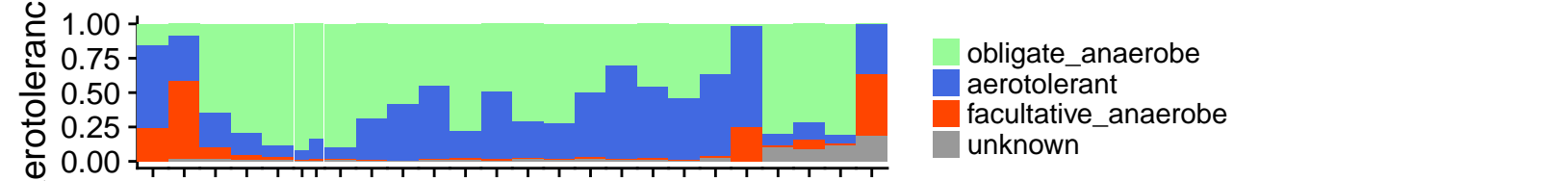
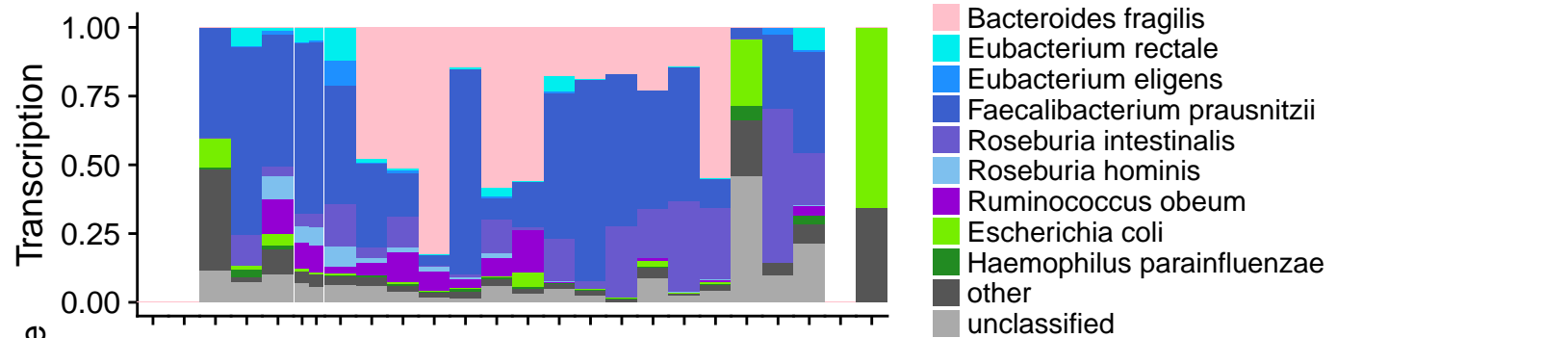
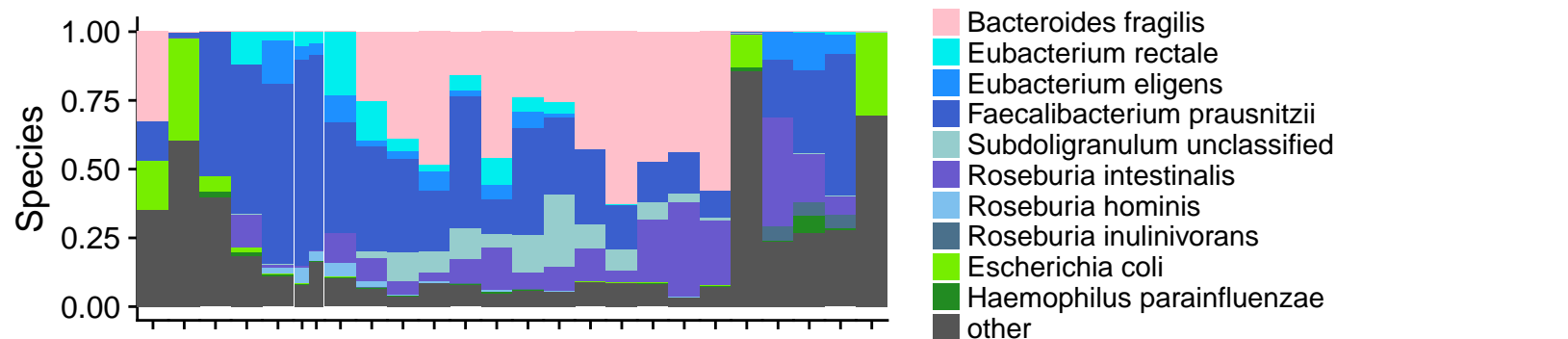
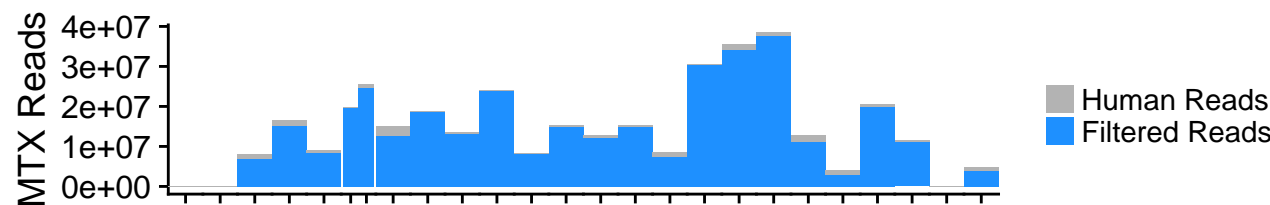
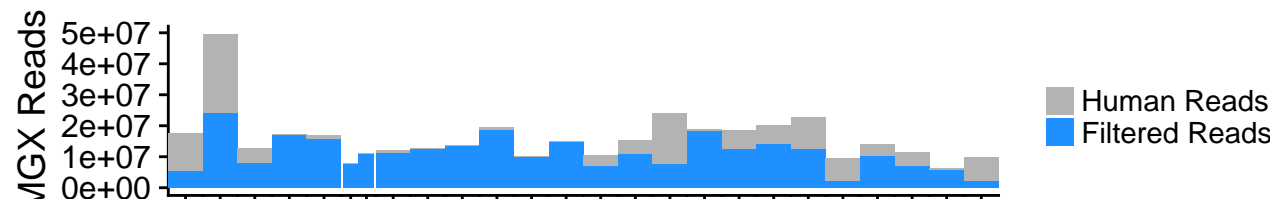
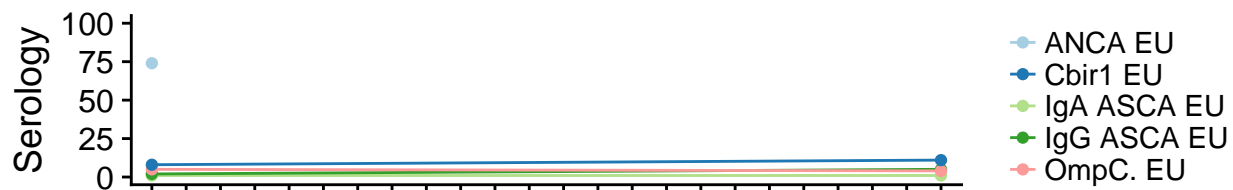
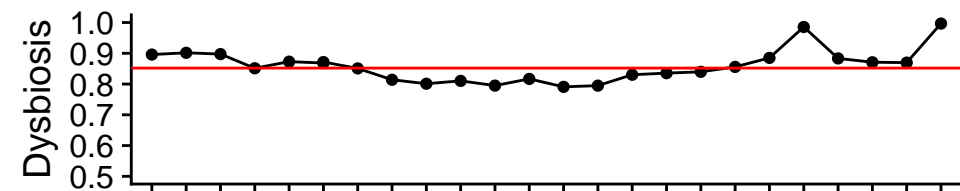
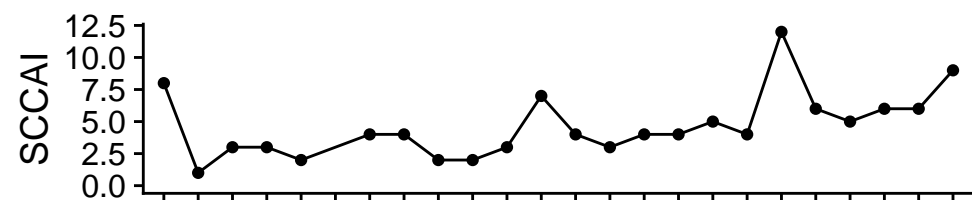
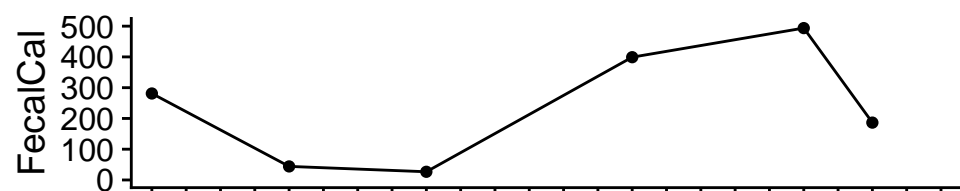
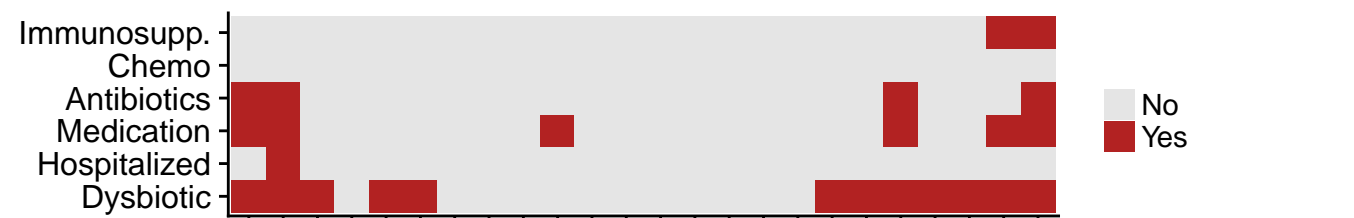
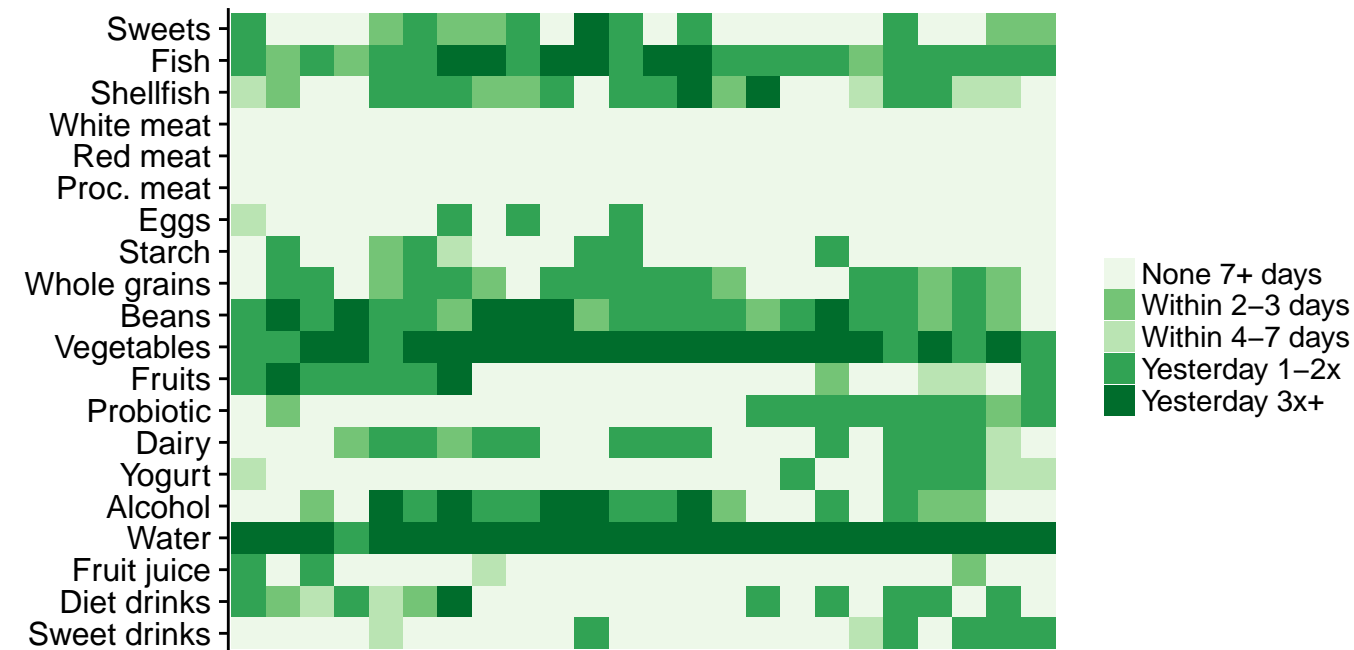
unclassified C2likevirus
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Melon necrotic spot virus
Pepper mild mottle virus

K02078: acyl carrier protein
K02358: elongation factor EF-Tu
K02867: large subunit ribosomal protein L11
K02878: large subunit ribosomal protein L16
K02906: large subunit ribosomal protein L3
K02968: small subunit ribosomal protein S20
K03088: RNA polymerase sigma-70 factor, E...
K03544: ATP-dependent Clp protease ATP-...
K03561: biopolymer transport protein ExbB
K07483: transposase
K11065: thiol peroxidase, atypical 2-Cys per...

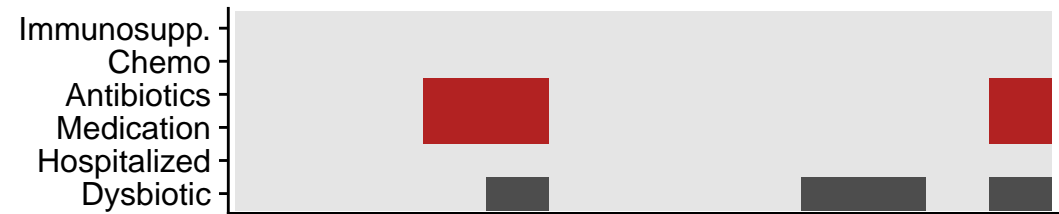
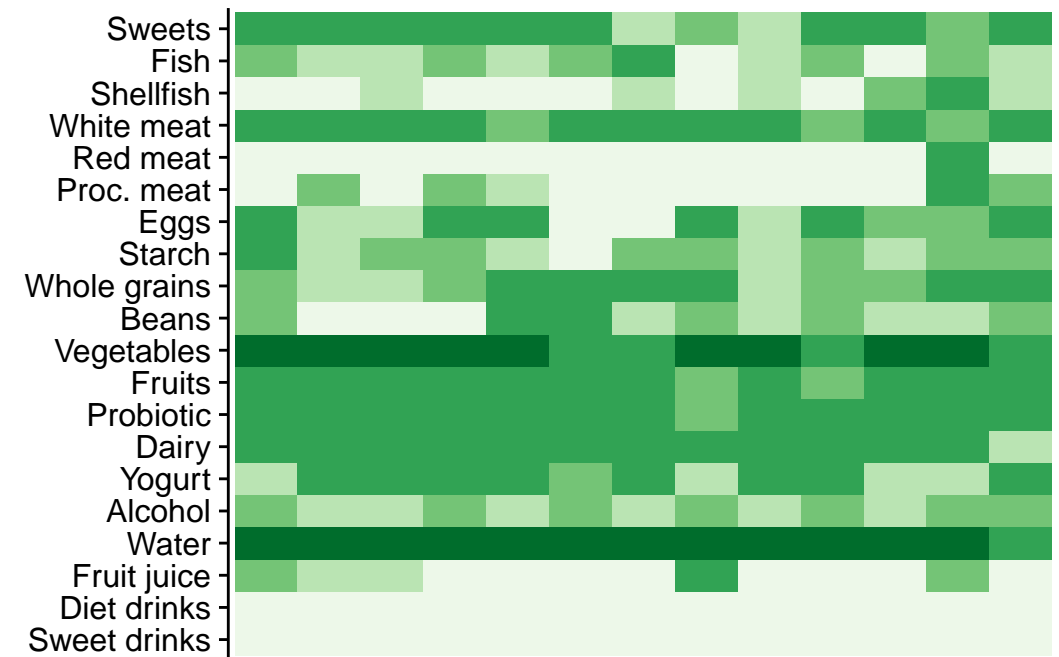
1,2,4-trimethylbenzene
2-deoxyadenosine
3-hydroxyoctanoate
L-urobilin
lactate
leucine
methylimidazole acetic acid
N1-methyl-2-pyridone-5-carboxamide
oxalate
phenylalanine
sphingosine C

K00024: malate dehydrogenase [EC:1.1.1.37]
K00262: glutamate dehydrogenase (NADP+) ...
K00626: acetyl-CoA C-acetyltransferase [E...
K01006: pyruvate, orthophosphate dikinase [...
K01805: xylose isomerase [EC:5.3.1.5]
K02867: large subunit ribosomal protein L11
K04078: chaperonin GroES
K10117: raffinose/stachyose/melibiose transp...

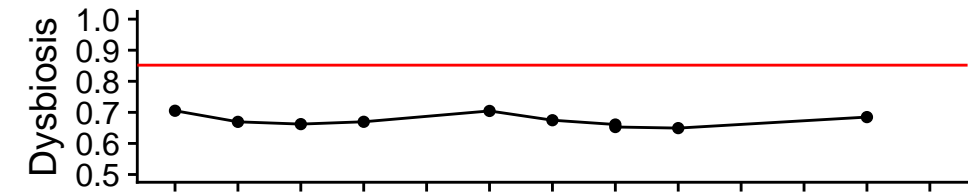
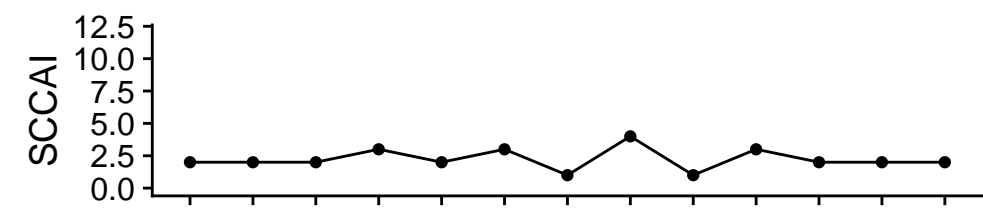
M2069: 29 Female White MGH | UC



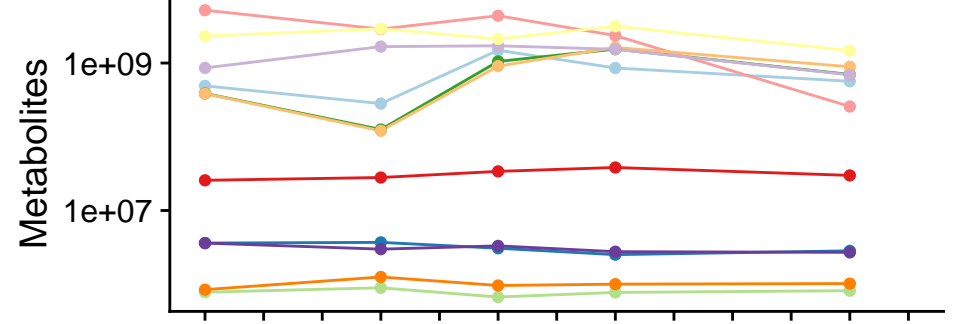
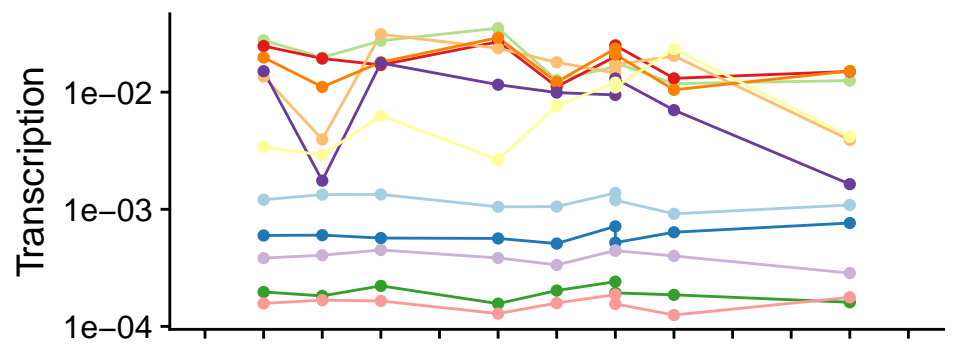
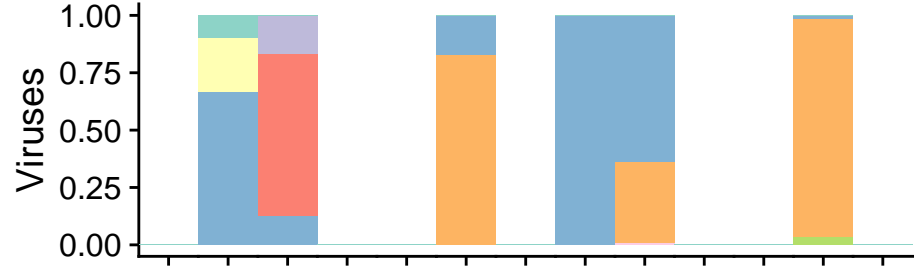
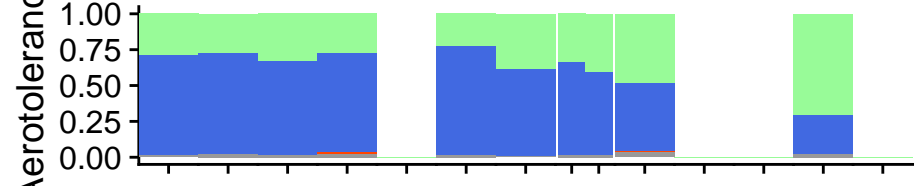
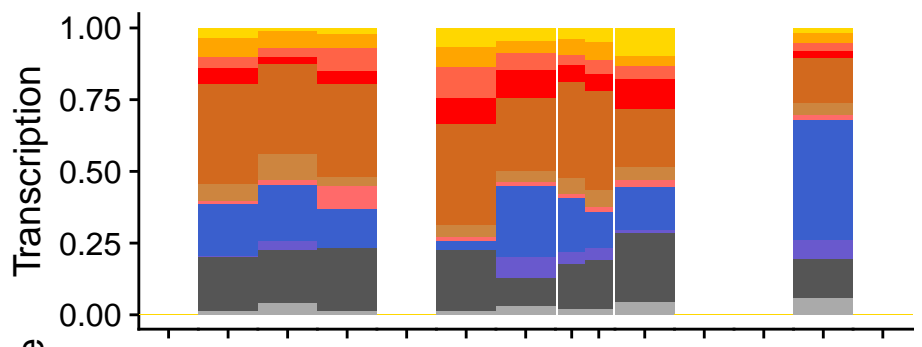
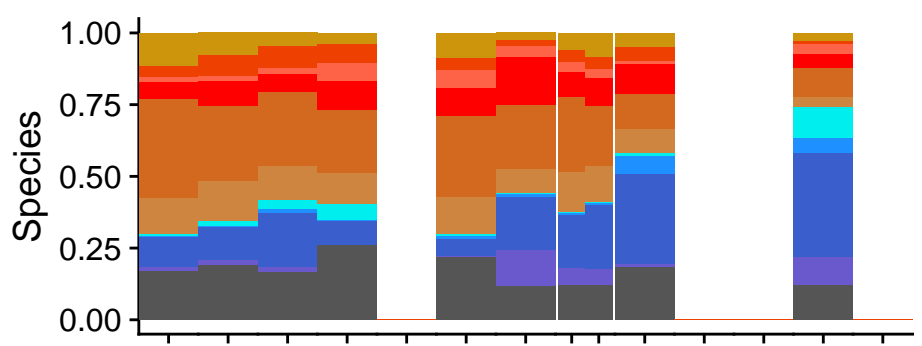
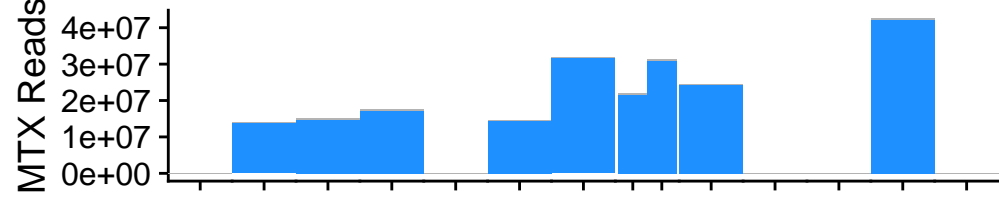
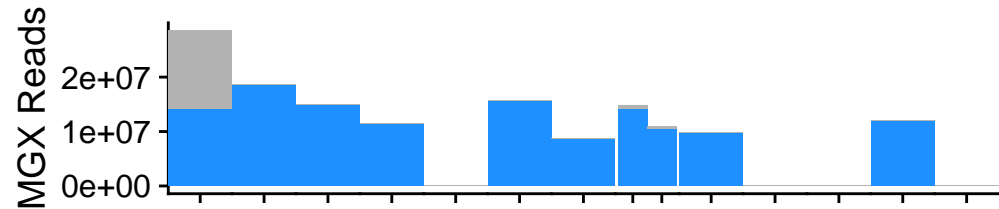
M2071: 26 Female White MGH | UC



FecalCal



Serology



Proteins

- Alistipes putredinis
- Bacteroides caccae
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides massiliensis
- Eubacterium rectale
- Eubacterium eligens
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- other

- Alistipes onderdonkii
- Bacteroides dorei
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Bacteroides massiliensis
- Parabacteroides distasonis
- Faecalibacterium prausnitzii
- Roseburia intestinalis
- other
- unclassified

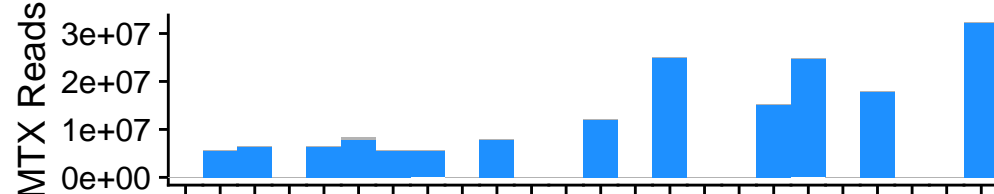
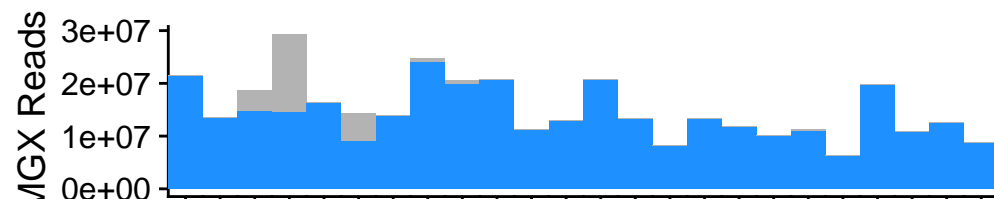
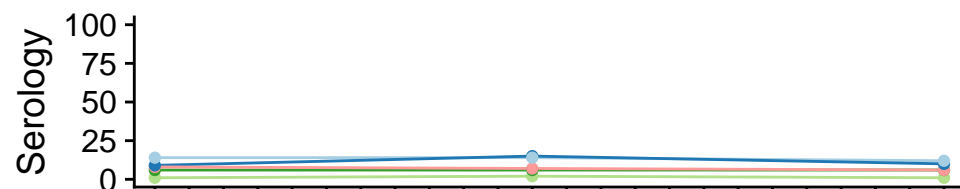
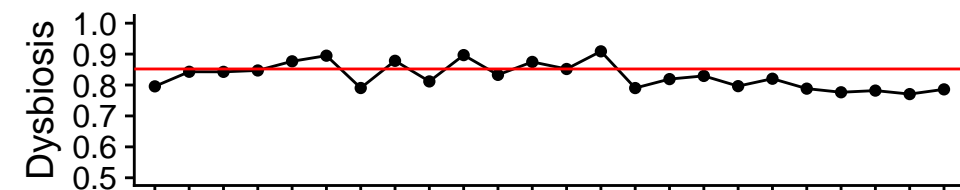
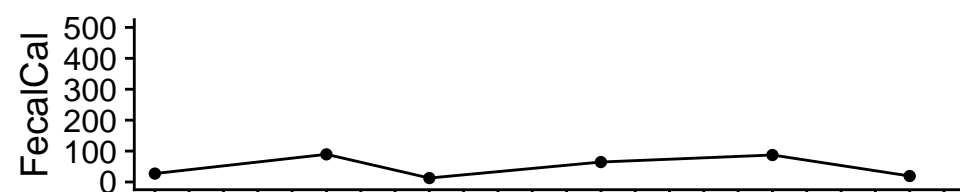
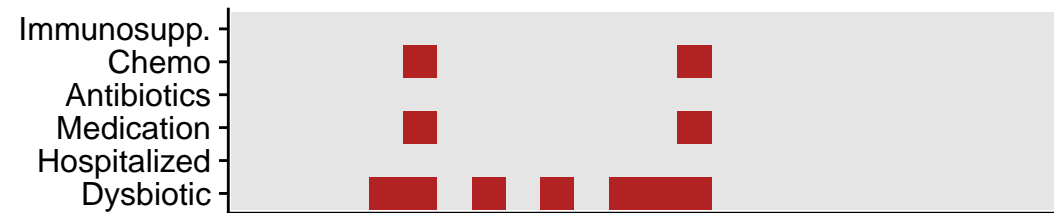
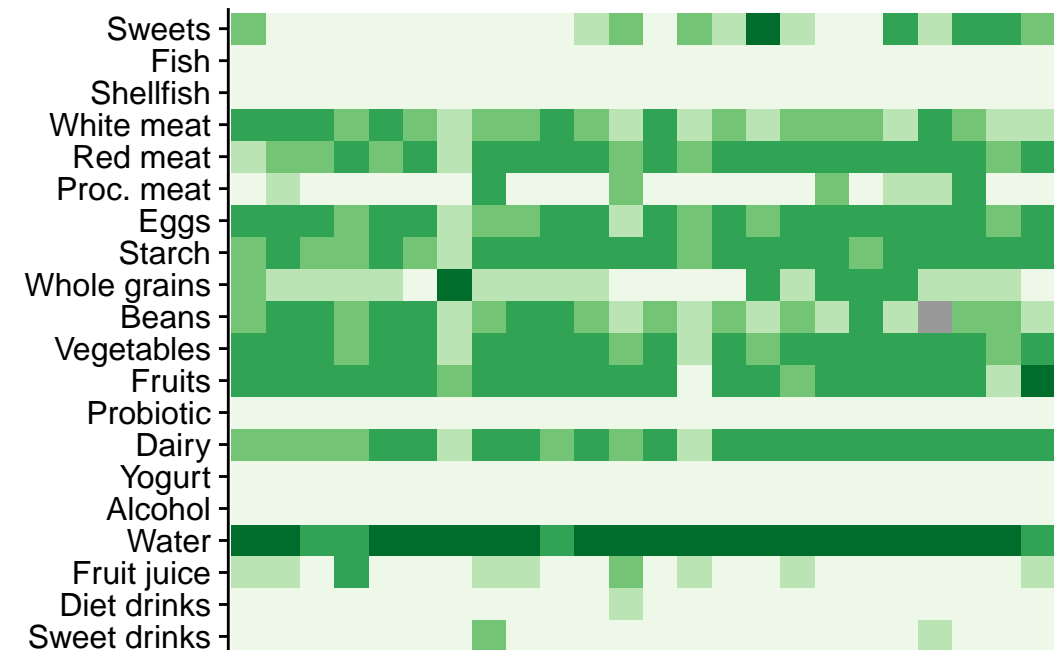
- obligate_anaeobe
- aerotolerant
- facultative_anaeobe
- unknown

- Human mastadenovirus A
- Podoviridae
- Streptococcus phage DT1
- Lactococcus phage 936 sensu lato
- Gokushovirus WZ-2015a
- Pepper mild mottle virus
- Wasabi mottle virus
- other

- K00600: glycine hydroxymethyltransferase [E...]
- K01710: dTDP-glucose 4,6-dehydratase [E...]
- K02078: acyl carrier protein
- K02687: ribosomal protein L11 methyltransfer...
- K02837: peptide chain release factor RF-3
- K02911: large subunit ribosomal protein L32
- K03088: RNA polymerase sigma-70 factor, E...
- K03530: DNA-binding protein HU-beta
- K03596: GTP-binding protein LepA
- K12343: 3-oxo-5-alpha-steroid 4-dehydrog...
- K19157: NO_NAME

- 2-deoxyadenosine
- C18:0 LPC
- C36:0 DAG
- leucine
- methylimidazole acetic acid
- N1-acetylspermidine
- phenylalanine
- propionate
- spermidine
- uridine
- valine

M2072: 51 Male White MGH | nonIBD



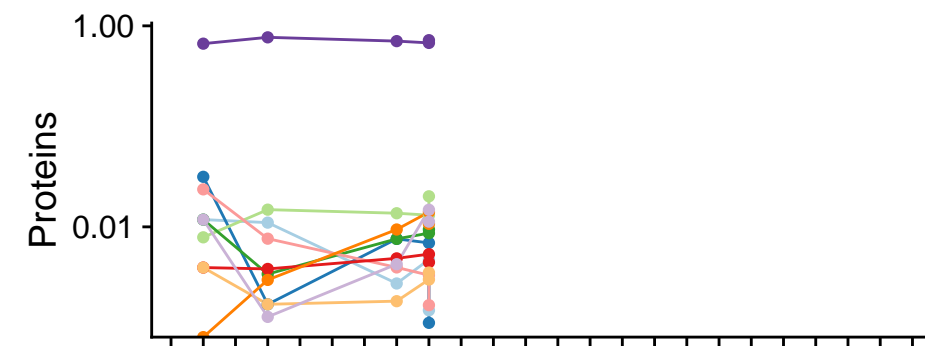
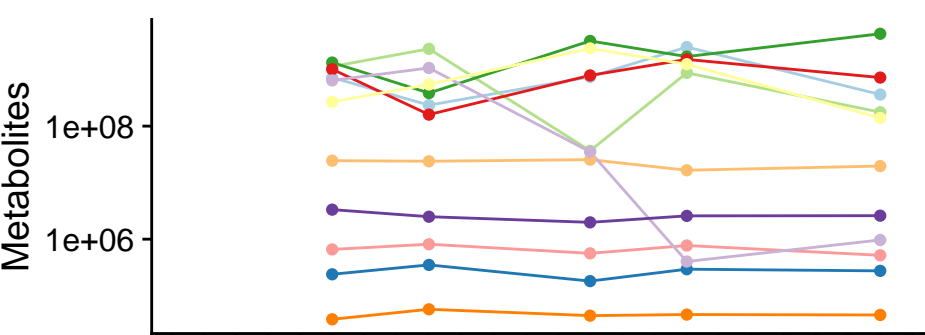
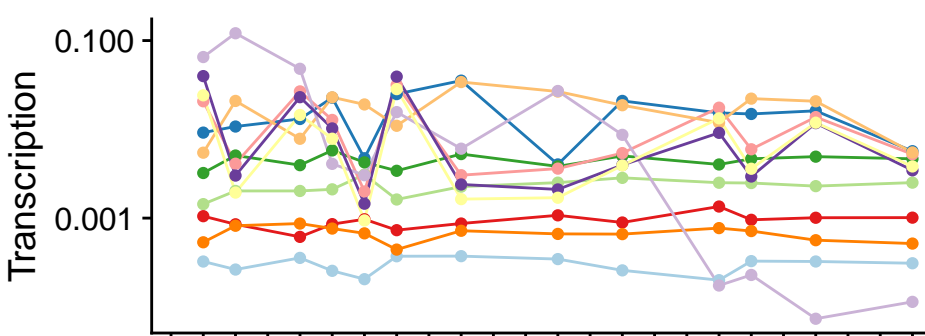
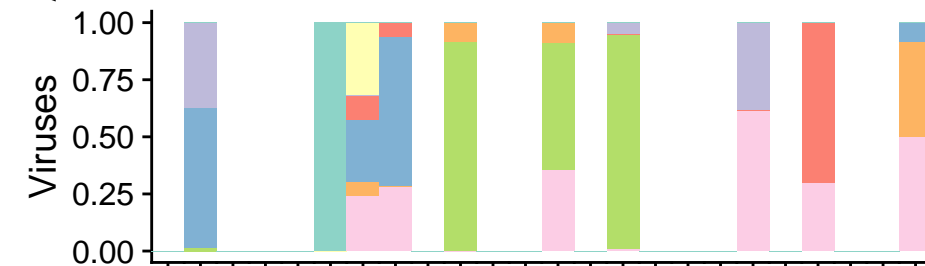
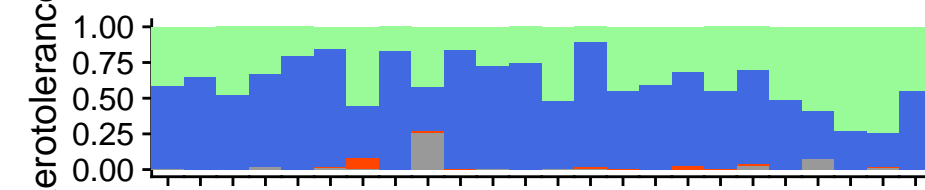
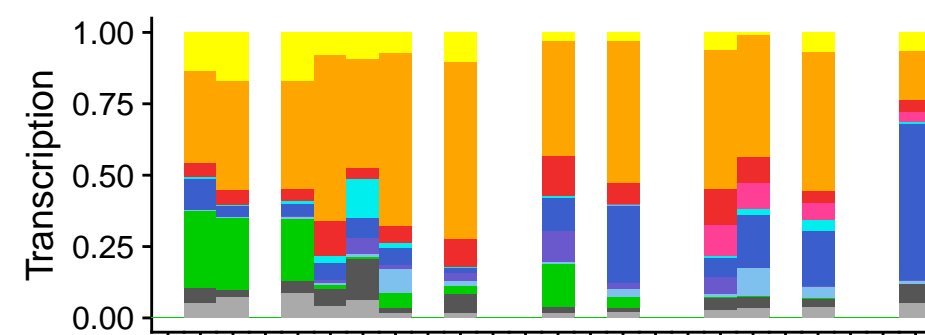
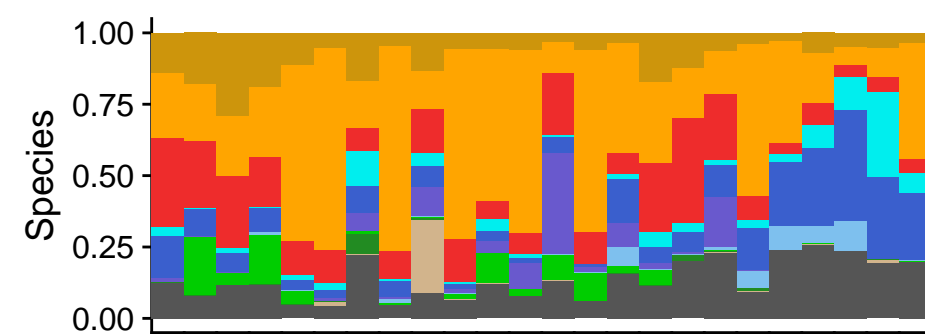
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

No
Yes

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

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Alistipes putredinis
Bacteroides dorei
Bacteroides thetaiotaomicron
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Akkermansia muciniphila
Haemophilus parainfluenzae
C2likevirus unclassified
other

Alistipes shahii
Bacteroides dorei
Bacteroides thetaiotaomicron
Bacteroides xylanisolvens
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Akkermansia muciniphila
other
unclassified

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

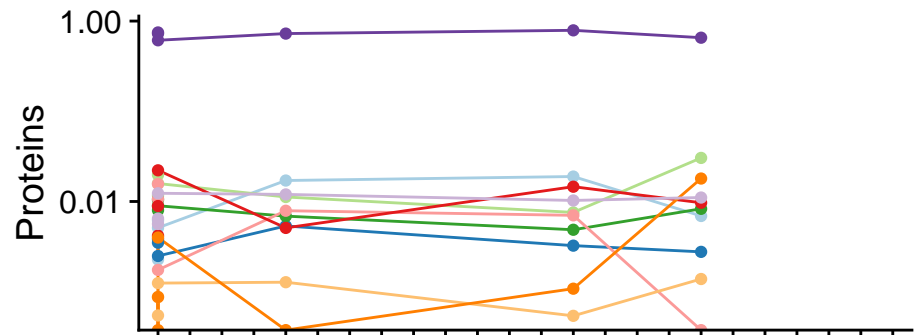
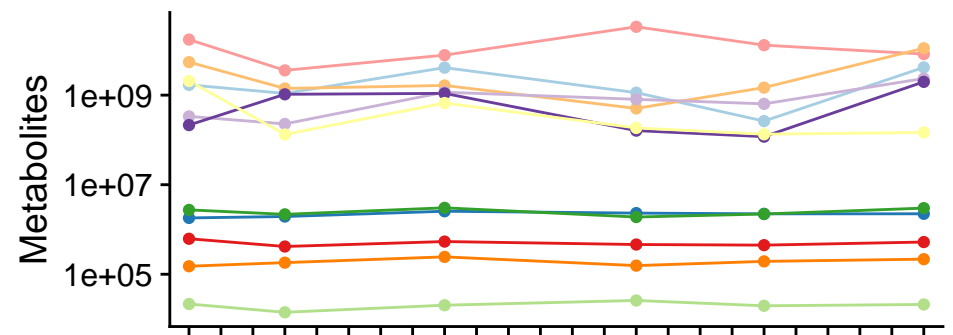
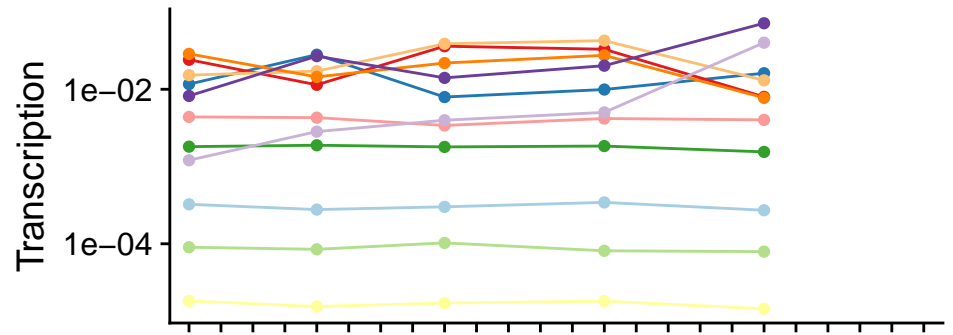
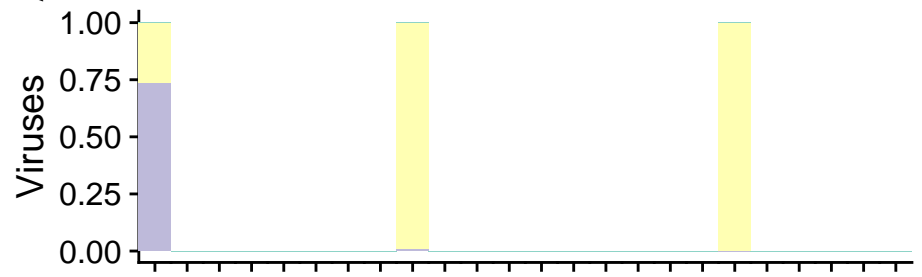
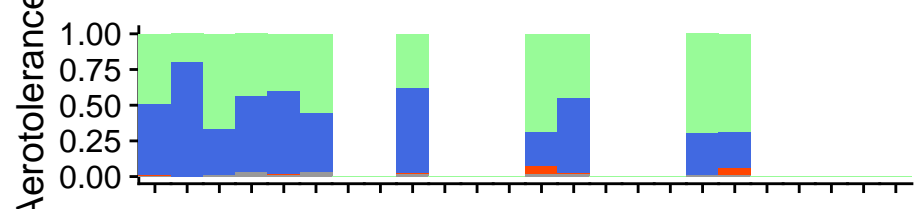
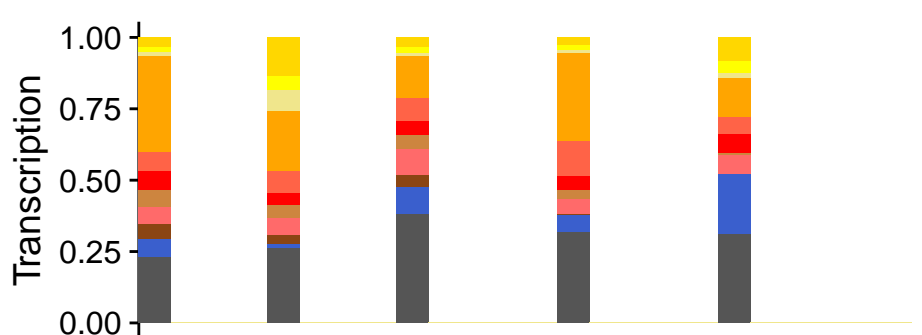
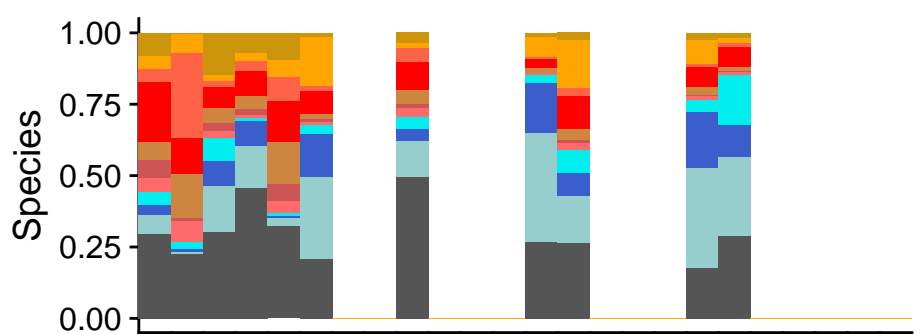
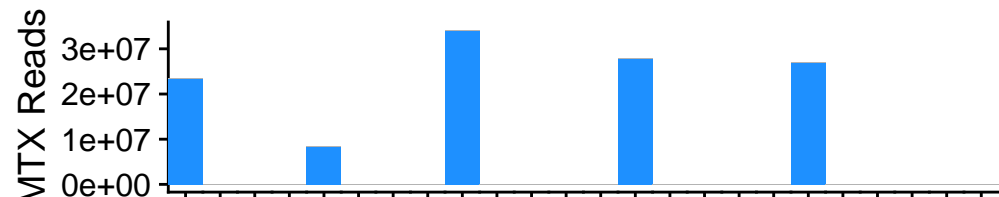
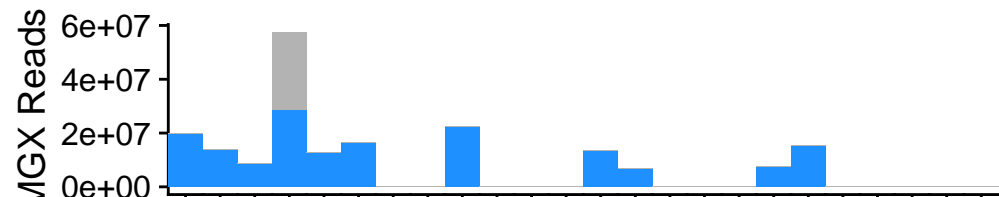
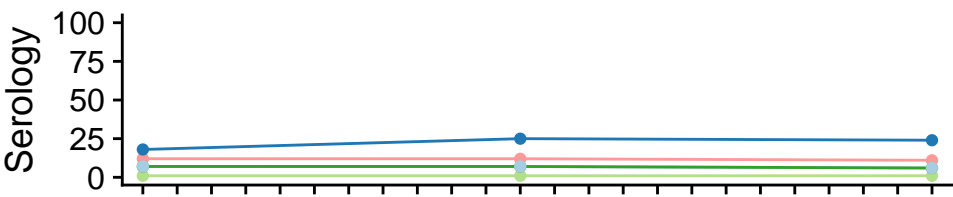
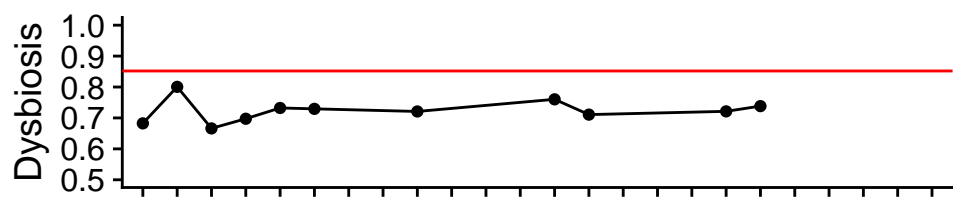
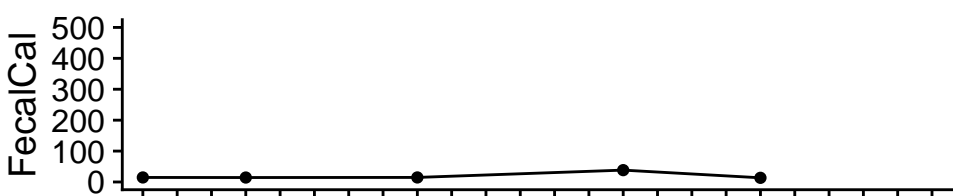
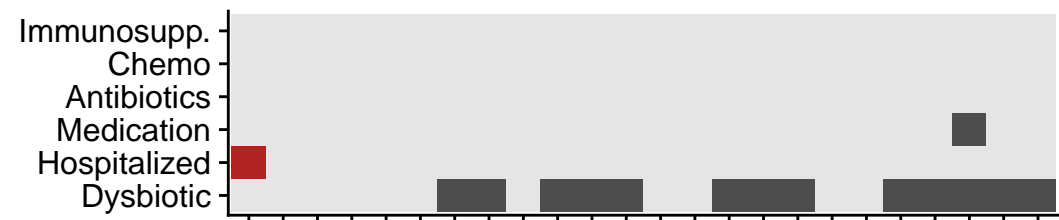
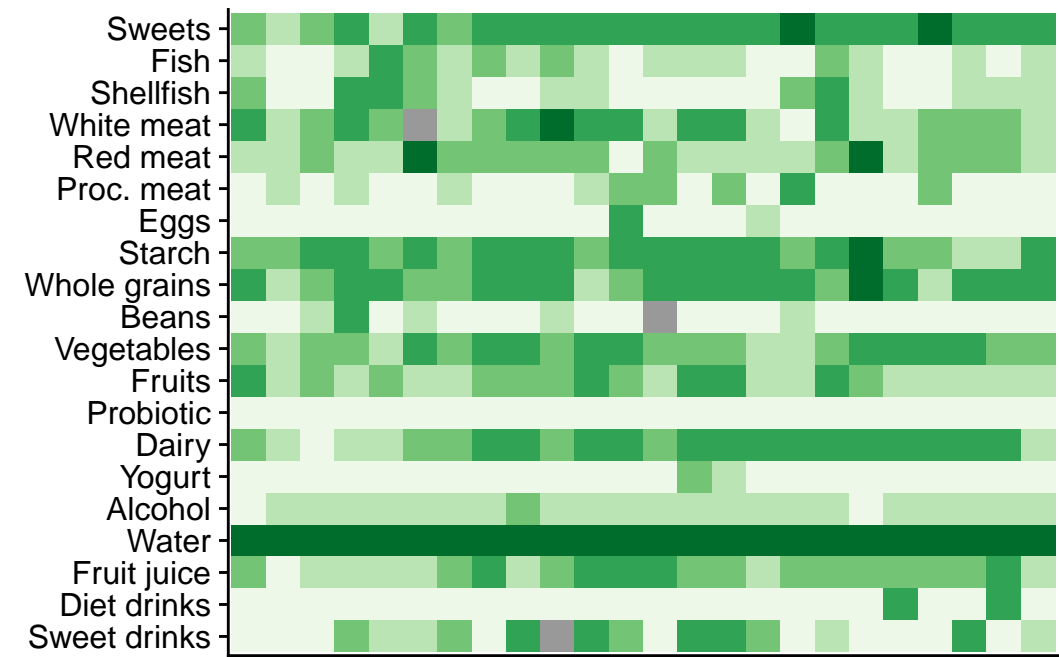
unclassified C2likevirus
Sk1virus
Lactococcus phage 936 sensu lato
unclassified Siphoviridae
Gokushovirus WZ-2015a
Pepper mild mottle virus
Tomato mosaic virus
other

K00014: shikimate dehydrogenase [EC:1.1.1....
K00024: malate dehydrogenase [EC:1.1.1.37]
K00850: 6-phosphofructokinase 1 [EC:2.7.1....
K01624: fructose-bisphosphate aldolase, cla...
K01689: enolase [EC:4.2.1.11]
K01835: phosphoglucomutase [EC:5.4.2.2]
K03530: DNA-binding protein HU-beta
K03797: carboxyl-terminal processing protea...
K04069: pyruvate formate lyase activating en...
K06975: NO_NAME
K07078: NO_NAME

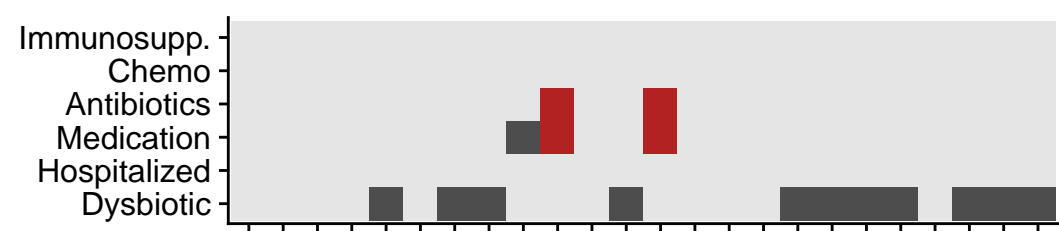
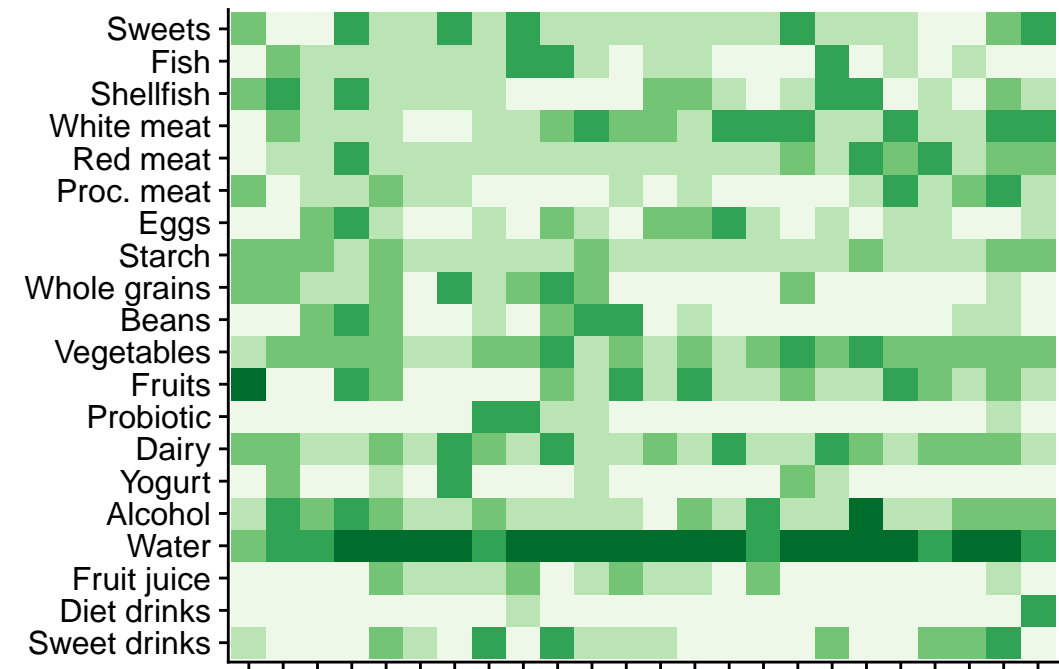
2-deoxyadenosine
3-hydroxymethylglutarate
C16:0 LPC_A
L-urobilin
lactate
leucine
lithocholate
N-carbamoyl-beta-alanine
NH4_C36:2 DAG
pipecolic acid
sphingosine C

K00024: malate dehydrogenase [EC:1.1.1.37]
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01006: pyruvate, orthophosphate dikinase [...
K01803: triosephosphate isomerase (TIM) [E...
K02355: elongation factor EF-G
K02357: elongation factor EF-Ts
K02358: elongation factor EF-Tu
K04077: chaperonin GroEL
UNGROUPED

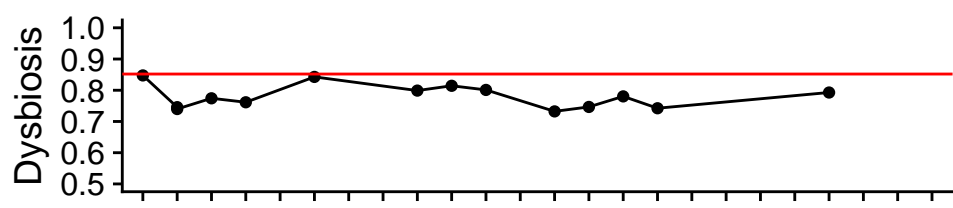
M2075: 61 Male White MGH | nonIBD



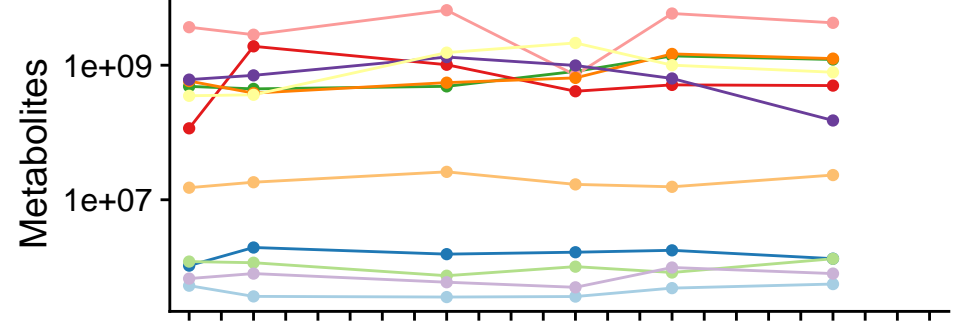
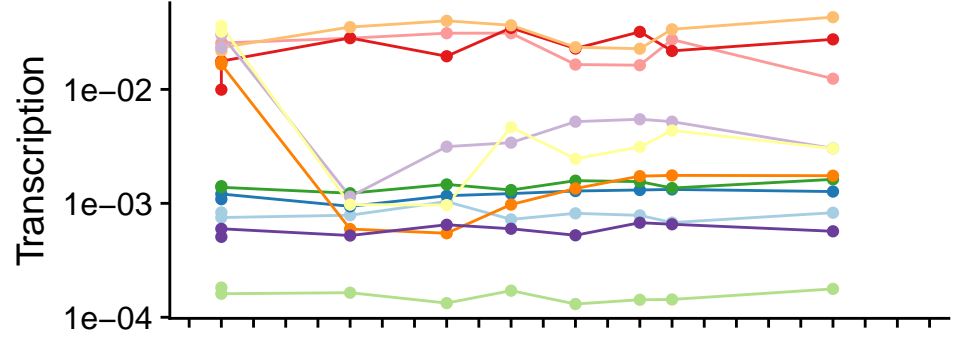
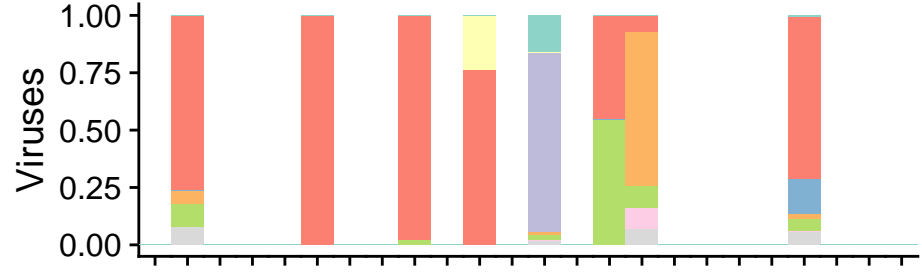
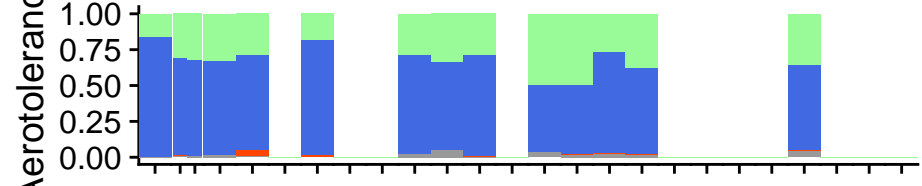
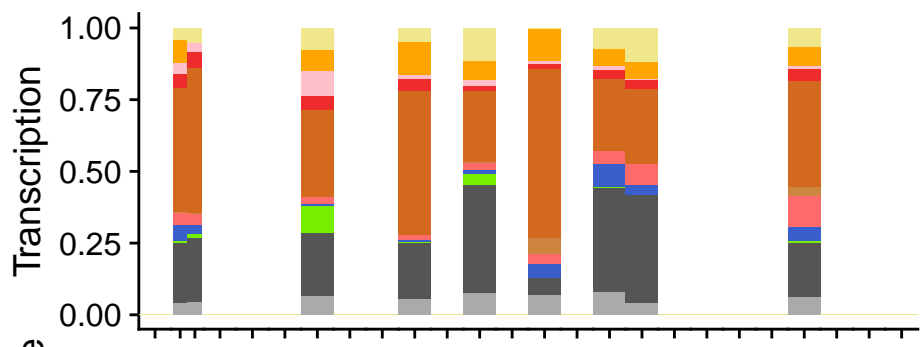
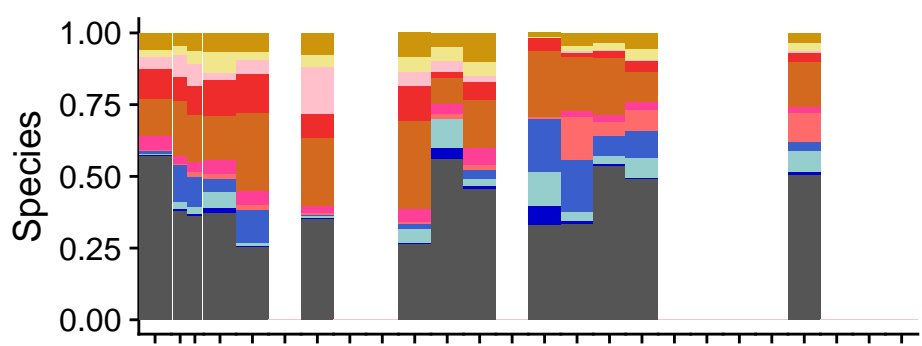
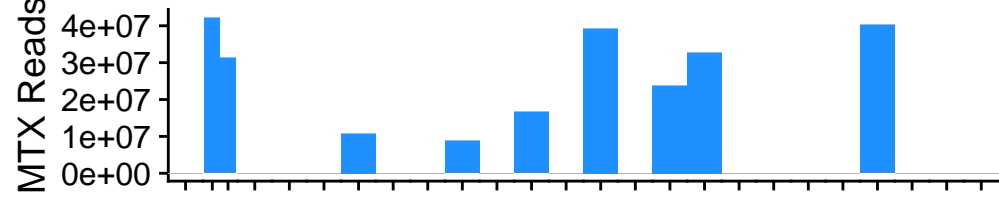
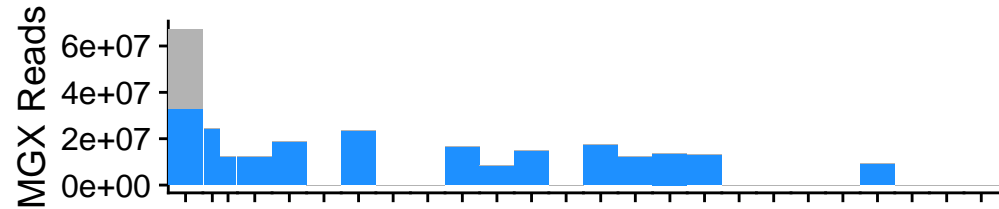
M2077: 32 Female White MGH | nonIBD



FecalCal

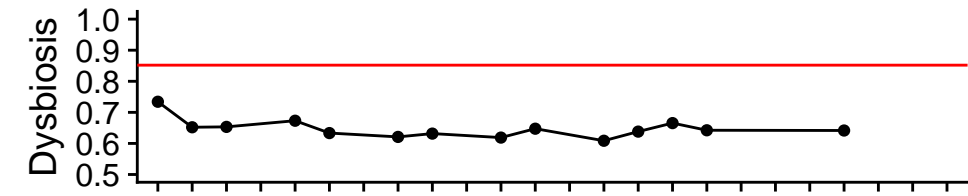
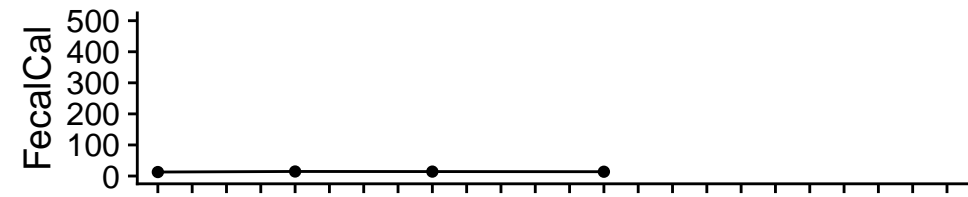
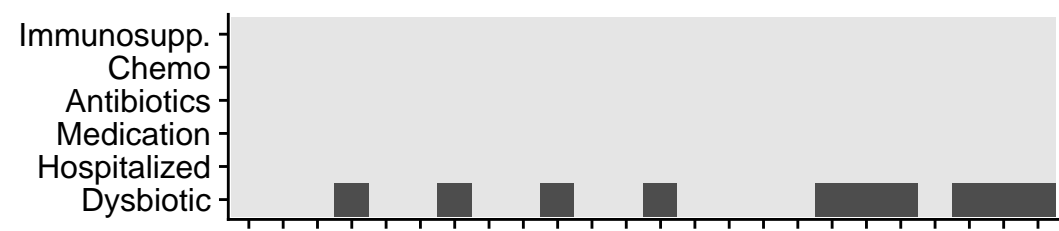
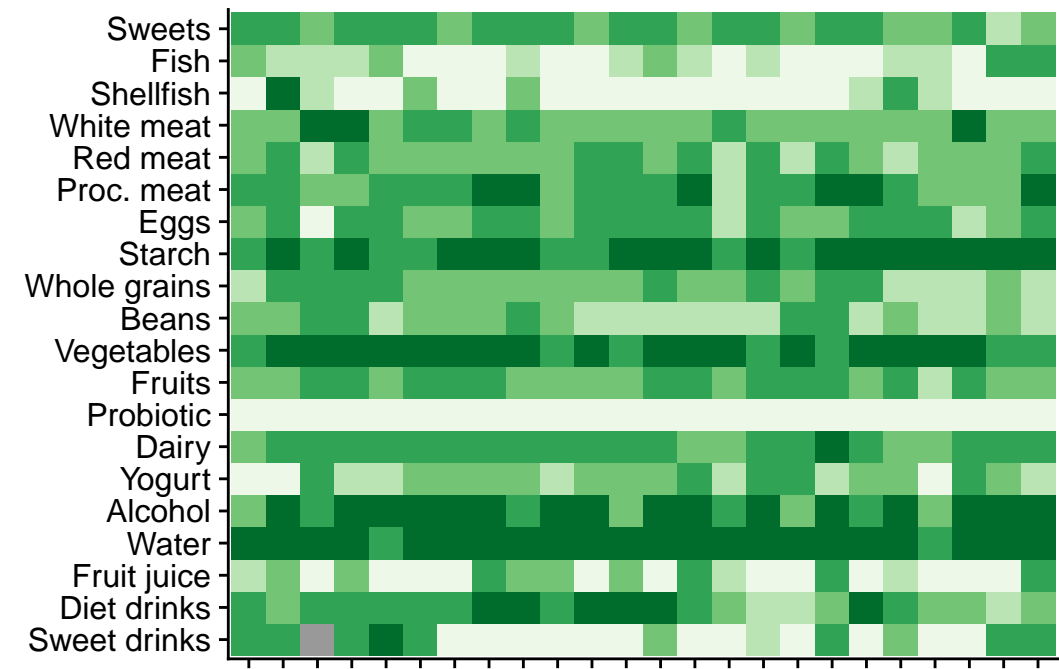


Serology

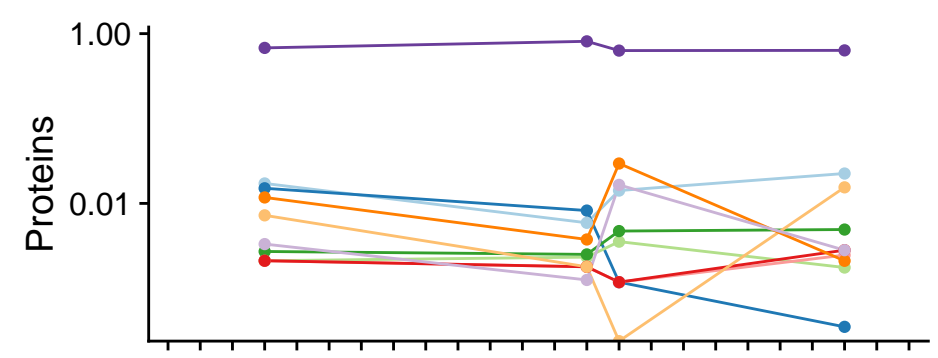
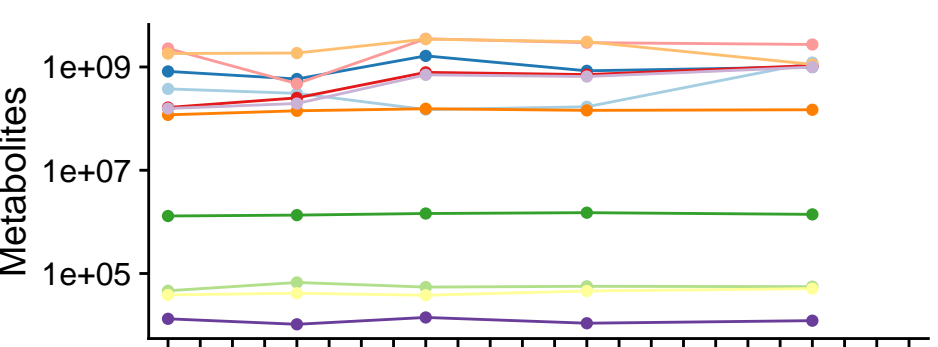
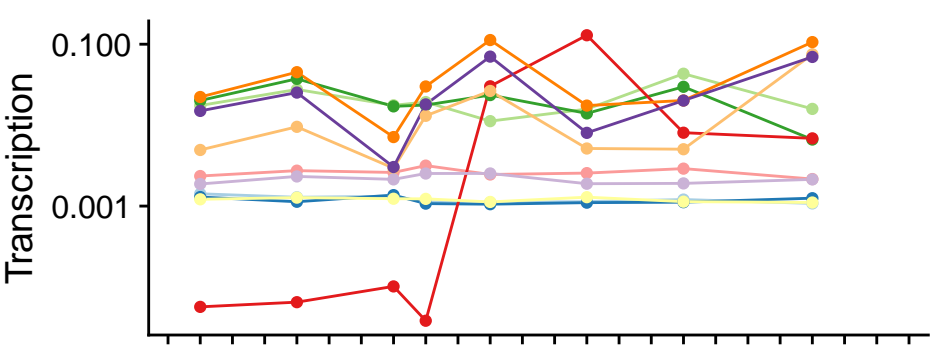
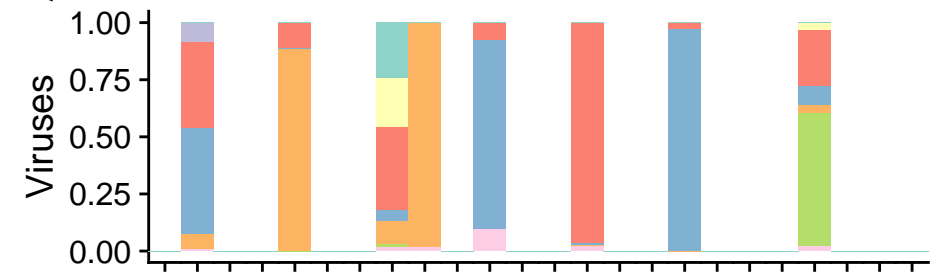
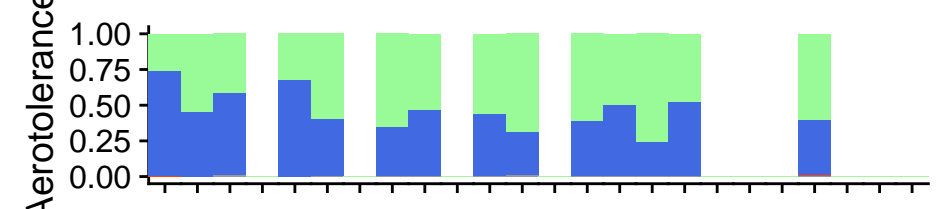
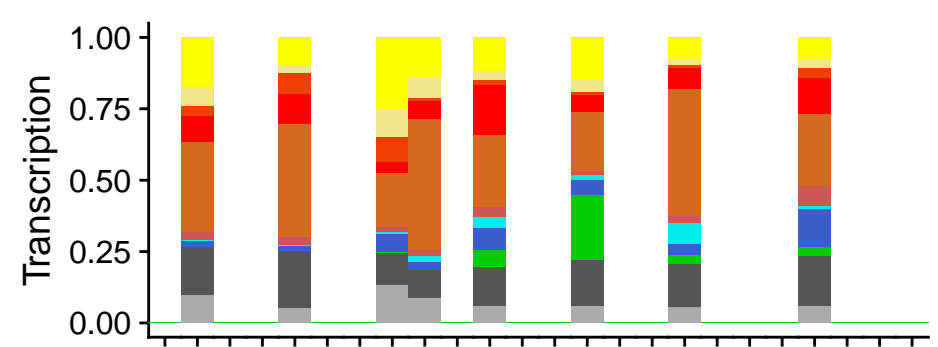
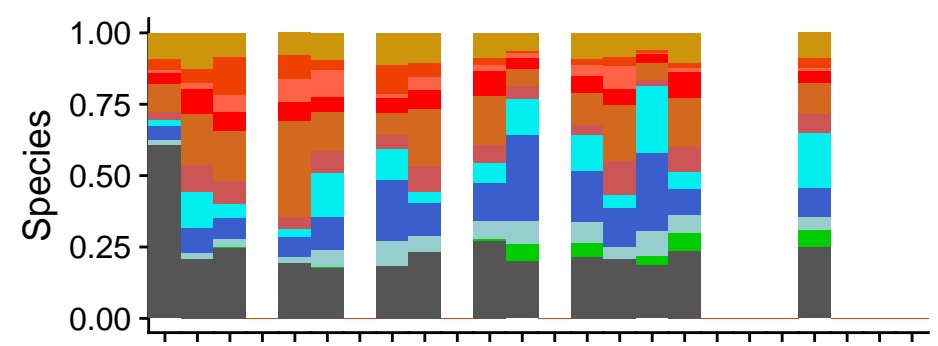
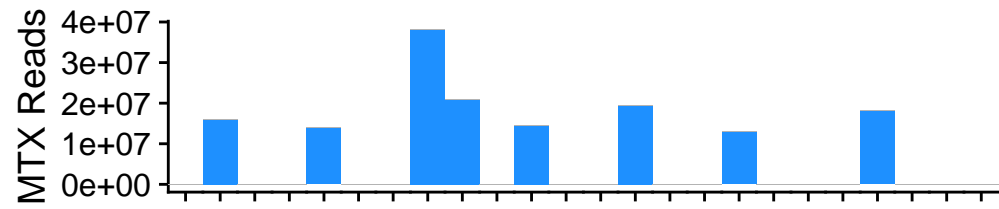
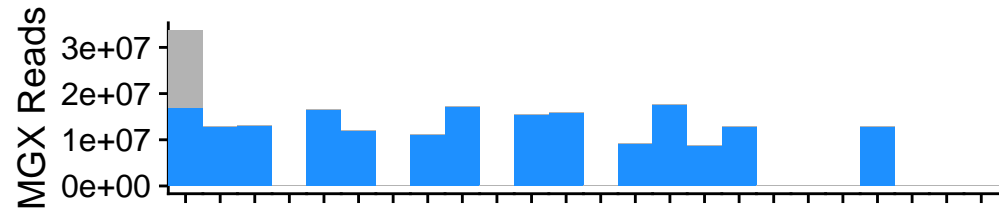


Proteins

M2079: 29 Male White MGH | nonIBD

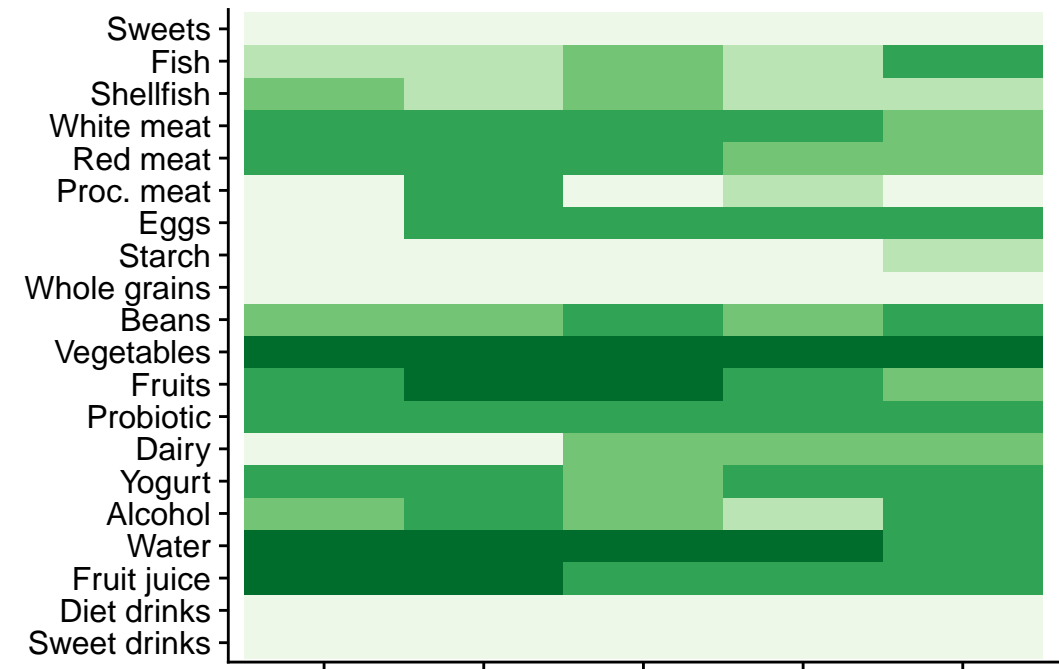


Serology



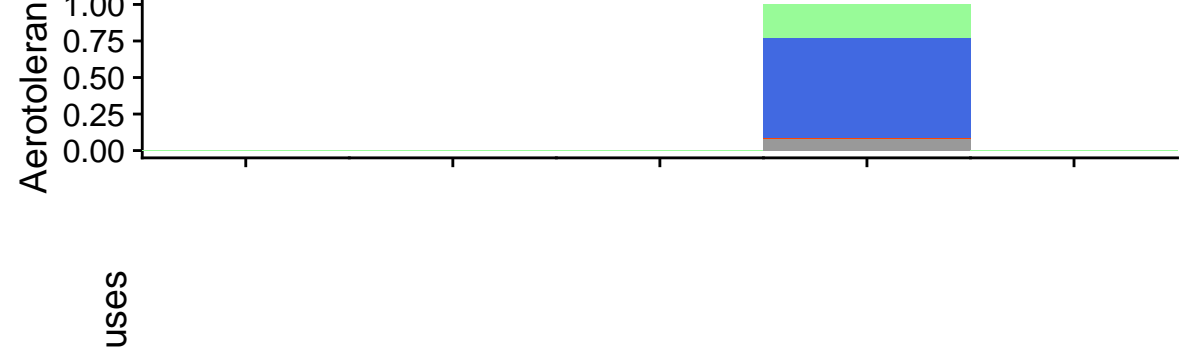
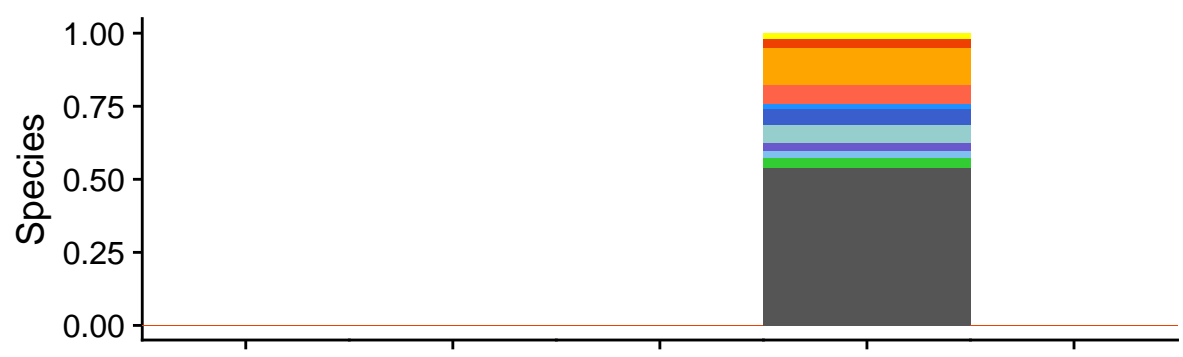
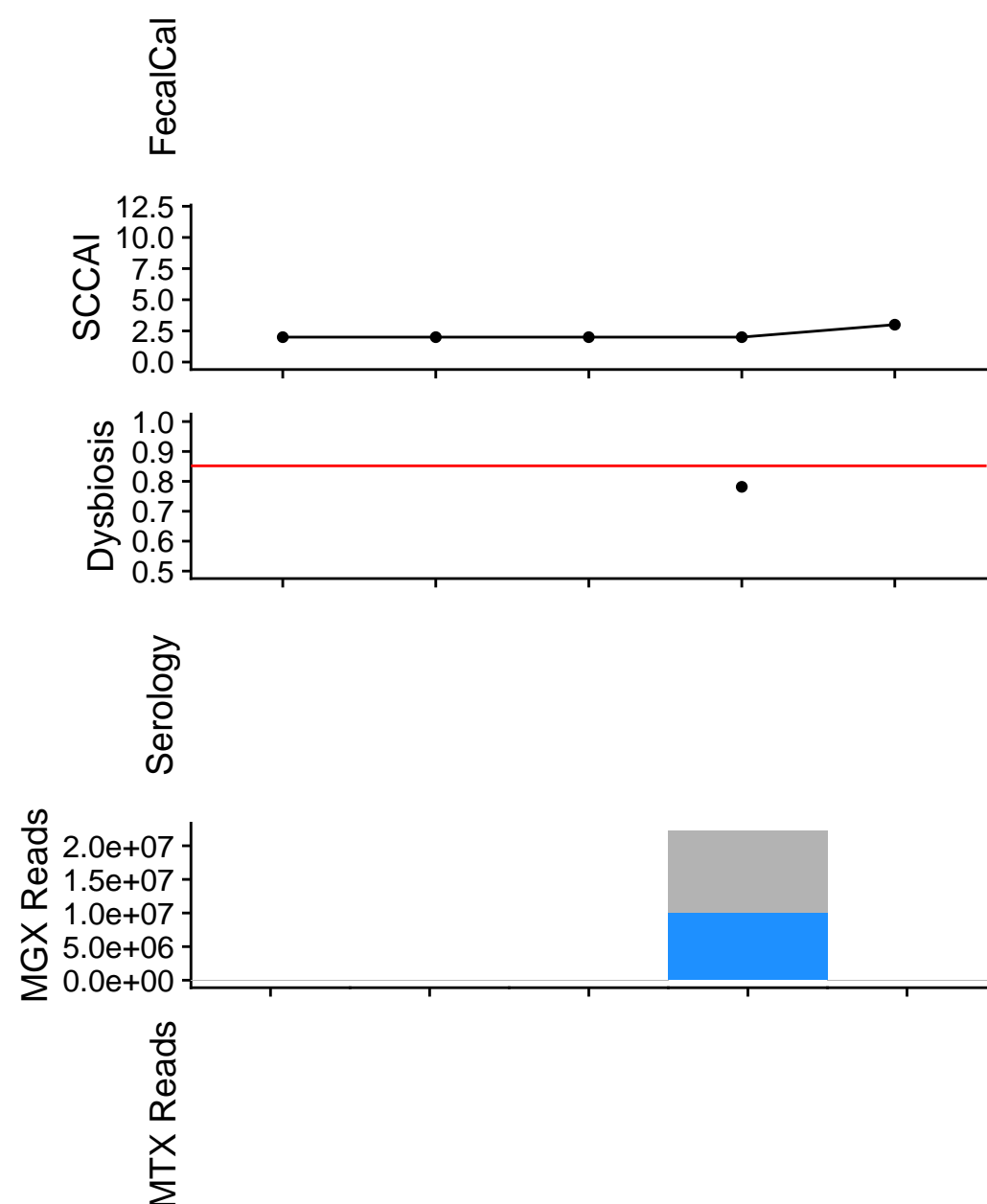
- Alistipes putredinis
- Bacteroides caccae
- Bacteroides ovatus
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides merdae
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Subdoligranulum unclassified
- Akkermansia muciniphila
- other
- Alistipes shahii
- Alistipes finegoldii
- Bacteroides caccae
- Bacteroides uniformis
- Bacteroides vulgatus
- Parabacteroides merdae
- Eubacterium rectale
- Faecalibacterium prausnitzii
- Akkermansia muciniphila
- other
- unclassified
- obligate anaerobe
- aerotolerant
- facultative anaerobe
- unknown
- Lactococcus phage bIBB29
- Lactococcus phage 936 sensu lato
- Propionibacterium phage Solid
- Gokushovirus WZ-2015a
- Pepper mild mottle virus
- Tomato mosaic virus
- Tomato mottle mosaic virus
- other
- K00602: phosphoribosylaminoimidazolecarbo...
- K01881: prolyl-tRNA synthetase [EC:6.1.1.15]
- K02914: large subunit ribosomal protein L34
- K02968: small subunit ribosomal protein S20
- K03671: thioredoxin 1
- K04069: pyruvate formate lyase activating en...
- K04077: chaperonin GroEL
- K04078: chaperonin GroES
- K06142: outer membrane protein
- K13993: HSP20 family protein
- K15633: 2,3-bisphosphoglycerate-independ...
- 2-deoxyadenosine
- 7-methylxanthine
- acetytyrosine
- C18:0 LPC
- L-urobilin
- leucine
- methylimidazole acetic acid
- N-acetylhistamine
- phenylalanine
- salicylate
- tetradecanedioate
- K00262: glutamate dehydrogenase (NADP+) ...
- K01805: xylose isomerase [EC:5.3.1.5]
- K01810: glucose-6-phosphate isomerase [E...
- K02867: large subunit ribosomal protein L11
- K02988: small subunit ribosomal protein S5
- K03046: DNA-directed RNA polymerase sub...
- K04077: chaperonin GroEL
- K10117: raffinose/stachyose/melibiose transp...
- K10200: N-acetylglucosamine transport syst...
- UNGROUPED

M2081: 39 Male Other MGH | UC

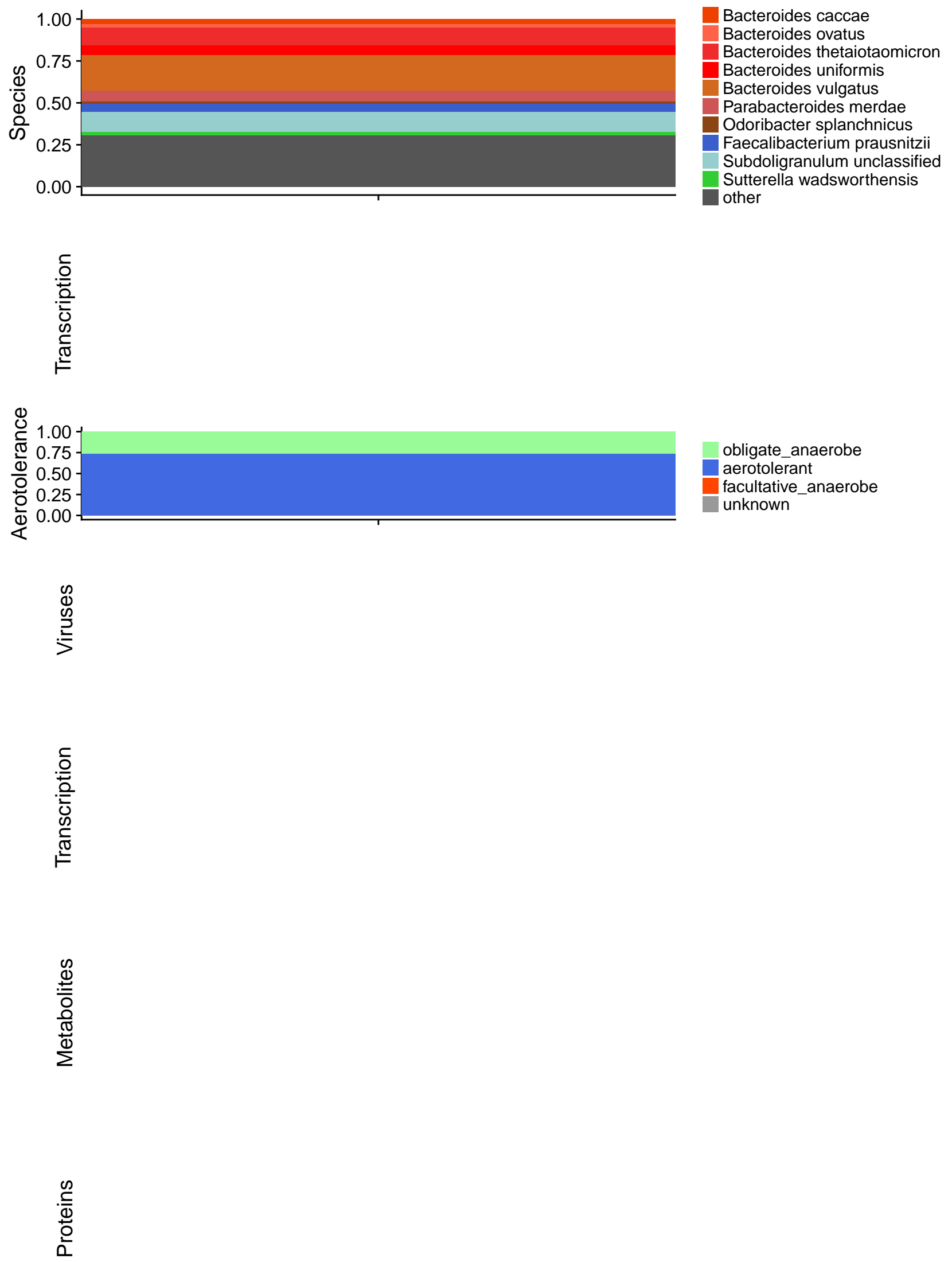
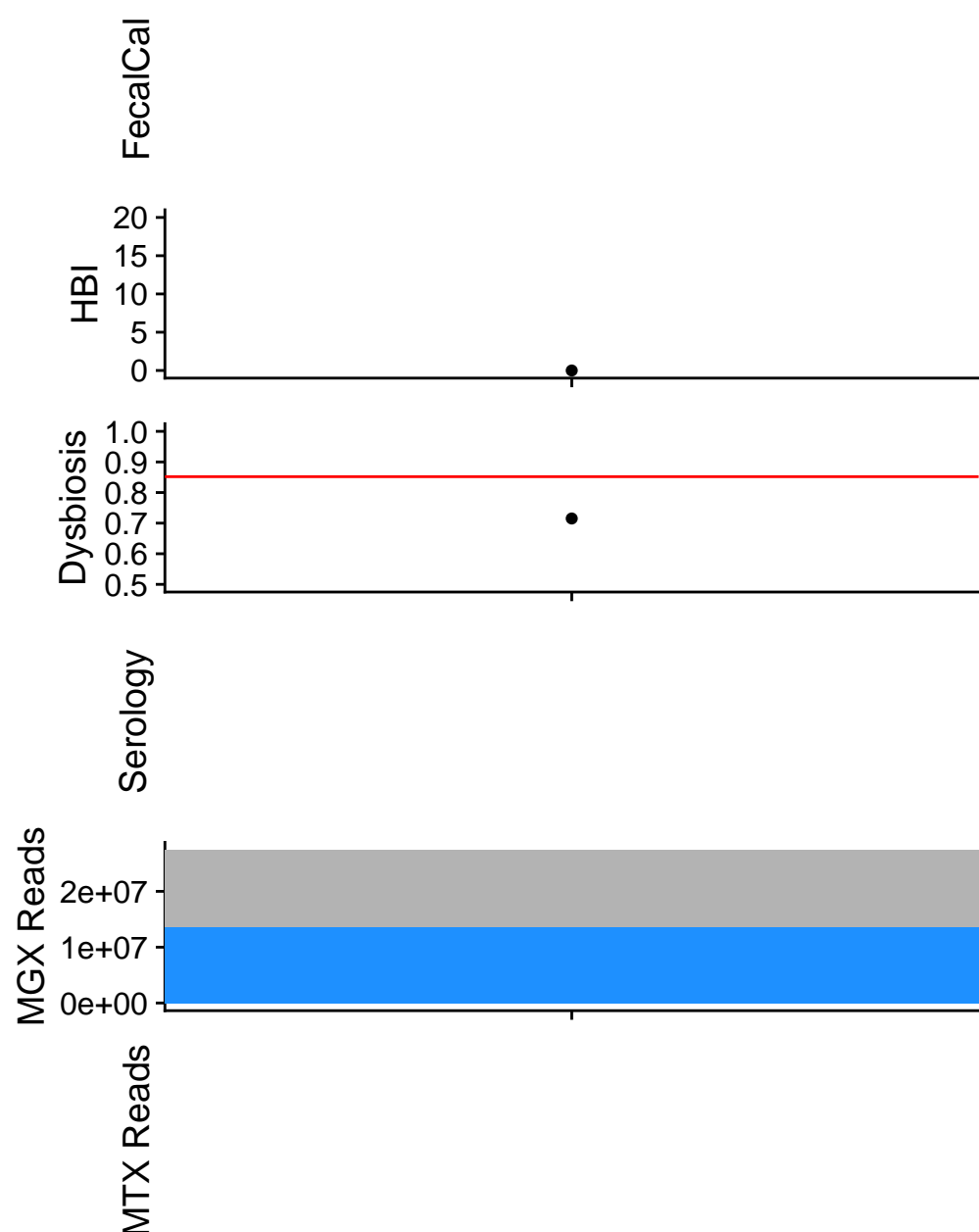
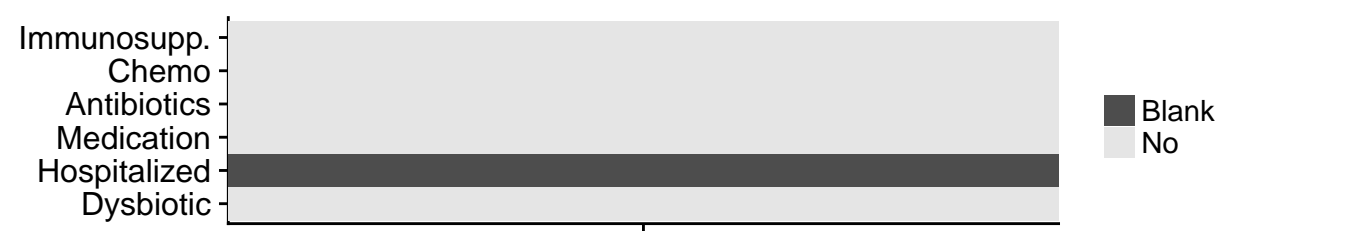
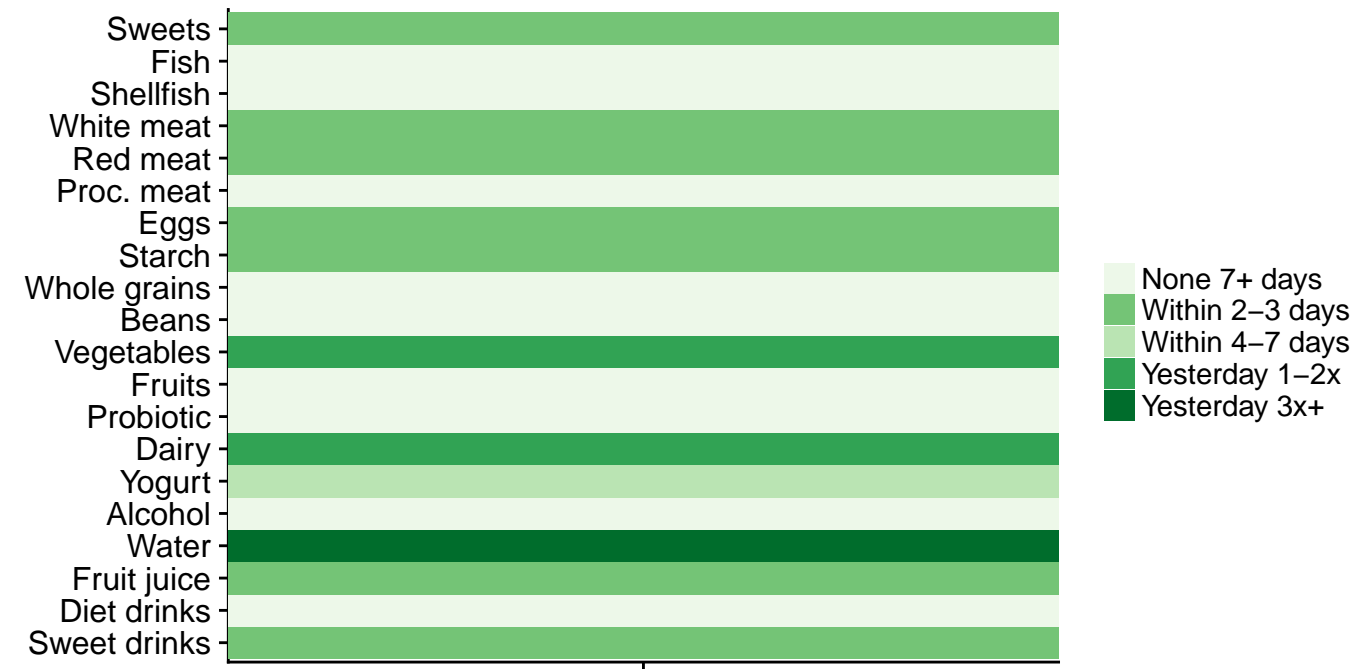


None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

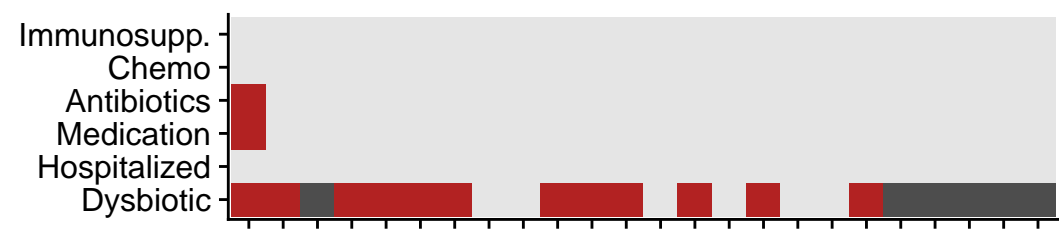
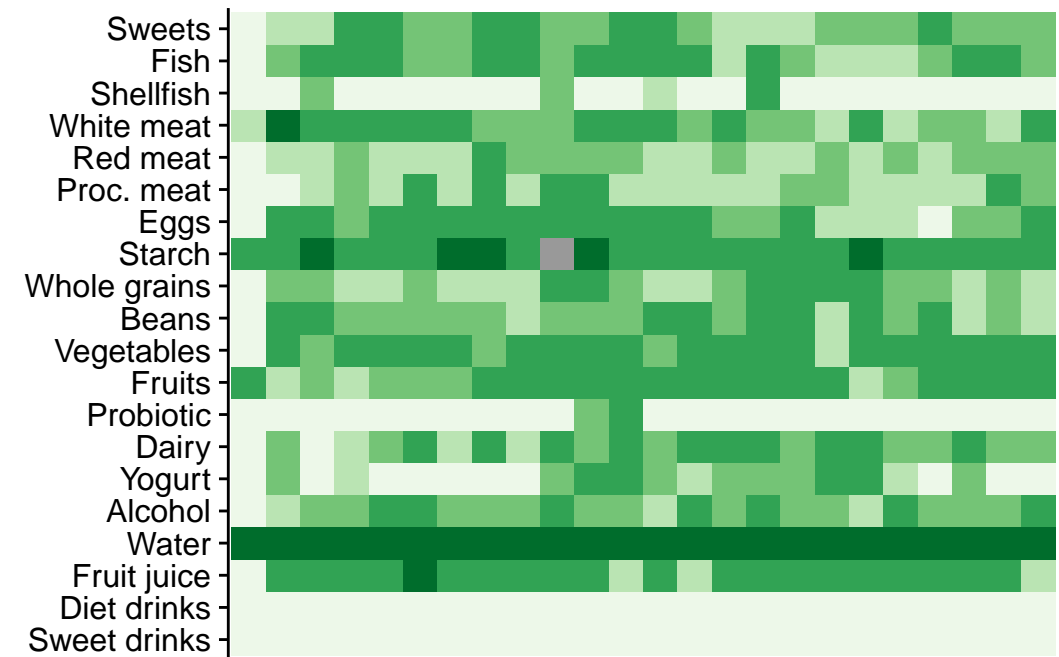
Blank
No



M2082: NA Male White MGH | CD



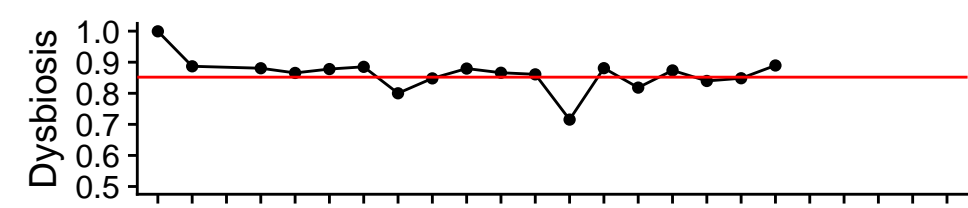
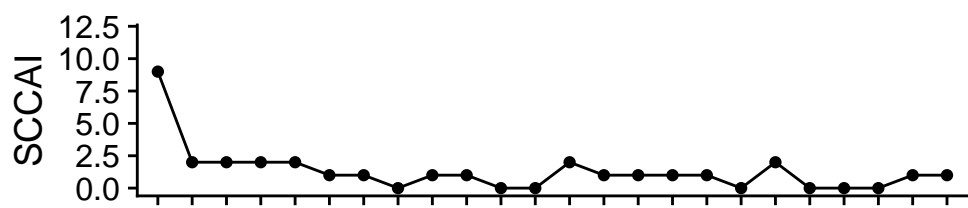
M2083: 25 Male White MGH | UC



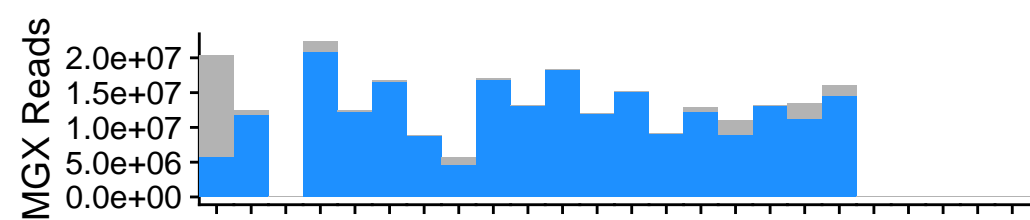
Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

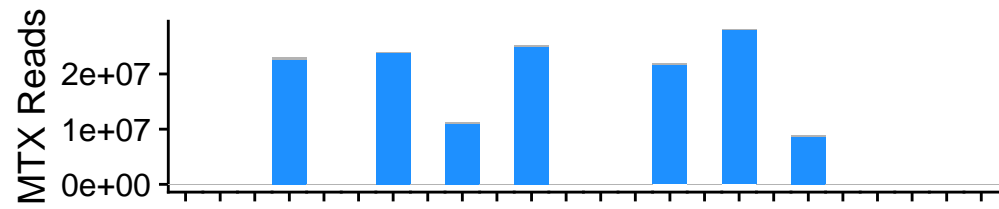
FecalCal



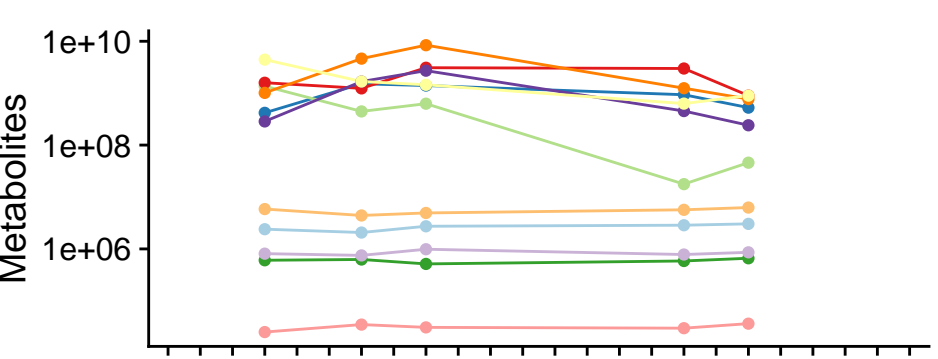
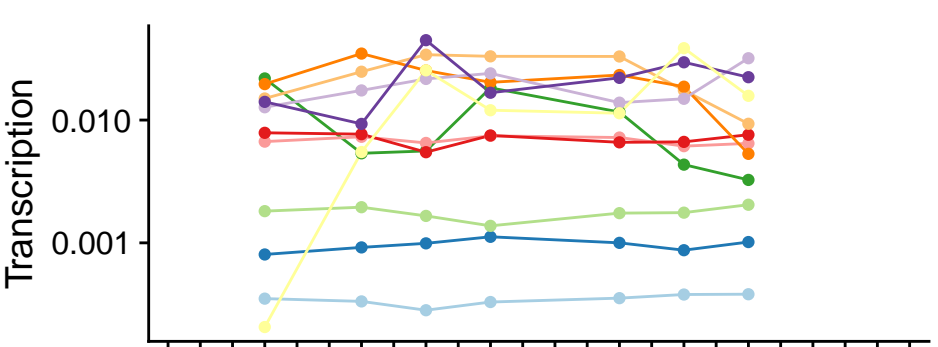
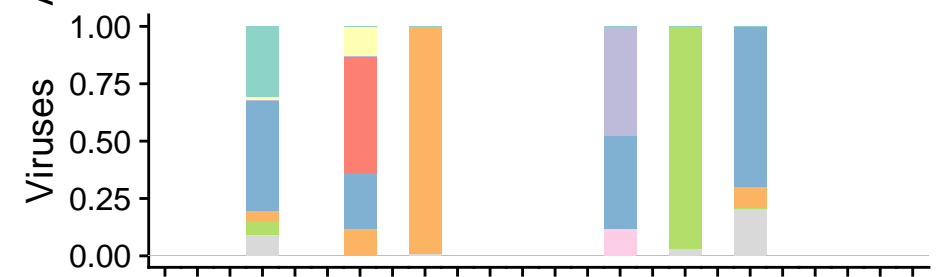
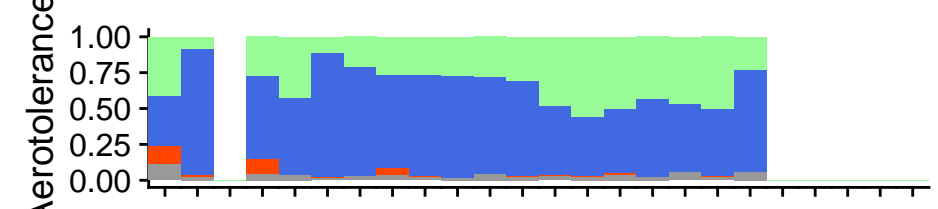
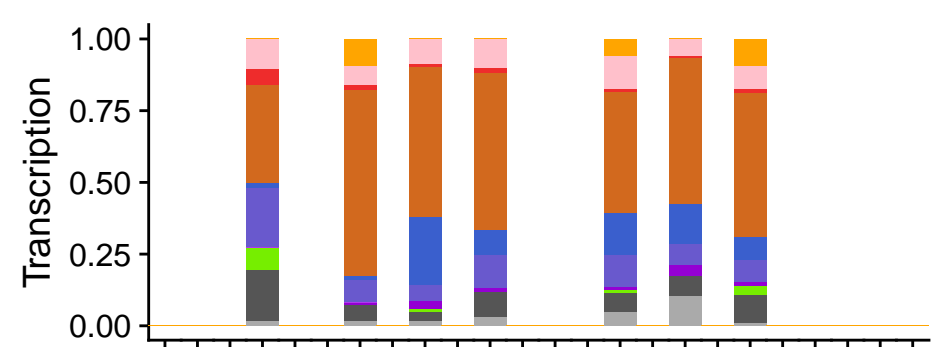
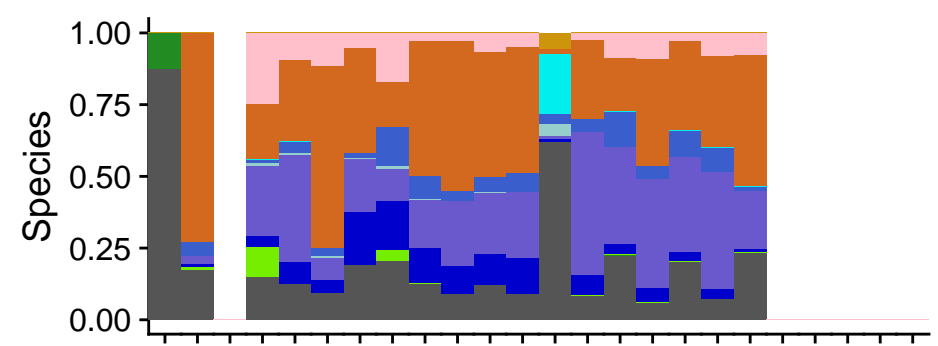
Serology



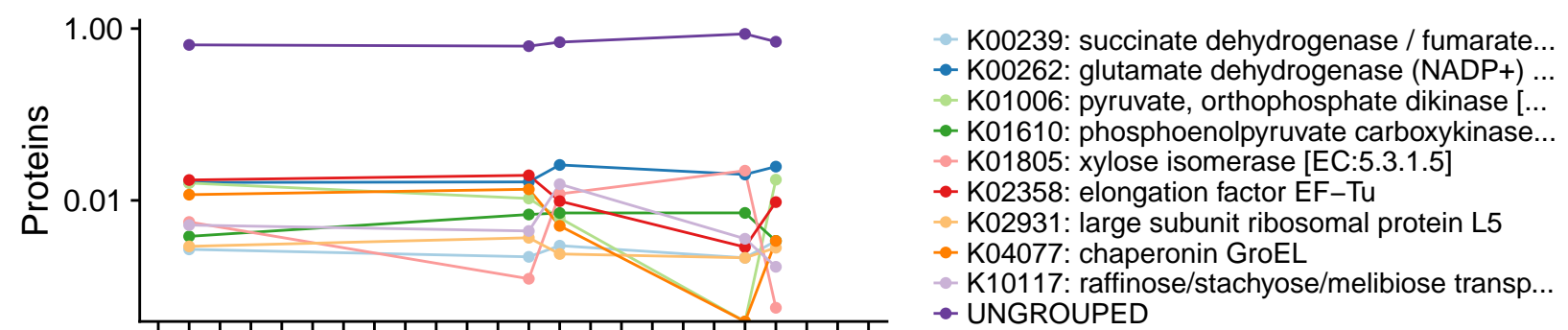
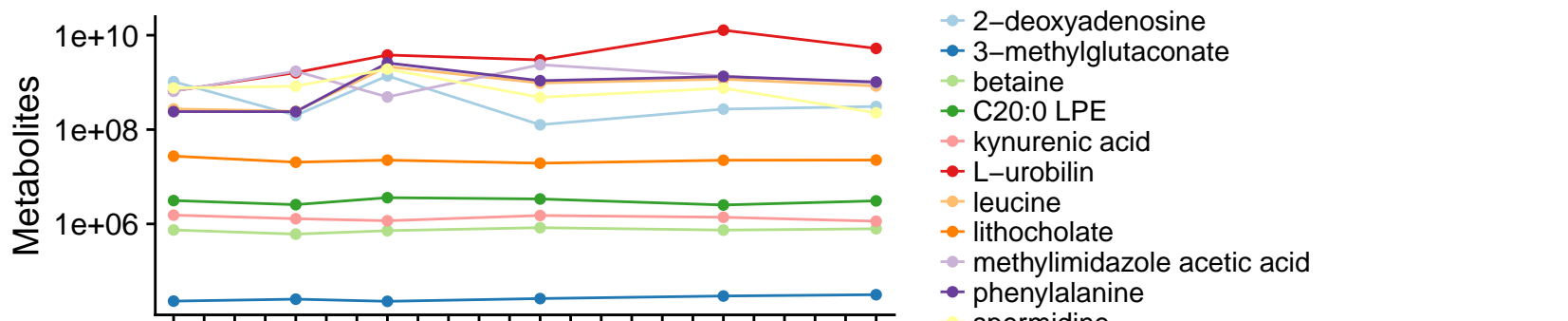
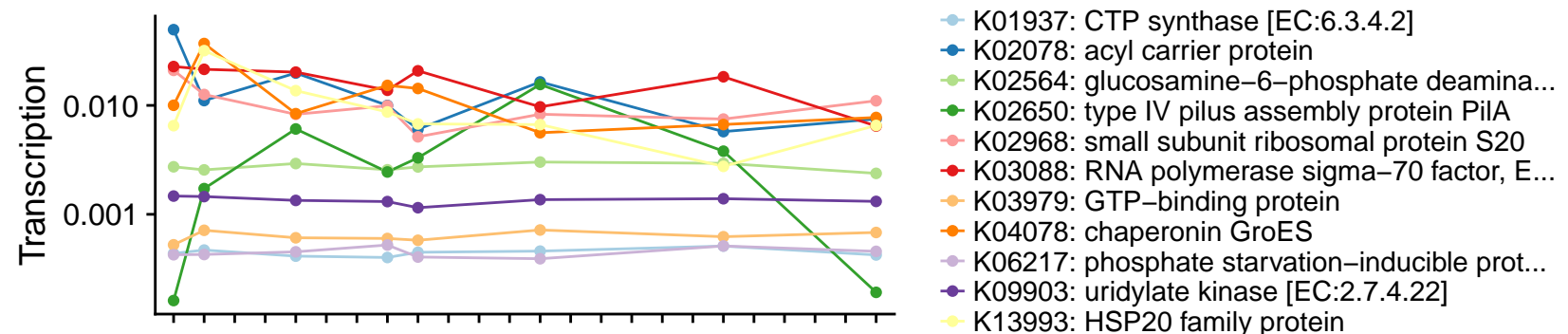
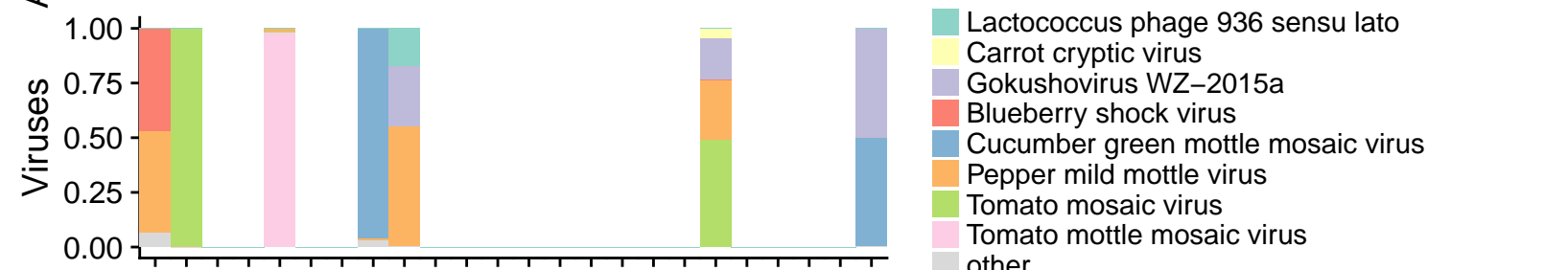
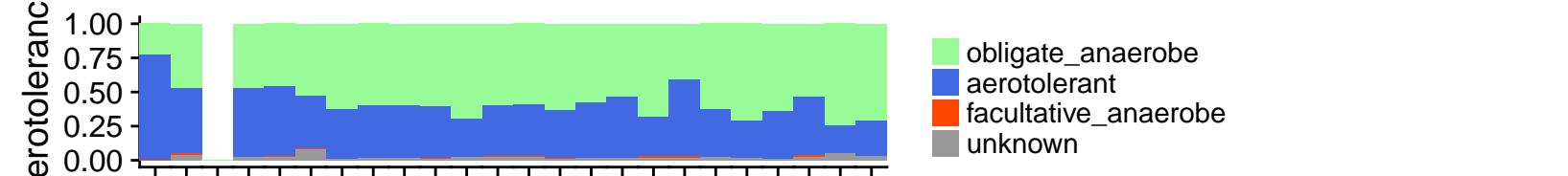
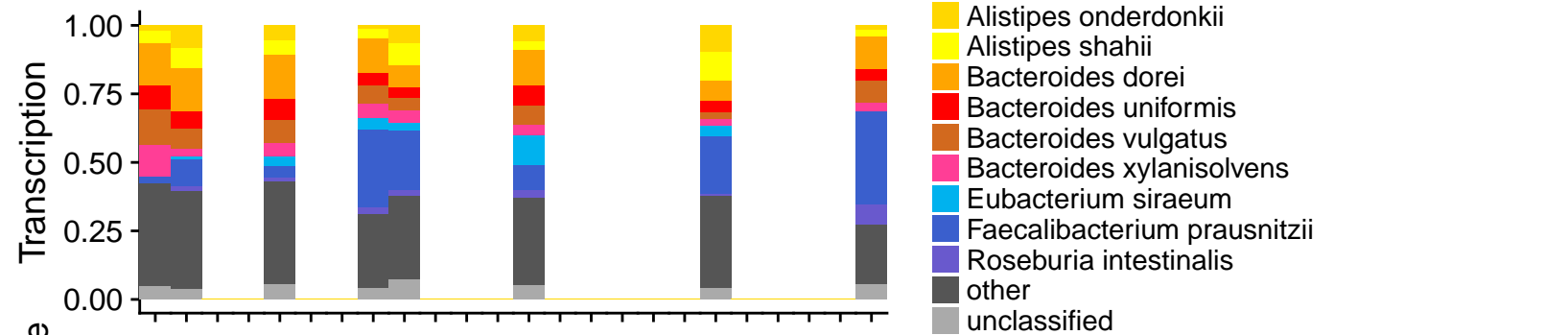
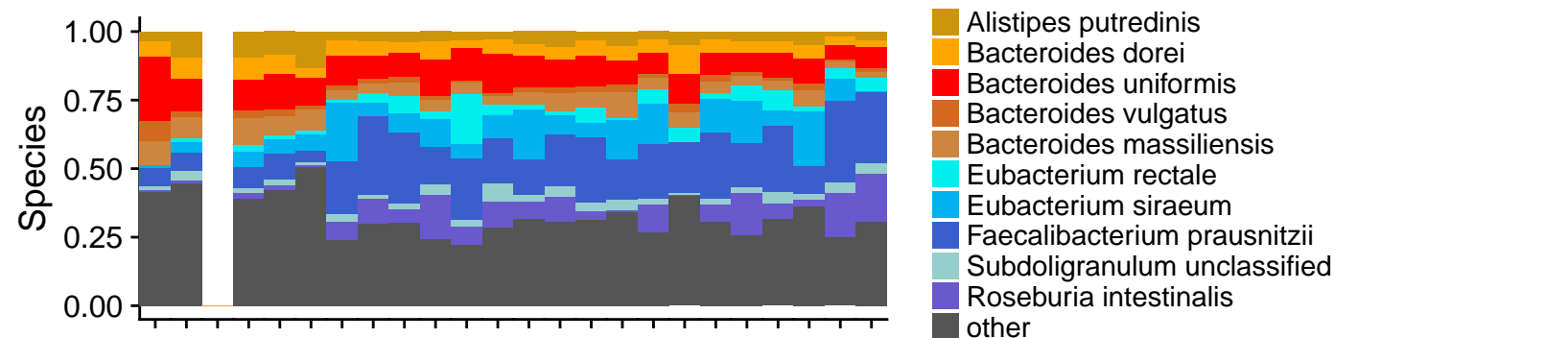
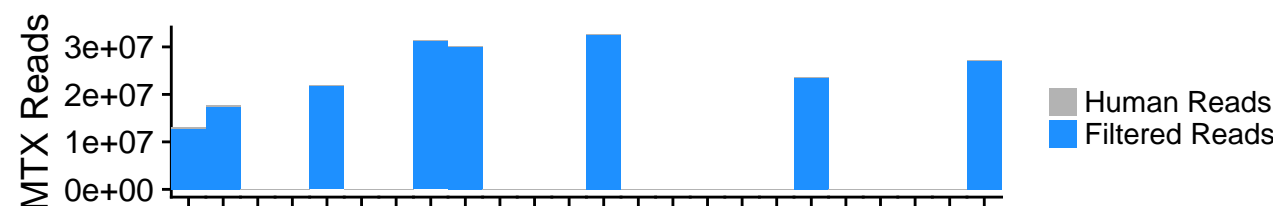
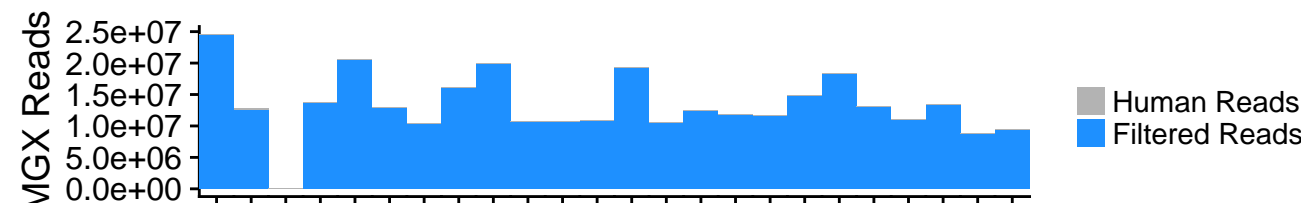
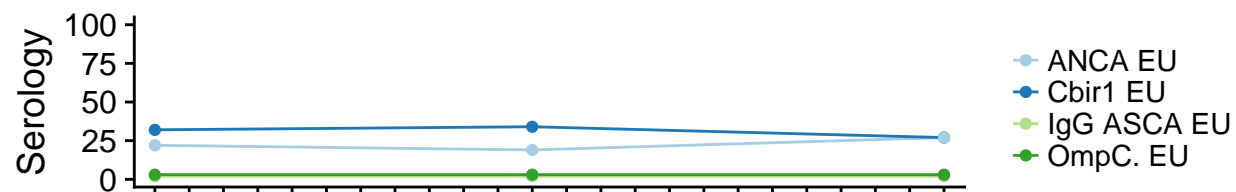
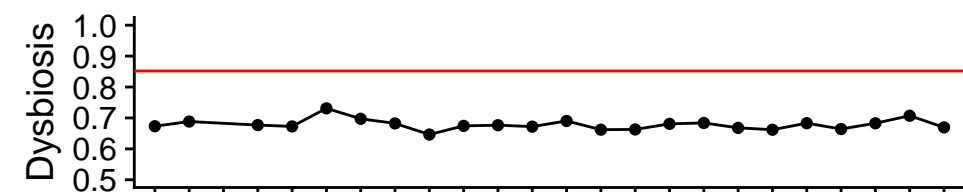
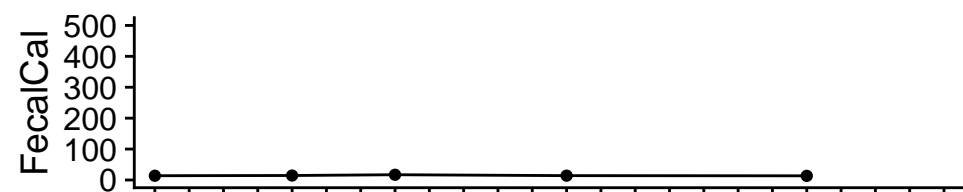
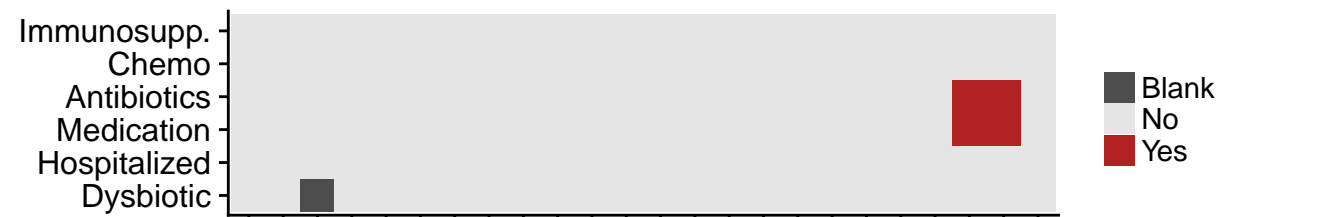
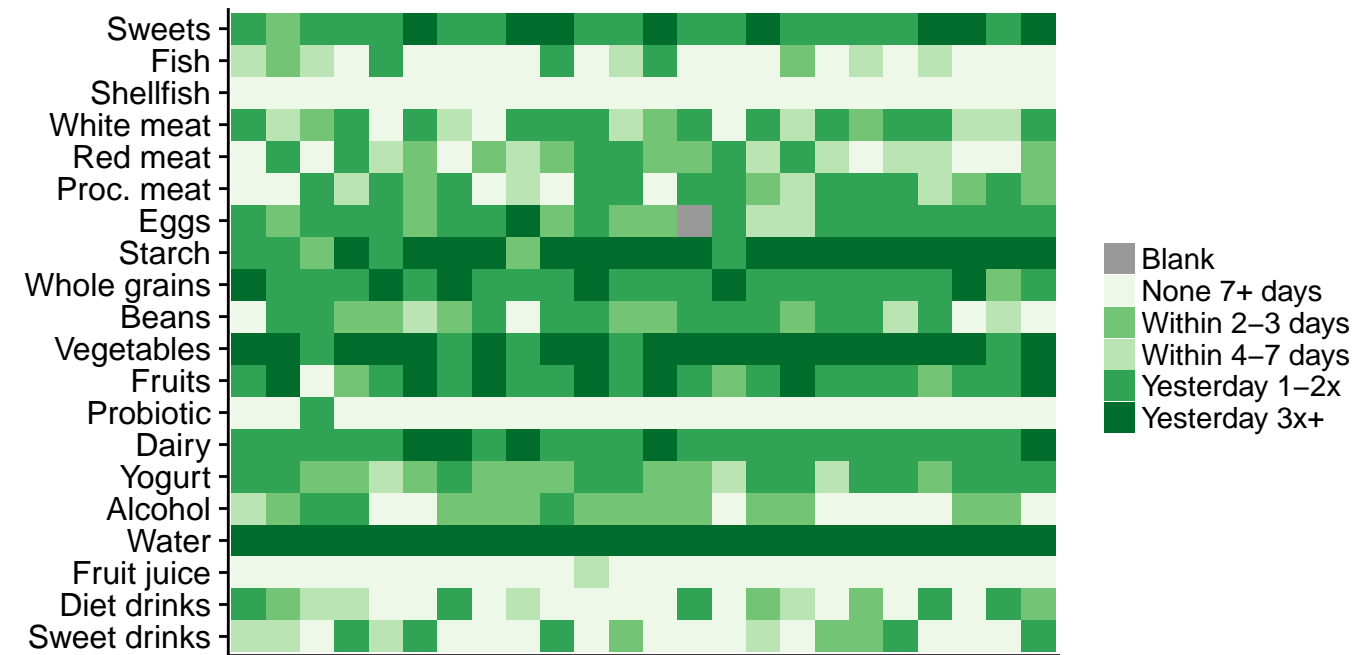
Human Reads
Filtered Reads



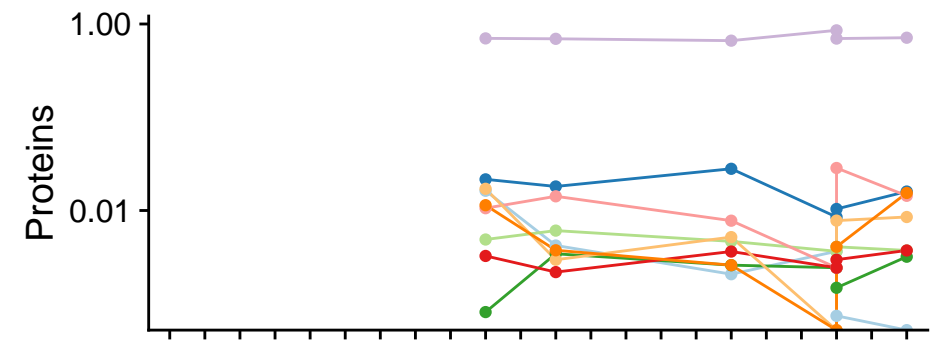
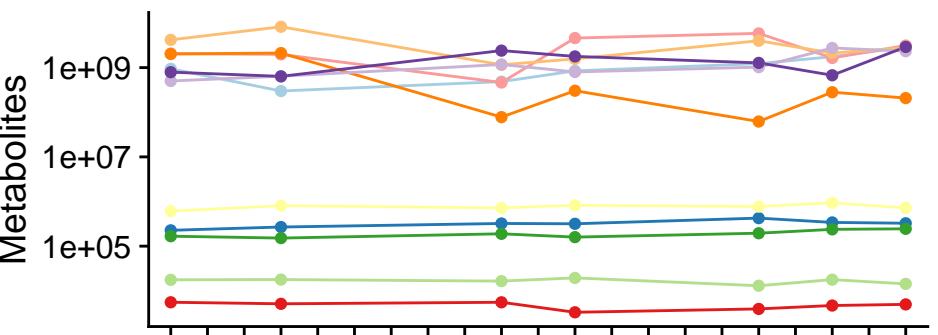
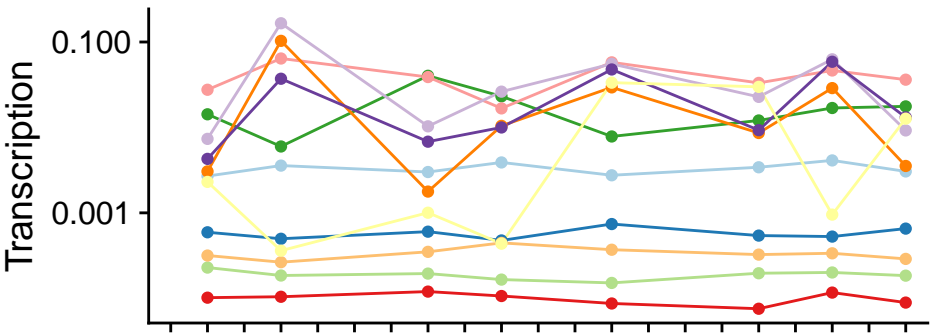
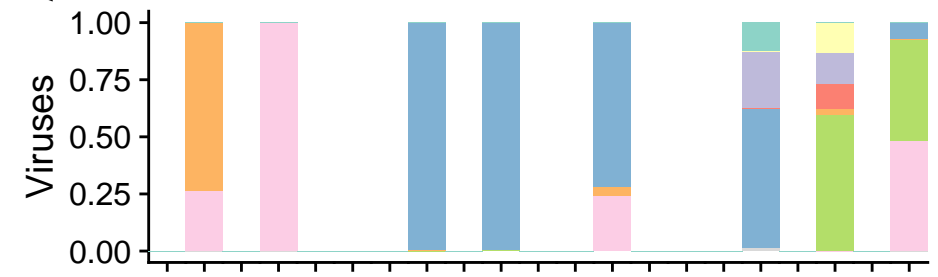
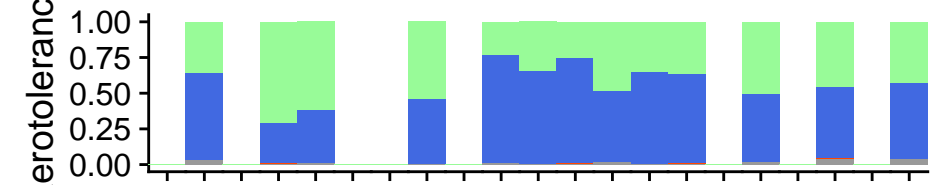
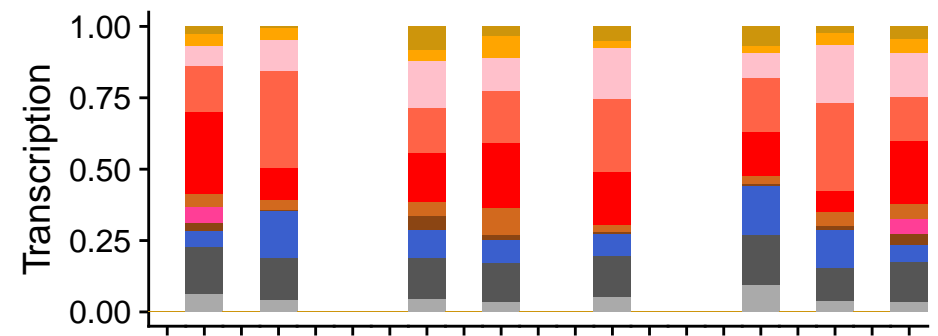
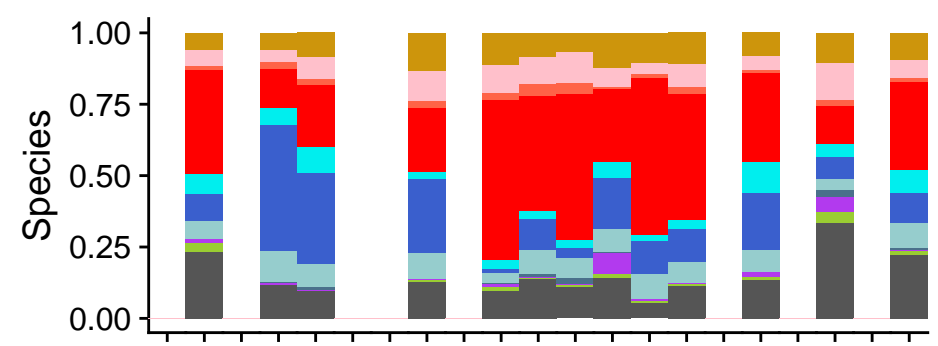
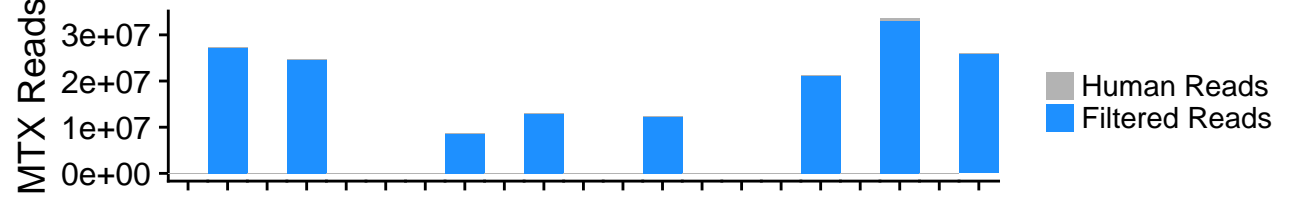
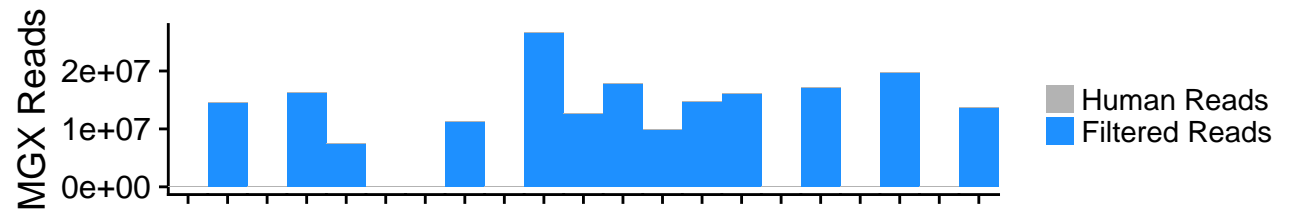
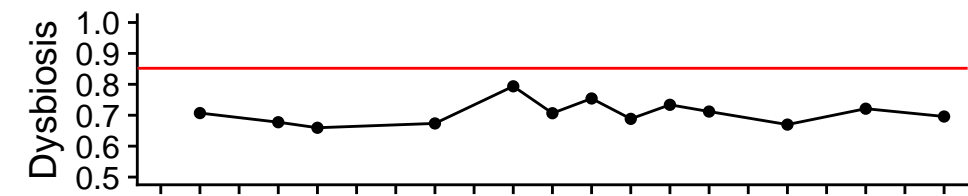
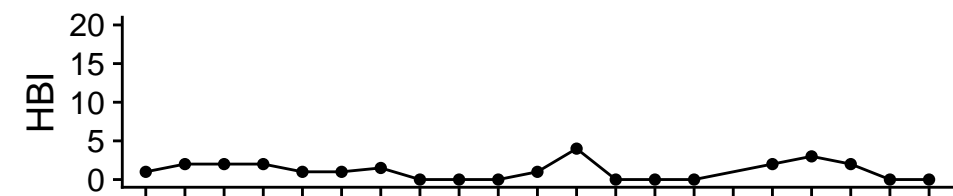
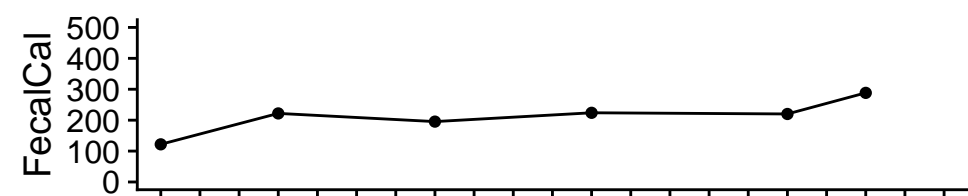
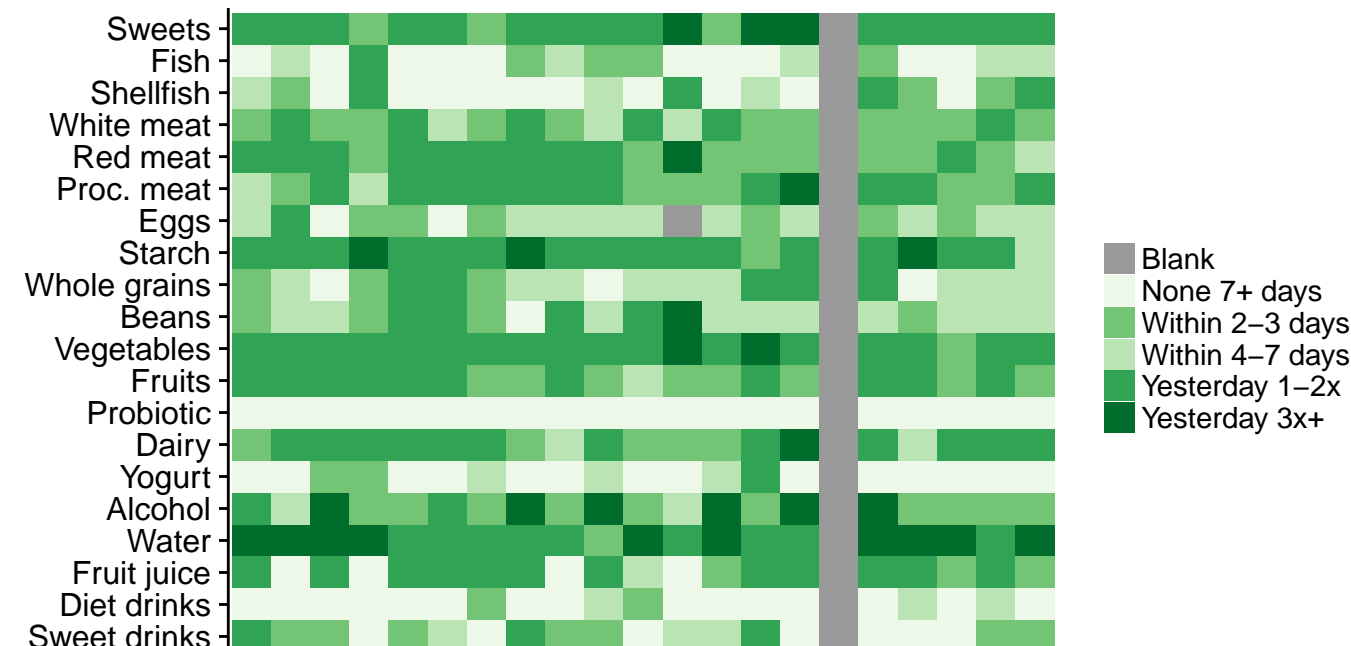
Human Reads
Filtered Reads



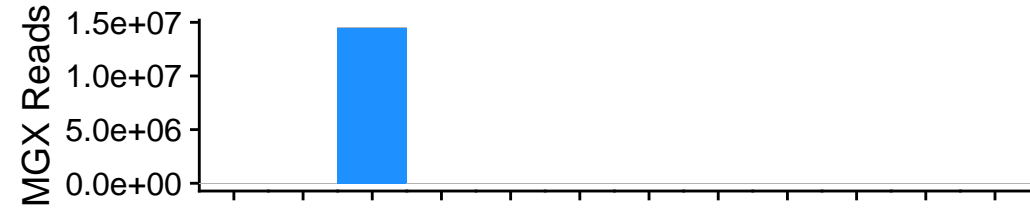
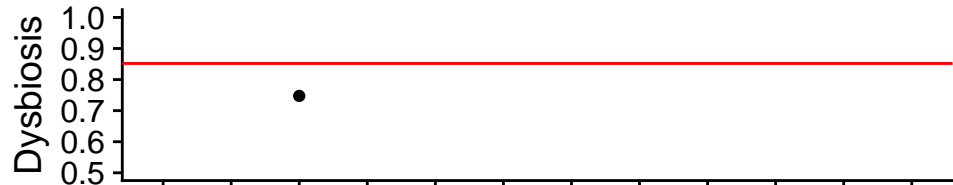
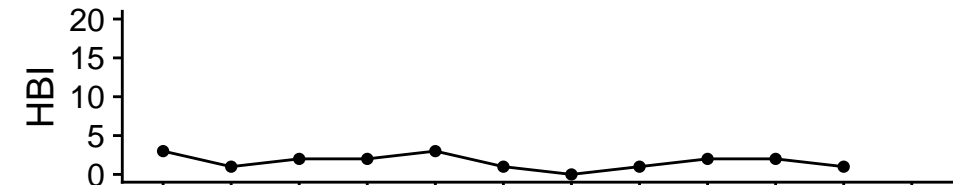
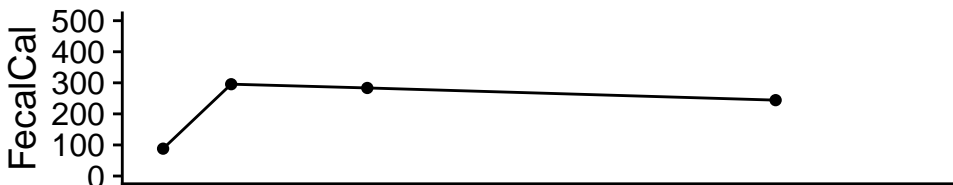
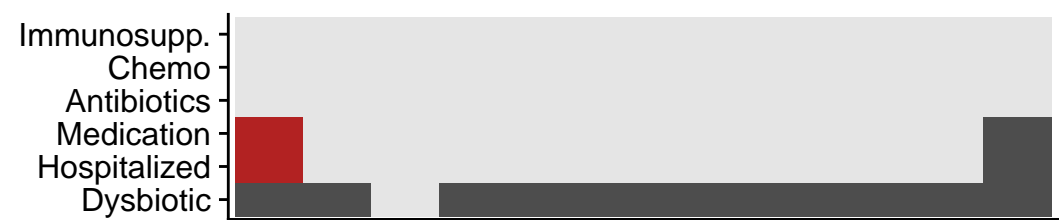
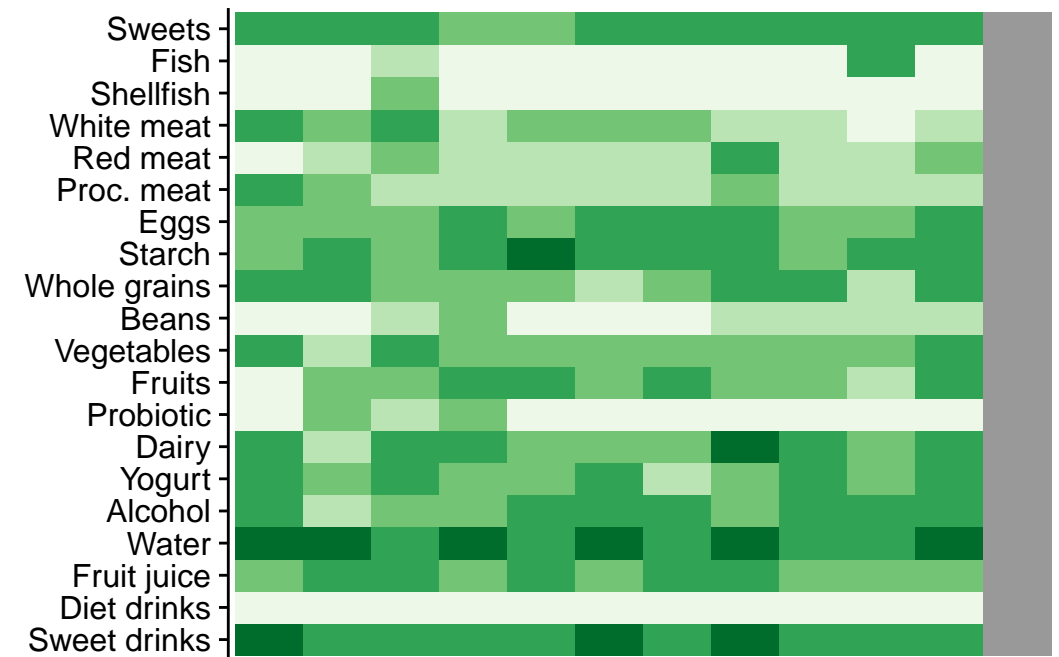
M2084: 23 Female White MGH | nonIBD



M2085: 23 Male White MGH | CD L1



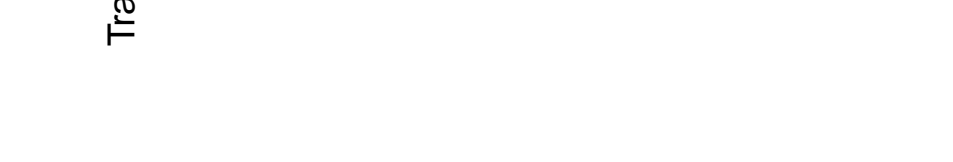
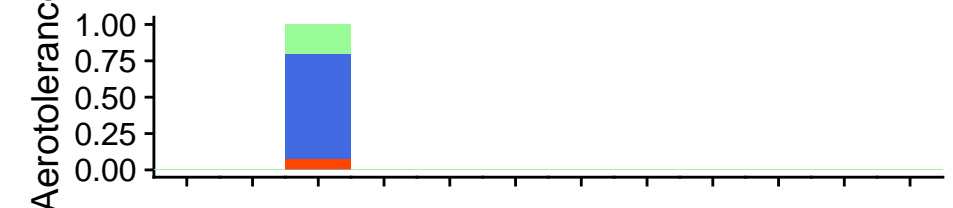
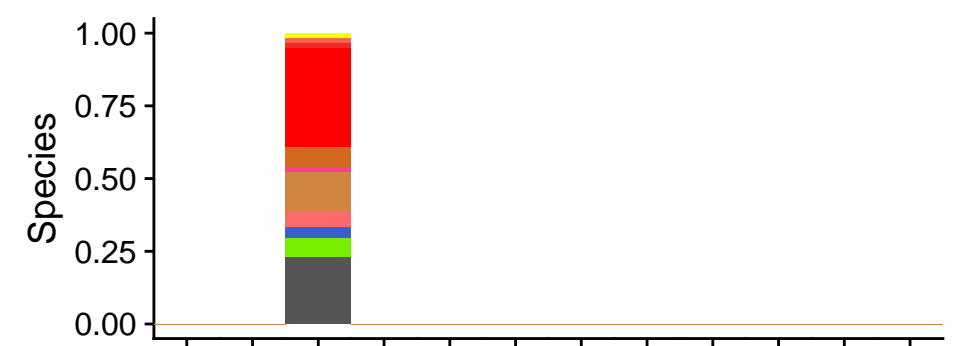
M2086: 22 Male White MGH | CD L1



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

Blank
No
Yes

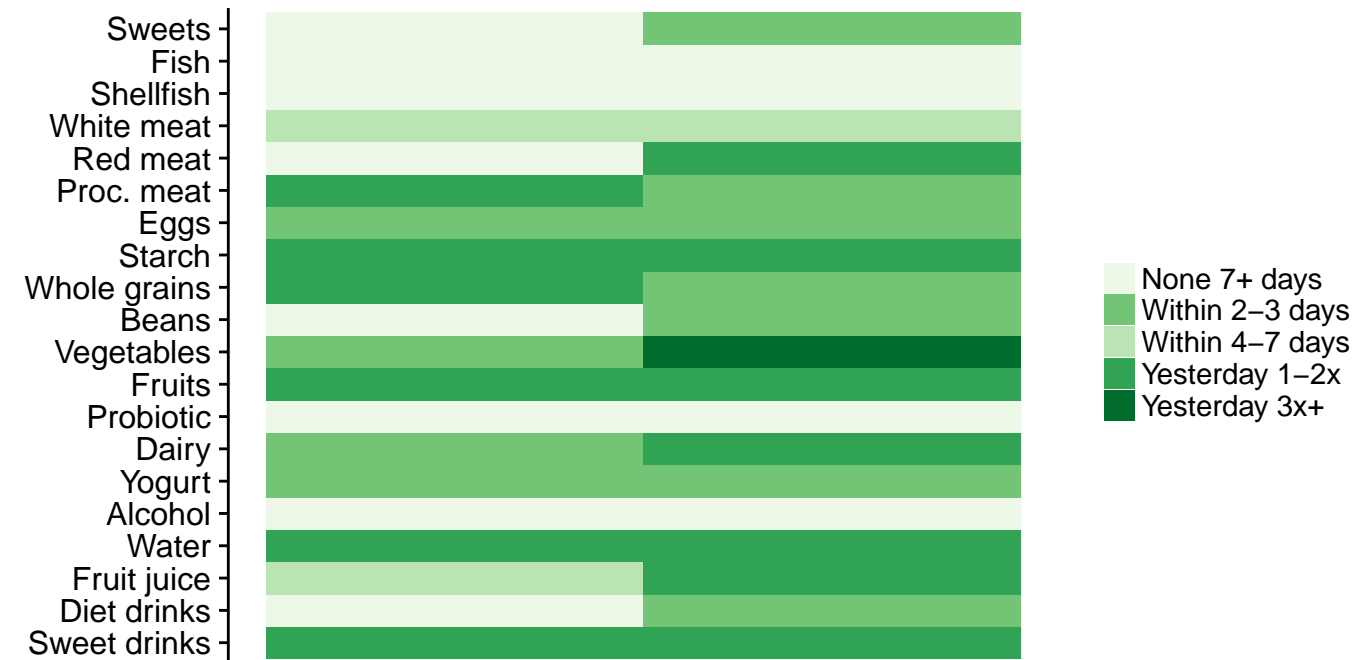
Human Reads
Filtered Reads



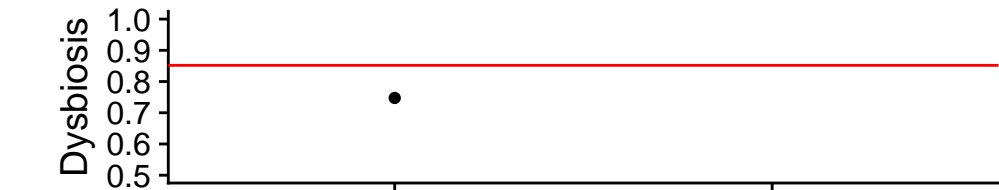
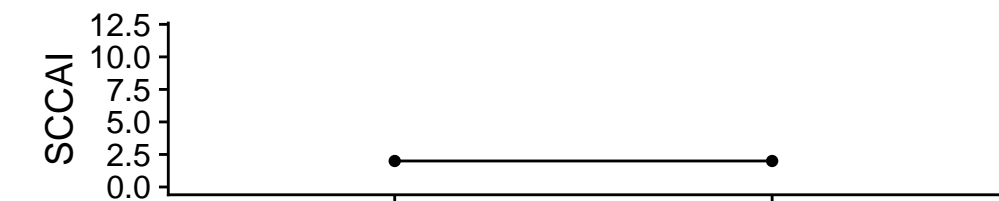
obligate_anaerobe
aerotolerant
facultative_anaerobe
unknown

K00262: glutamate dehydrogenase (NADP+) ...
K01610: phosphoenolpyruvate carboxykinase...
K01835: phosphoglucomutase [EC:5.4.2.2]
K02358: elongation factor EF-Tu
K02926: large subunit ribosomal protein L4
K02986: small subunit ribosomal protein S4
K07405: alpha-amylase [EC:3.2.1.1]
K10117: raffinose/stachyose/melibiose transp...
K10200: N-acetylglucosamine transport syst...
UNGROUPED

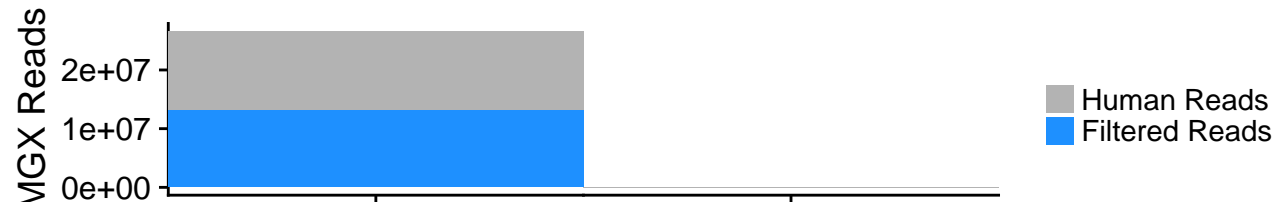
M2091: 56 Male White MGH | UC



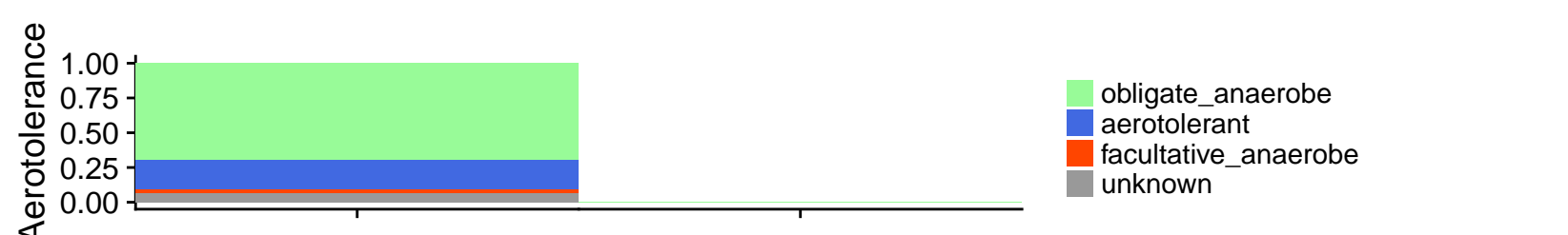
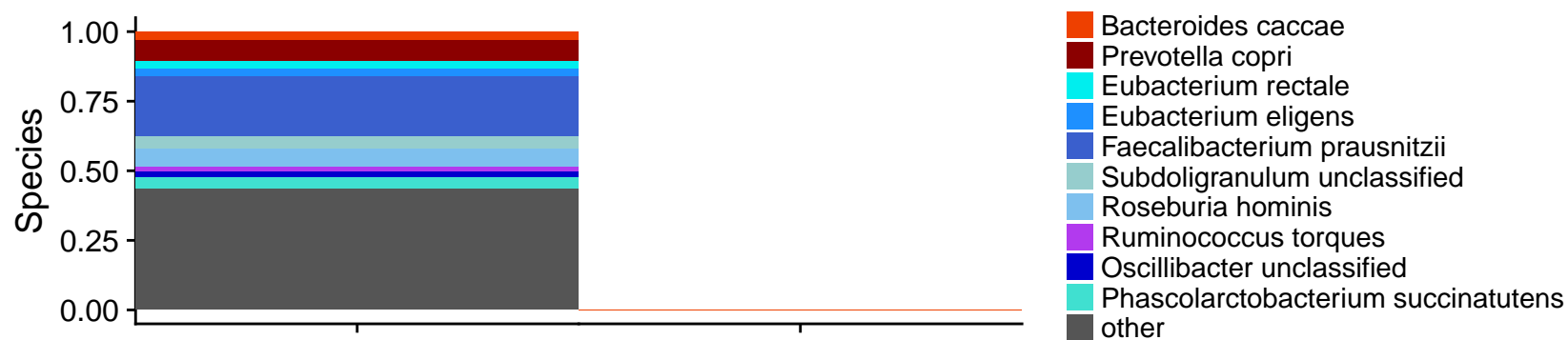
FecalCal



Serology



MTX Reads



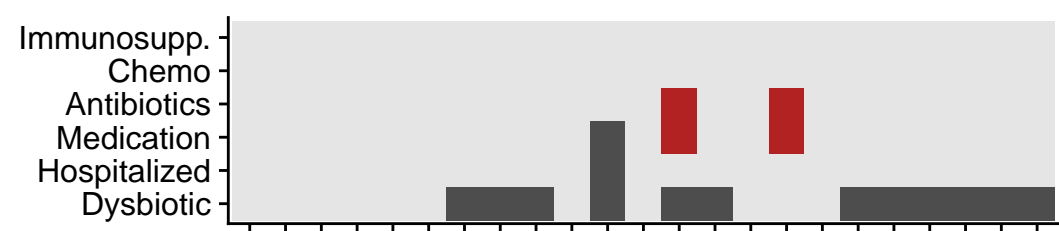
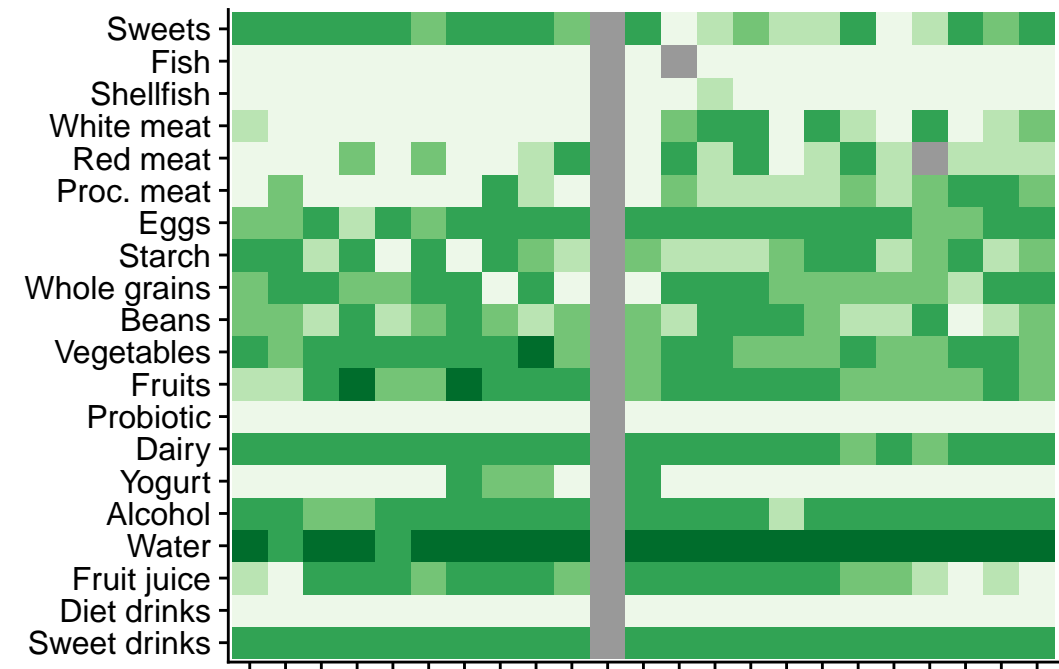
Viruses

Transcription

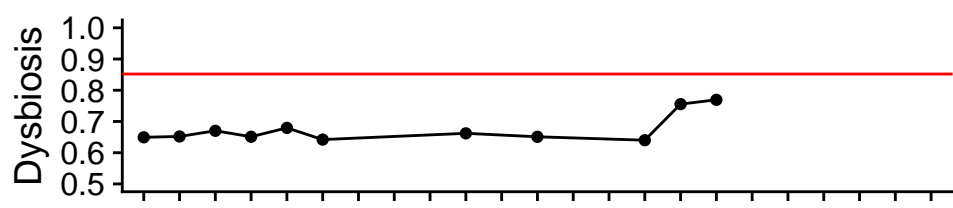
Metabolites

Proteins

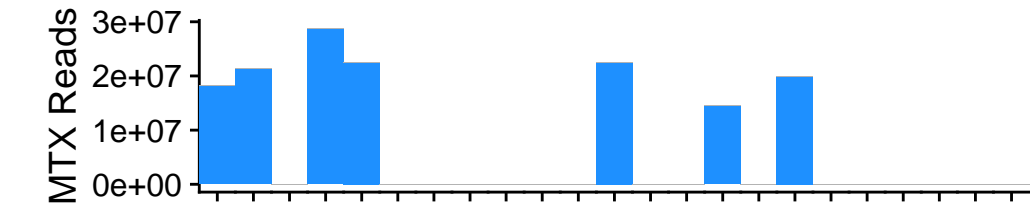
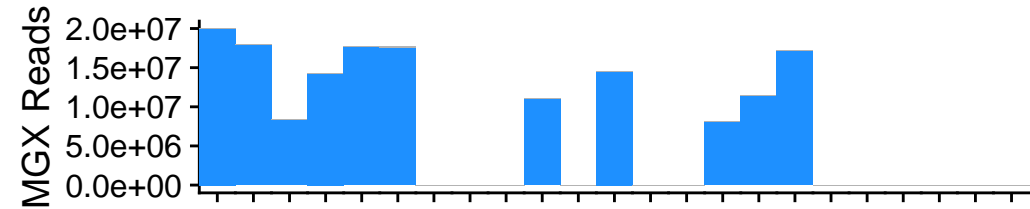
M2097: 21 Male White MGH | nonIBD



FecalCal



Serology

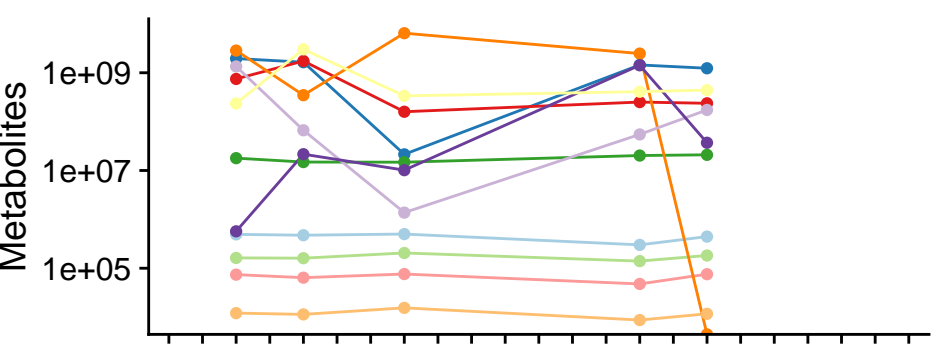
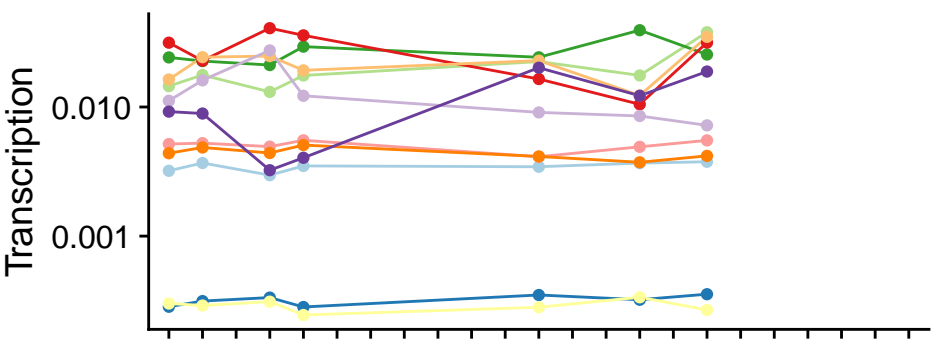
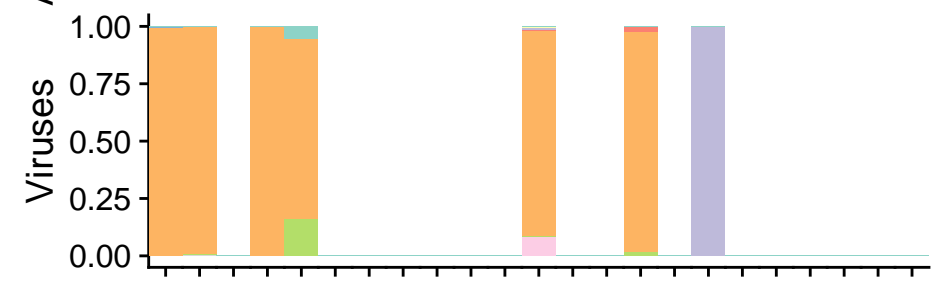
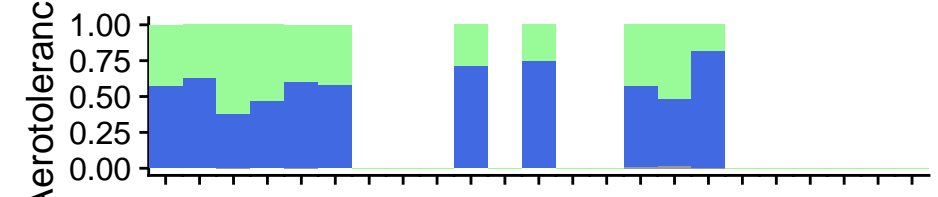
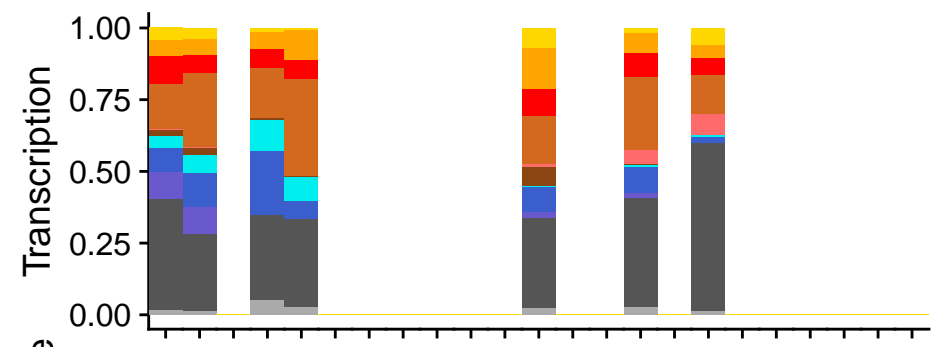
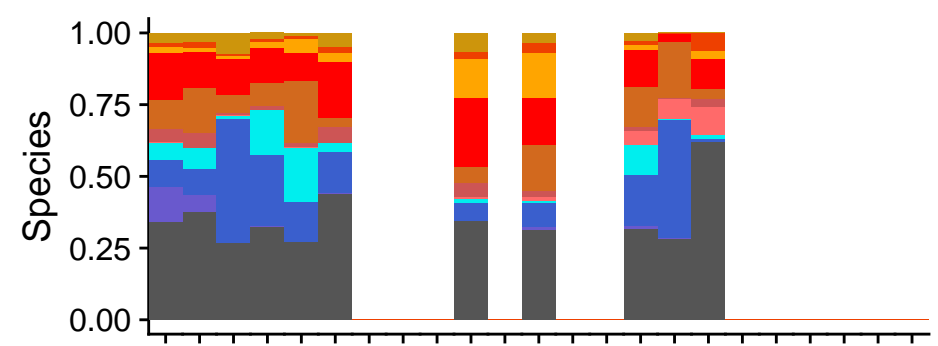


Blank
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

Human Reads
Filtered Reads

Human Reads
Filtered Reads



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

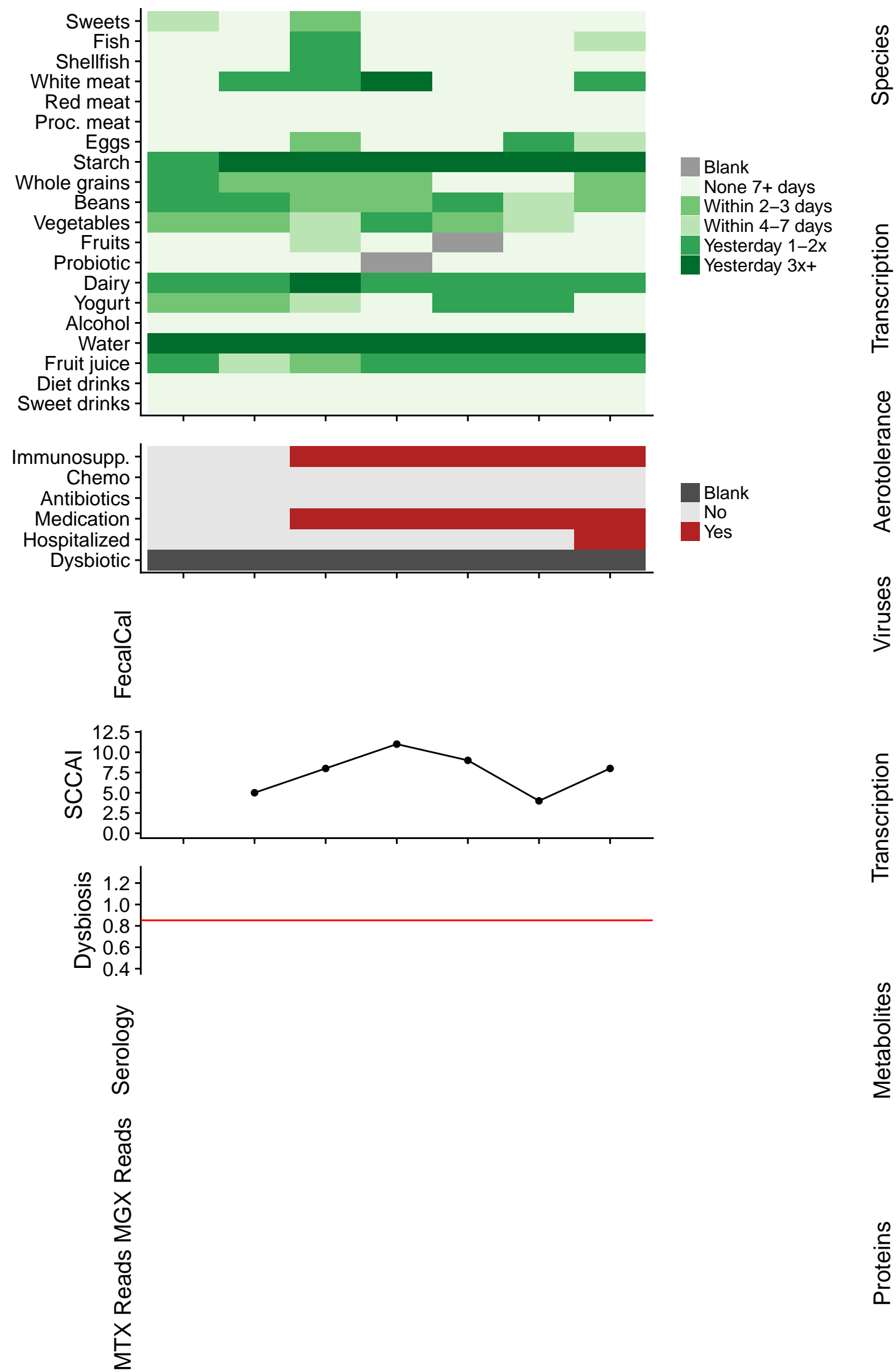
obligate anaerobe
aerotolerant
facultative anaerobe
unknown

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

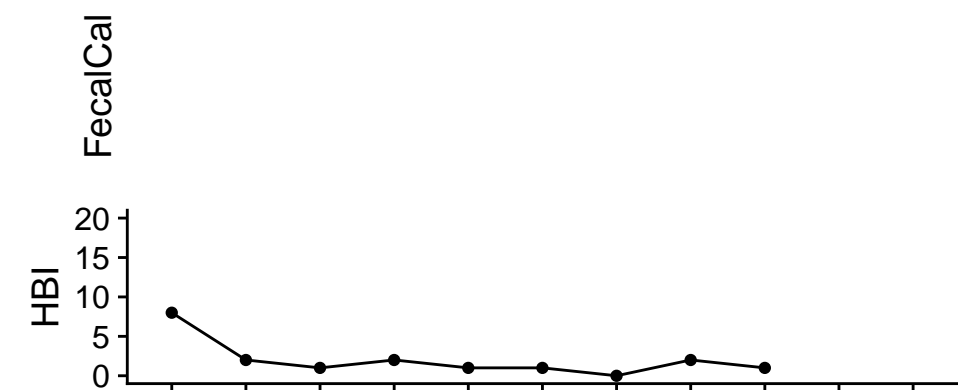
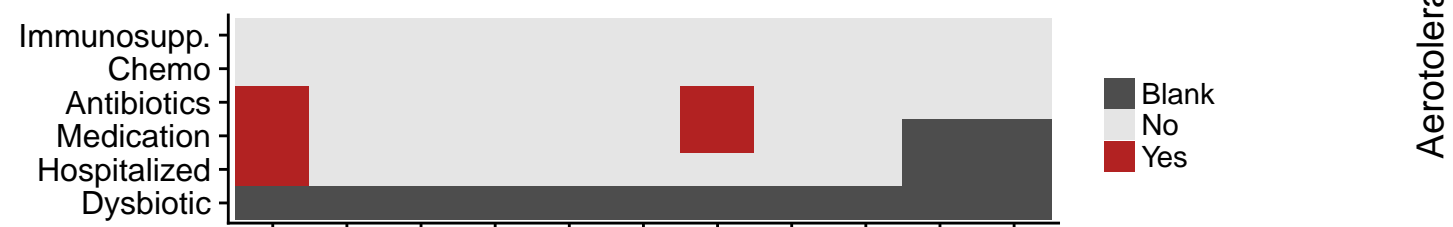
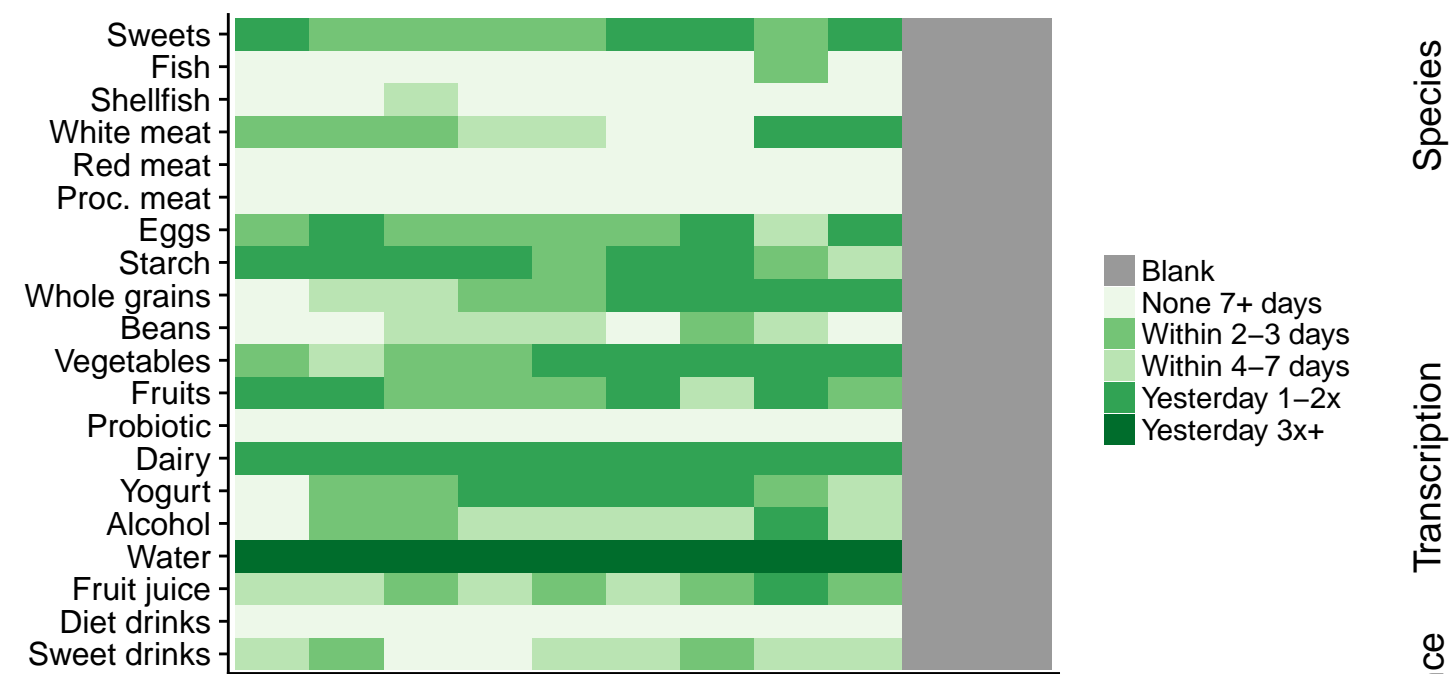
K00850: 6-phosphofructokinase 1 [EC:2.7.1....
K01755: argininosuccinate lyase [EC:4.3.2.1]
K02078: acyl carrier protein
K02358: elongation factor EF-Tu
K02906: large subunit ribosomal protein L3
K02911: large subunit ribosomal protein L32
K02914: large subunit ribosomal protein L34
K02926: large subunit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

10-nonadecenoate
7-methylxanthine
acetaminophen
alpha-ketoglutarate
beta-sitosterol
C16:0 LPC_A
hippurate
L-urobilin
N-acetylhistamine
NH4_C54:6 TAG
valine

M2098: 25 Female Refused MGH | UC



M2100: 21 Female White MGH | CD



Species

Transcription

Aerotolerance

Viruses

Transcription

Metabolites

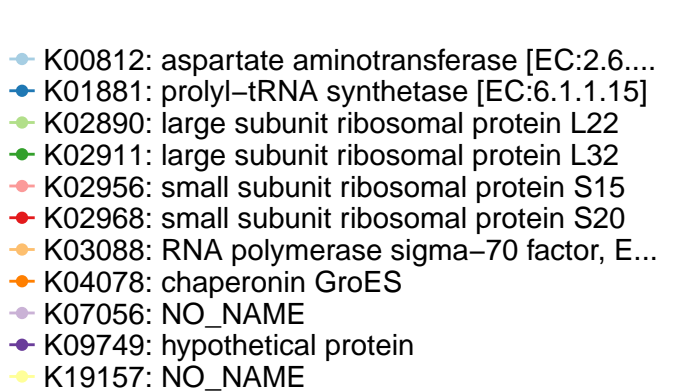
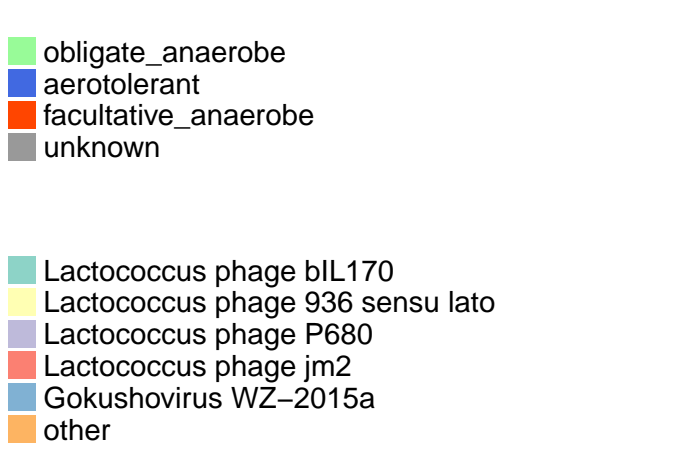
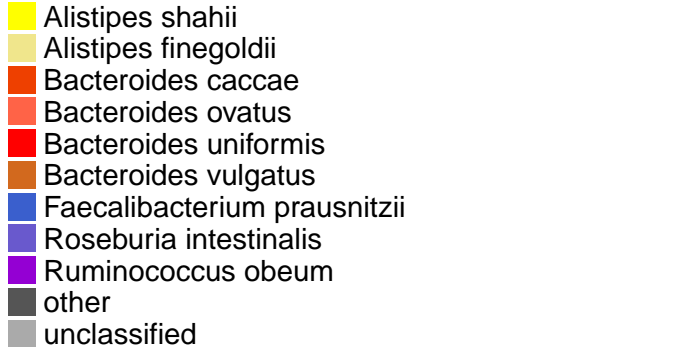
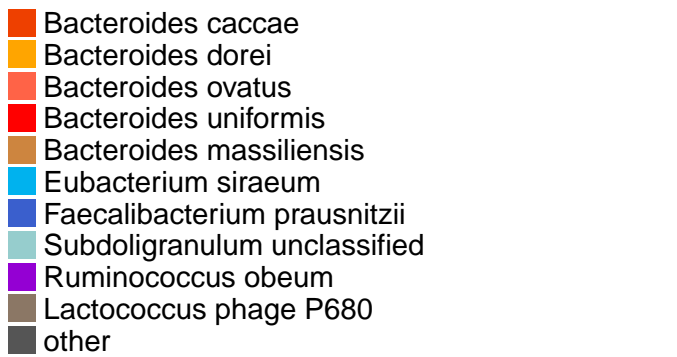
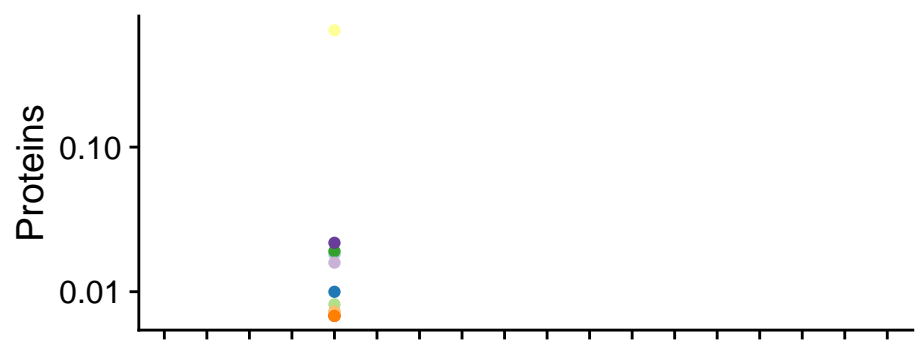
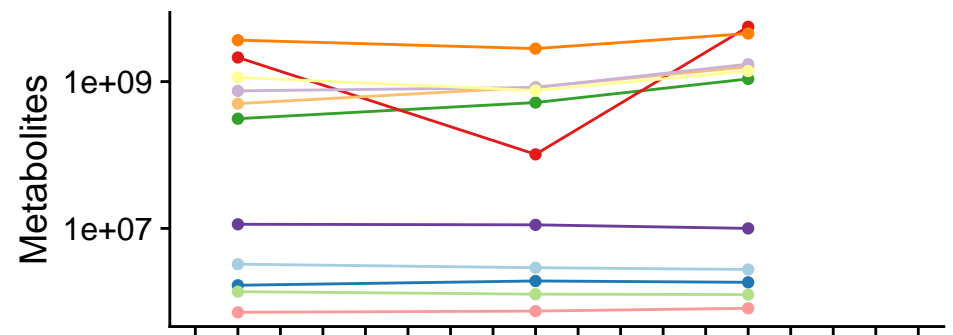
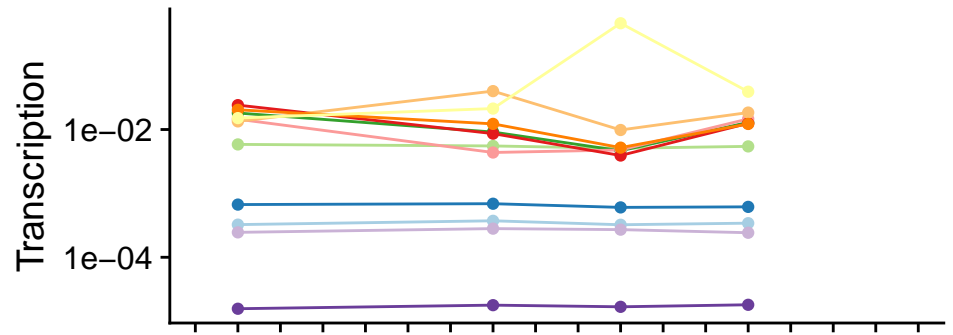
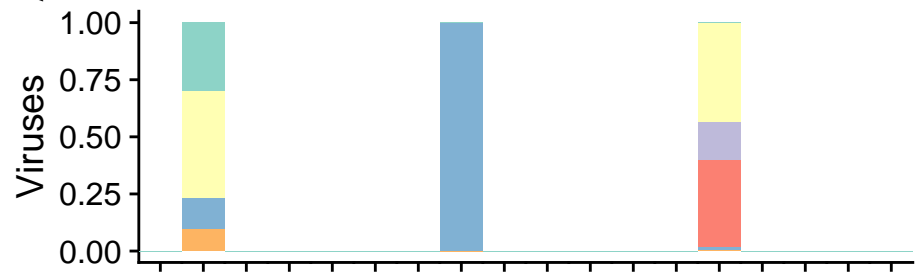
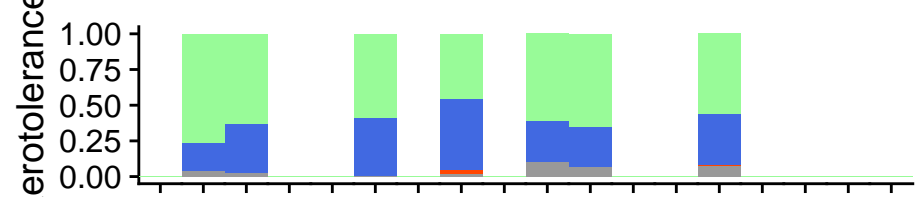
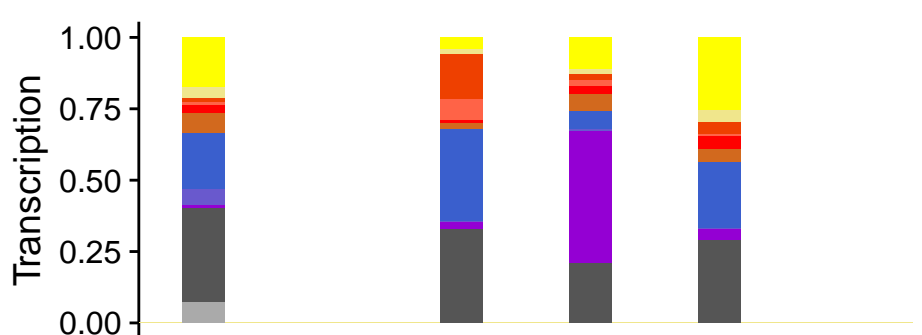
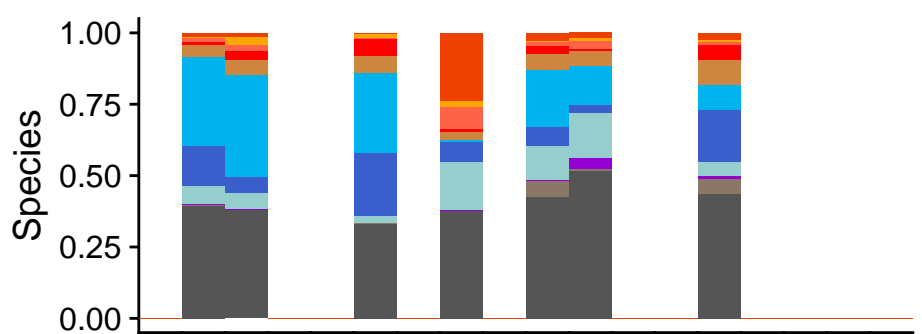
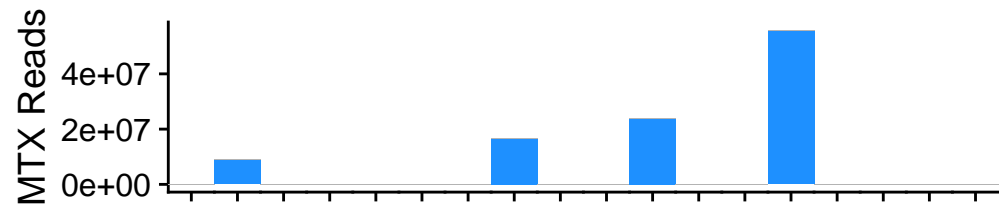
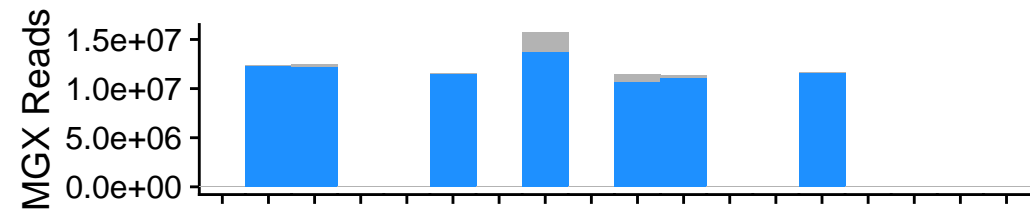
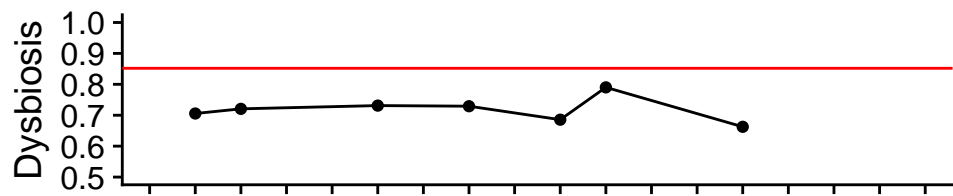
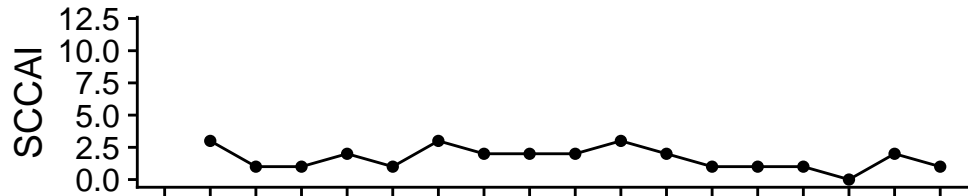
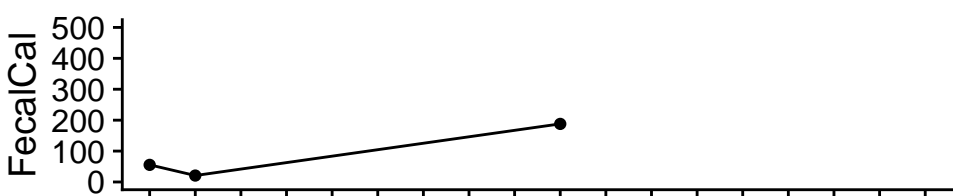
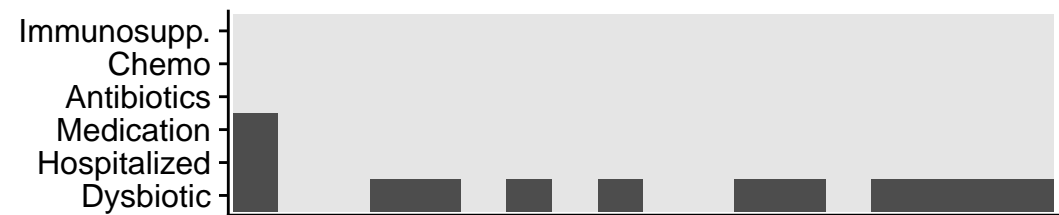
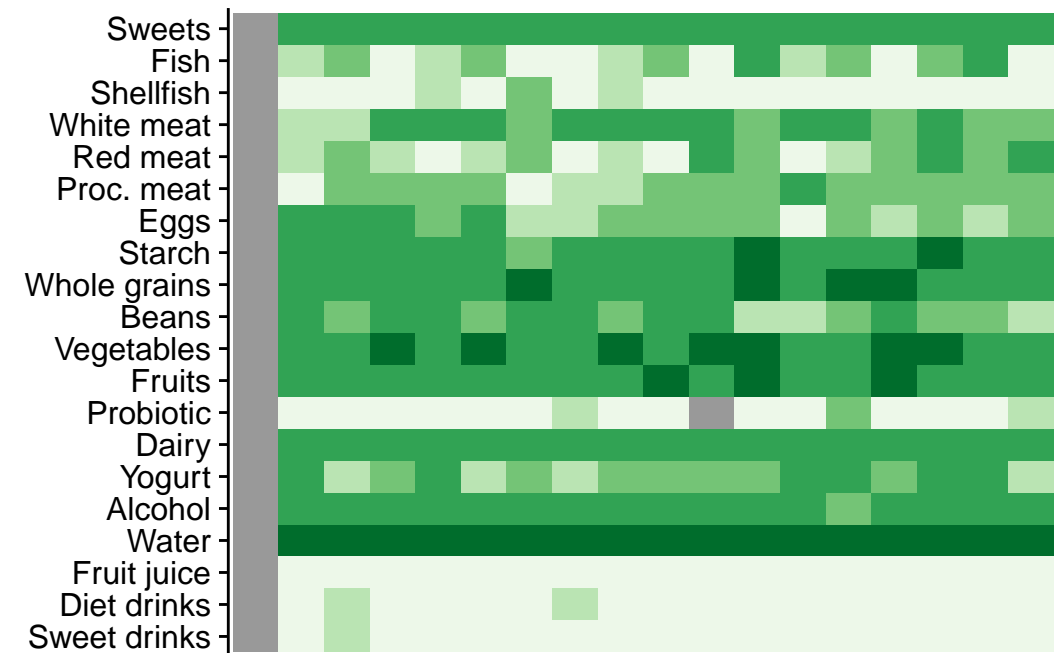
Proteins

Serology

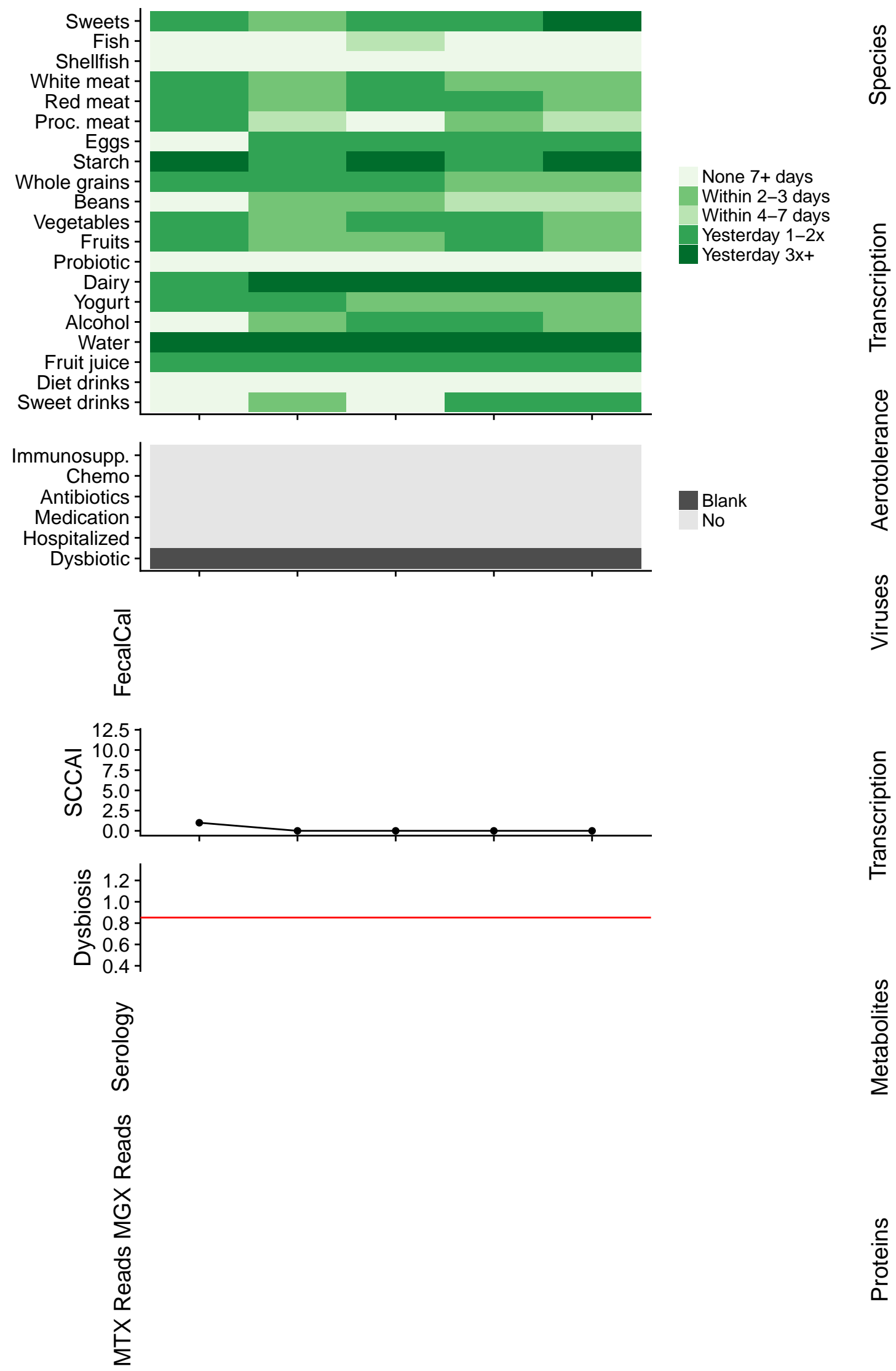
MGX Reads

MTX Reads

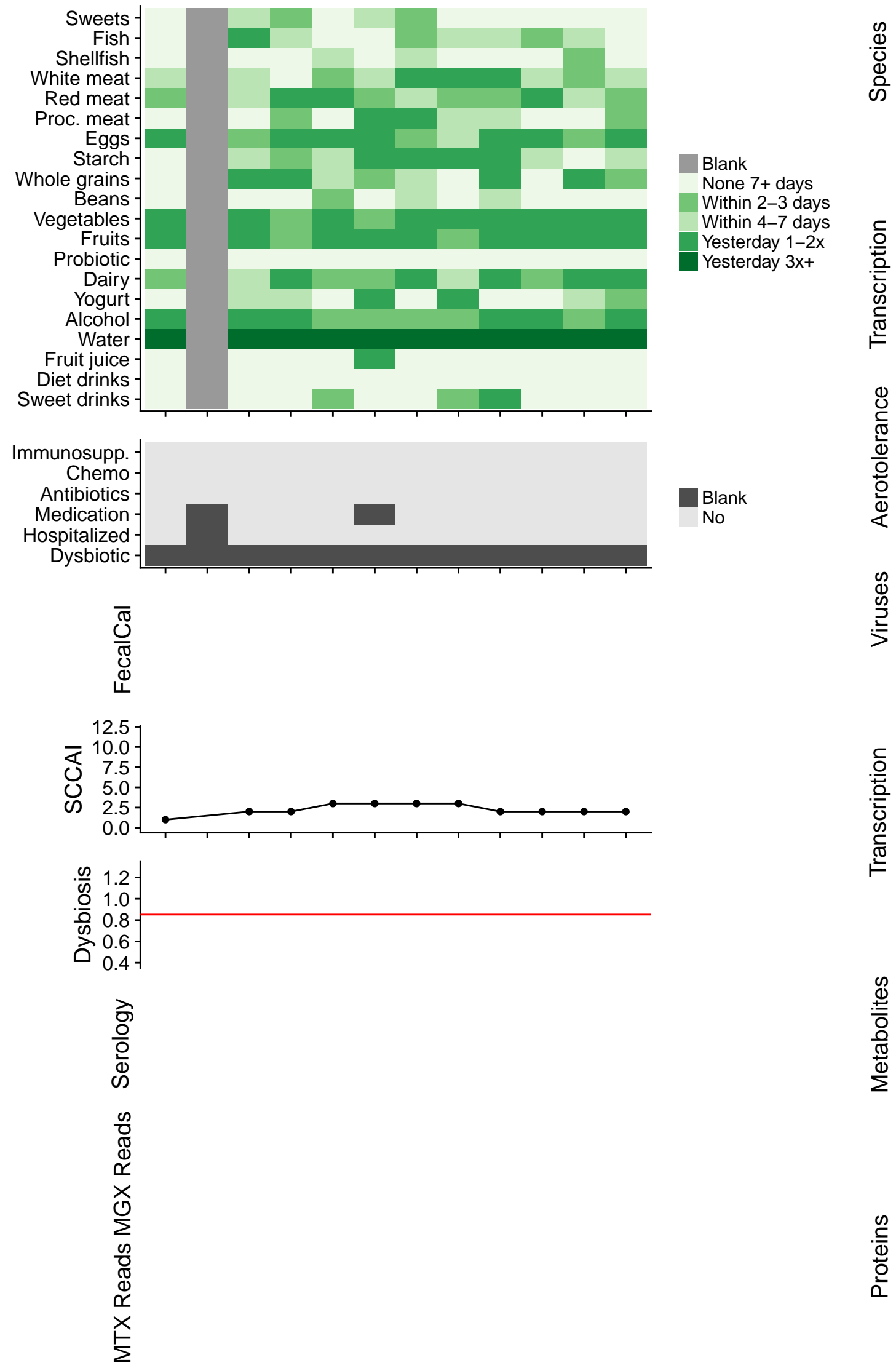
M2103: 35 Female White MGH | UC



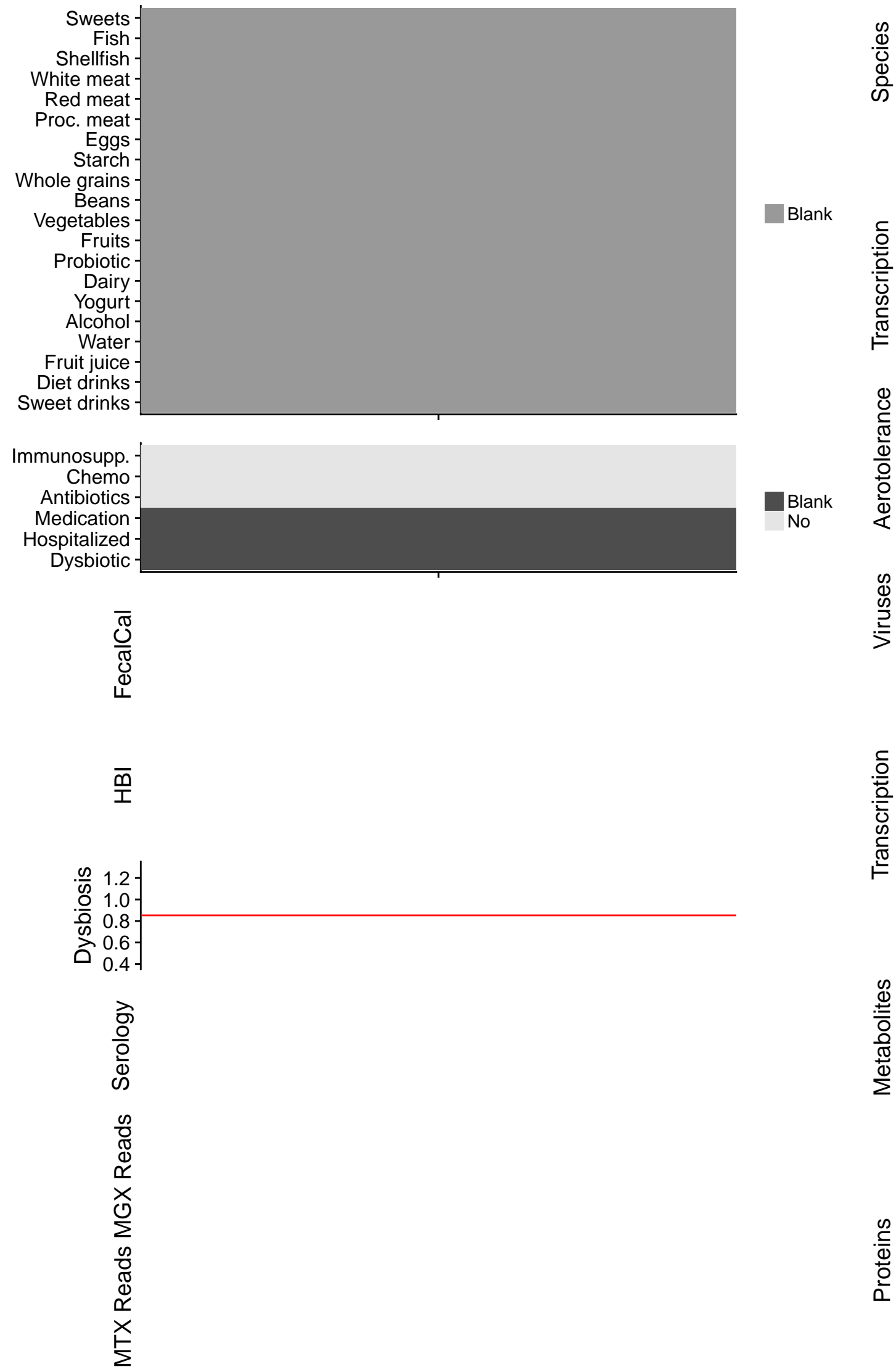
M2106: 31 Male More than one race MGH | UC



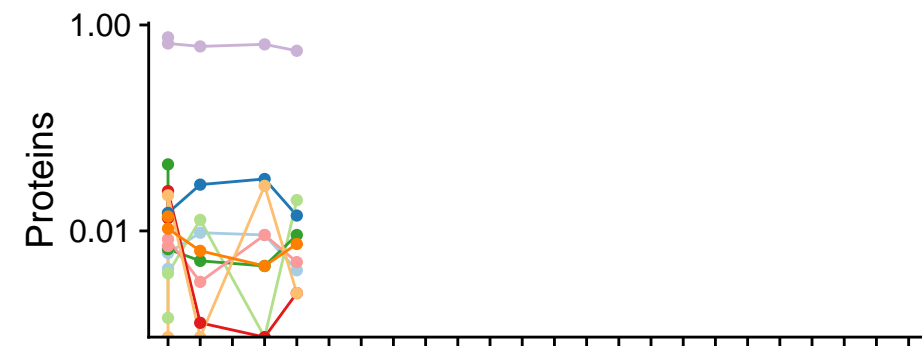
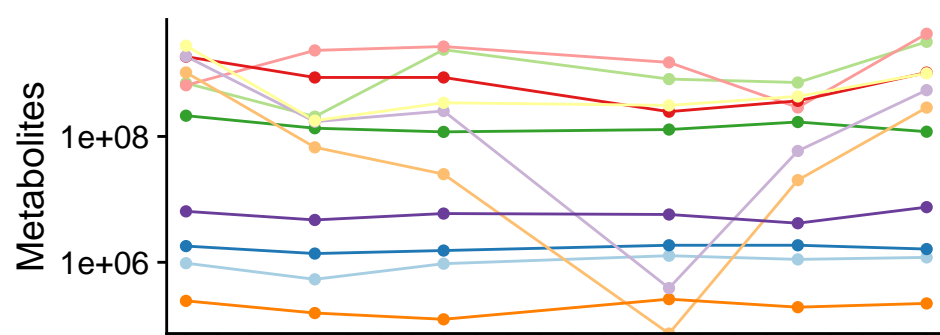
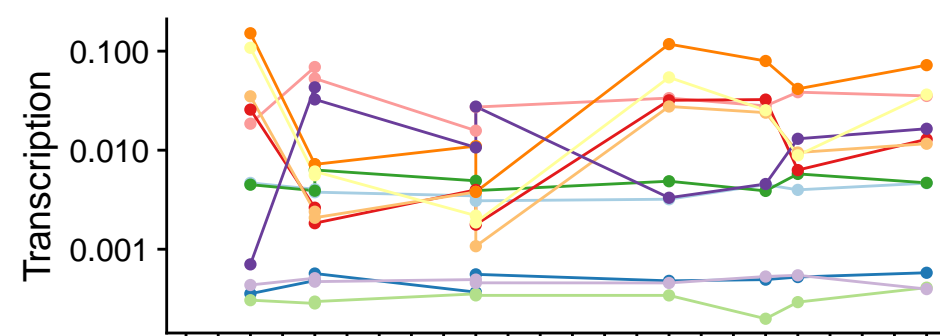
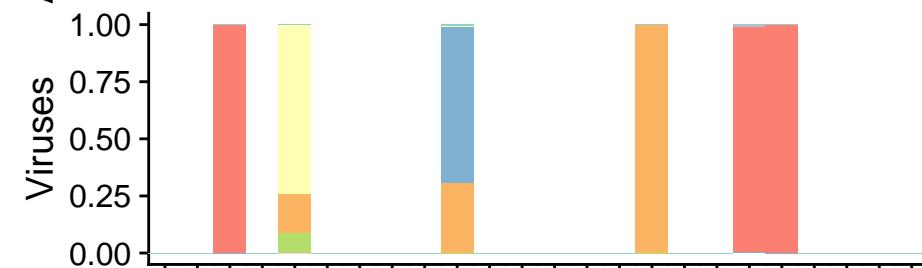
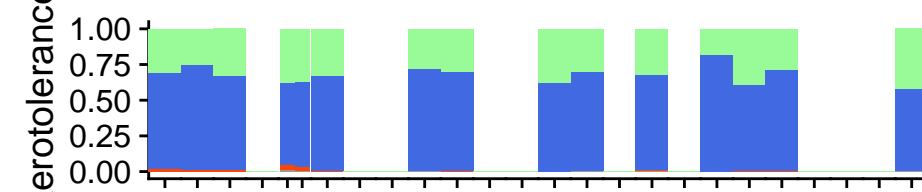
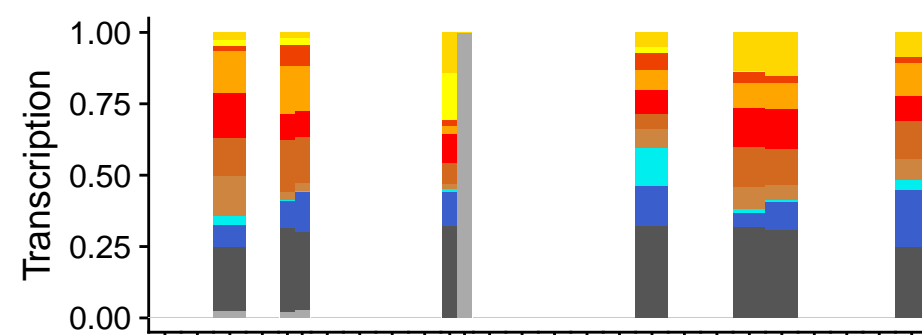
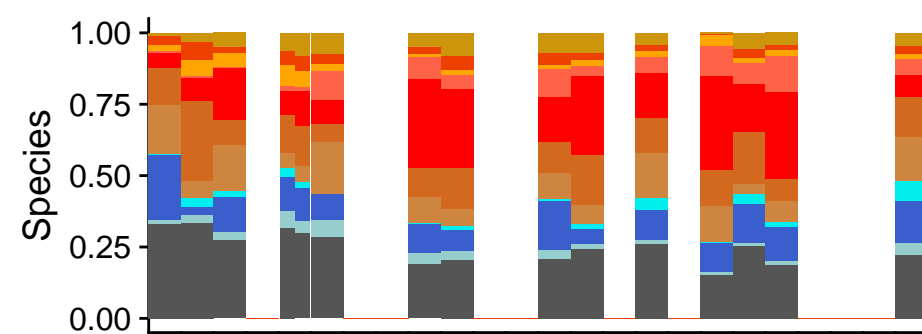
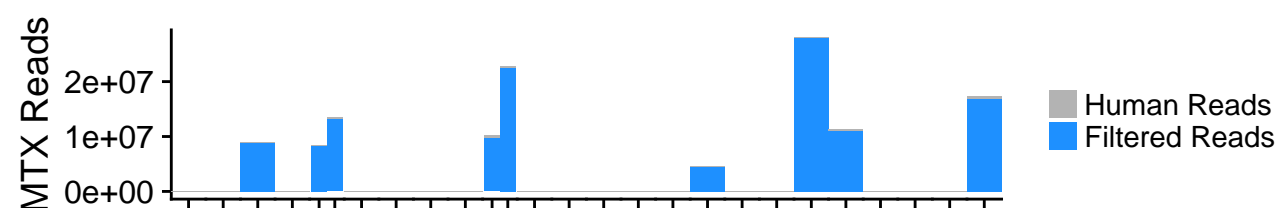
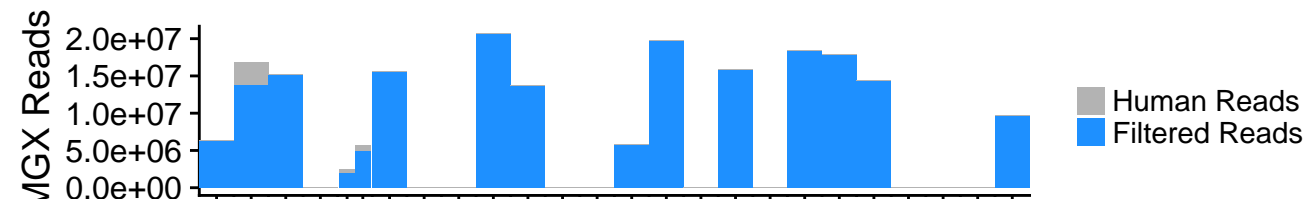
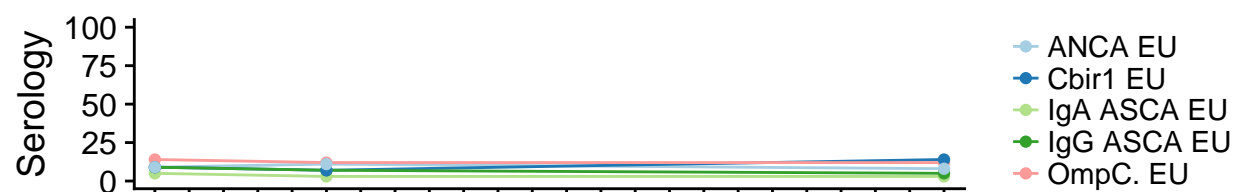
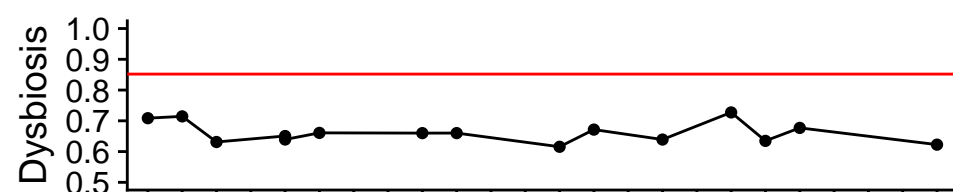
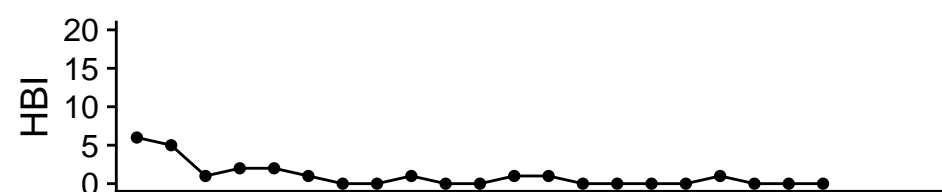
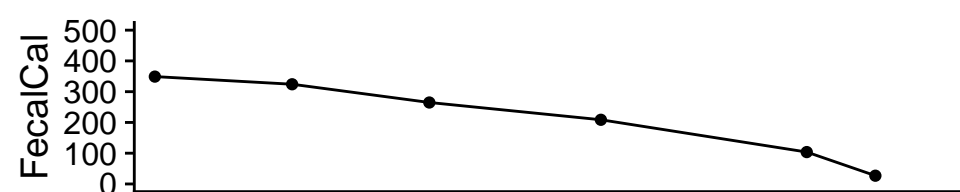
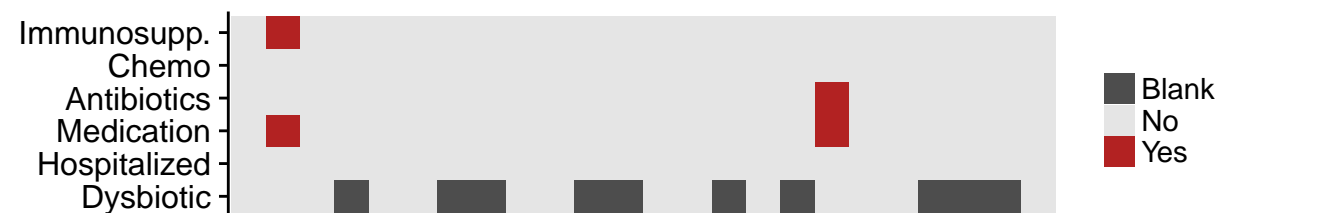
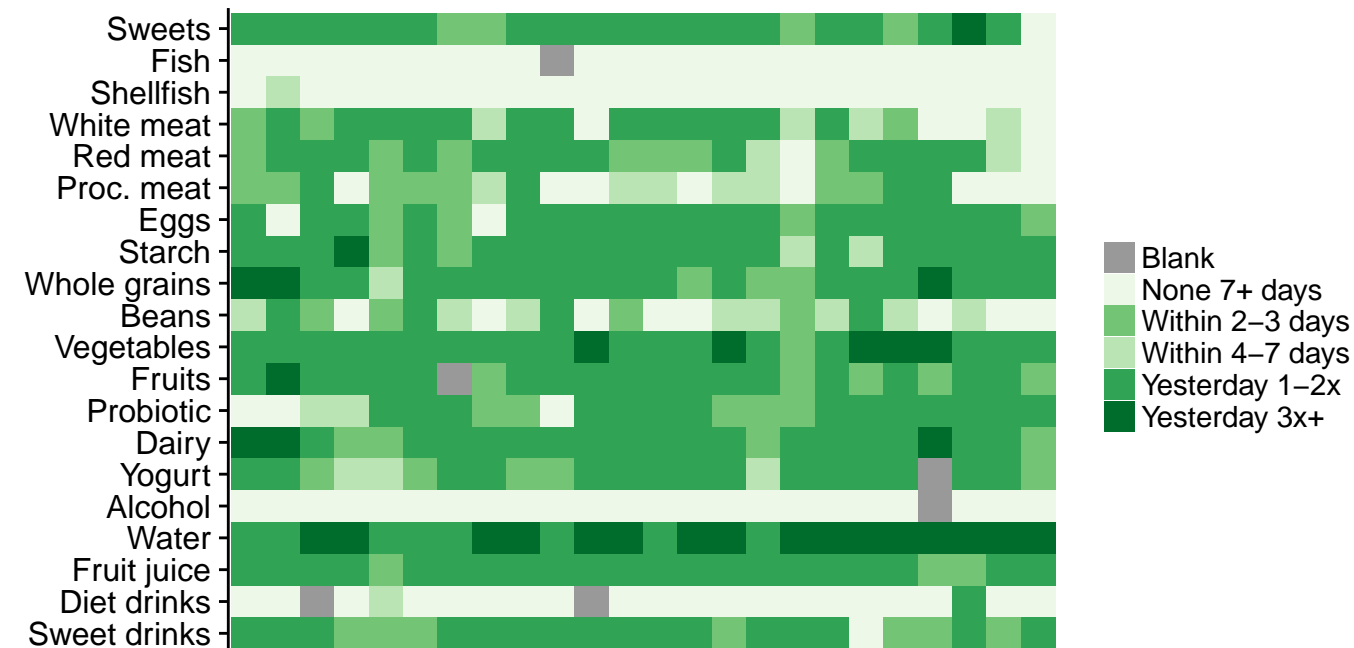
M2107: 31 Female White MGH | UC



P6002: 15 Female White MGH Pediatrics | CD L3



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



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

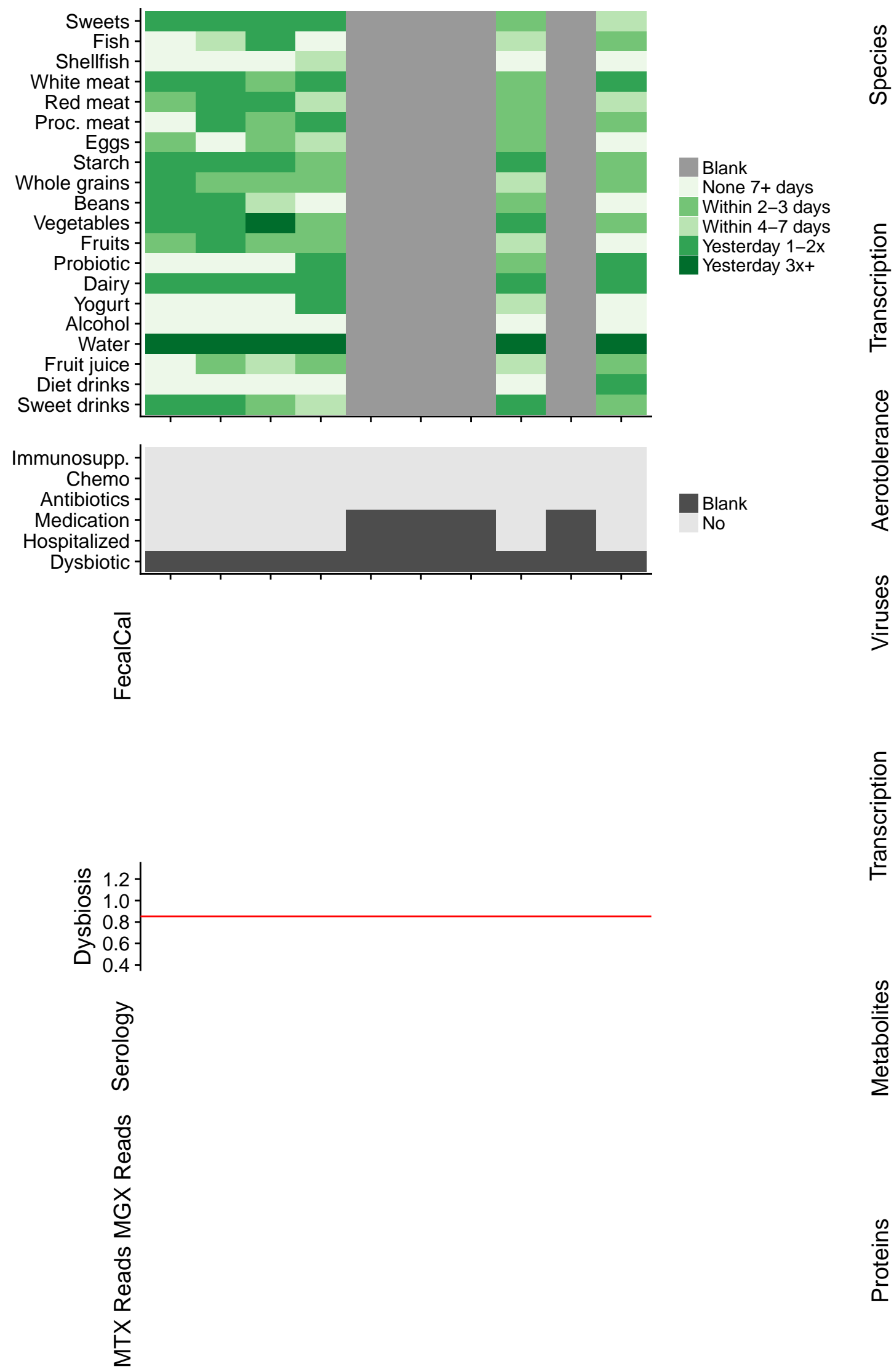
T7virus
Pseudomonas phage PPpW-4
 unclassified Siphoviridae
Gokushovirus WZ-2015a
Bell pepper mottle virus
Pepper mild mottle virus
Tobacco mild green mosaic virus
Tomato mosaic virus
 other

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

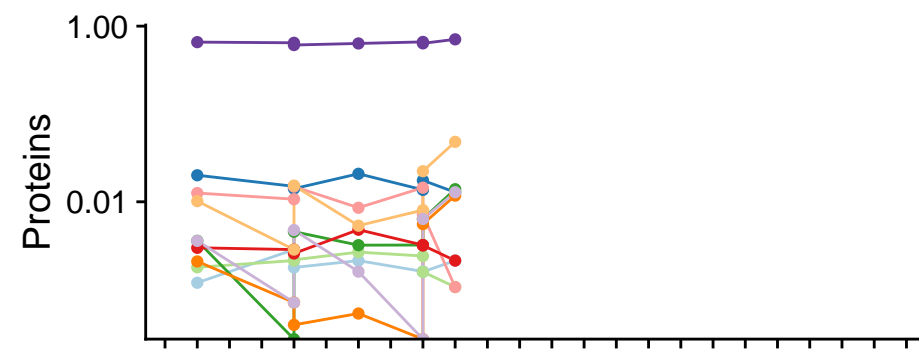
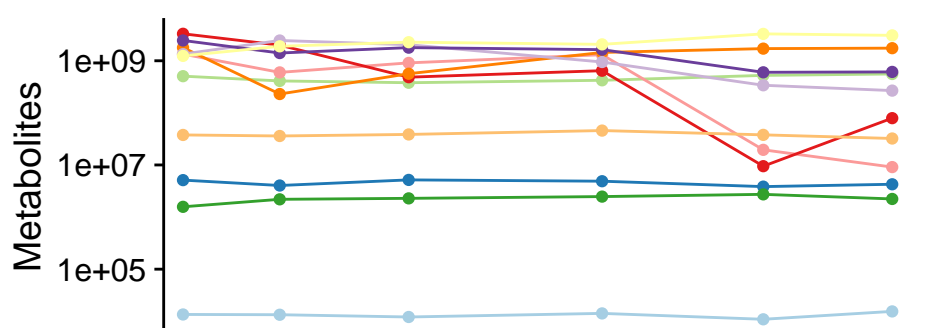
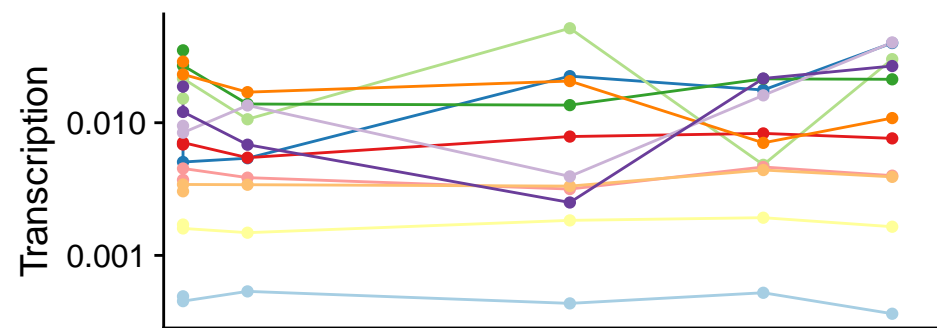
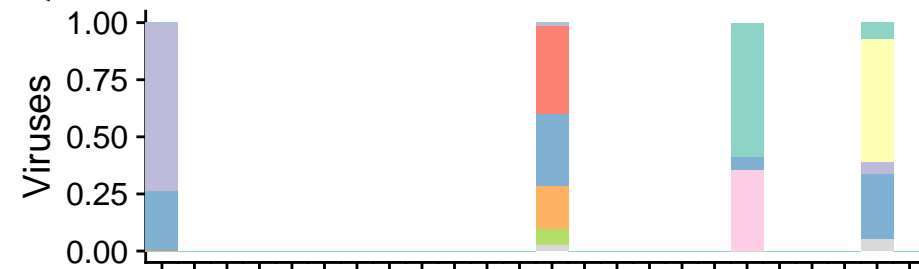
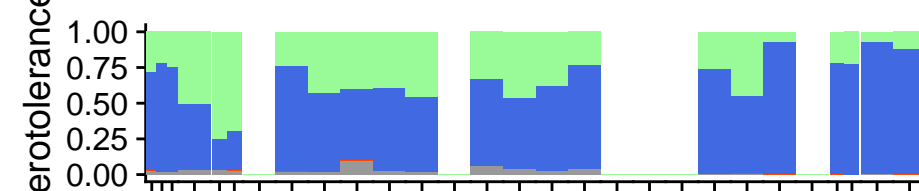
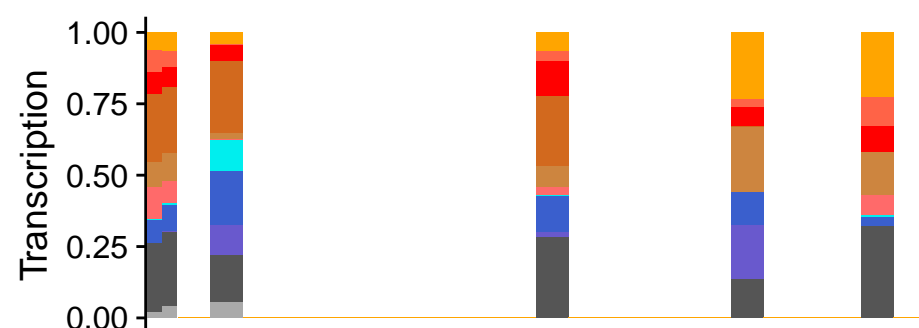
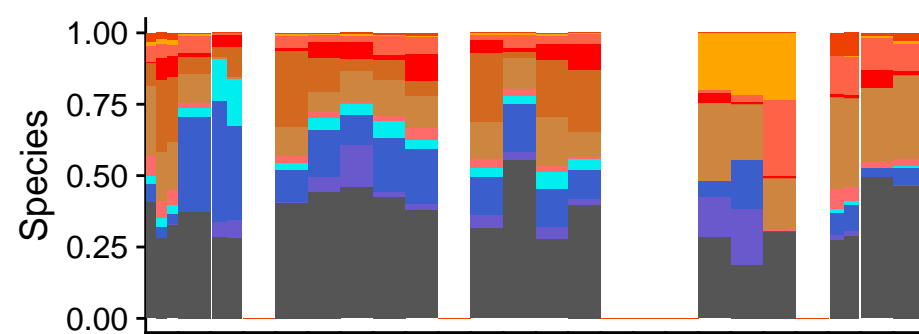
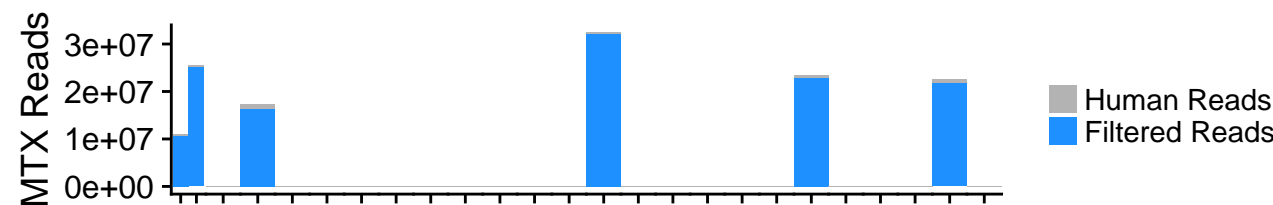
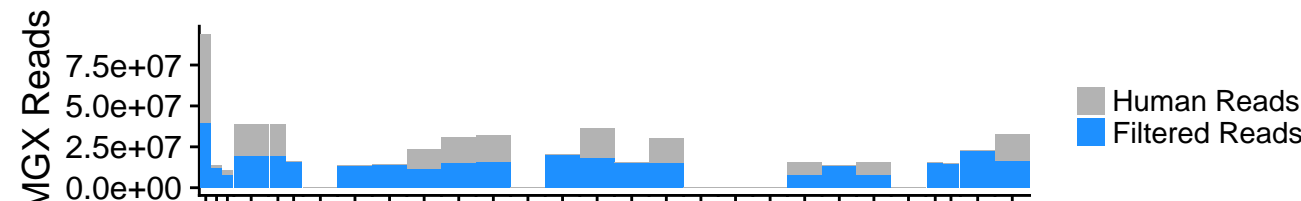
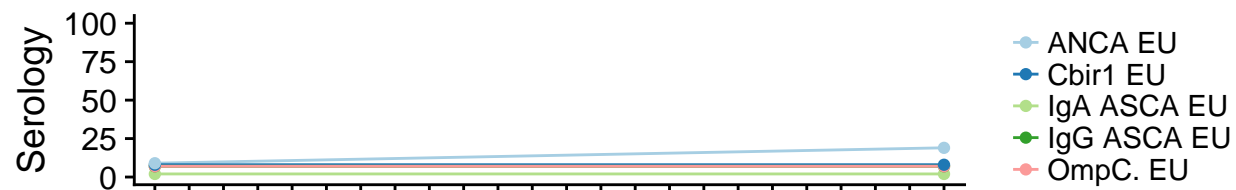
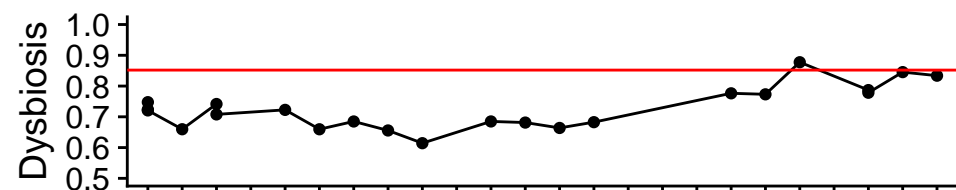
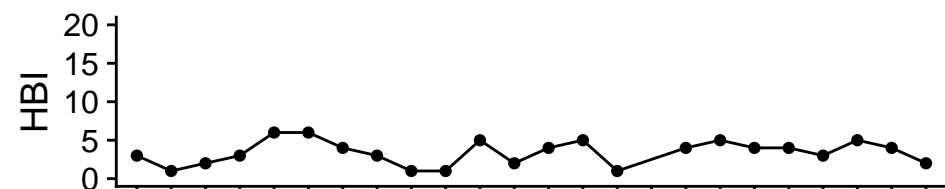
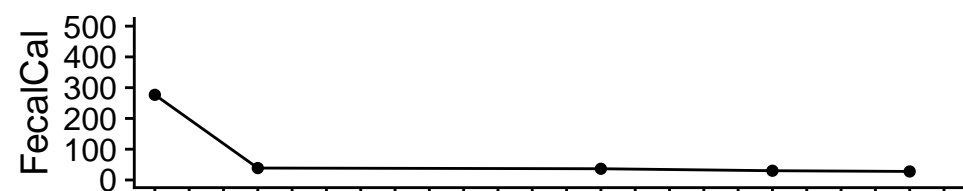
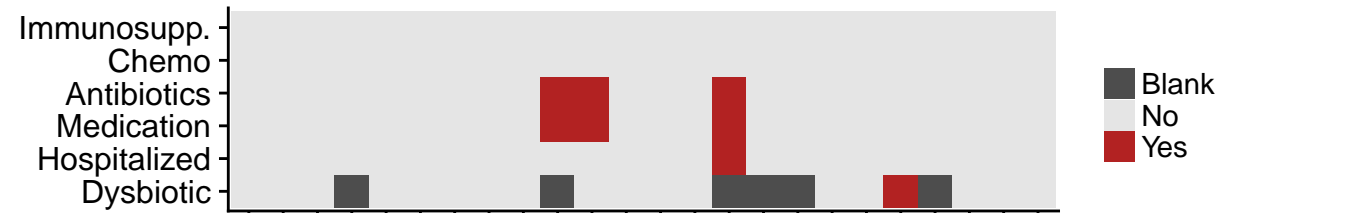
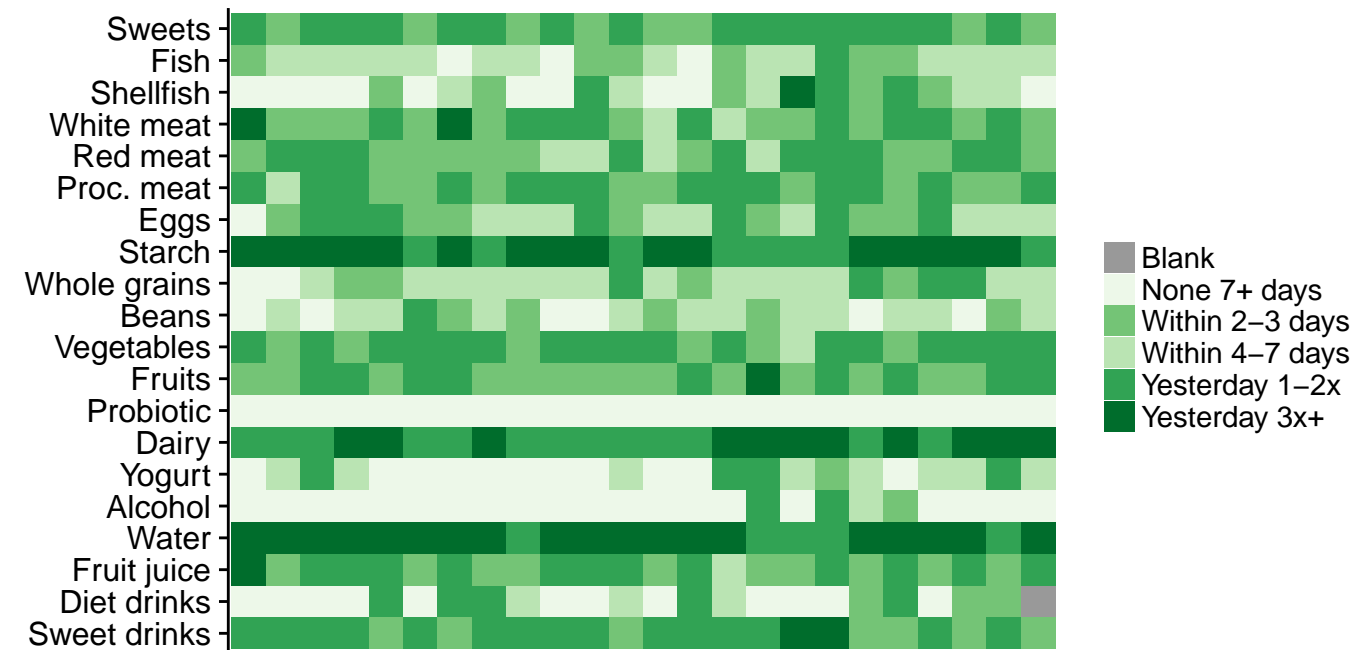
4-guanidinobutanoic acid
 azelate
 L-urobilin
 linoleate
 methylimidazole acetic acid
 N-acetylhistamine
 N1,N12-diacetylspermine
 salicylate
 spermidine
 valerate/isovalerate
 valine

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

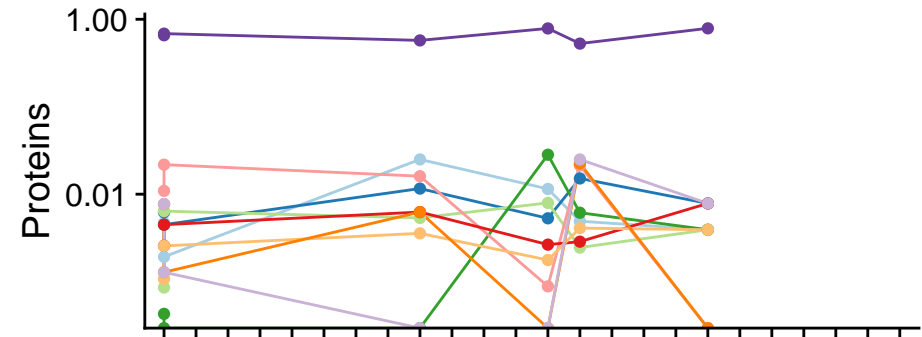
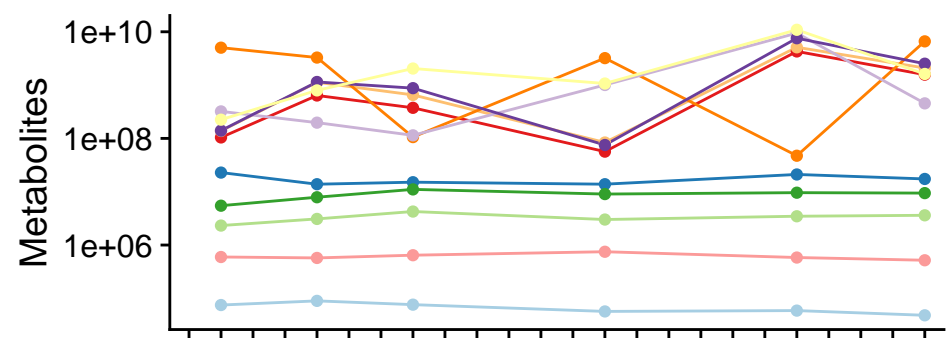
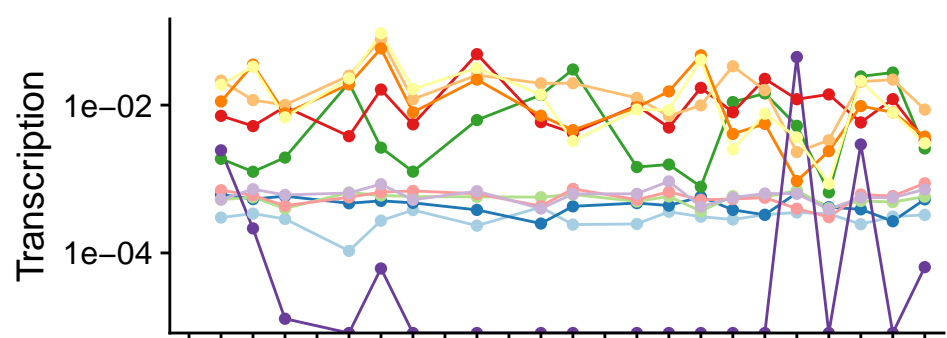
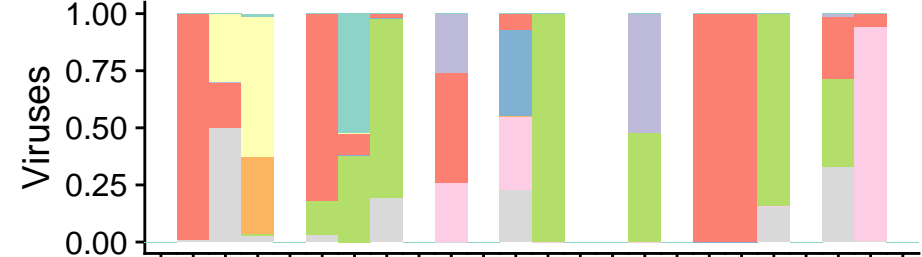
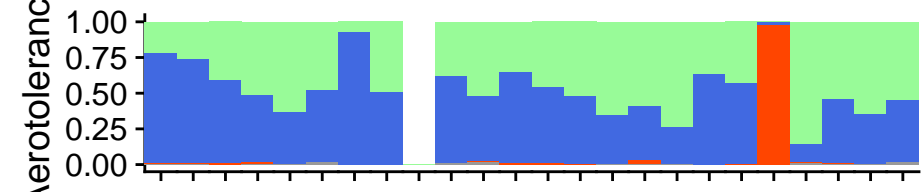
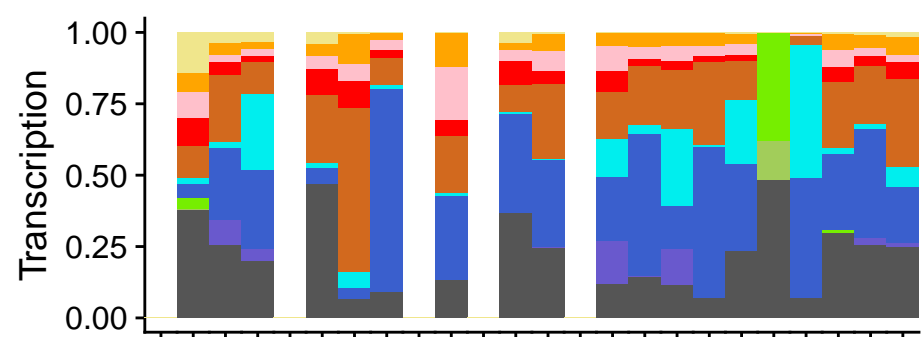
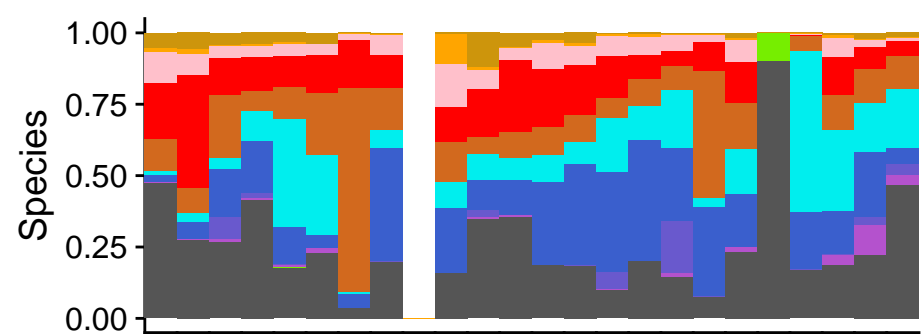
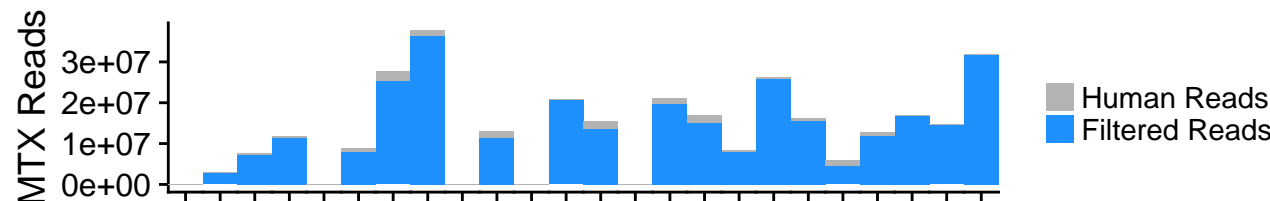
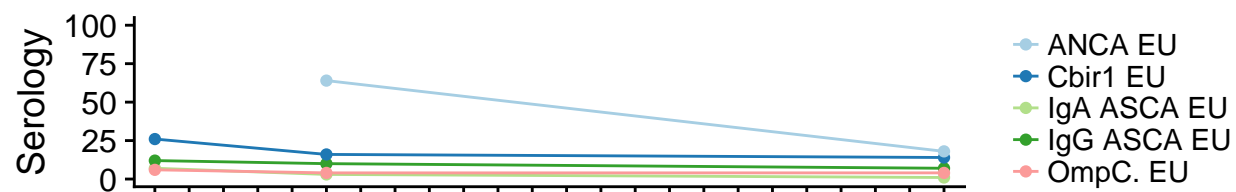
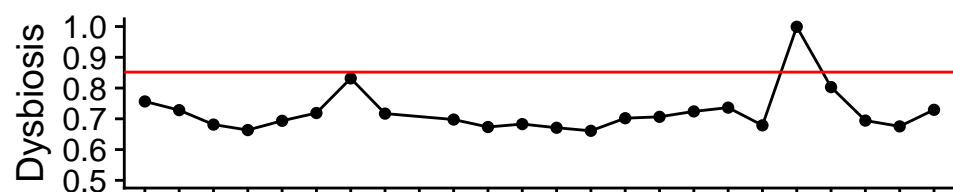
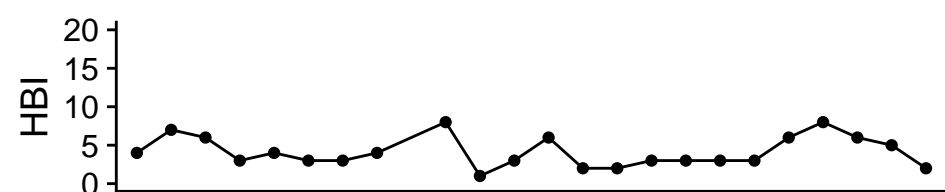
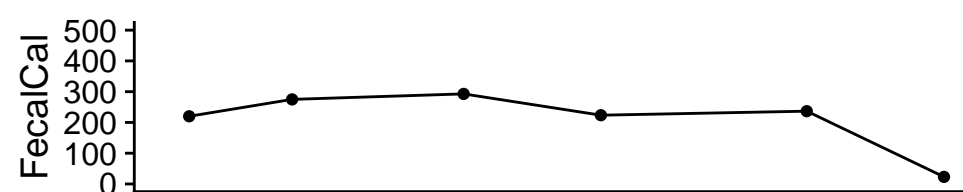
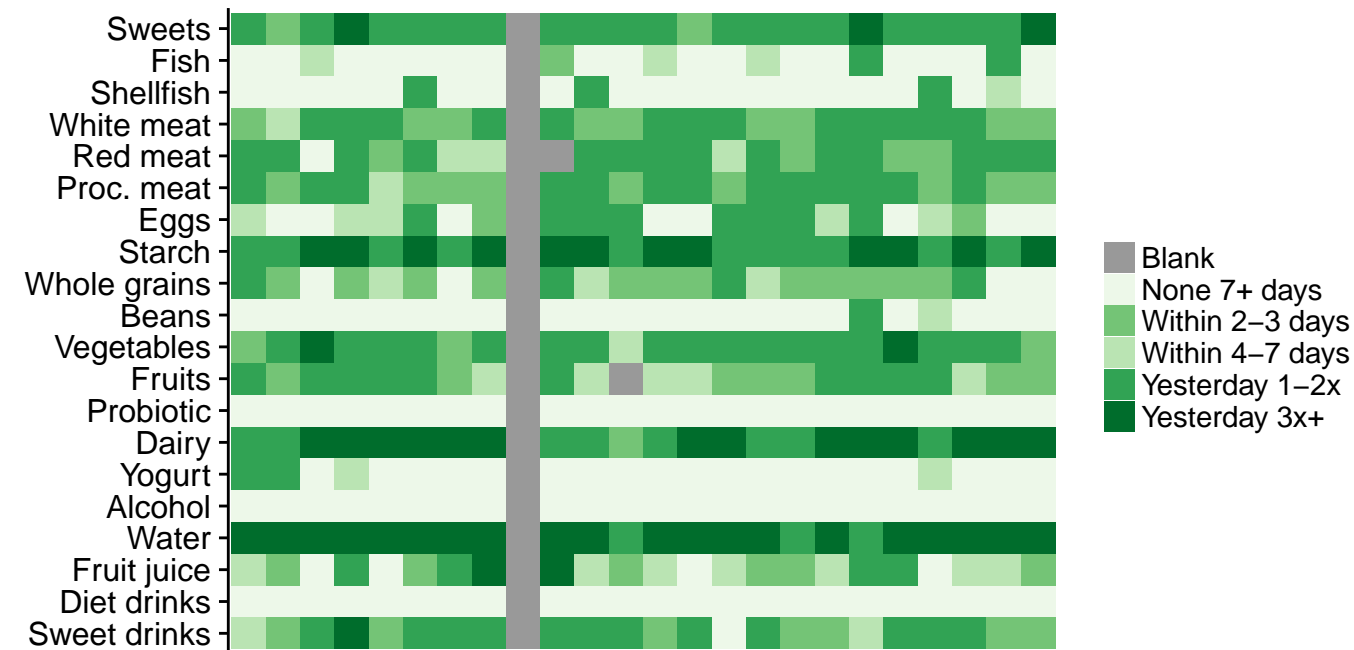
P6007: 16 Male White MGH Pediatrics | nonIBD



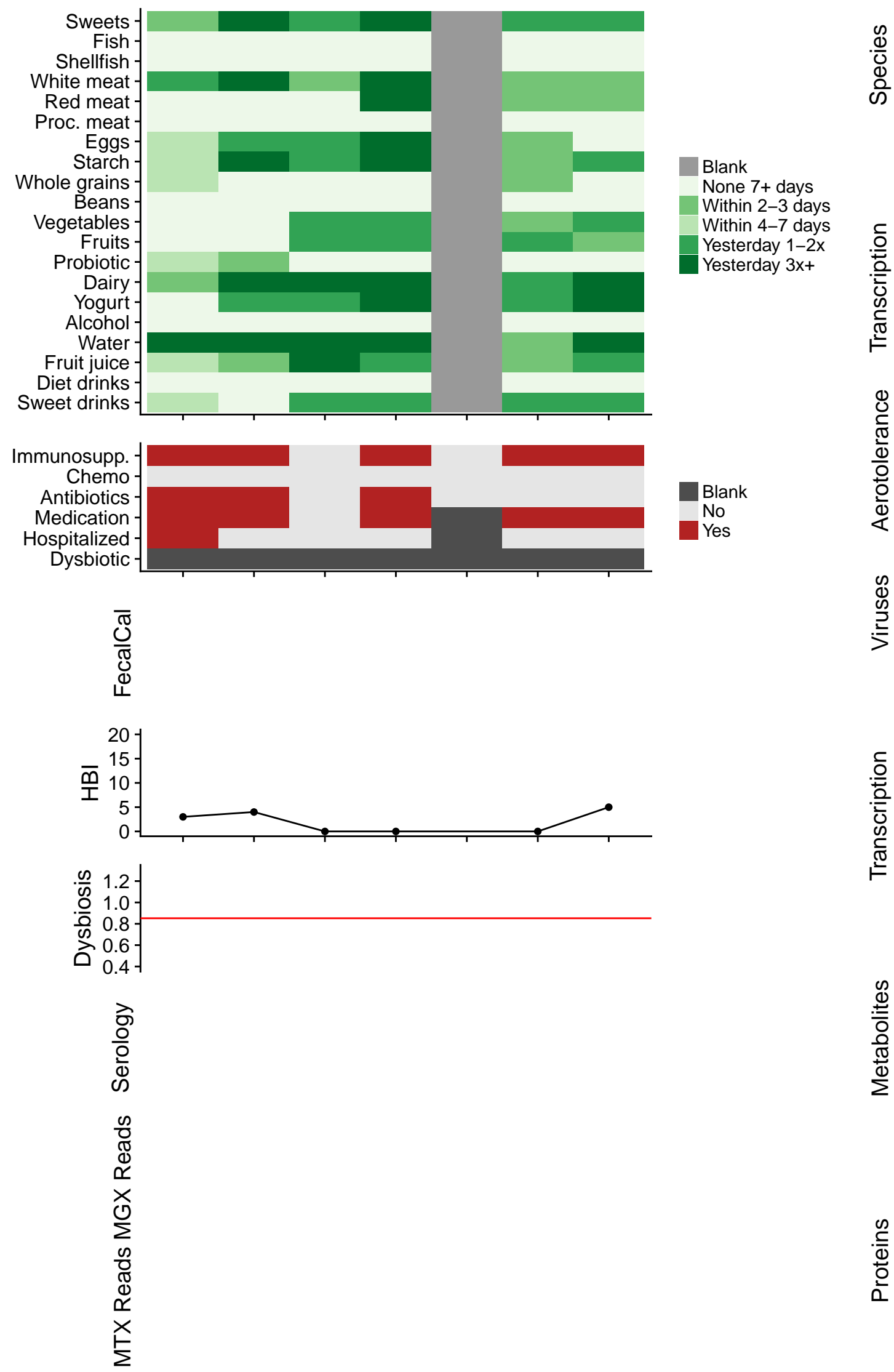
P6009: 16 Male White MGH Pediatrics | CD L2

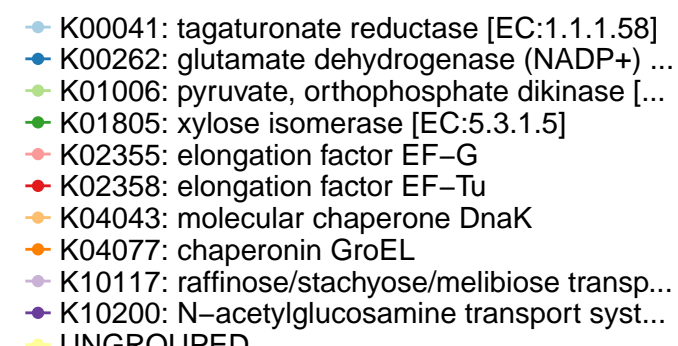
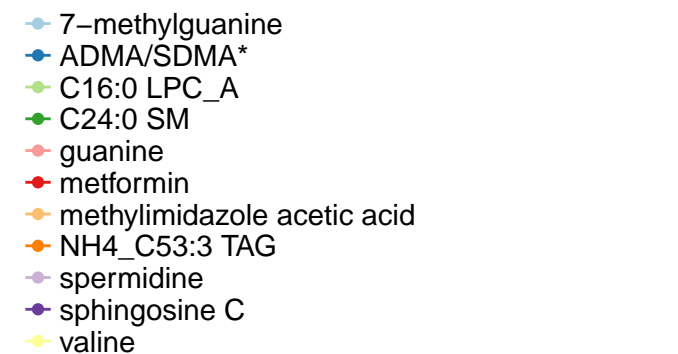
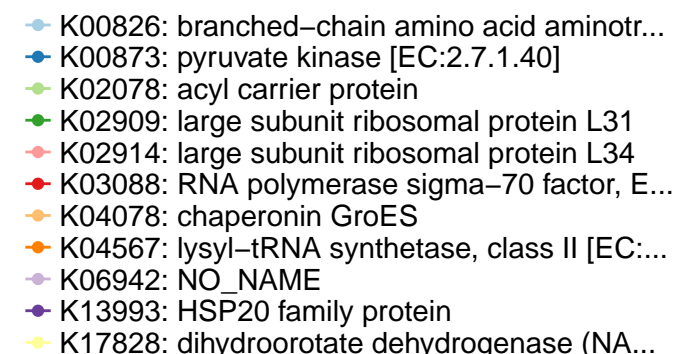
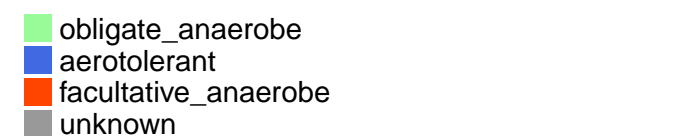
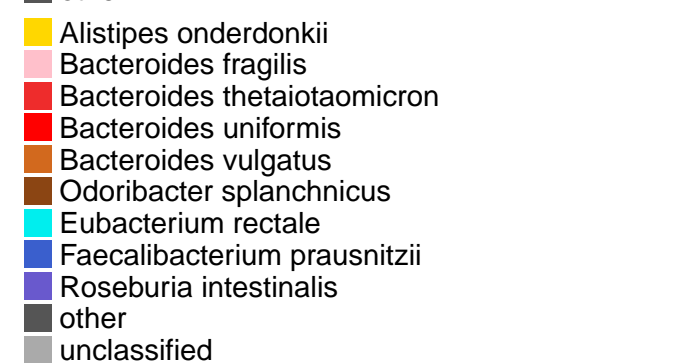
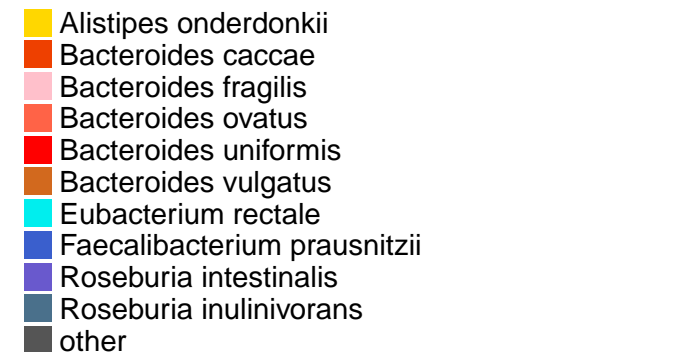
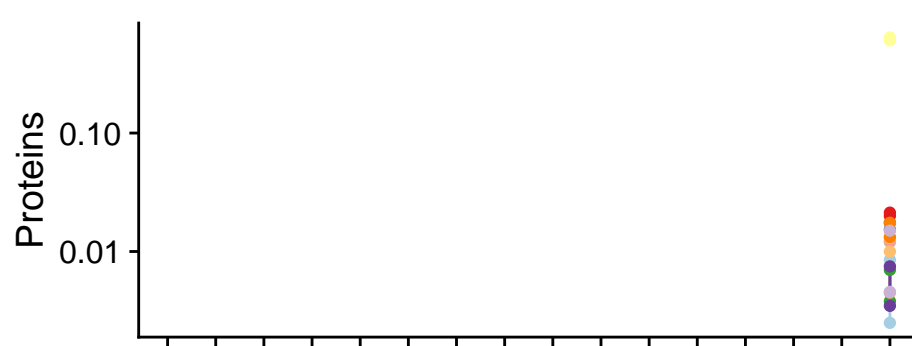
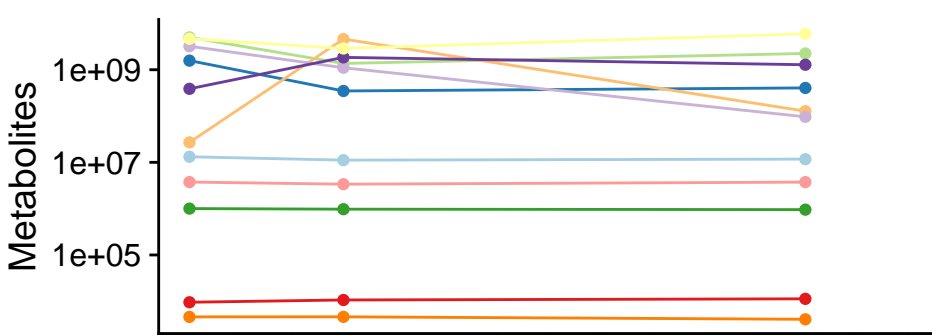
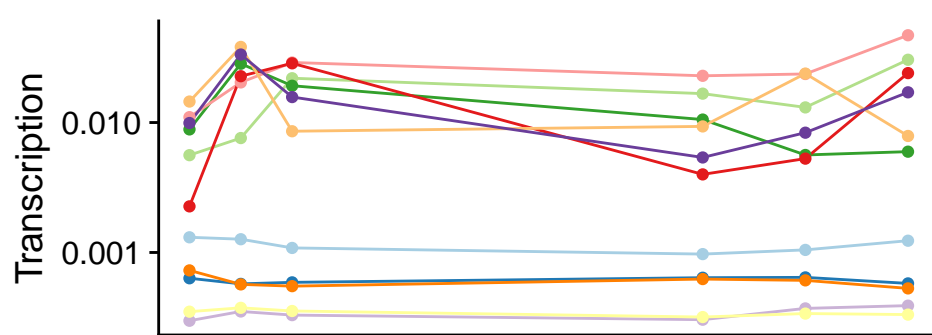
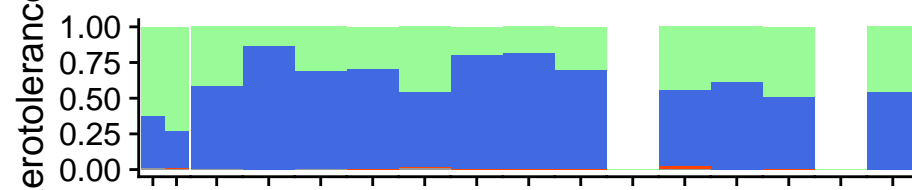
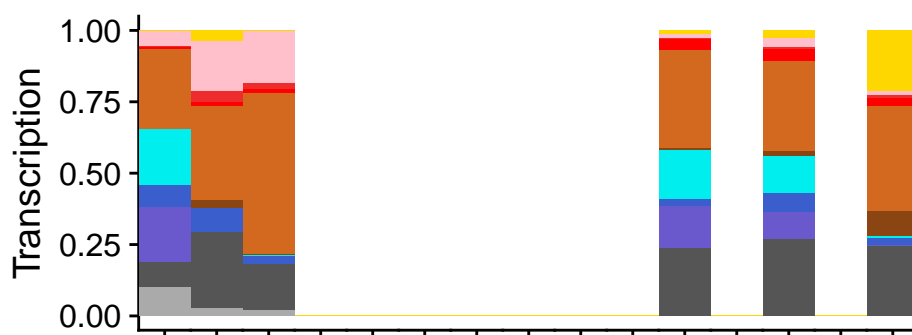
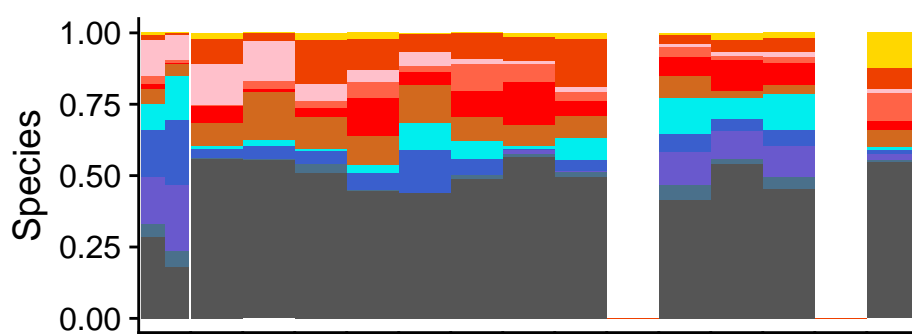
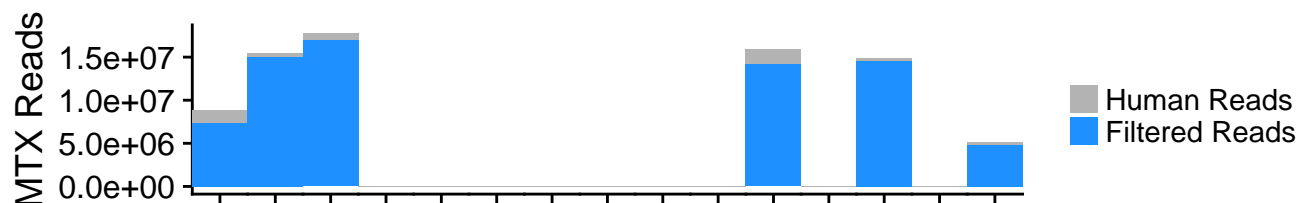
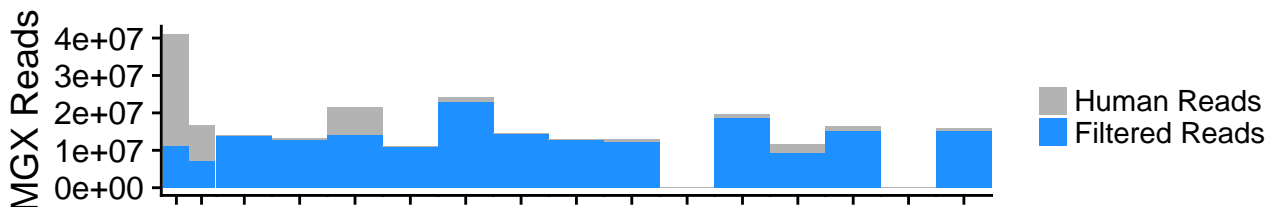
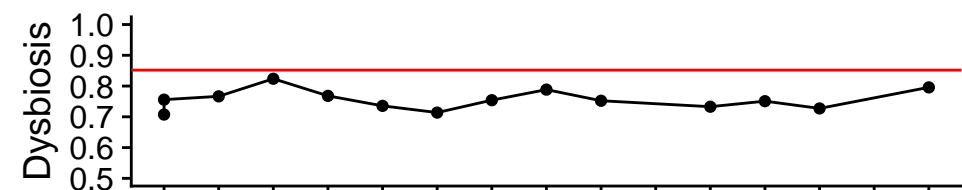
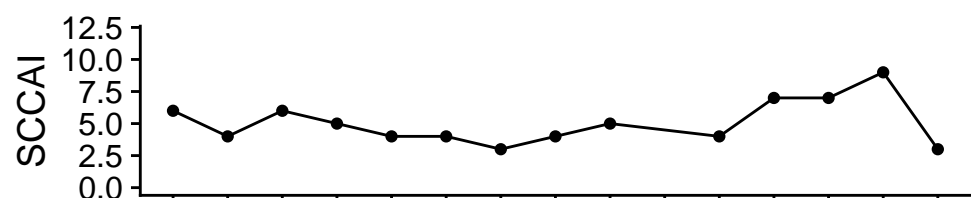
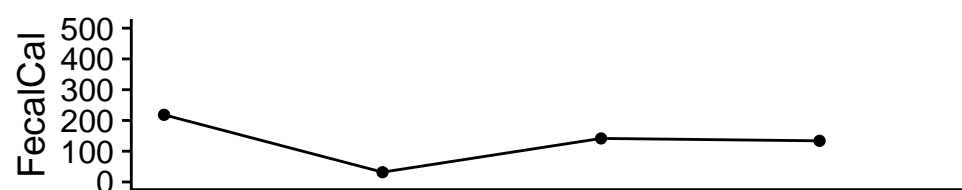
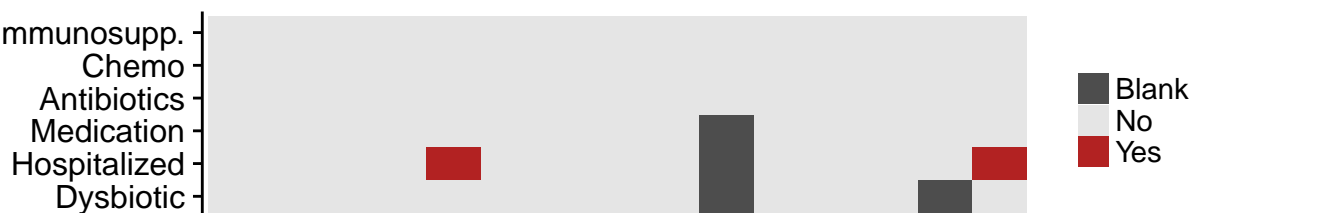
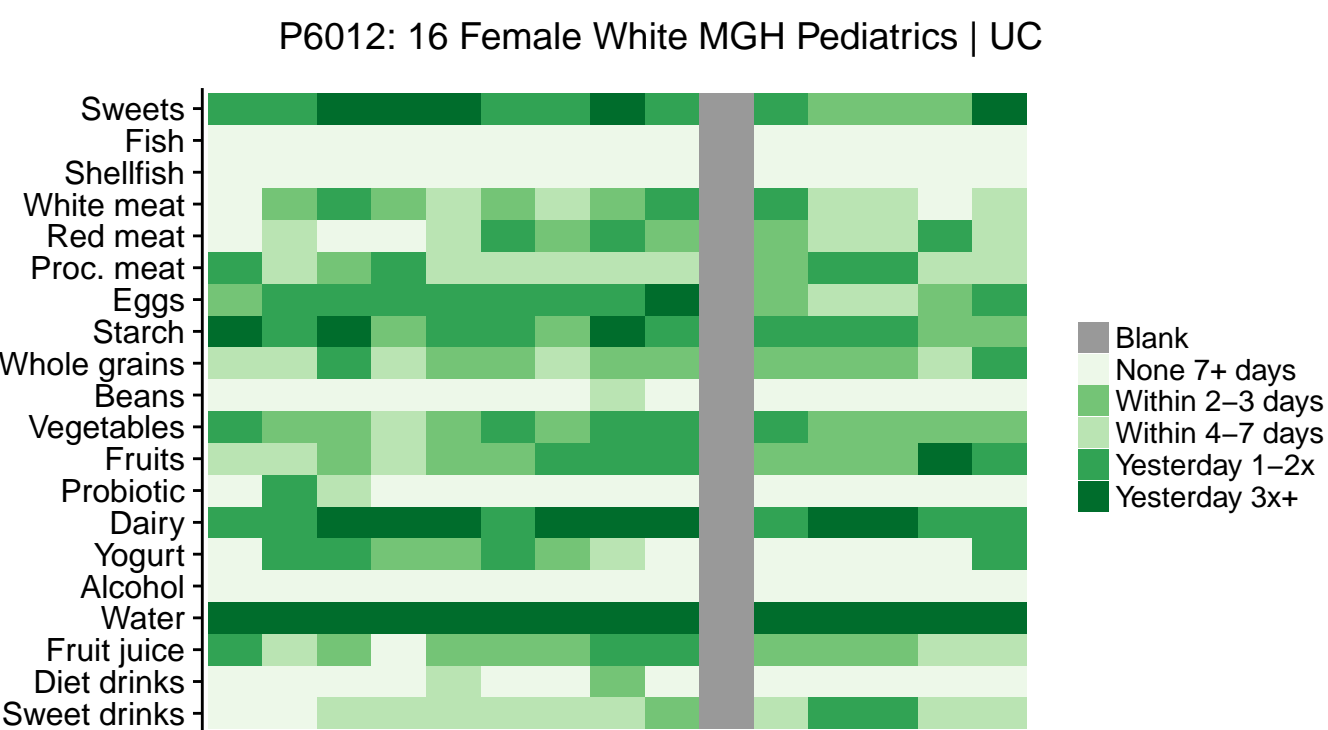


P6010: 10 Male White MGH Pediatrics | CD L3+L4

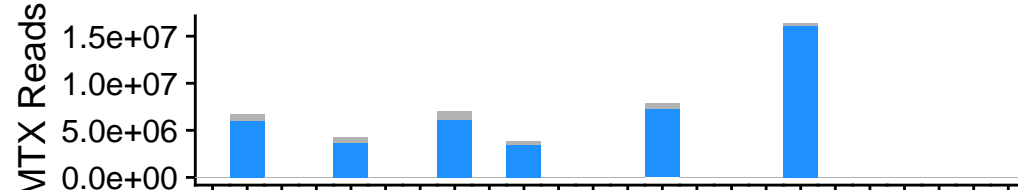
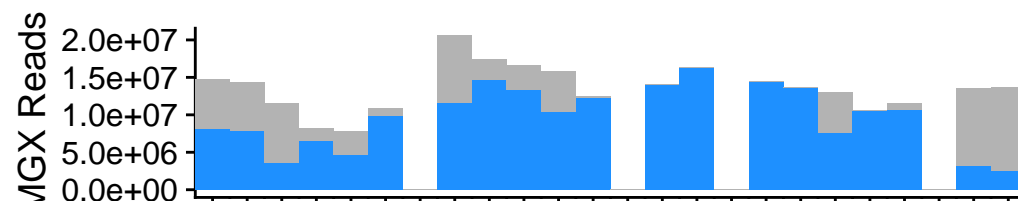
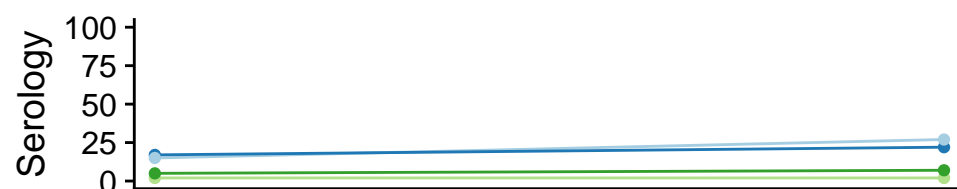
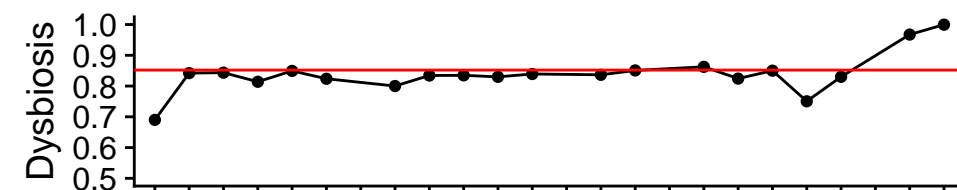
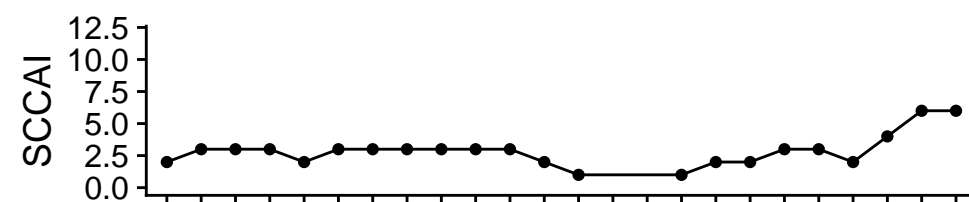
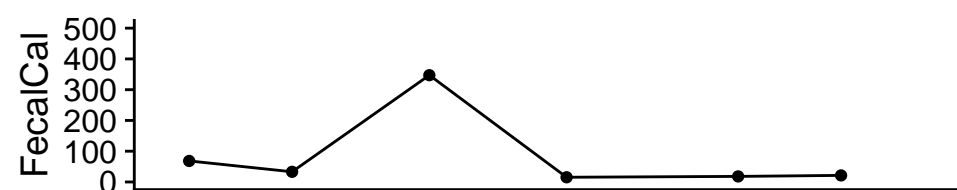
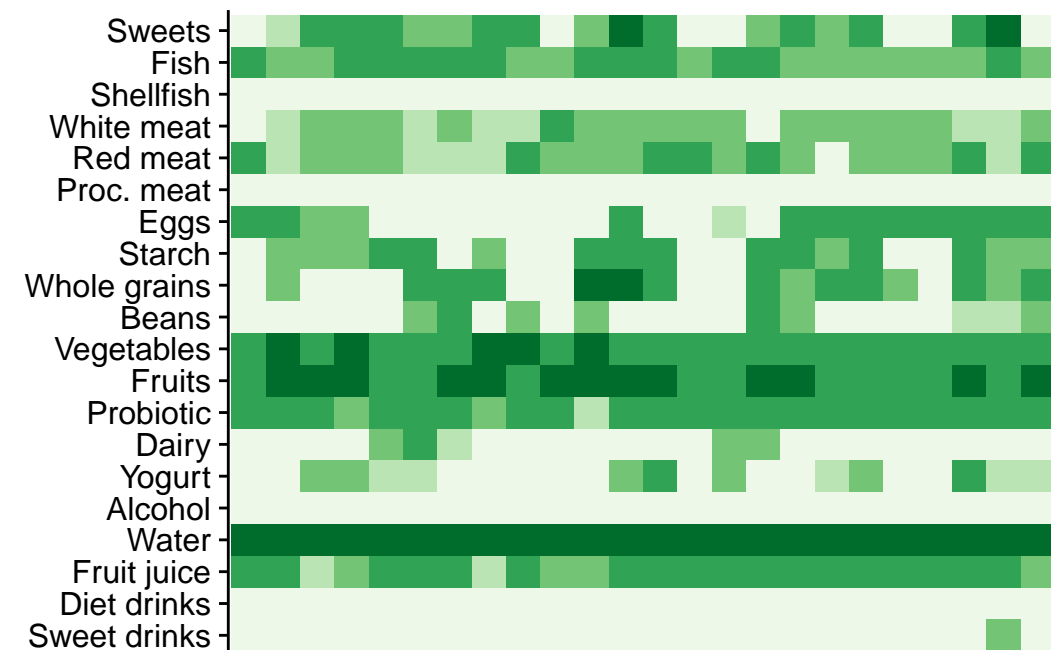


P6011: 16 Male White MGH Pediatrics | CD L2





P6013: 6 Male White MGH Pediatrics | UC



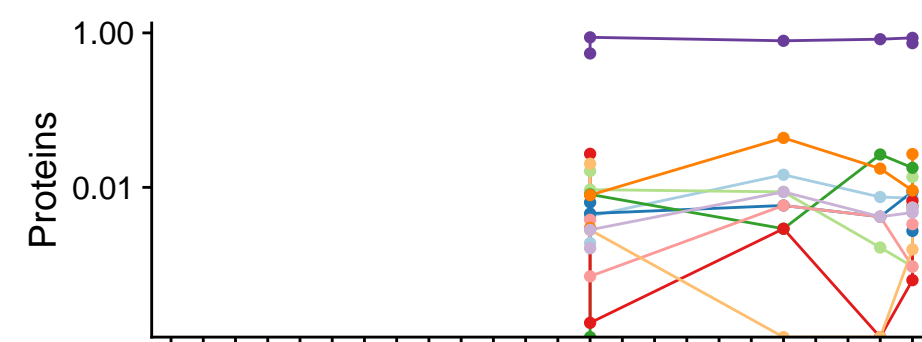
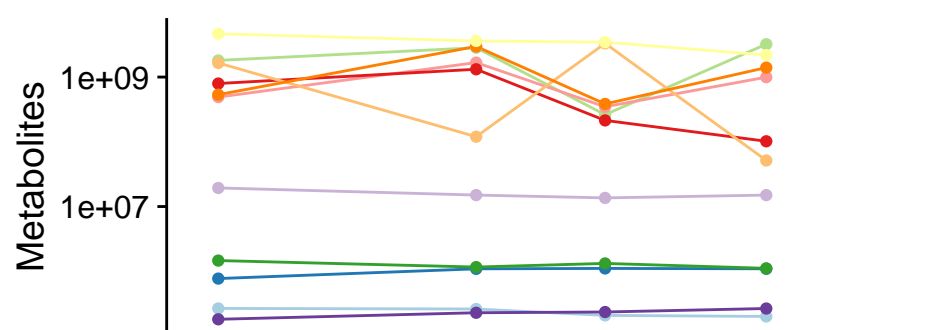
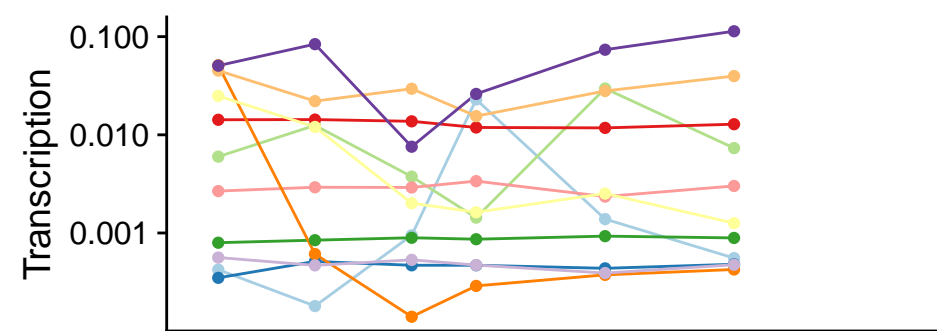
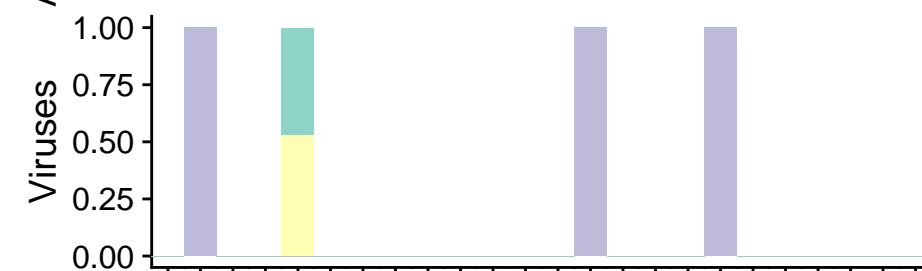
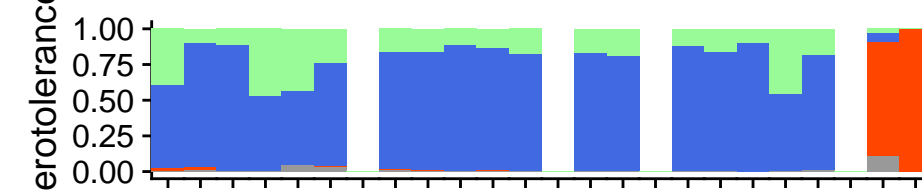
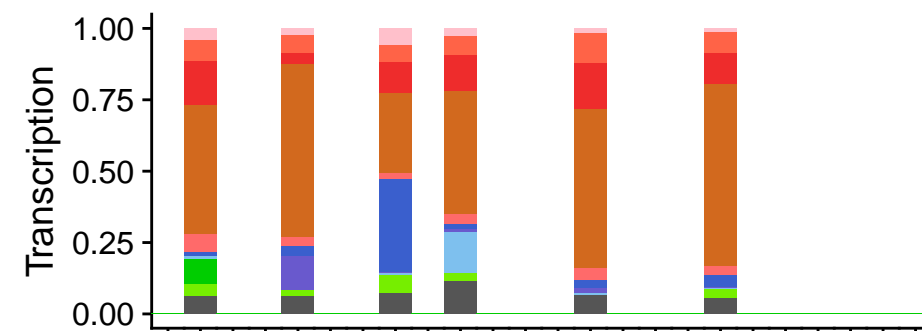
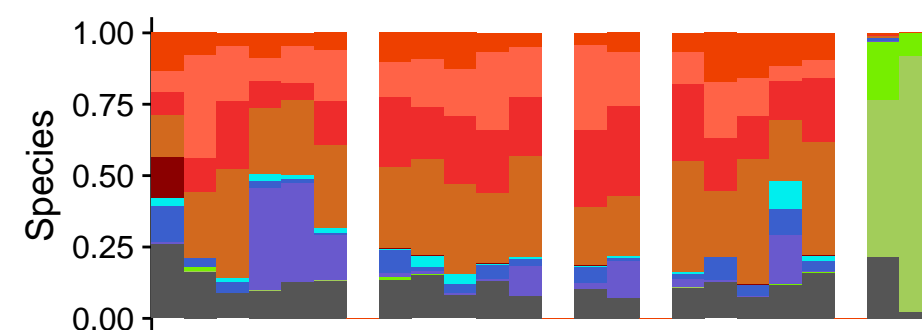
None 7+ days
Within 2-3 days
Within 4-7 days
Yesterday 1-2x
Yesterday 3x+

Blank
No
Yes

ANCA EU
Cbir1 EU
IgG ASCA EU
OmpC. EU

Human Reads
Filtered Reads

Human Reads
Filtered Reads



Bacteroides caccae
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides vulgatus
Prevotella copri
Eubacterium rectale
Faecalibacterium prausnitzii
Roseburia intestinalis
Escherichia coli
Klebsiella pneumoniae
other

Bacteroides fragilis
Bacteroides ovatus
Bacteroides thetaiotaomicron
Bacteroides vulgatus
Parabacteroides distasonis
Faecalibacterium prausnitzii
Roseburia intestinalis
Roseburia hominis
Akkermansia muciniphila
Escherichia coli
other

obligate anaerobe
aerotolerant
facultative anaerobe
unknown

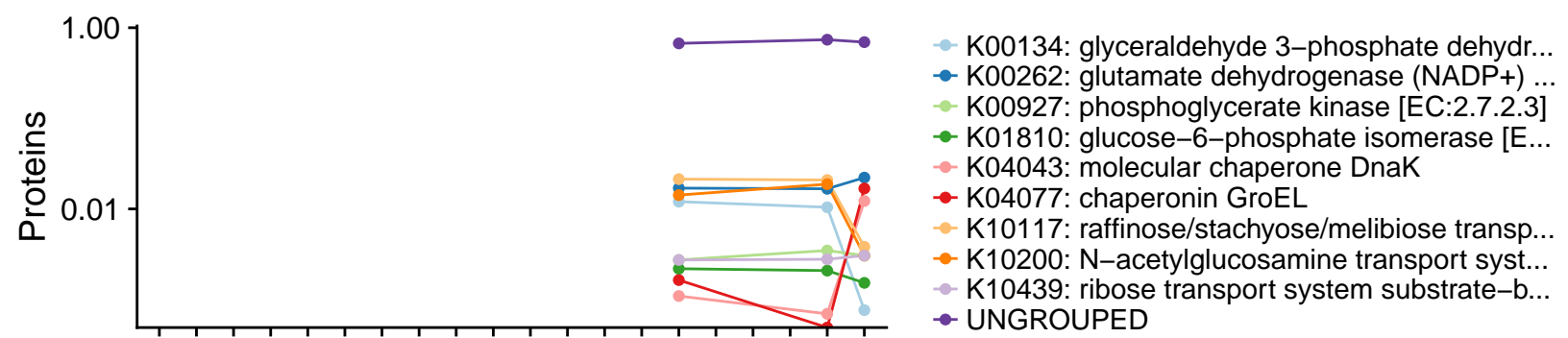
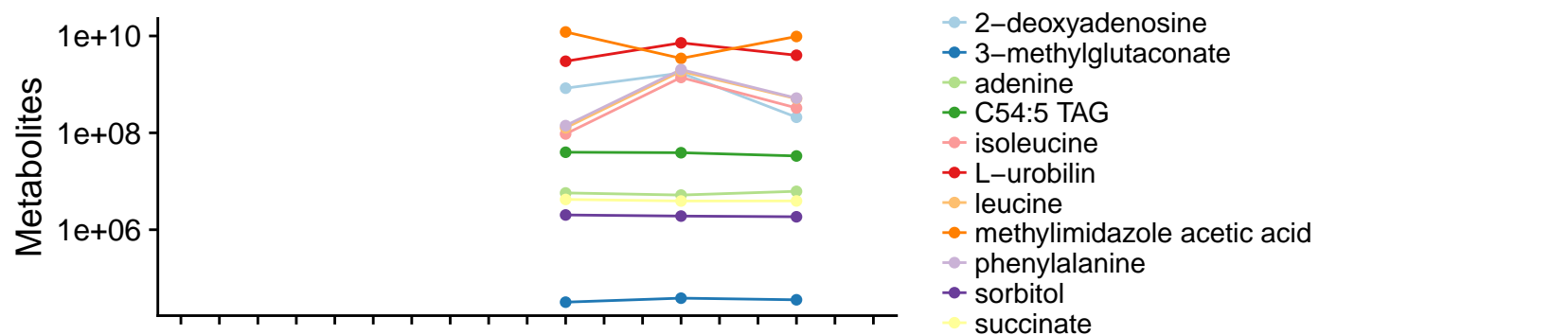
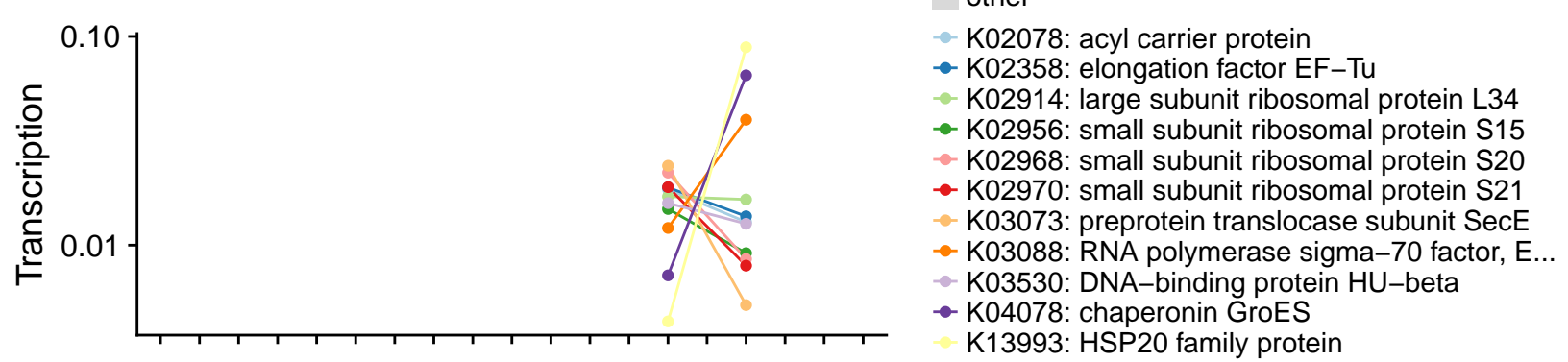
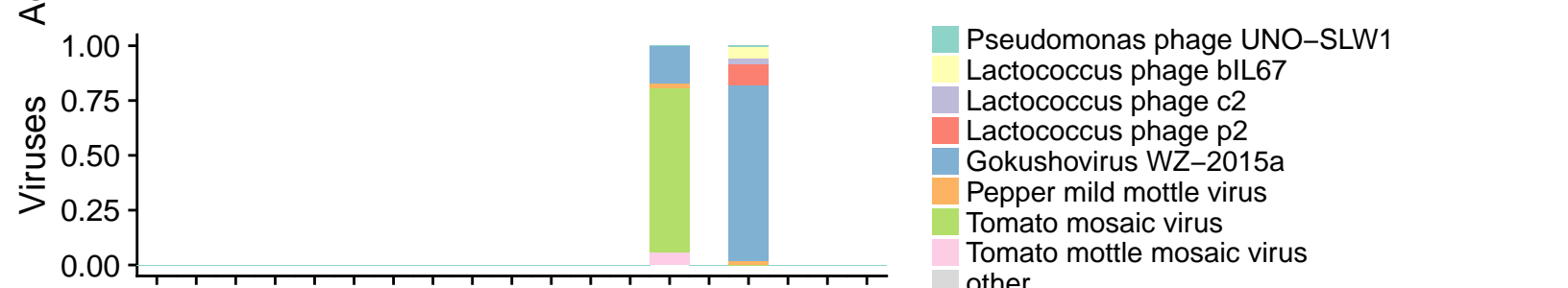
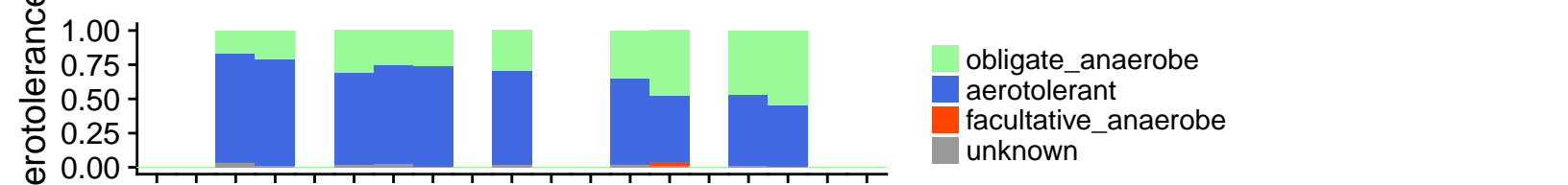
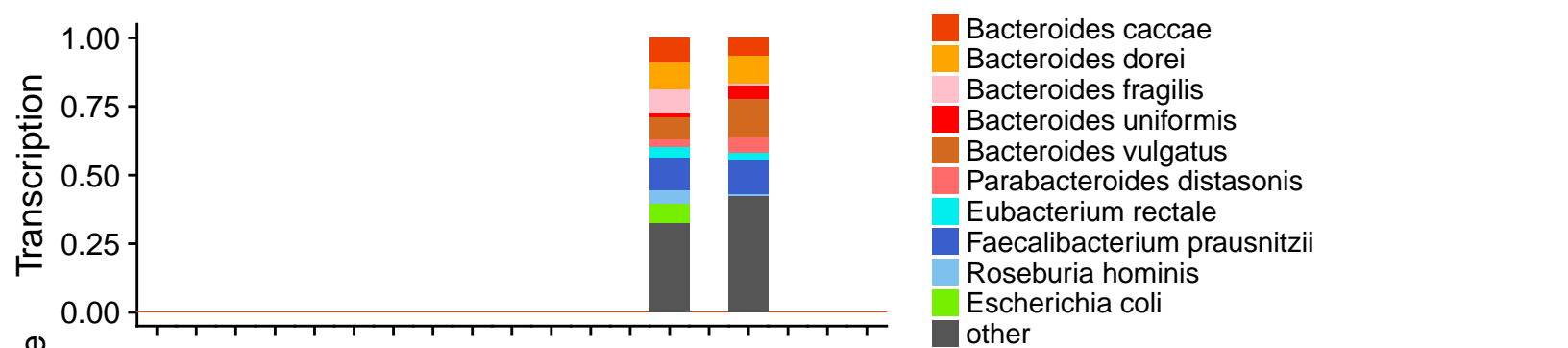
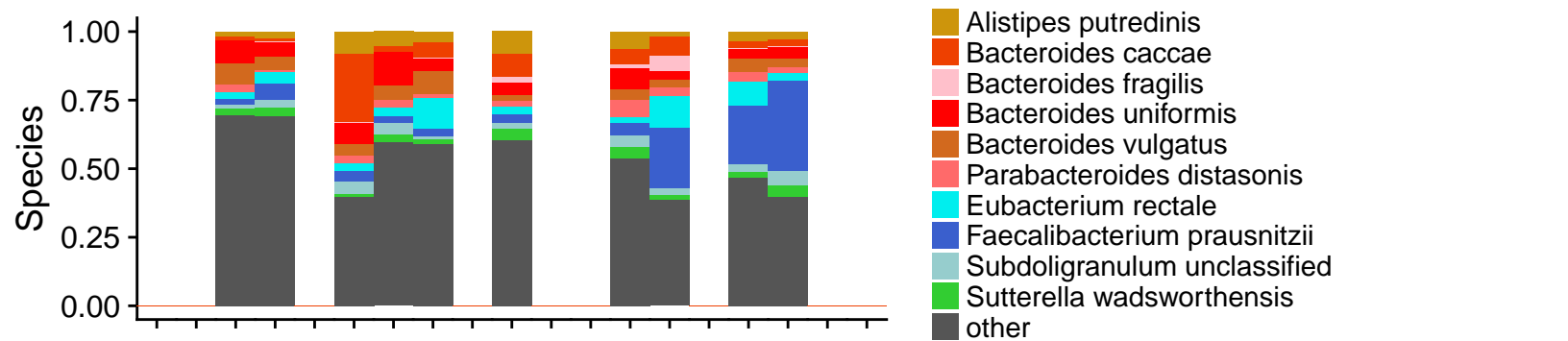
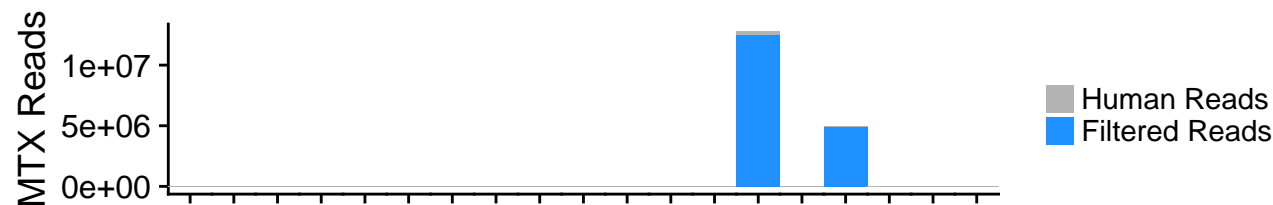
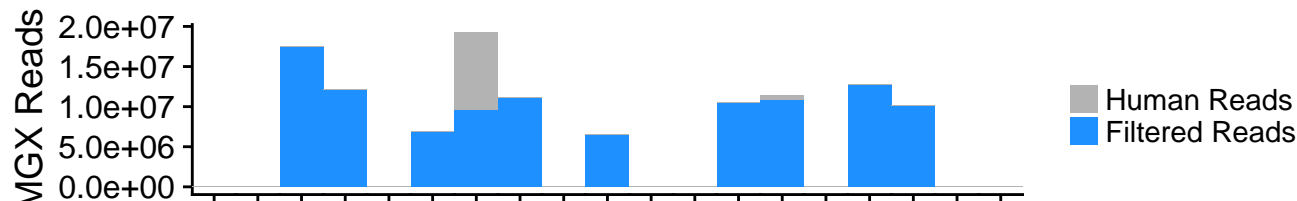
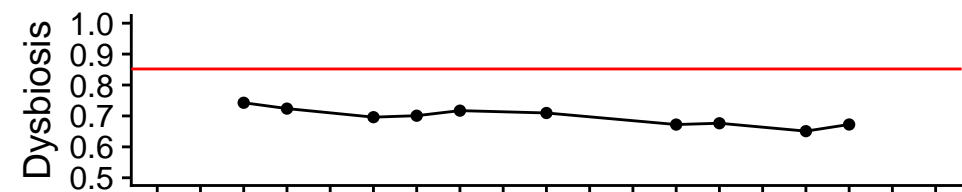
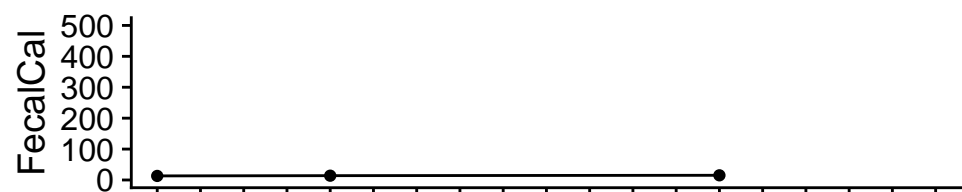
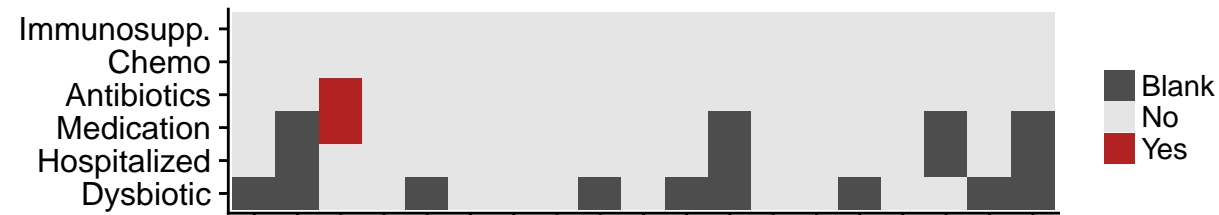
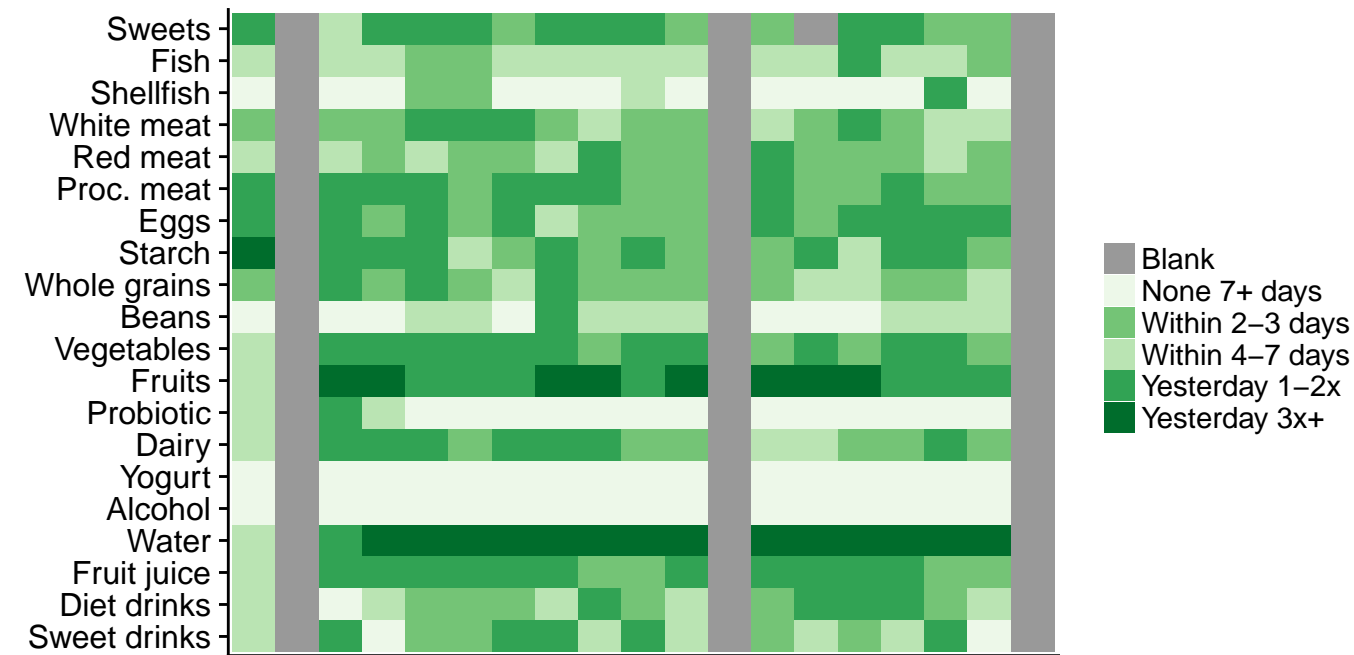
Lactococcus phage c2
Lactococcus phage 936 sensu lato
Gokushovirus WZ-2015a

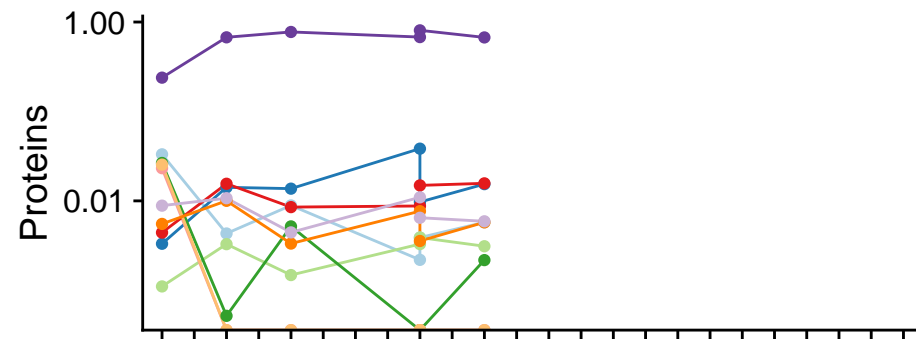
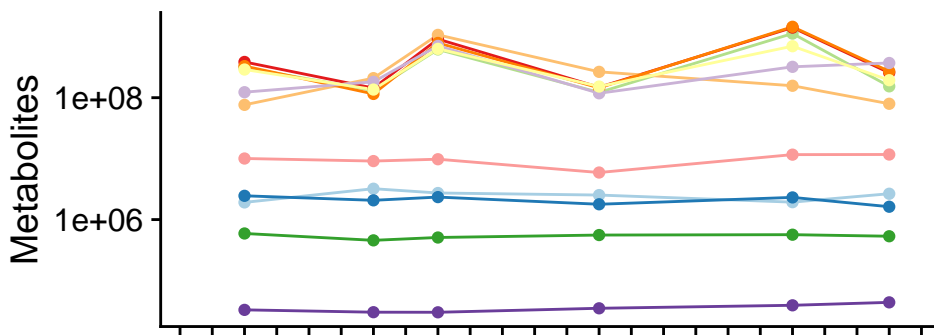
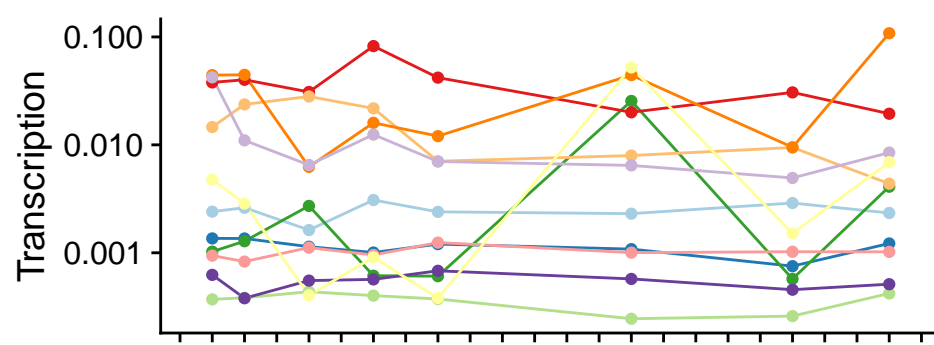
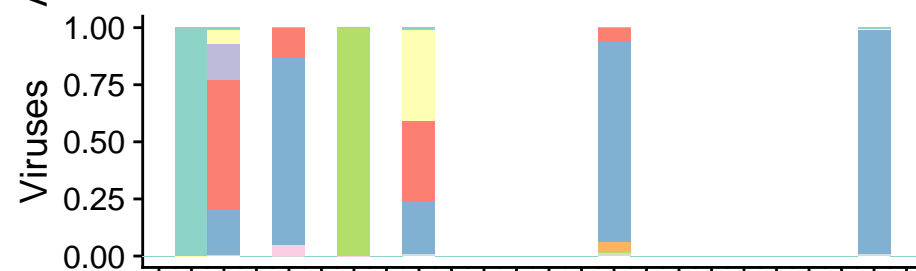
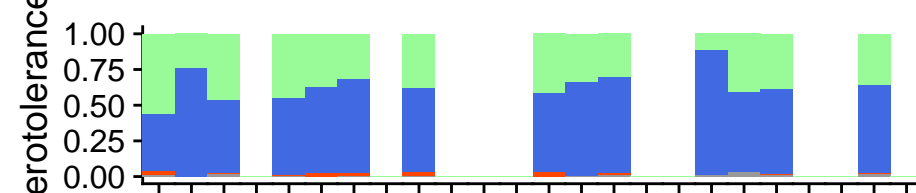
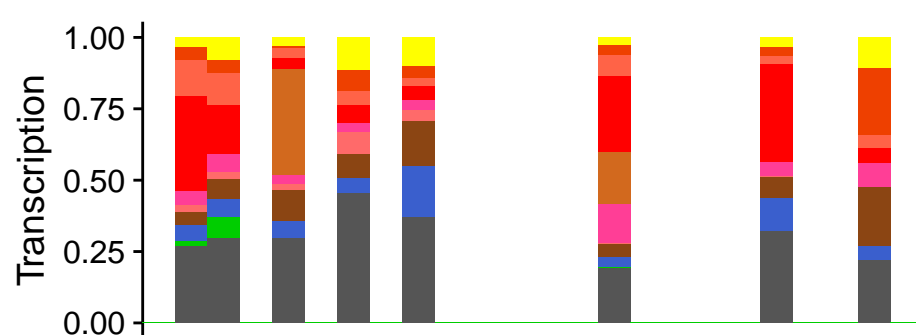
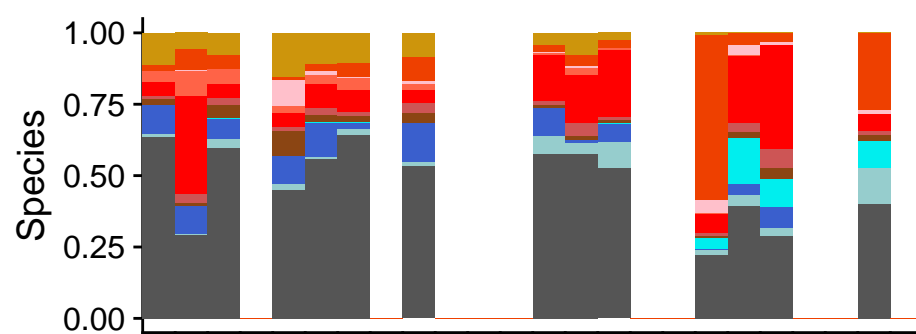
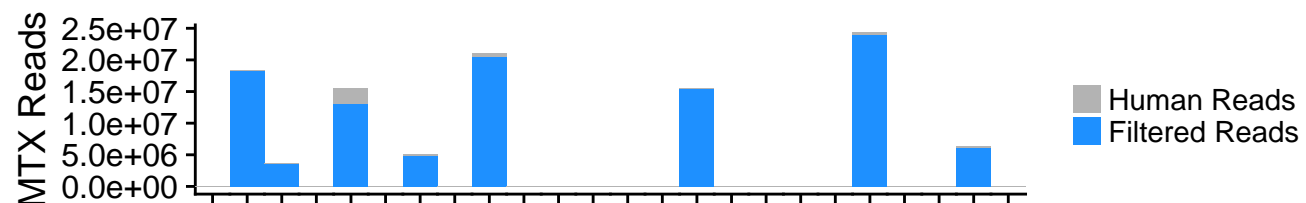
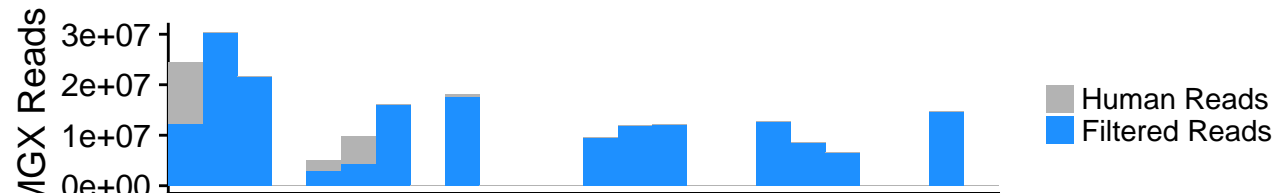
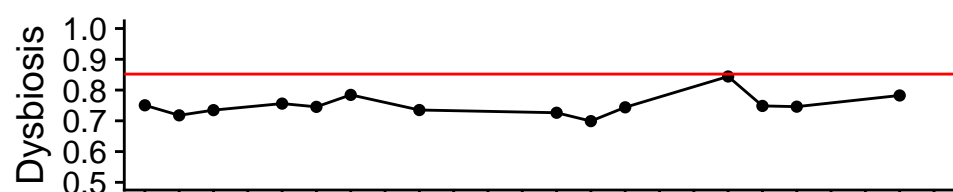
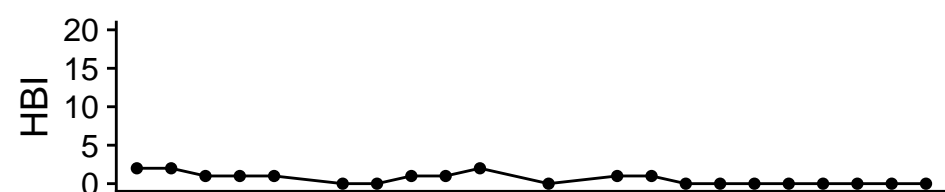
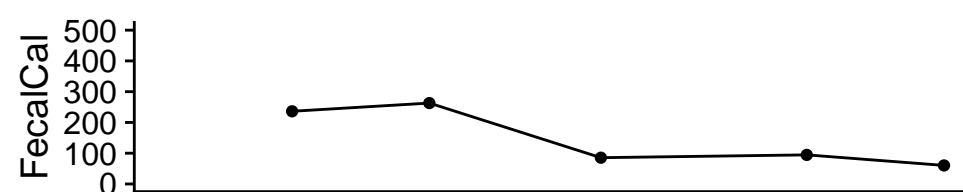
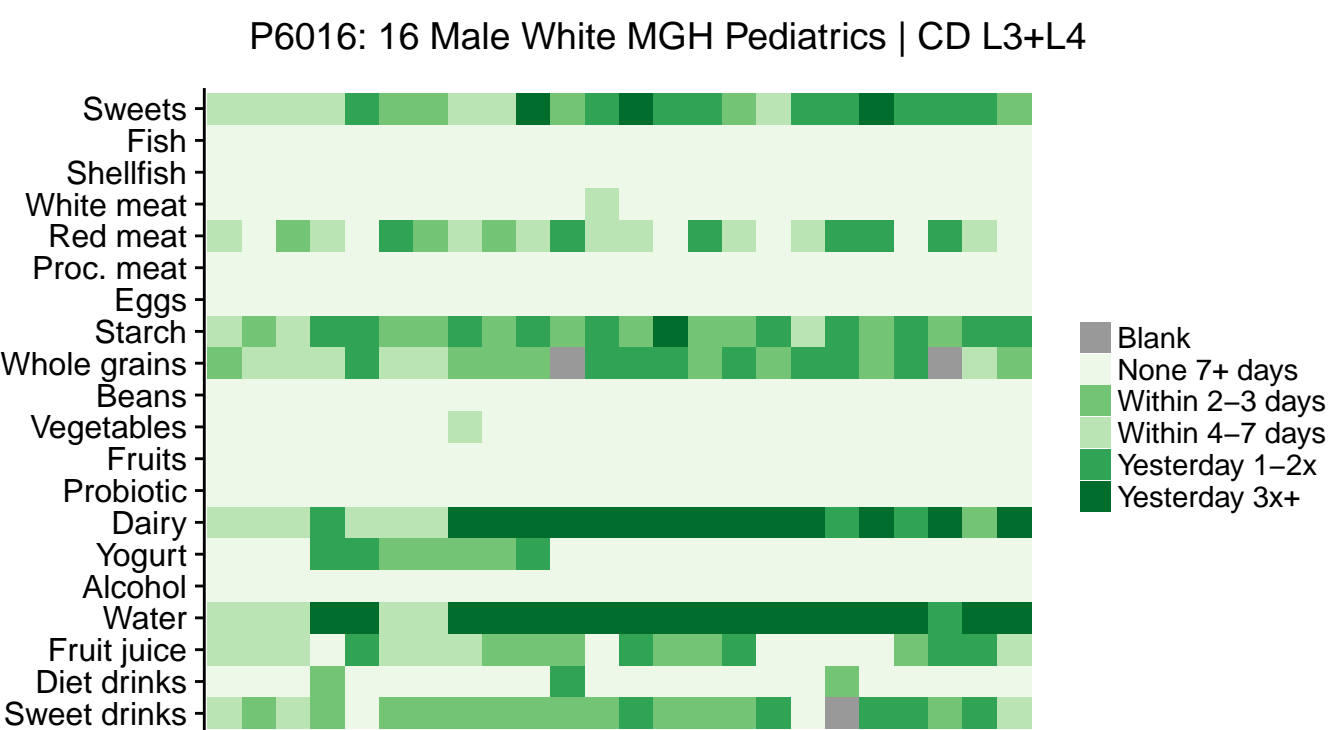
K00864: glycerol kinase [EC:2.7.1.30]
K01000: phospho-N-acetylmuramoyl-penta...
K01057: 6-phosphogluconolactonase [EC:3....
K01424: L-asparaginase [EC:3.5.1.1]
K02871: large subunit ribosomal protein L13
K02911: large subunit ribosomal protein L32
K03088: RNA polymerase sigma-70 factor, E...
K04069: pyruvate formate lyase activating en...
K07114: NO_NAME
K12343: 3-oxo-5-alpha-steroid 4-dehydrog...
K13993: HSP20 family protein

2-hydroxyglutarate
4-hydroxybenzaldehyde
C16:0 LPC_A
fucose
leucine
linoleate
methylimidazole acetic acid
phenylalanine
sphinganine
sphingosine
valine

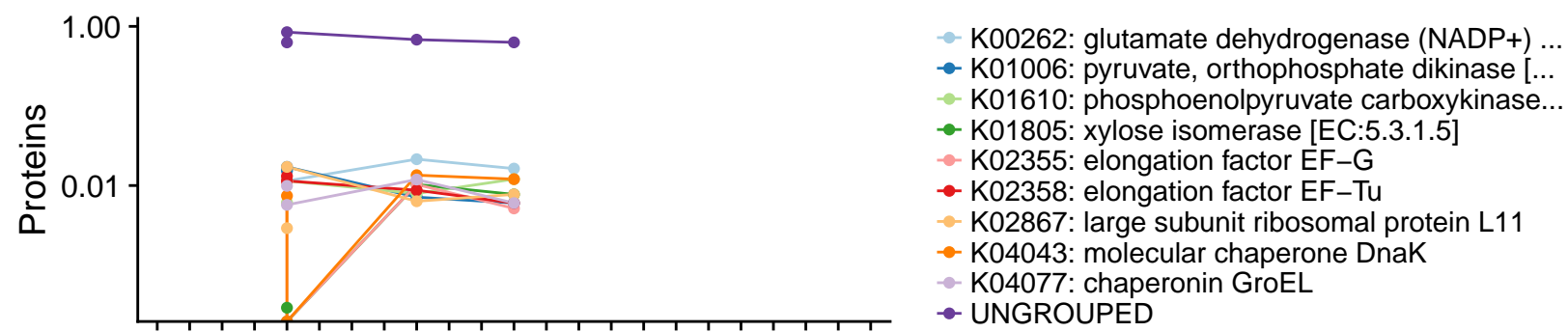
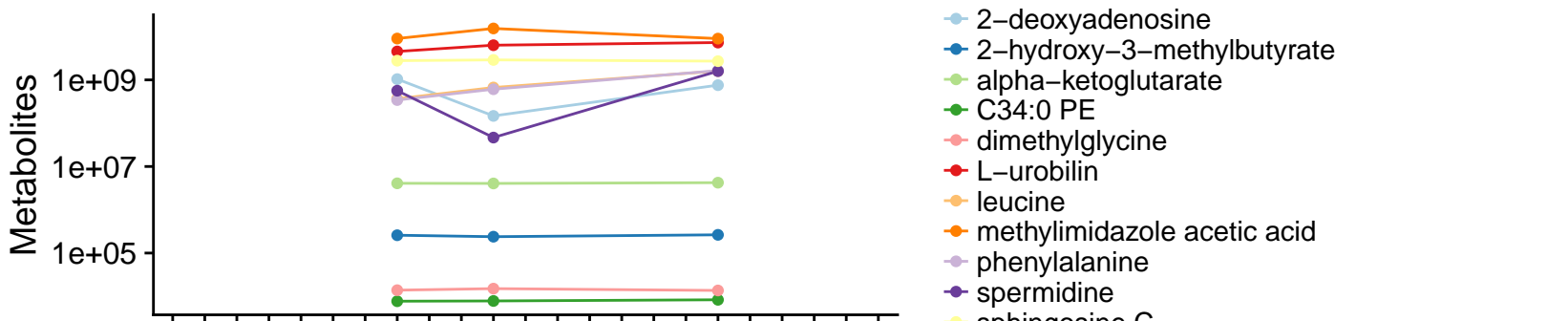
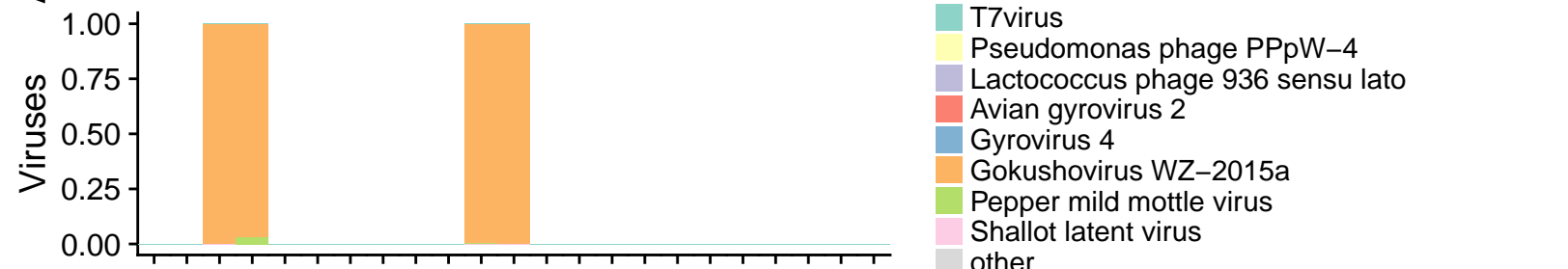
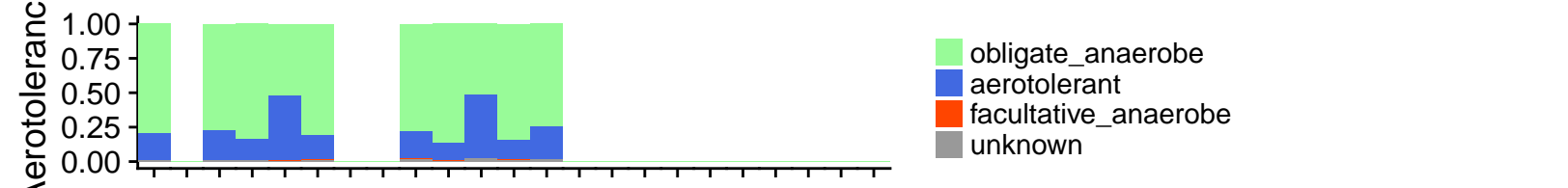
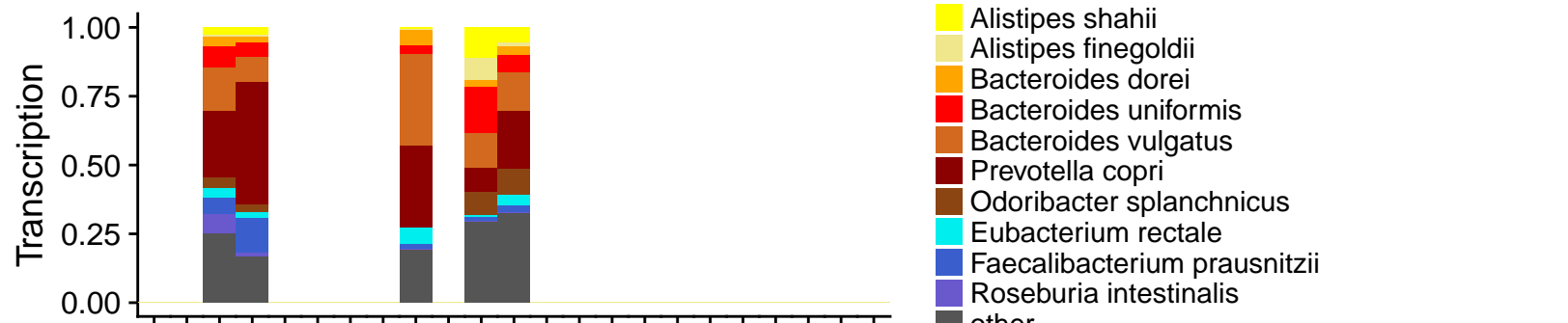
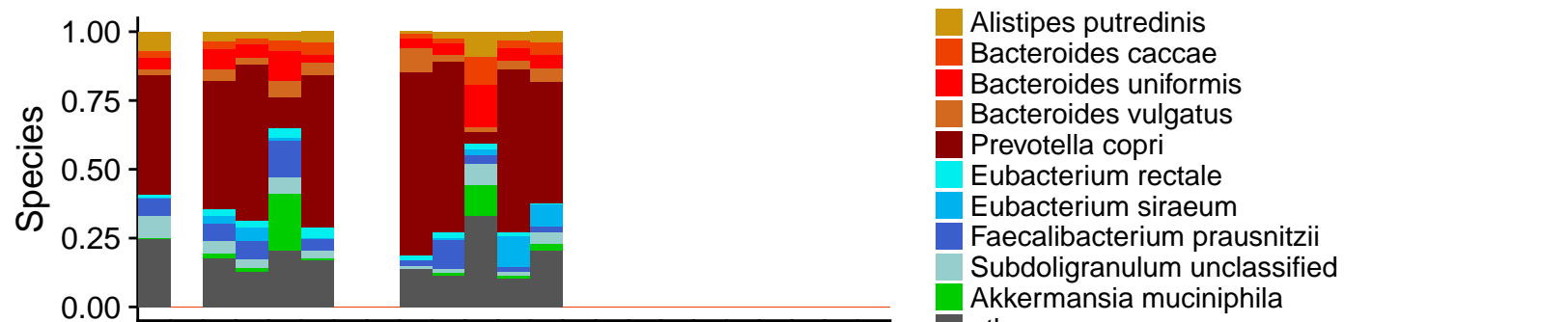
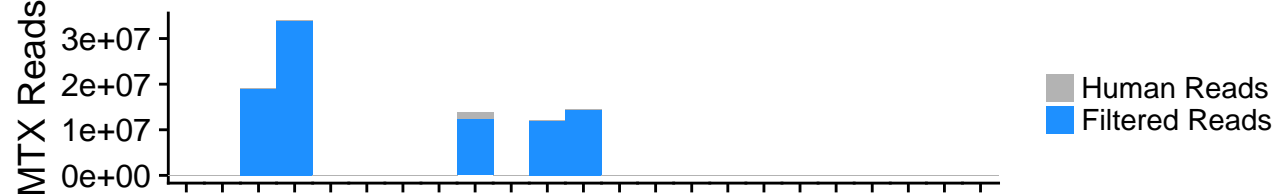
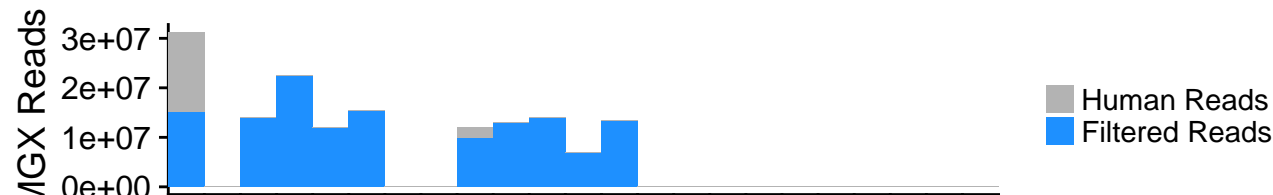
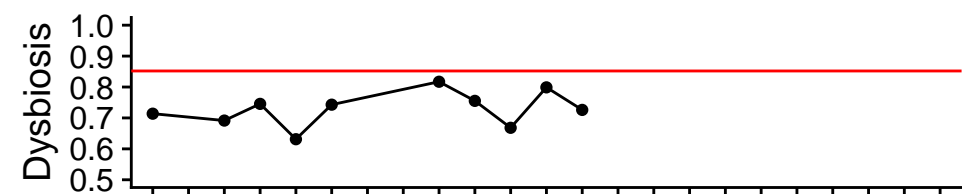
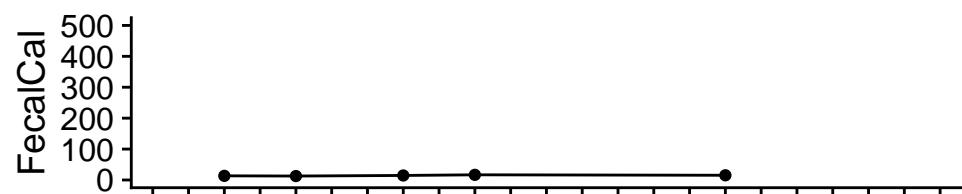
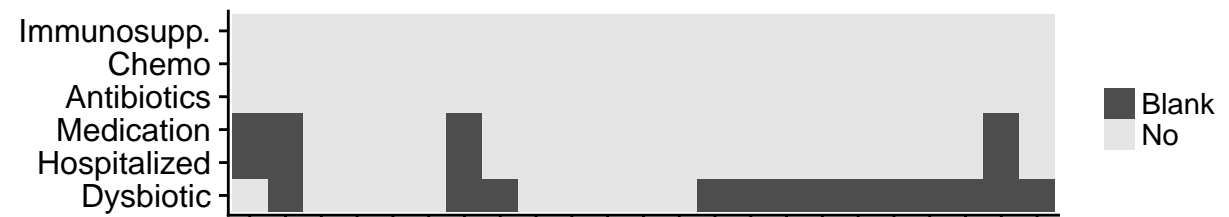
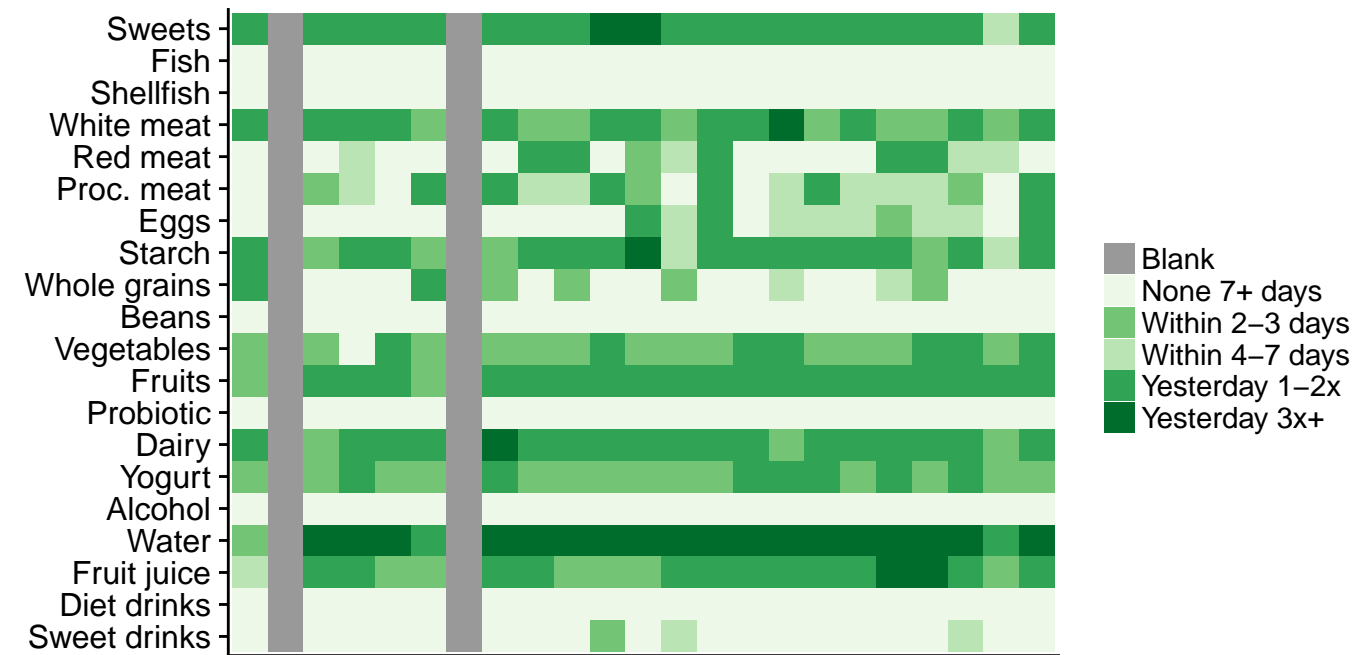
K00024: malate dehydrogenase [EC:1.1.1.37]
K00134: glyceraldehyde 3-phosphate dehydr...
K00262: glutamate dehydrogenase (NADP+) ...
K01812: glucuronate isomerase [EC:5.3.1.12]
K02027: multiple sugar transport system sub...
K02358: elongation factor EF-Tu
K04077: chaperonin GroEL
K10117: raffinose/stachyose/melibiose transp...
K10540: methyl-galactoside transport syste...
UNGROUPED

P6014: 15 Male White MGH Pediatrics | nonIBD

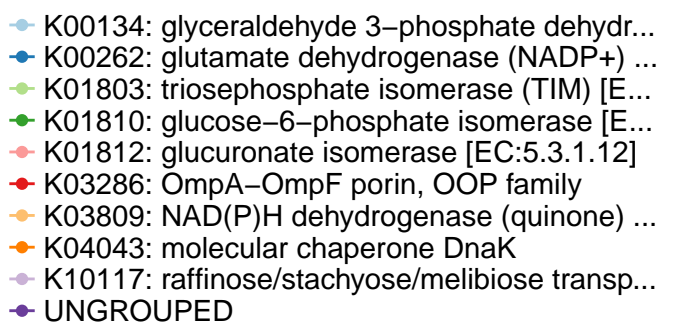
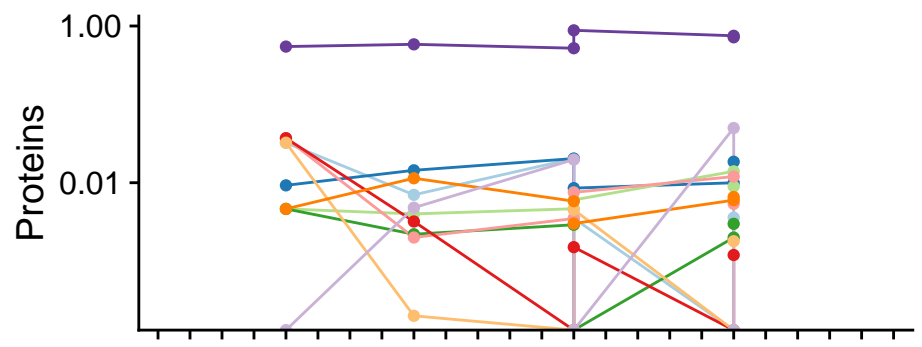
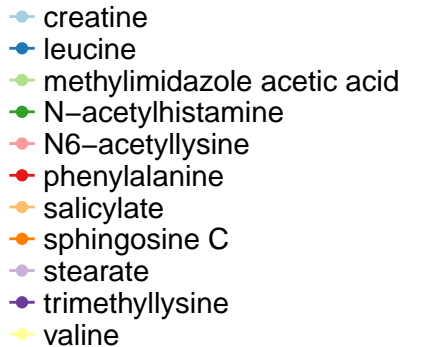
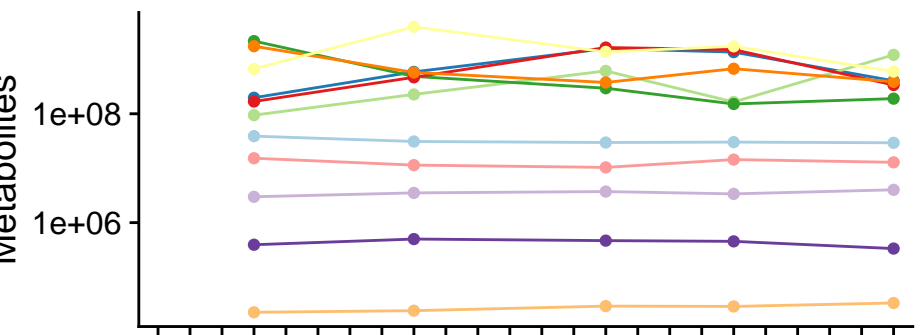
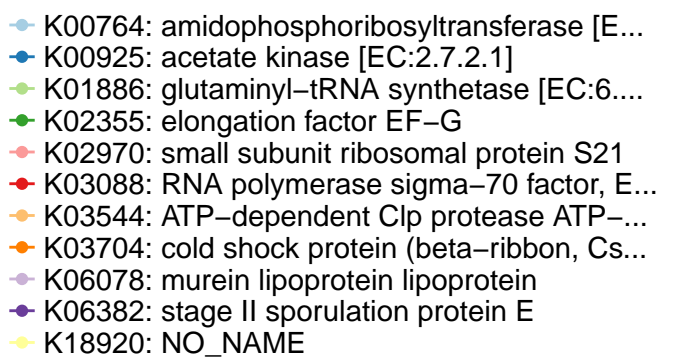
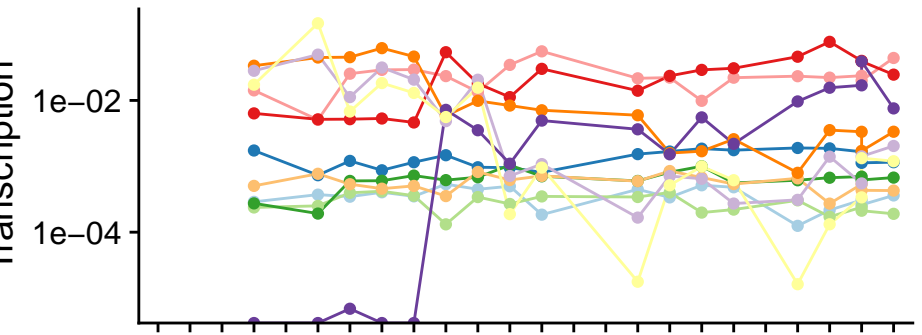
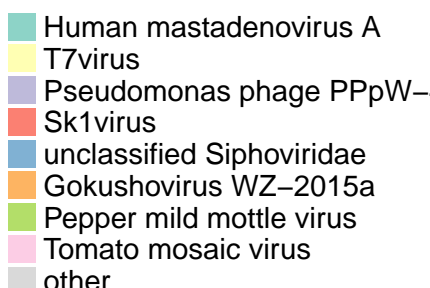
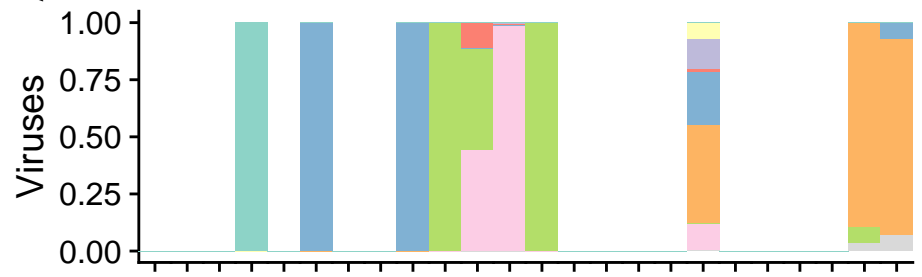
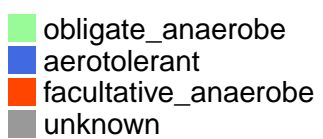
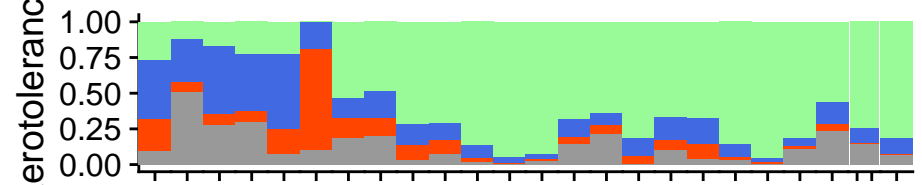
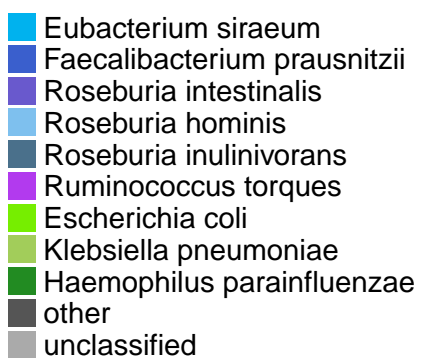
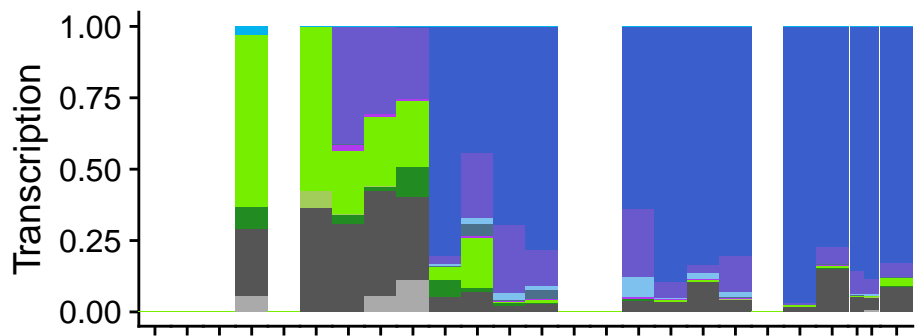
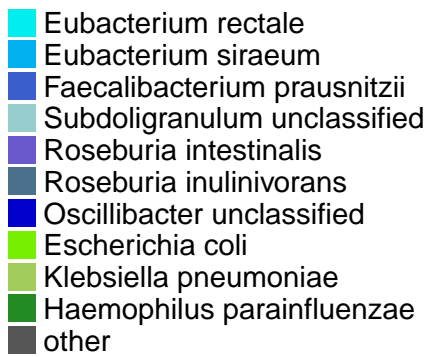
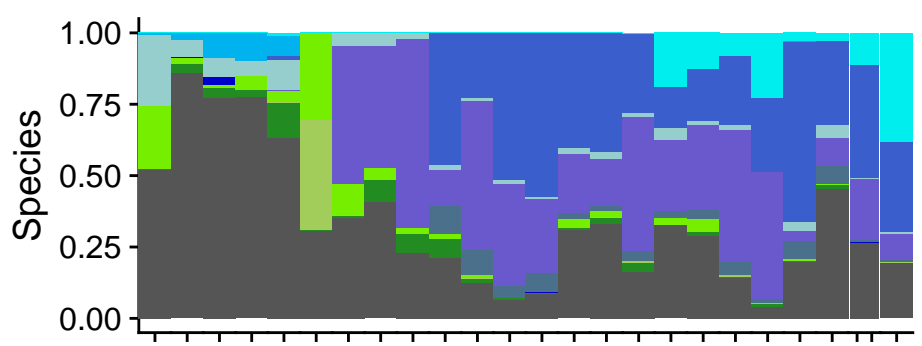
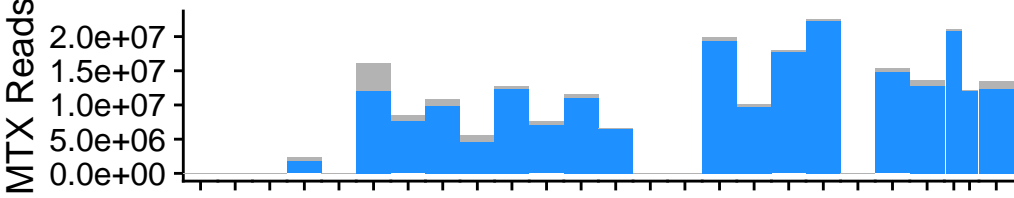
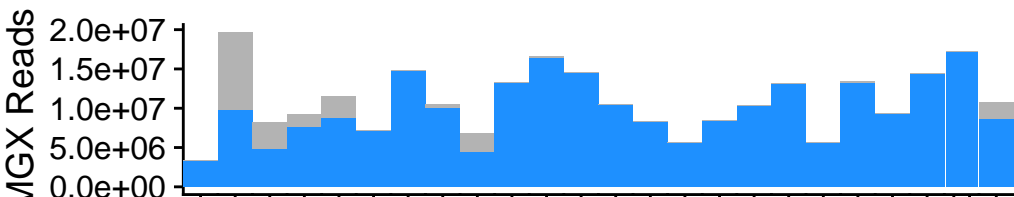
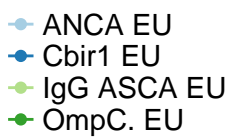
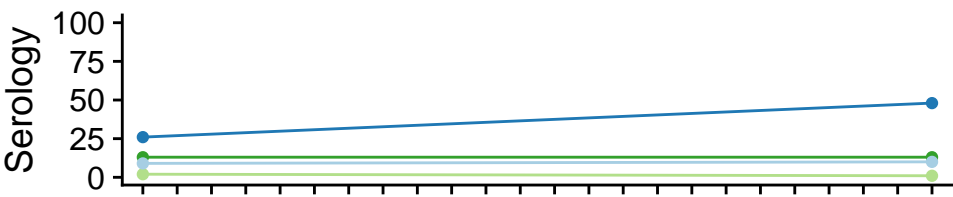
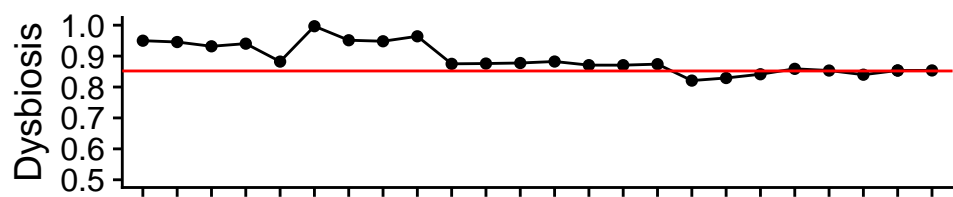
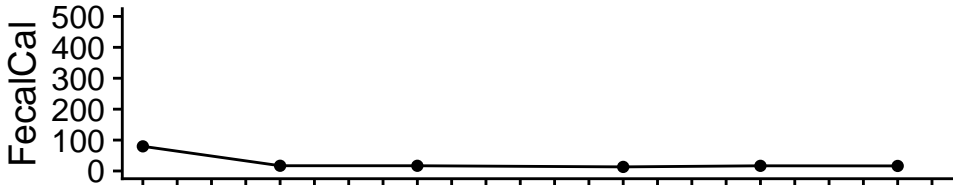
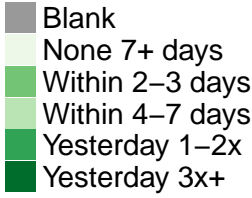
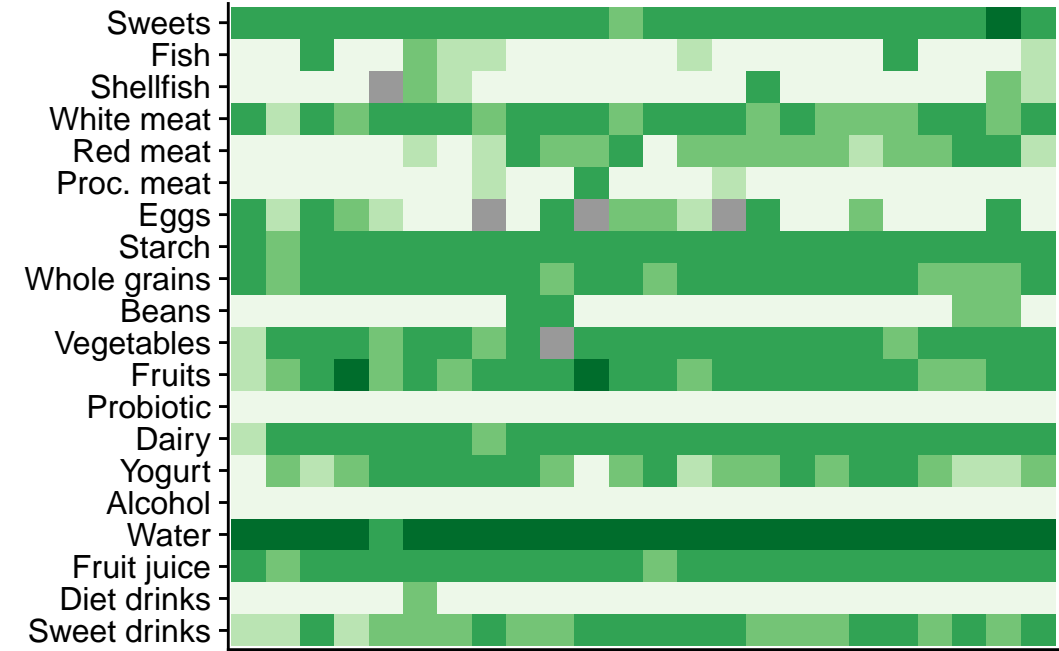




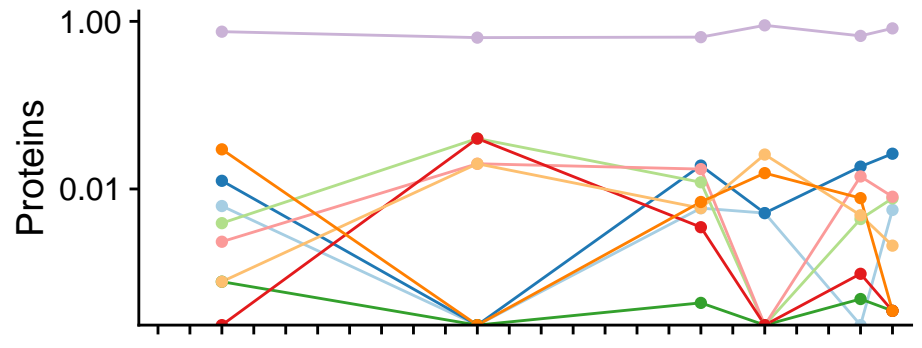
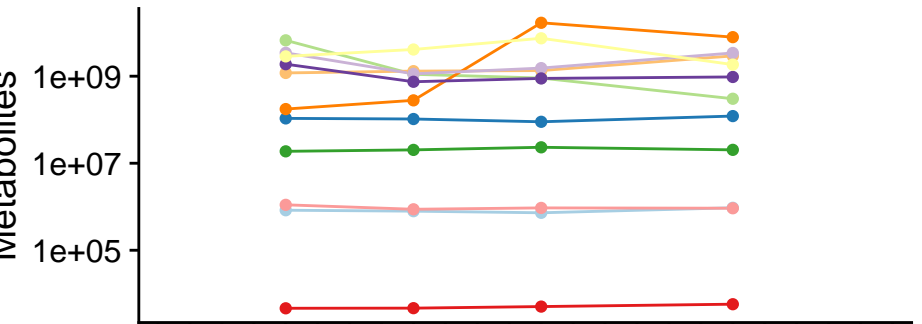
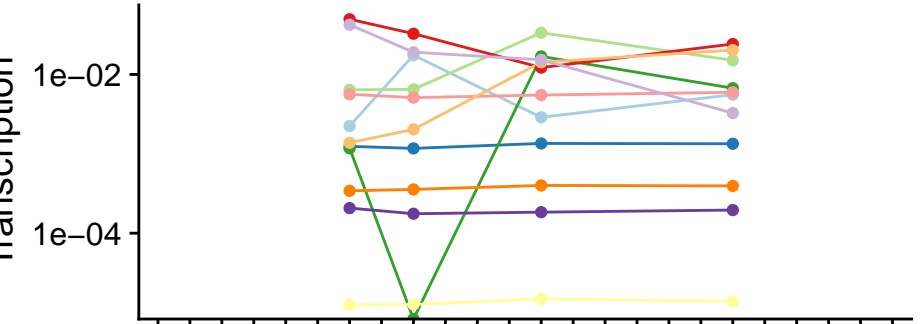
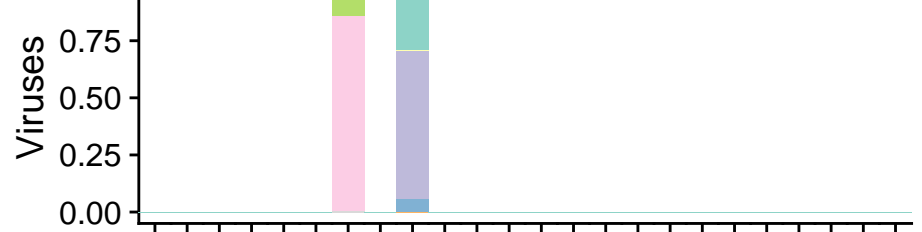
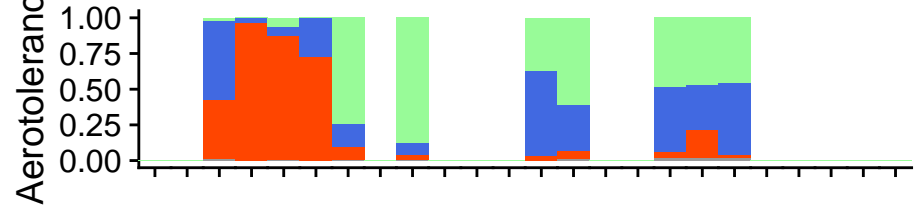
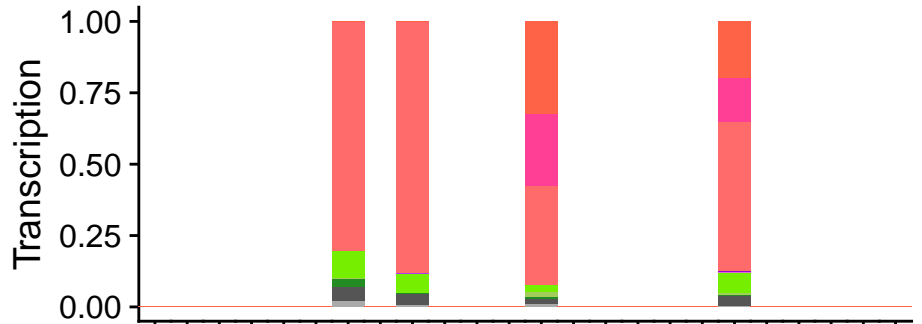
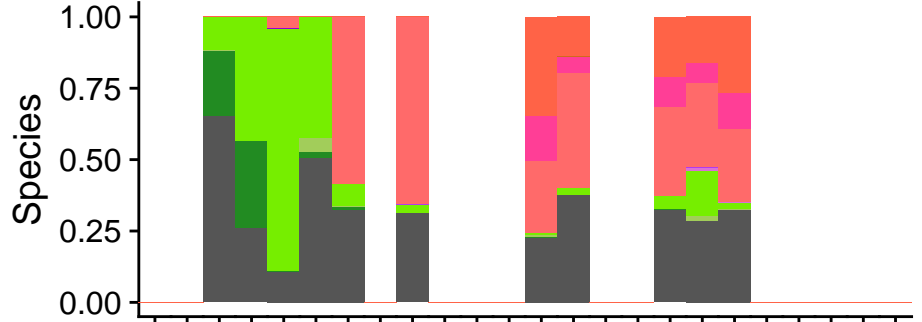
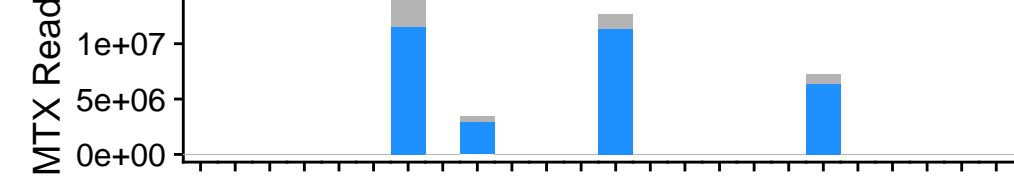
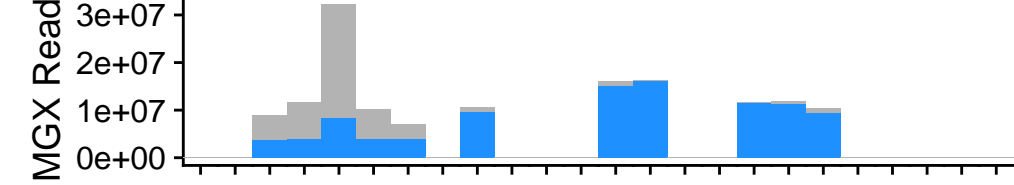
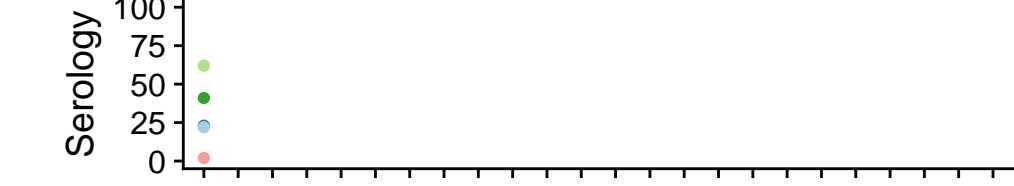
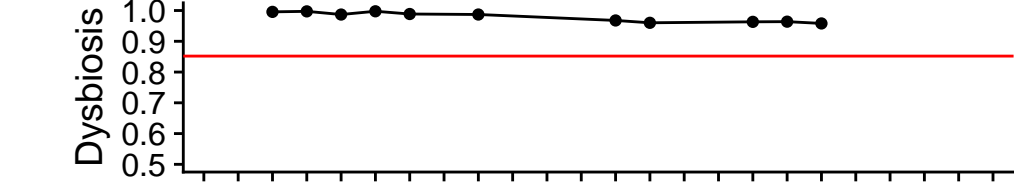
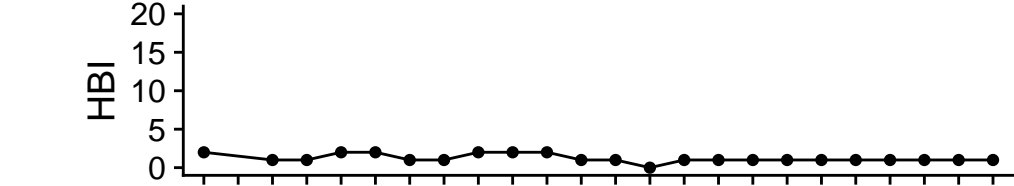
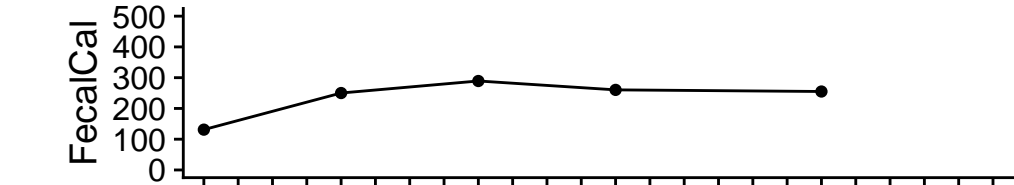
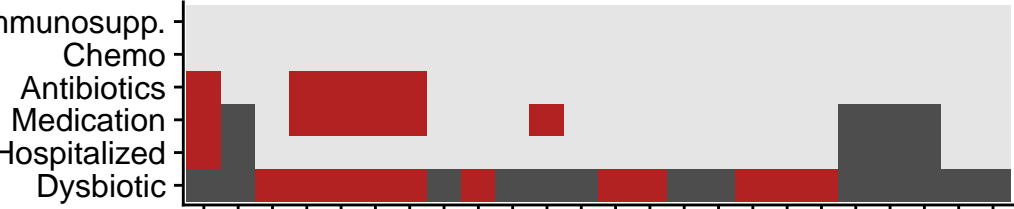
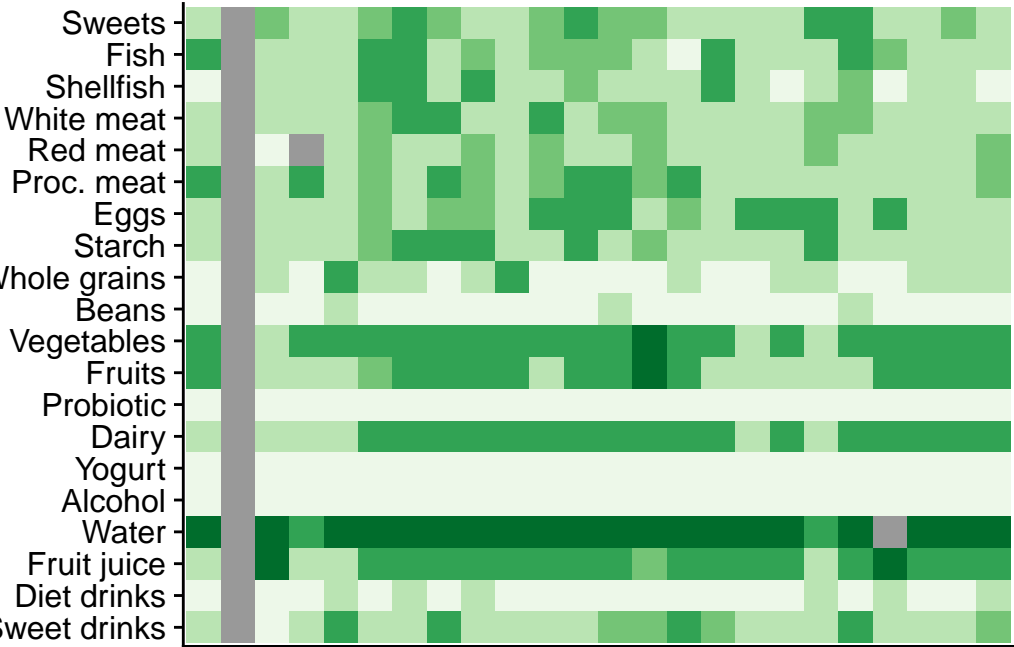
P6017: 11 Male White MGH Pediatrics | nonIBD



P6018: 17 Female White MGH Pediatrics | nonIBD

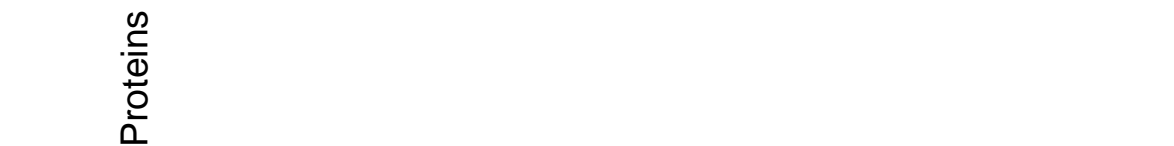
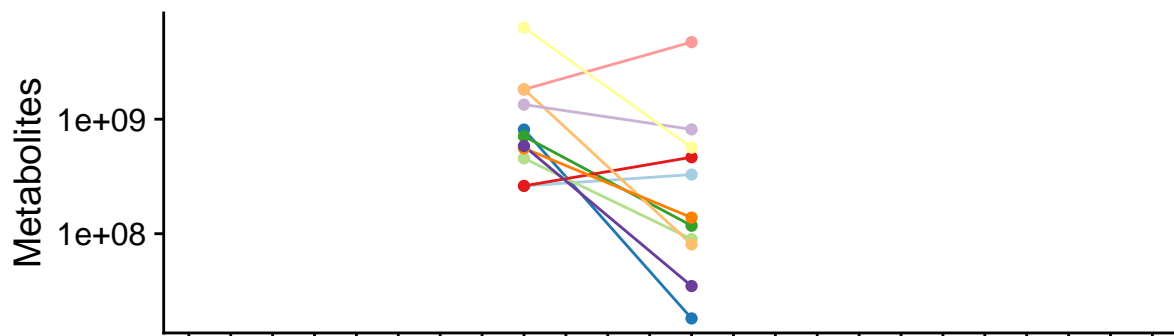
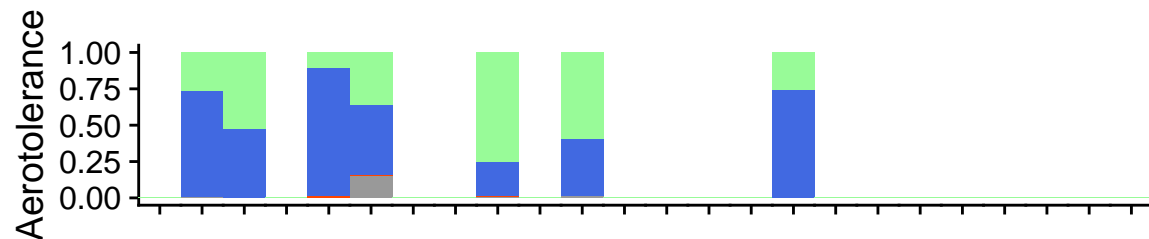
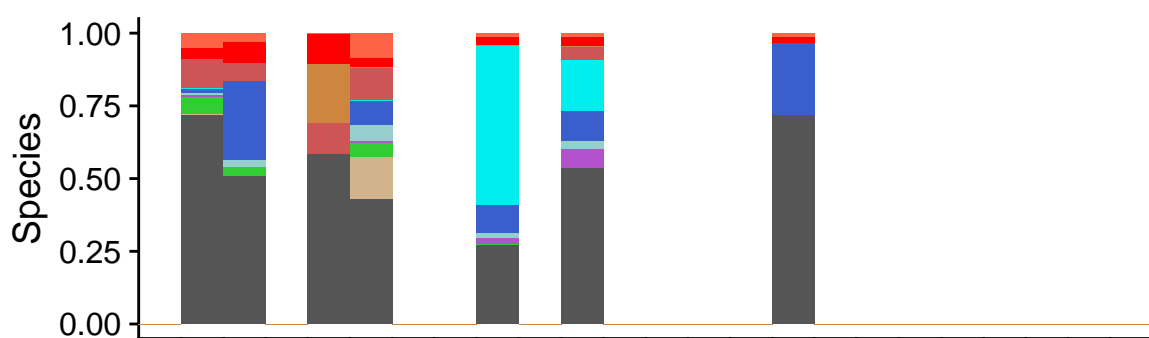
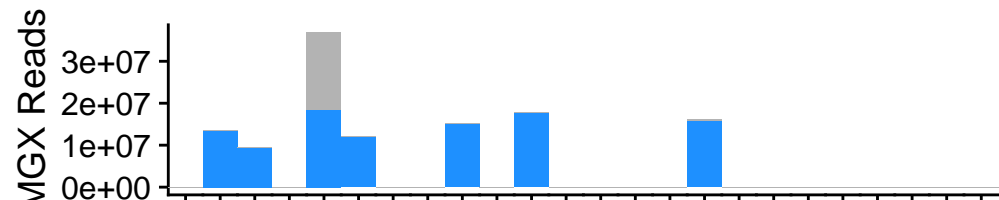
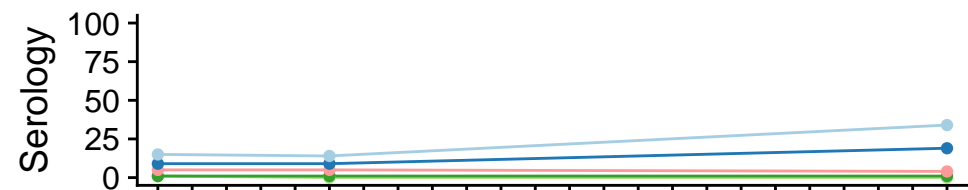
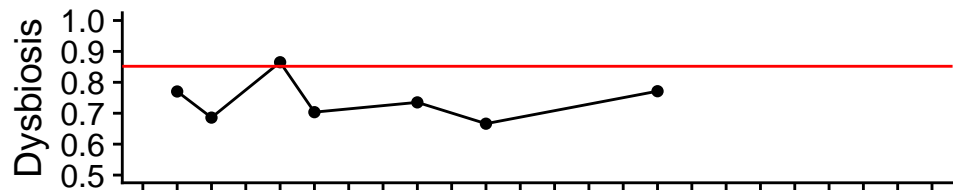
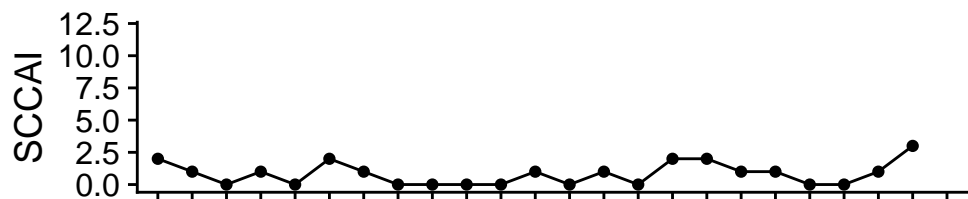
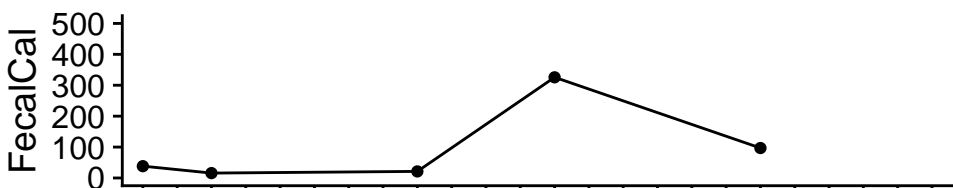
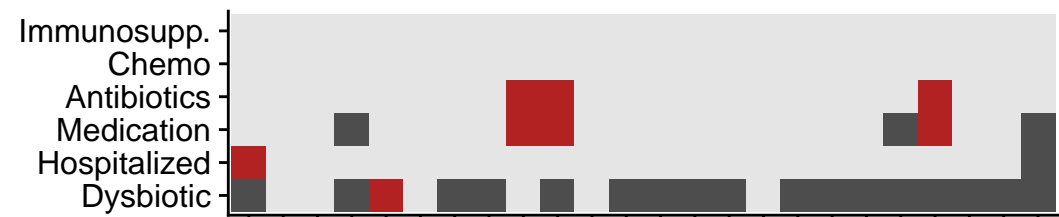
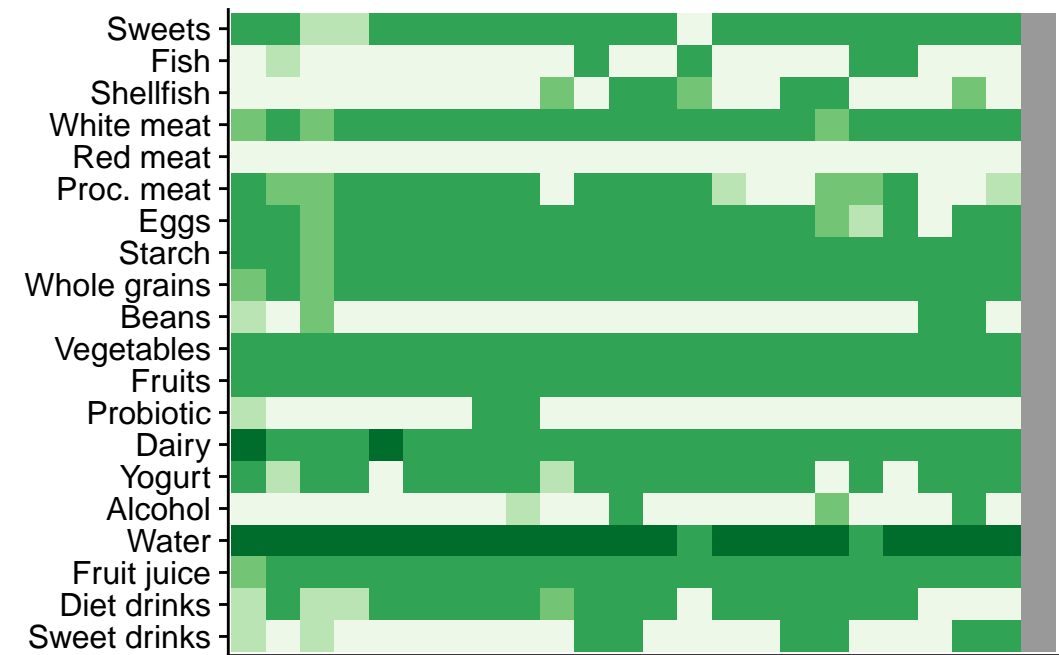


P6024: 16 Male American Indian or Alaska Native MGH Pediatrics | CD L3+L4

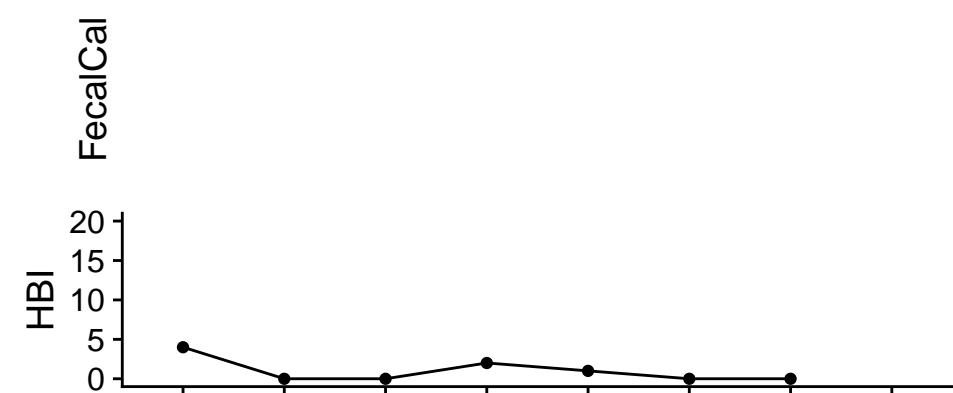
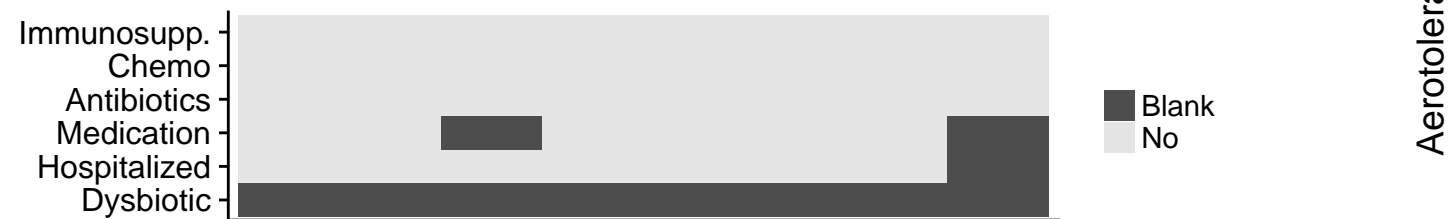
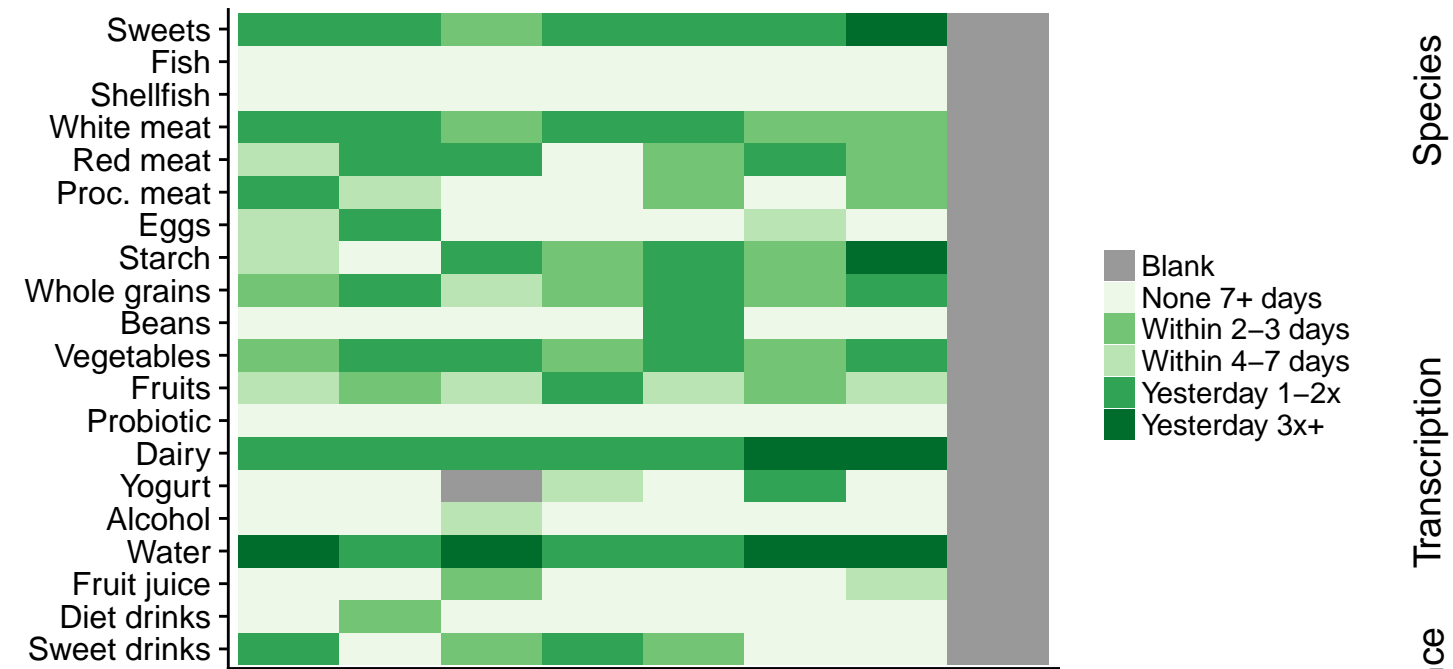


- Bacteroides ovatus
- Bacteroides vulgatus
- Bacteroides xylanisolvens
- Parabacteroides distasonis
- Ruminococcus torques
- Ruminococcus obeum
- Lachnospiraceae bacterium 5 1 63FAA
- Escherichia coli
- Klebsiella pneumoniae
- Haemophilus parainfluenzae
- other
- Bacteroides ovatus
- Bacteroides xylanisolvens
- Parabacteroides distasonis
- Ruminococcus torques
- 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 dehydrogenase
- K01572: oxaloacetate decarboxylase, beta subunit
- 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. coli
- K03215: RNA methyltransferase, TrmA family
- K06199: CrcB protein
- K09802: hypothetical protein
- K11535: nucleoside transport protein
- 3-methylxanthine
- 7-methylxanthine
- C16:0 LPC_A
- C18:2 CE
- C56:2 TAG
- eicosanedioate
- leucine
- N-acetylhistamine
- phenylalanine
- sphingosine C
- valine
- K00239: succinate dehydrogenase / fumarate reductase
- K00262: glutamate dehydrogenase (NADP+) dependent
- K01610: phosphoenolpyruvate carboxykinase
- K01790: dTDP-4-dehydrorhamnose 3,5-epimerase
- K02358: elongation factor EF-Tu
- K02935: large subunit ribosomal protein L7/L12
- K04077: chaperonin GroEL
- K10117: raffinose/stachyose/melibiose transport
- UNGROUPED

P6025: 17 Male White MGH Pediatrics | UC



P6027: 15 Male White MGH Pediatrics | CD



Species

Transcription

Aerotolerance

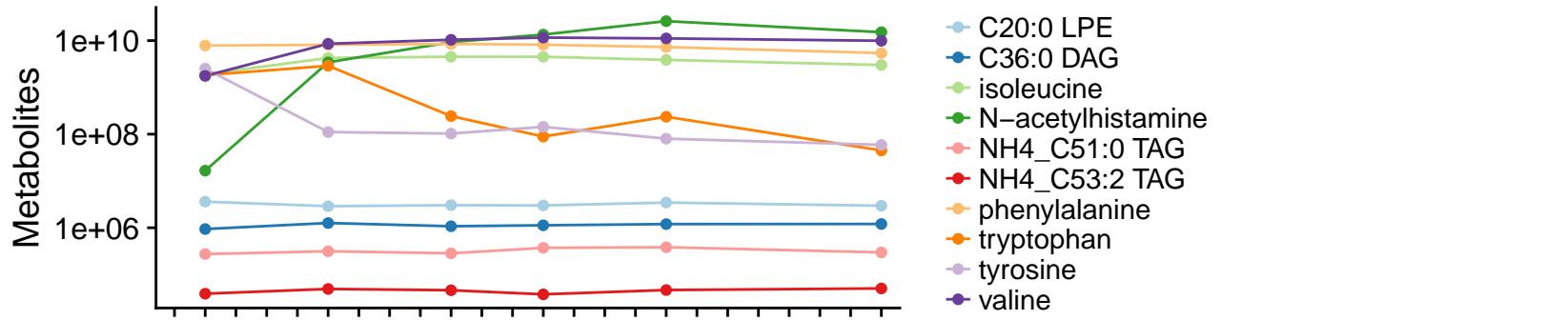
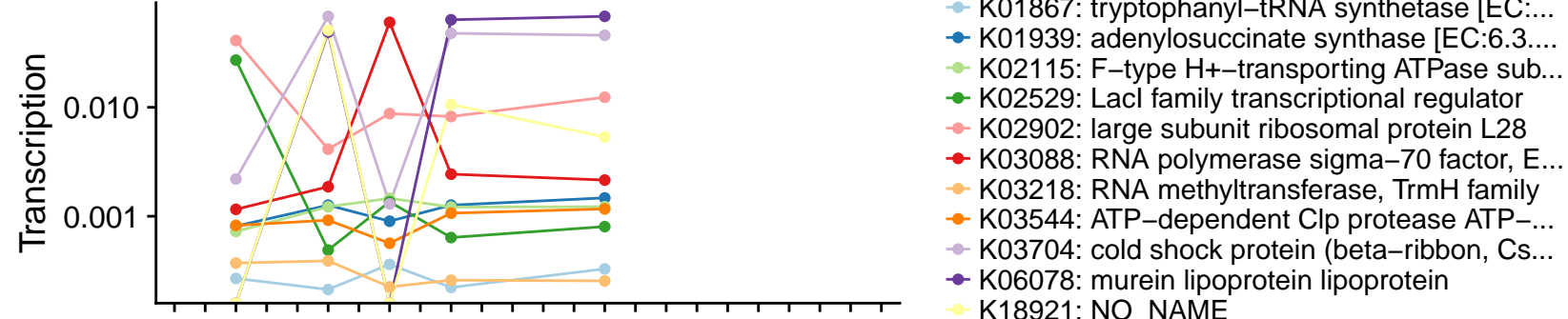
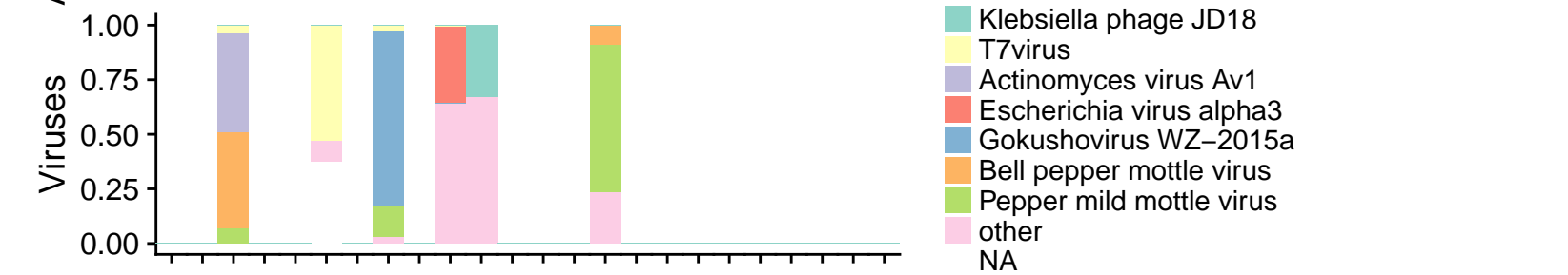
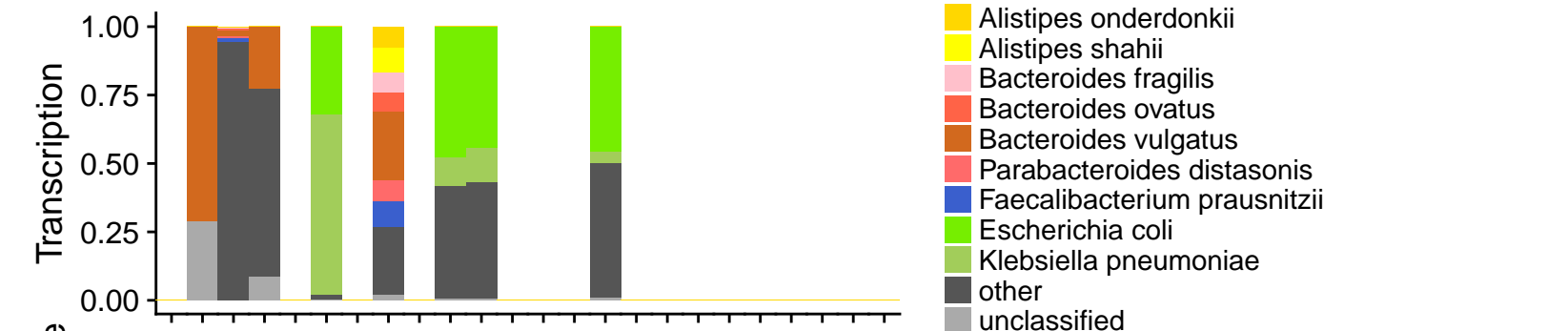
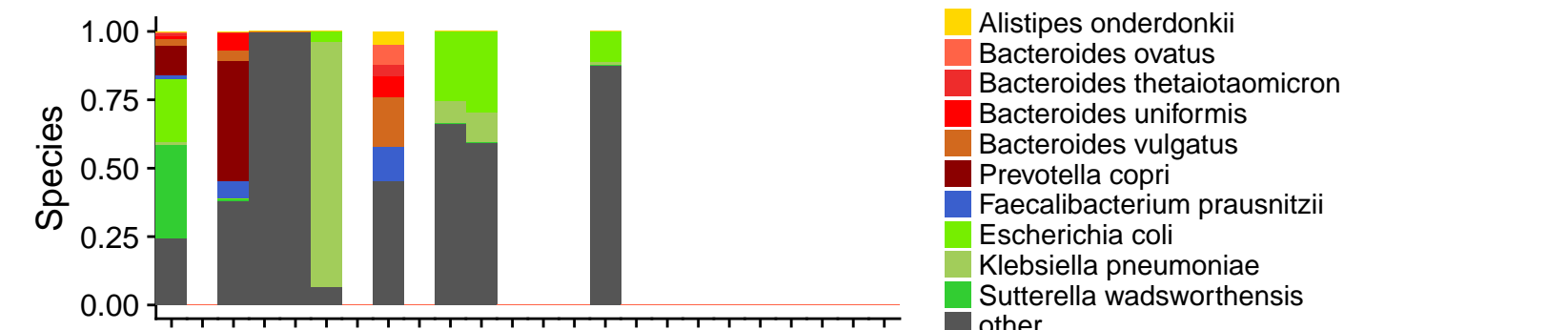
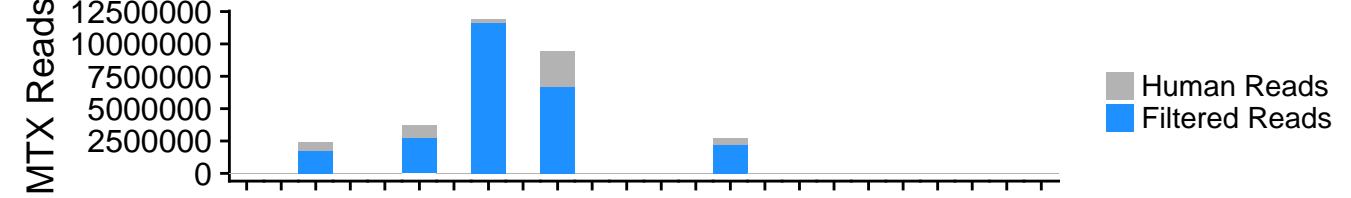
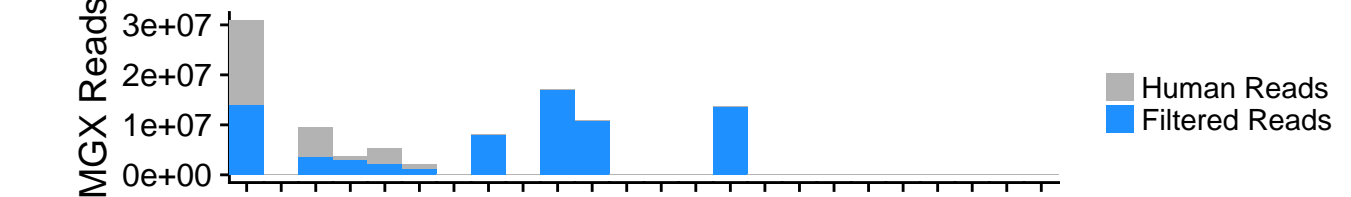
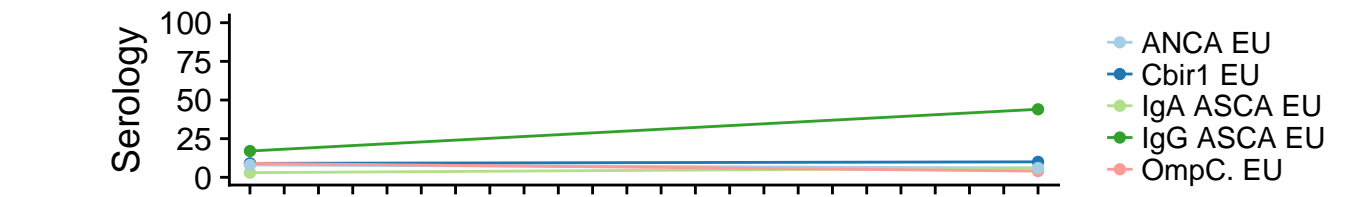
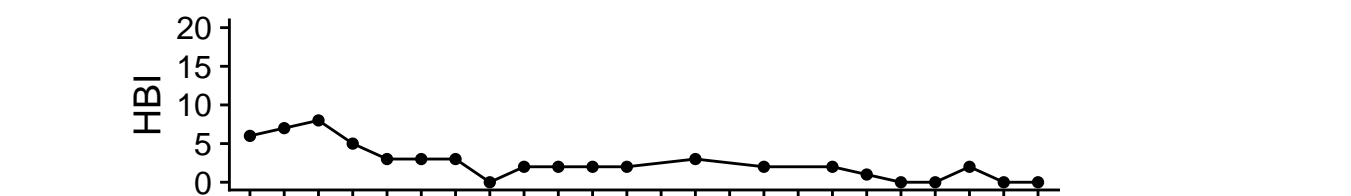
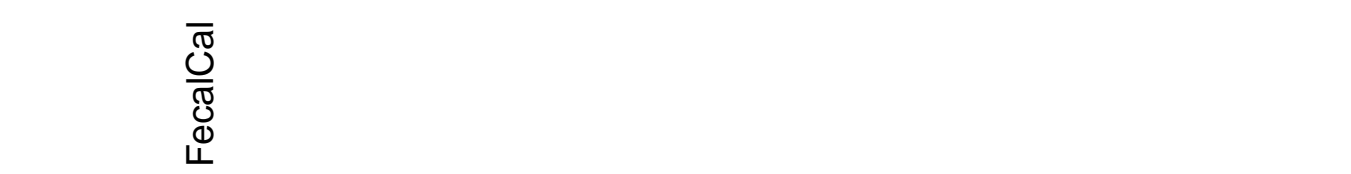
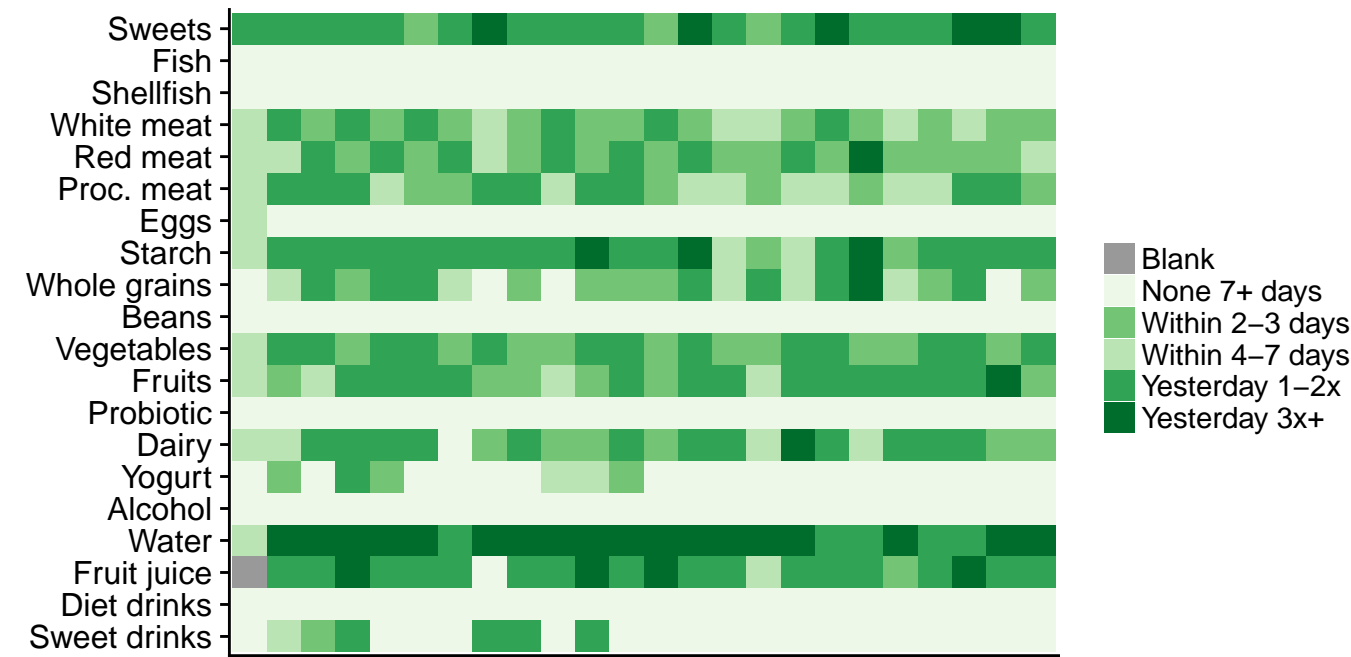
Viruses

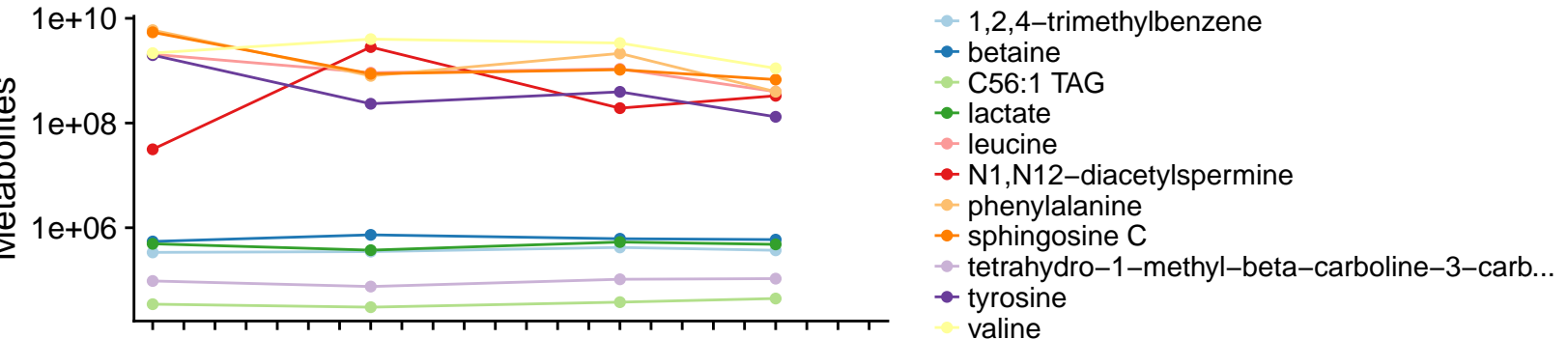
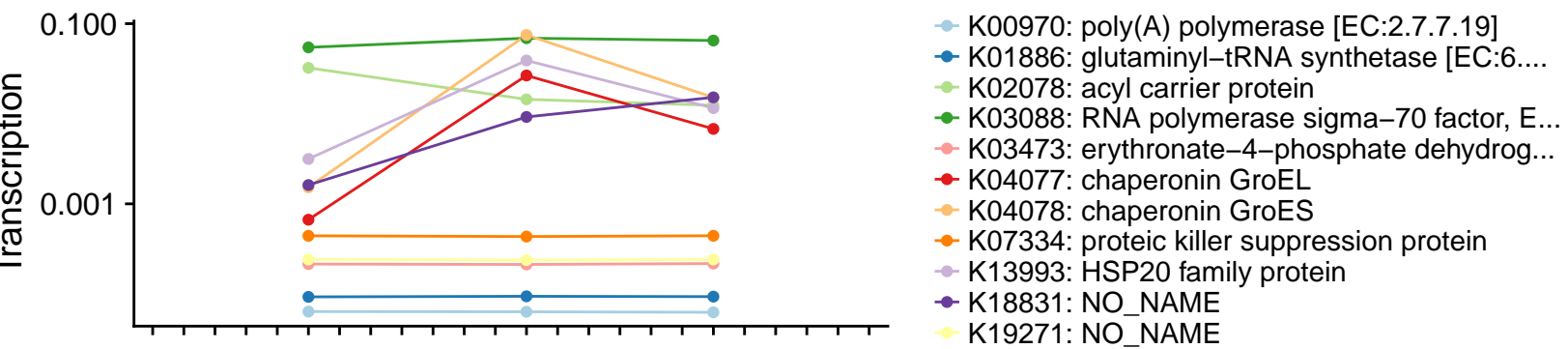
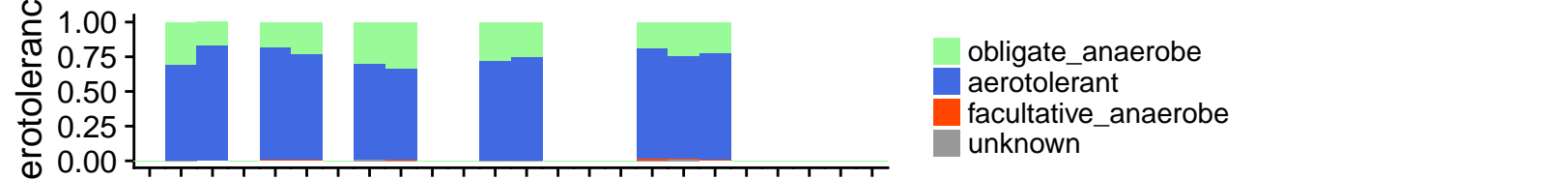
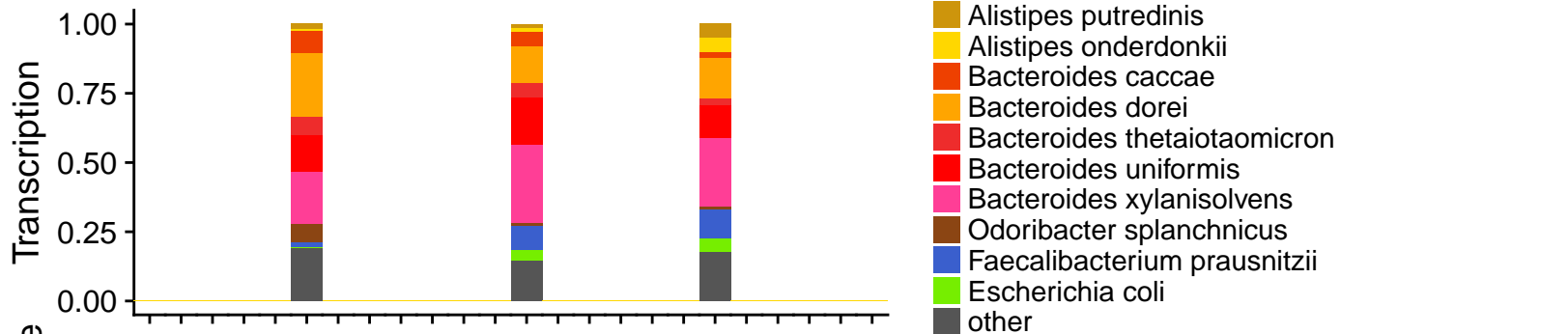
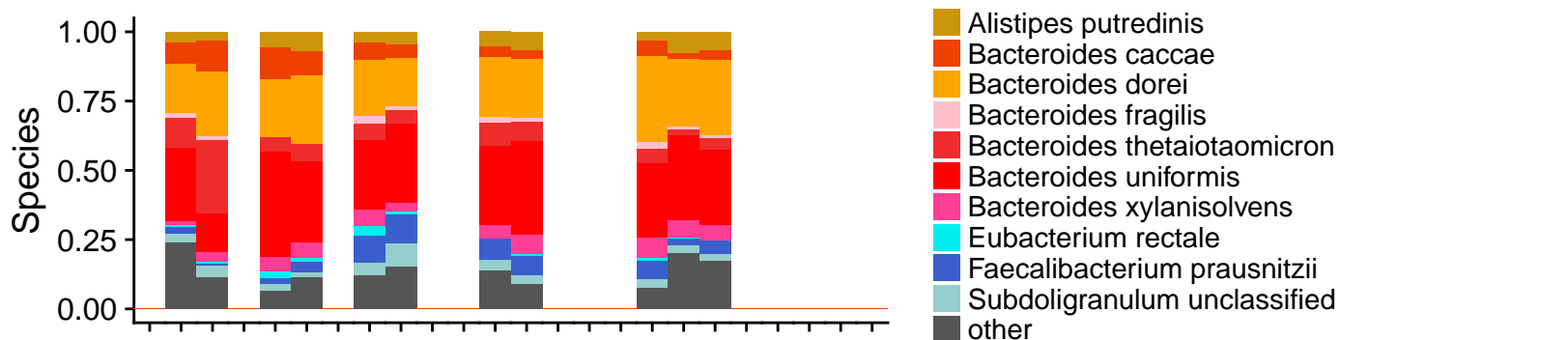
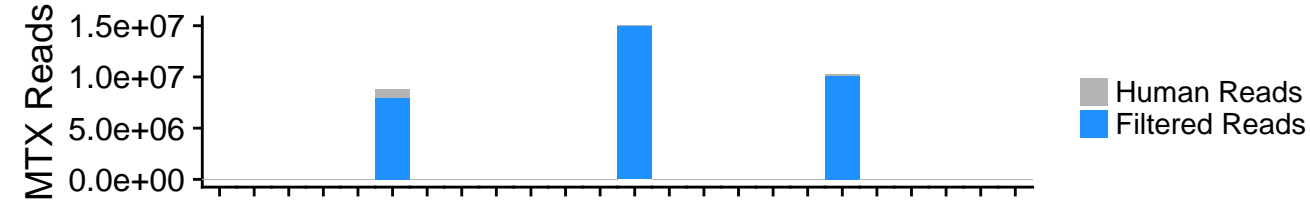
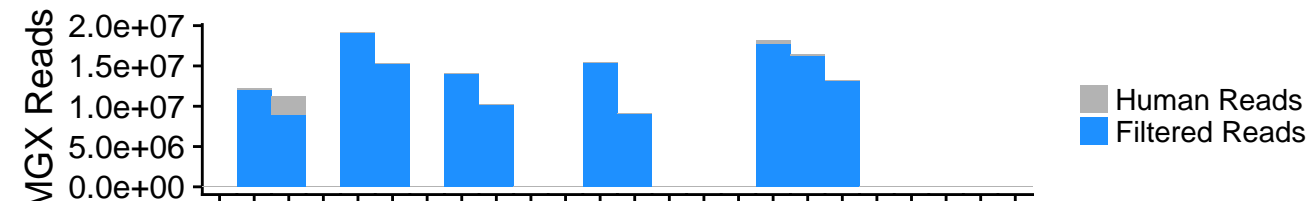
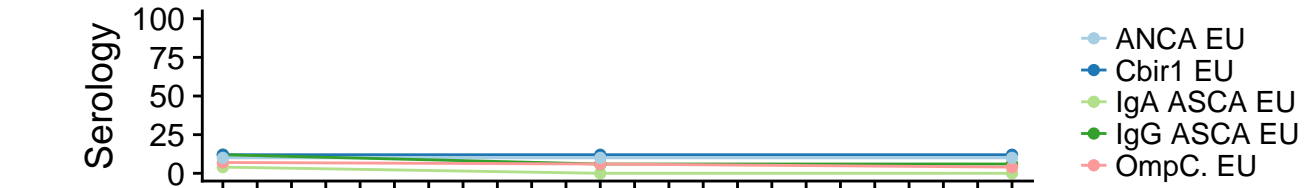
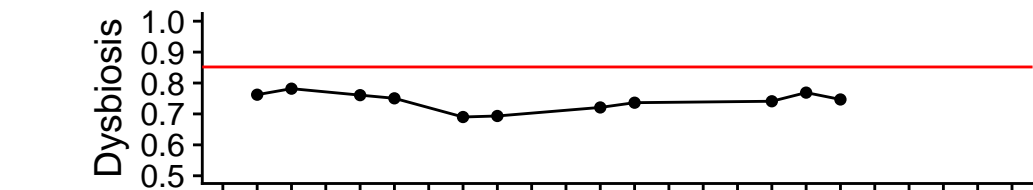
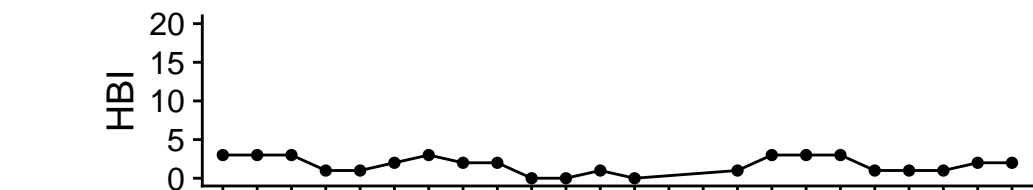
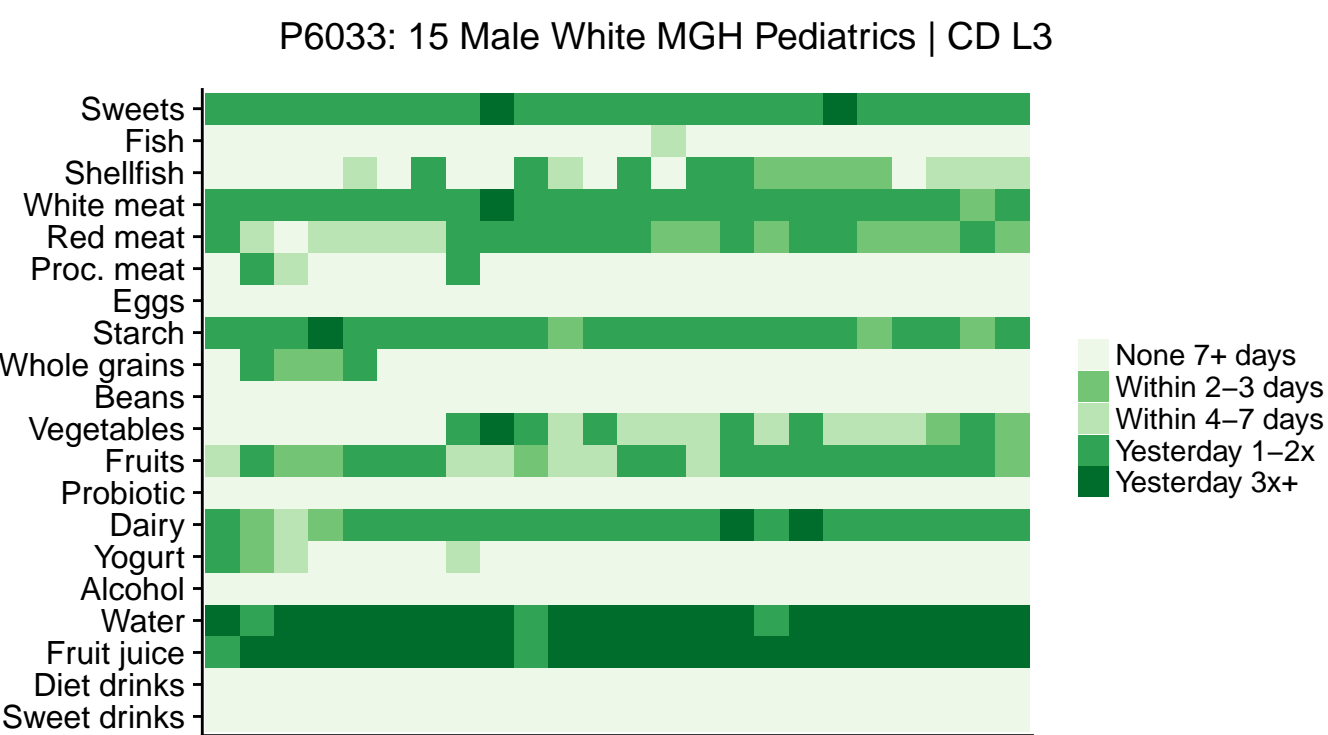
Transcription

Metabolites

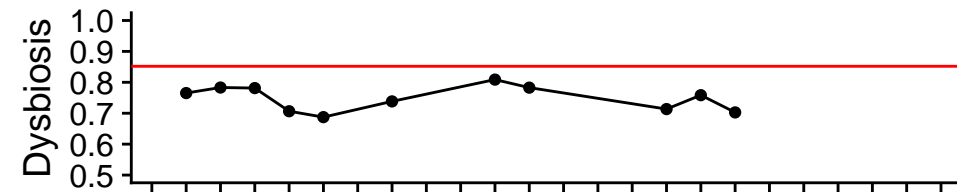
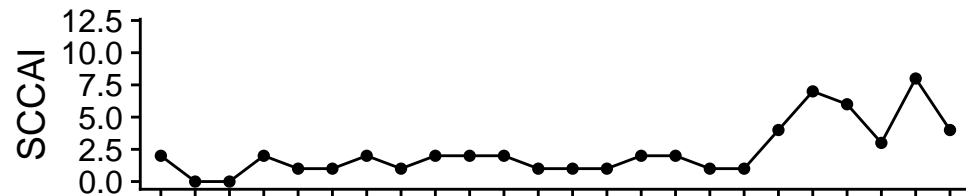
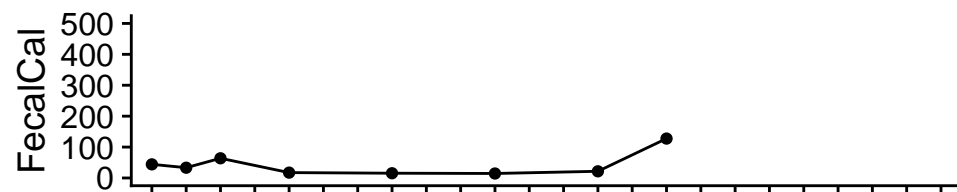
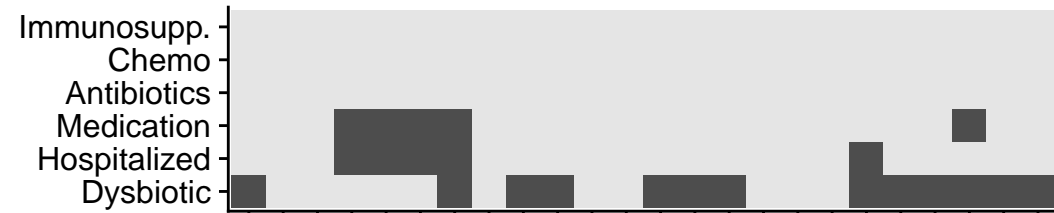
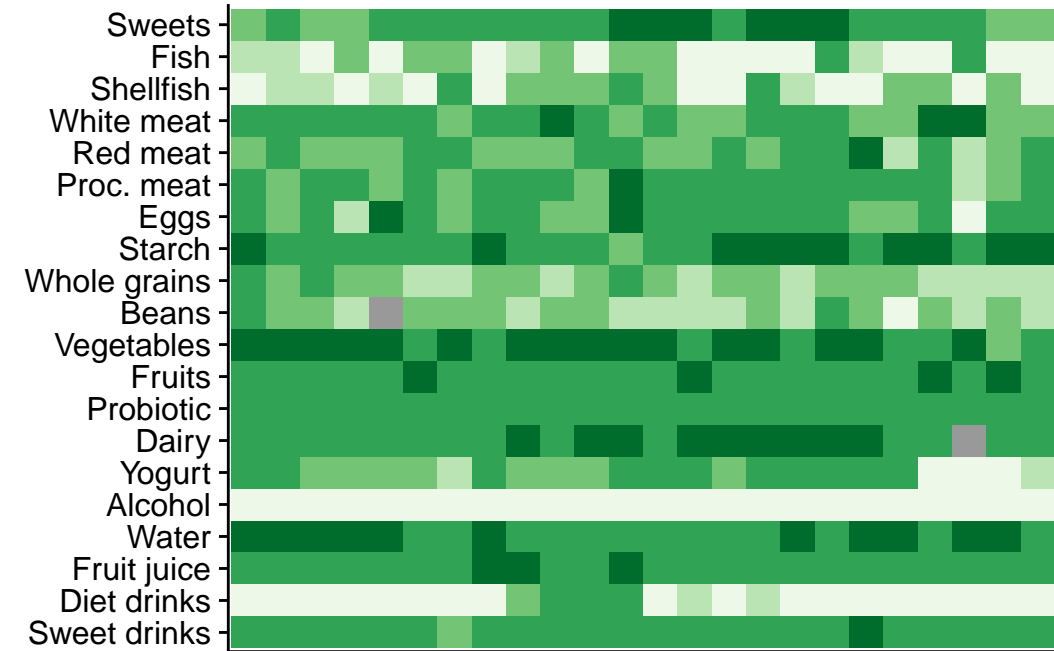
Proteins

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

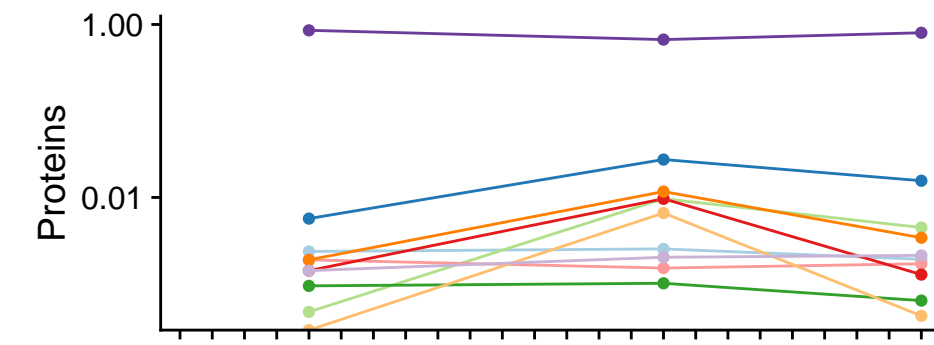
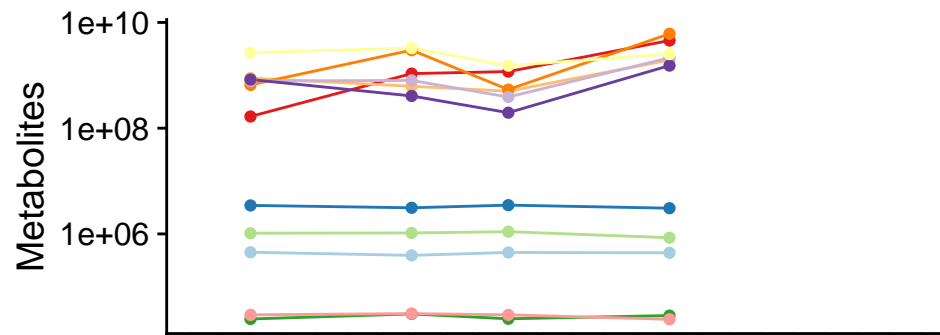
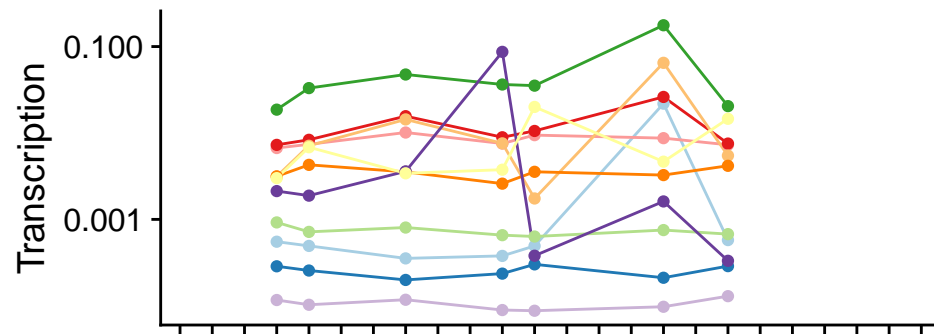
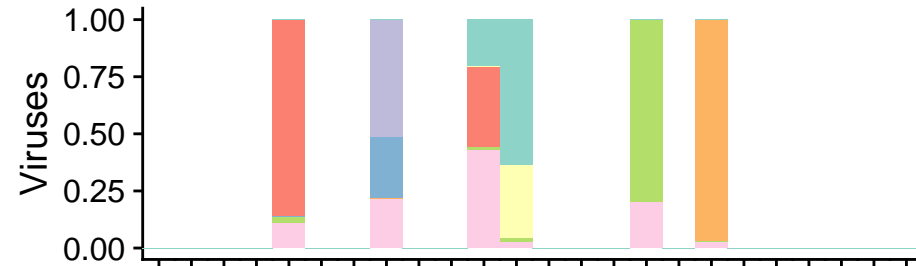
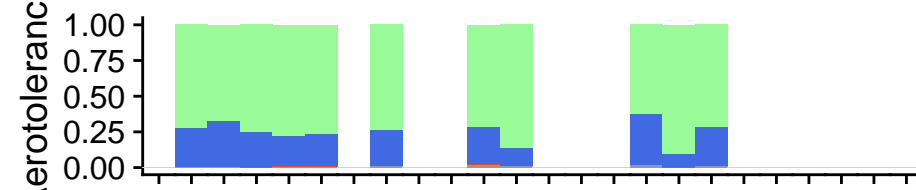
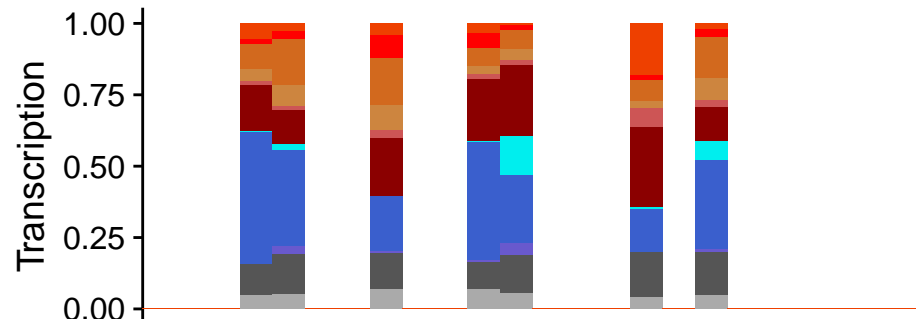
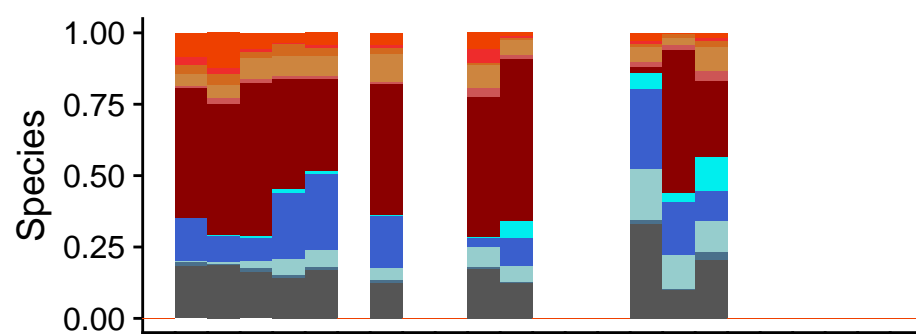
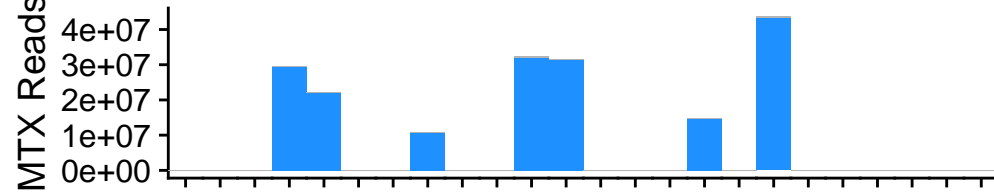
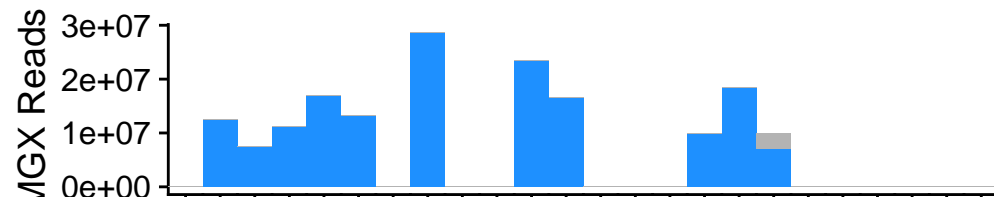


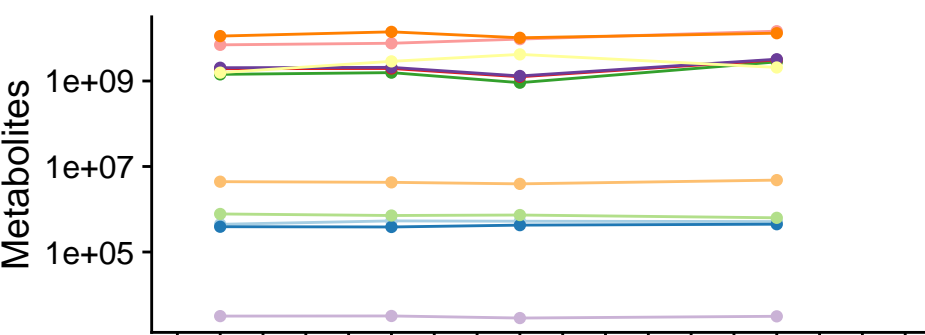
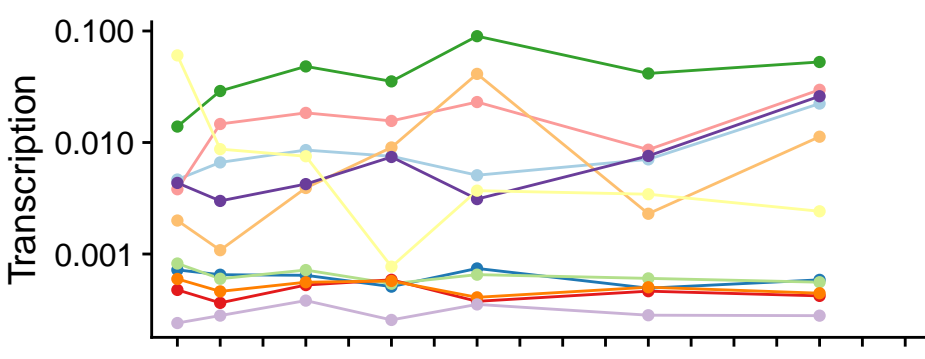
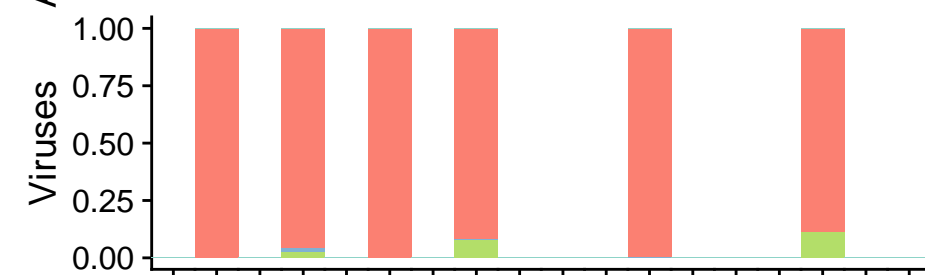
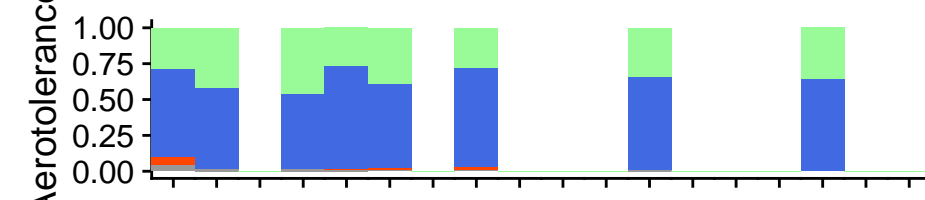
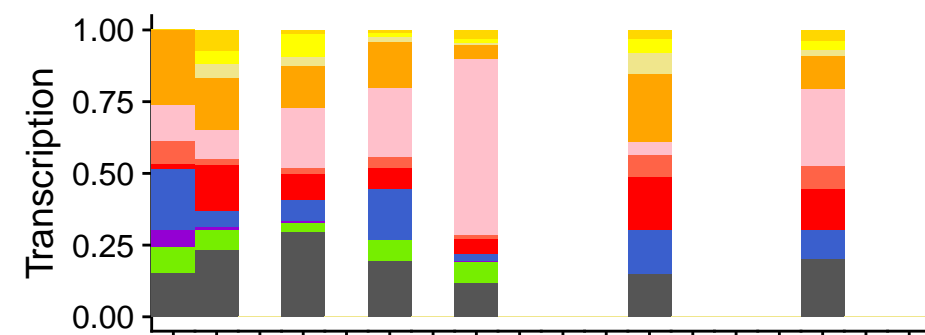
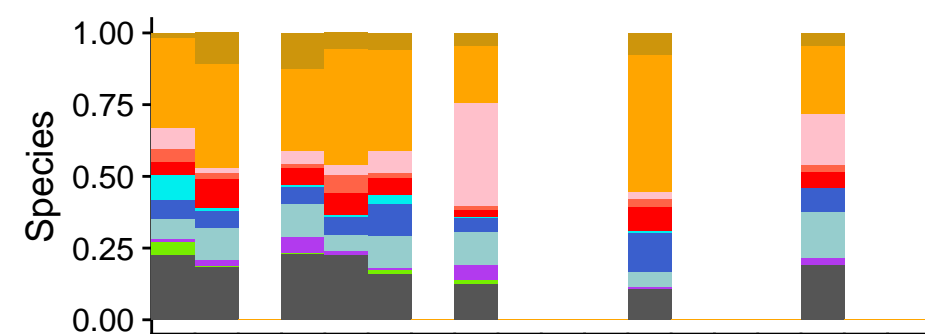
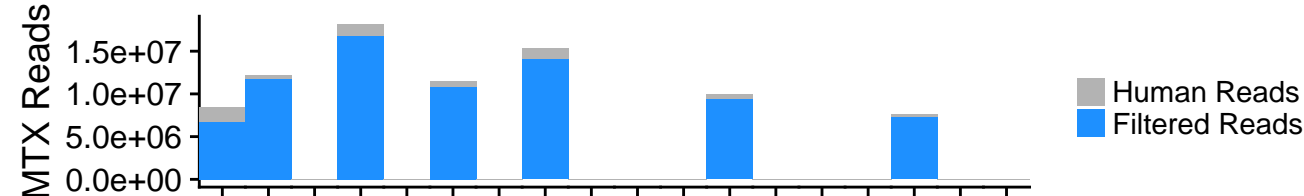
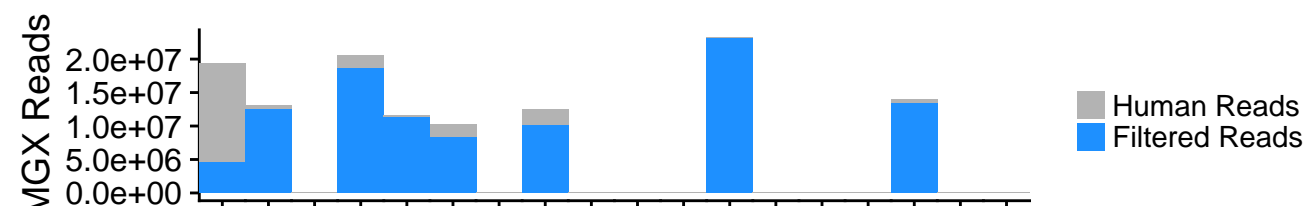
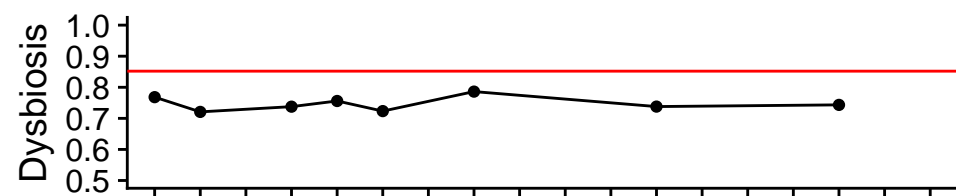
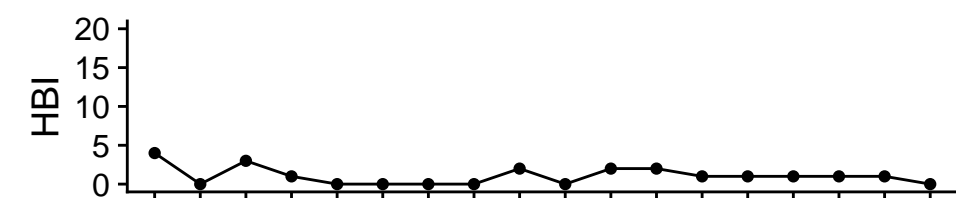
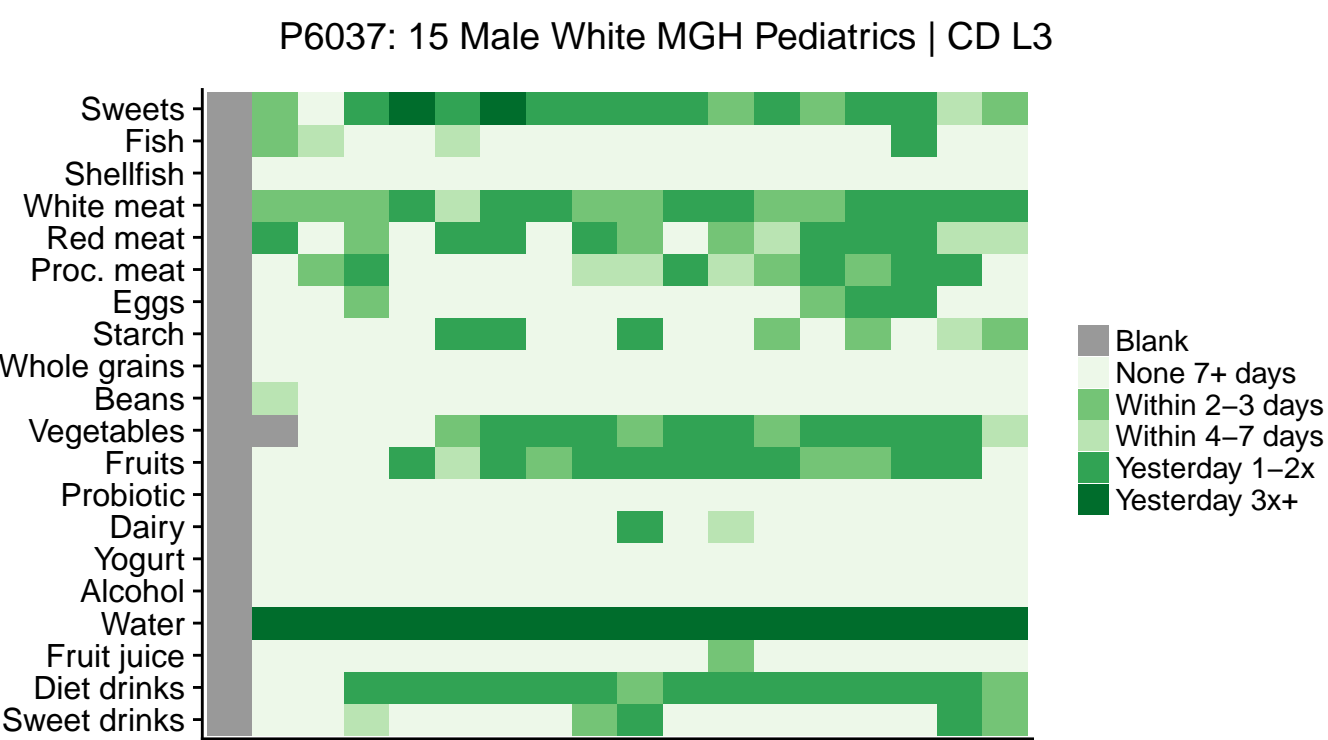


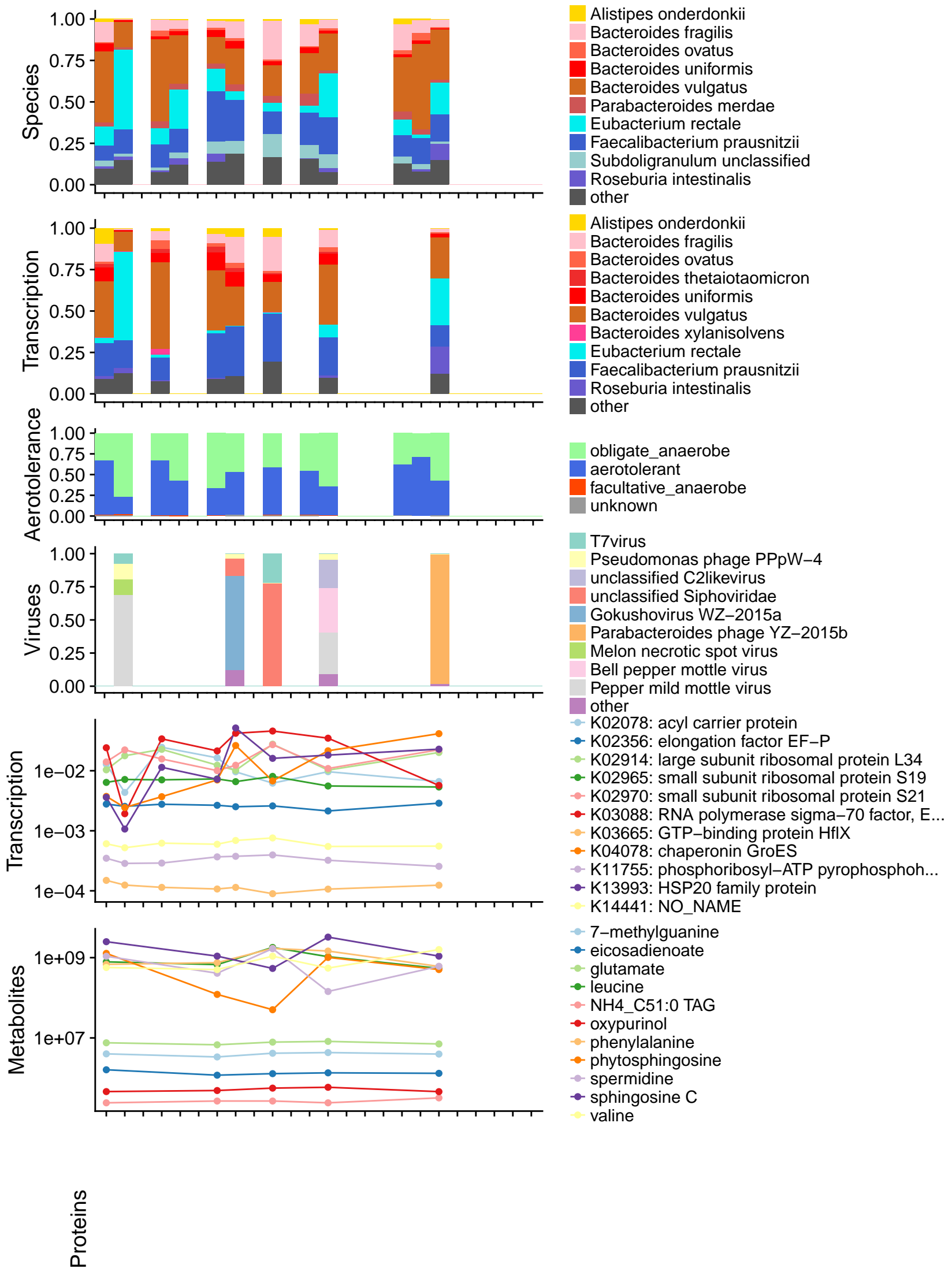
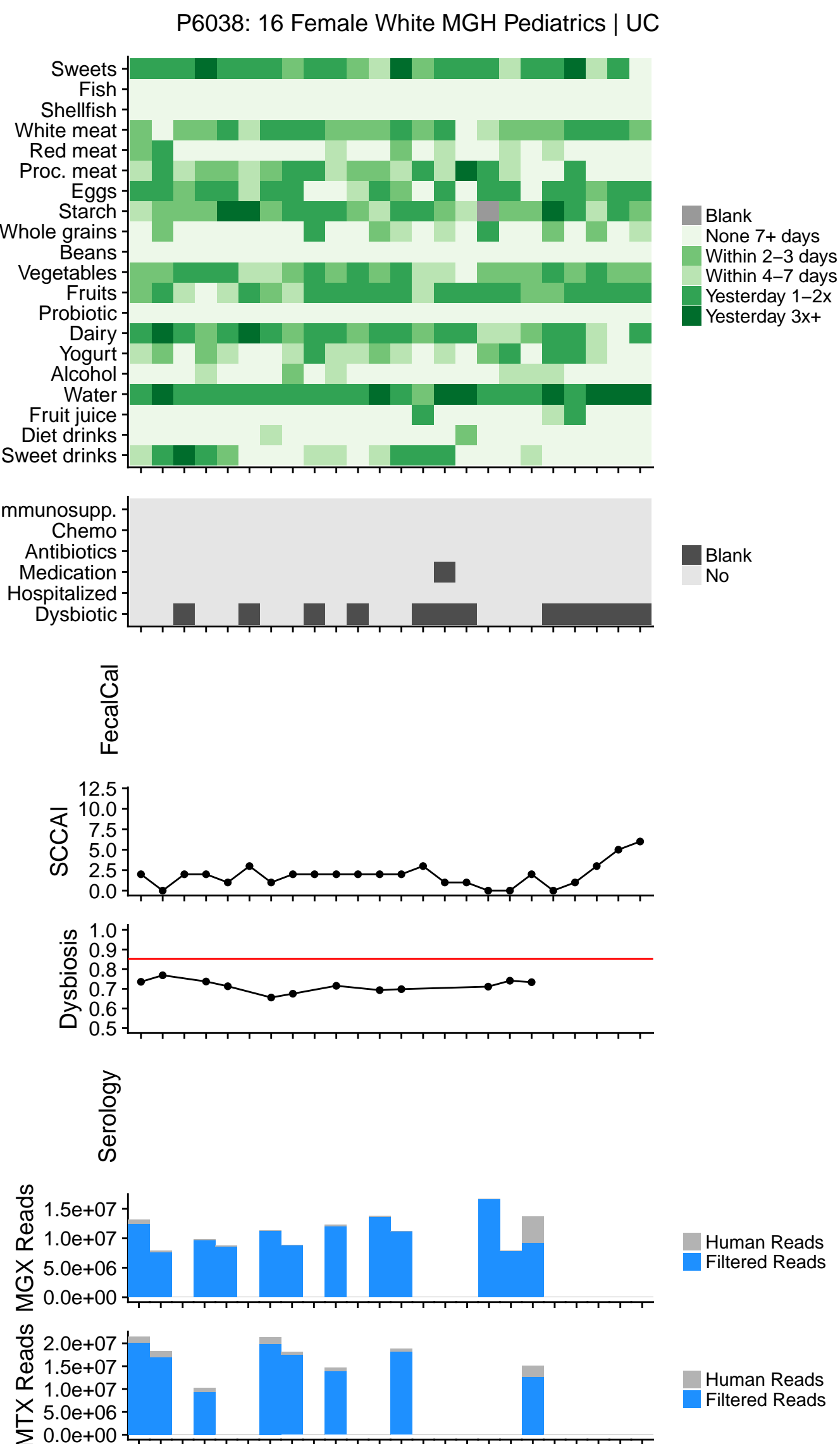
P6035: 16 Male White MGH Pediatrics | UC



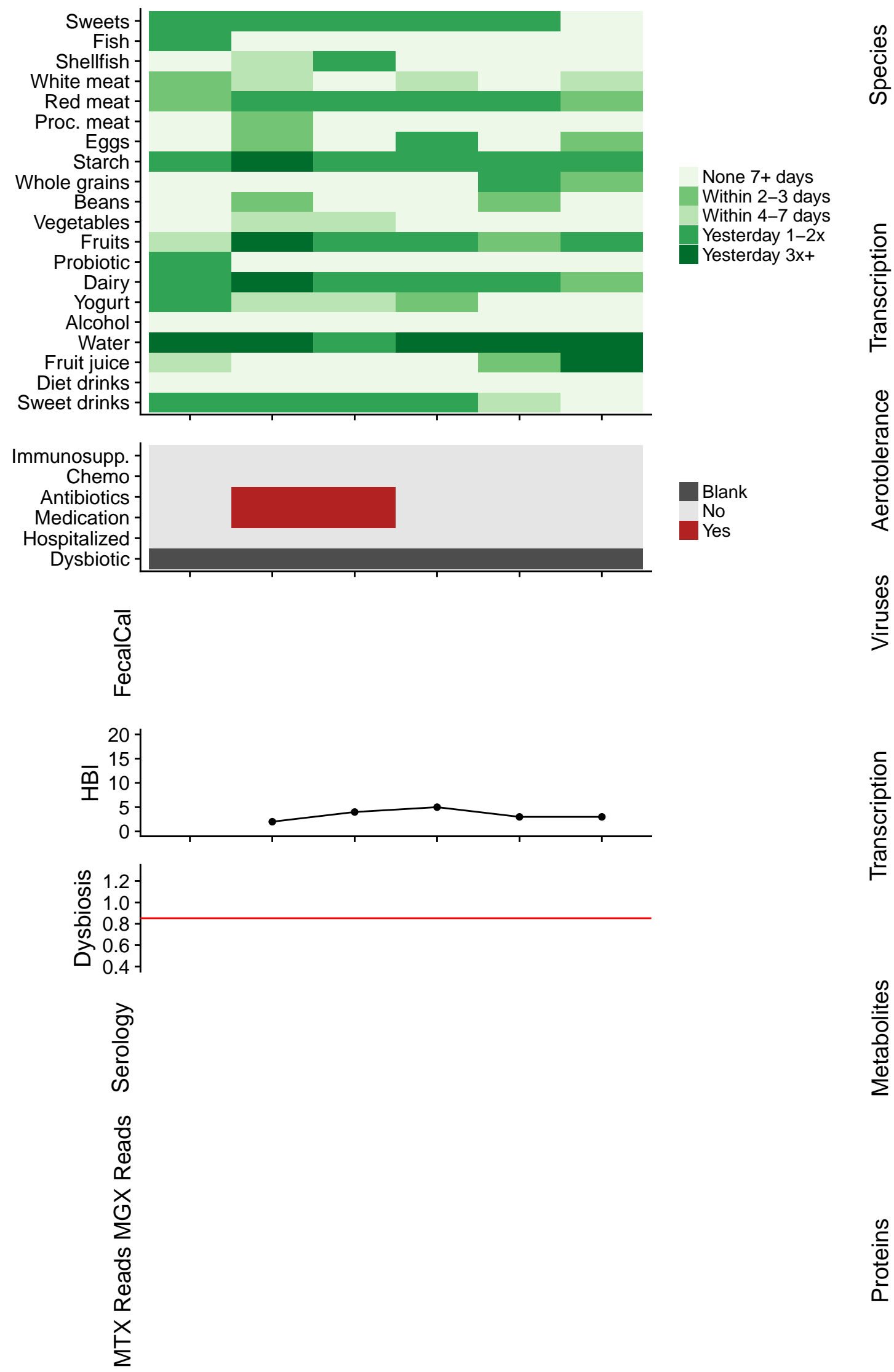
Serology



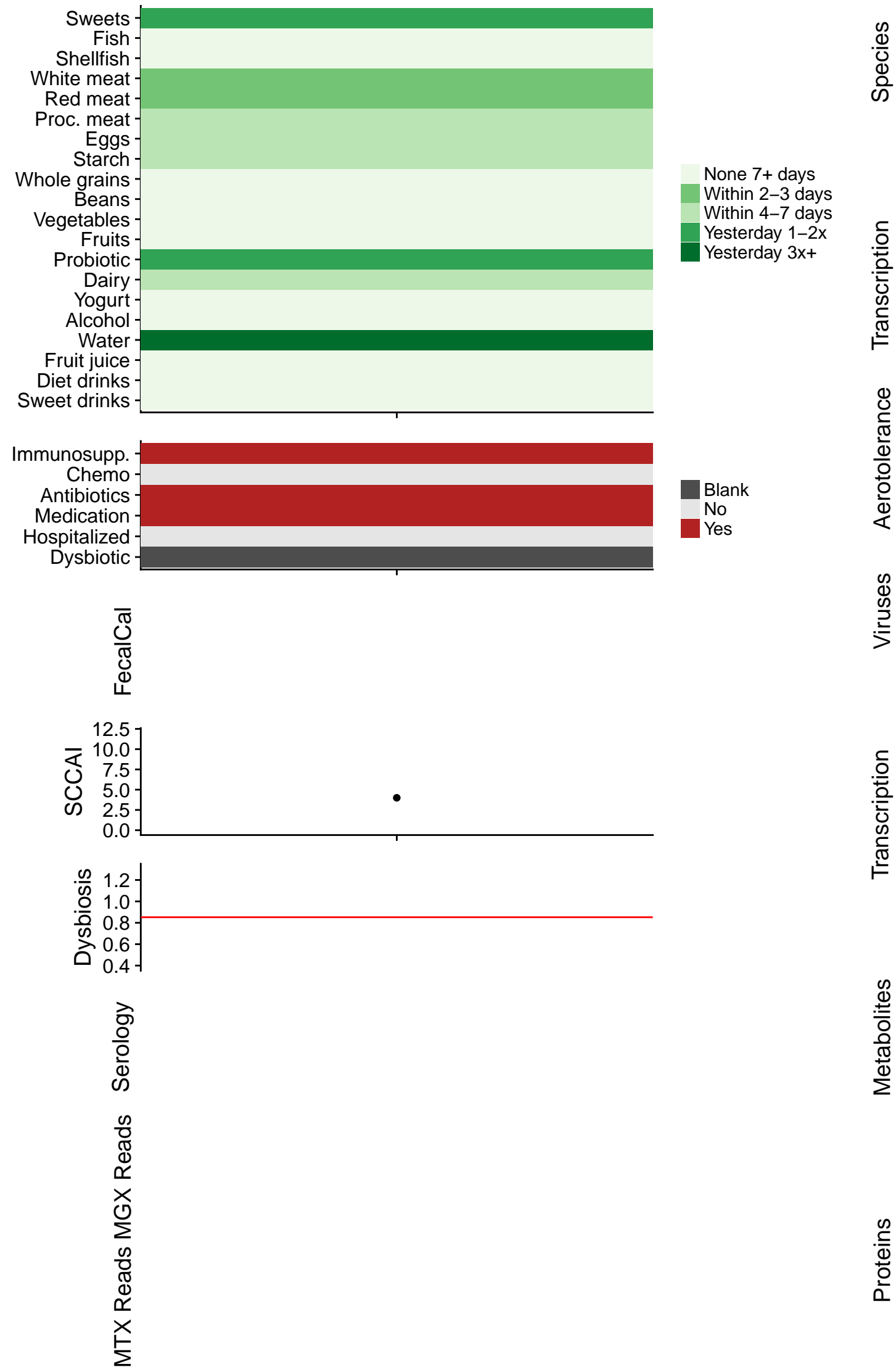




P6039: 12 Male More than one race MGH Pediatrics | CD L3



P6041: 993 Female White MGH Pediatrics | UC



P6042: 12 Male White MGH Pediatrics | UC

