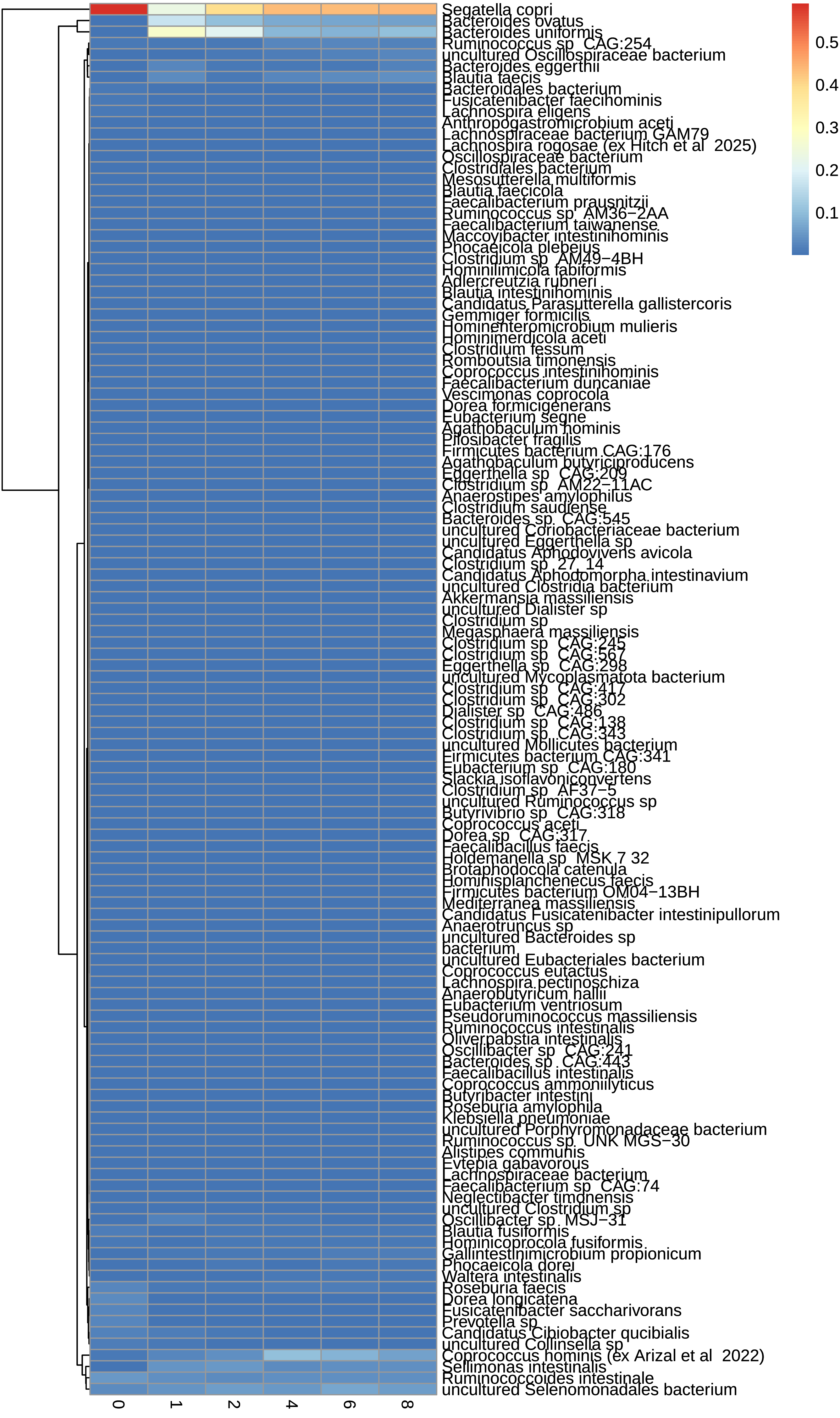

F0

Segatella copri
Bacteroides ovatus
Bacteroides uniformis
Ruminococcus sp CAG:254
uncultured Oscillospiraceae bacterium
Bacteroides eggerthii
Blautia faecis
Bacteroidales bacterium
Fusicatenibacter faecihominis
Lachnospira eligens
Anthropogastromicrobium aceti
Lachnospiraceae bacterium GAM79
Lachnospira rogosae (ex Hitch et al 2025)
Oscillospiraceae bacterium
Clostridiales bacterium
Mesosutterella multiformis
Blautia faecicola
Faecalibacterium prausnitzii
Ruminococcus sp AM36−2AA
Faecalibacterium taiwanense
Maccoyibacter intestinihominis
Phocaeicola plebeius
Clostridium sp AM49−4BH
Hominilimicola fabiformis
Adlercreutzia rubneri
Blautia intestinihominis
Candidatus Parasutterella gallistercoris
Gemmiger formicilis
Hominenteromicrobium mulieris
Hominimerdicola aceti
Clostridium fessum
Romboutsia timonensis
Coprococcus intestinihominis
Faecalibacterium duncaniae
Vescimonas coprocola
Dorea formicigenerans
Eubacterium segne
Agathobaculum hominis
Pilosibacter fragilis
Firmicutes bacterium CAG:176
Agathobaculum butyriciproducens
Eggerthella sp CAG:209
Clostridium sp AM22−11AC
Anaerostipes amylophilus
Clostridium saudiense
Bacteroides sp CAG:545
uncultured Coriobacteriaceae bacterium
uncultured Eggerthella sp
Candidatus Aphodoviveris avicola
Clostridium sp 27 14
Candidatus Aphodomorpha intestinavium
uncultured Clostridia bacterium
Akkermansia massiliensis
uncultured Dialister sp
Clostridium sp
Megasphaera massiliensis
Clostridium sp CAG:245
Clostridium sp CAG:567
Eggerthella sp CAG:298
uncultured Mycoplasmatota bacterium
Clostridium sp CAG:417
Clostridium sp CAG:302
Dialister sp CAG:486
Clostridium sp CAG:138
Clostridium sp CAG:343
uncultured Mollicutes bacterium
Firmicutes bacterium CAG:341
Eubacterium sp CAG:180
Slackia isoflavoniconvertens
Clostridium sp AF37−5
uncultured Ruminococcus sp
Butyrivibrio sp CAG:318
Coprococcus aceti
Dorea sp CAG:317
Faecalibacillus faecis
Holdemanella sp MSK 7 32
Brotaphodocola catenula
Hominisplanchenecus faecis
Firmicutes bacterium OM04−13BH
Mediterranea massiliensis
Candidatus Fusicatenibacter intestinipullorum
Anaerotruncus sp
uncultured Bacteroides sp
bacterium
uncultured Eubacteriales bacterium
Coprococcus eutactus
Lachnospira pectinoschiza
Anaerobutyricum hallii
Eubacterium ventriosum
Pseudoruminococcus massiliensis
Ruminococcus intestinalis
Oliverpabstia intestinalis
Oscillibacter sp CAG:241
Bacteroides sp CAG:443
Faecalibacillus intestinalis
Coprococcus ammoniilyticus
Butyribacter intestini
Roseburia amylophila
Klebsiella pneumoniae
uncultured Porphyromonadaceae bacterium
Ruminococcus sp UNK MGS−30
Alistipes communis
Evtepia gabavorous
Lachnospiraceae bacterium
Faecalibacterium sp CAG:74
Neglectibacter timonensis
uncultured Clostridium sp
Oscillibacter sp MSJ−31
Blautia fusiformis
Hominicoprocola fusiformis
Gallintestinimicrobium propionicum
Phocaeicola dorei
Waltera intestinalis
Roseburia faecis
Dorea longicatena
Fusicatenibacter saccharivorans
Prevotella sp
Candidatus Cibiobacter qucibialis
uncultured Collinsella sp
Coprococcus hominis (ex Arizal et al 2022)
Sellimonas intestinalis
Ruminococcoides intestinale
uncultured Selenomonadales bacterium
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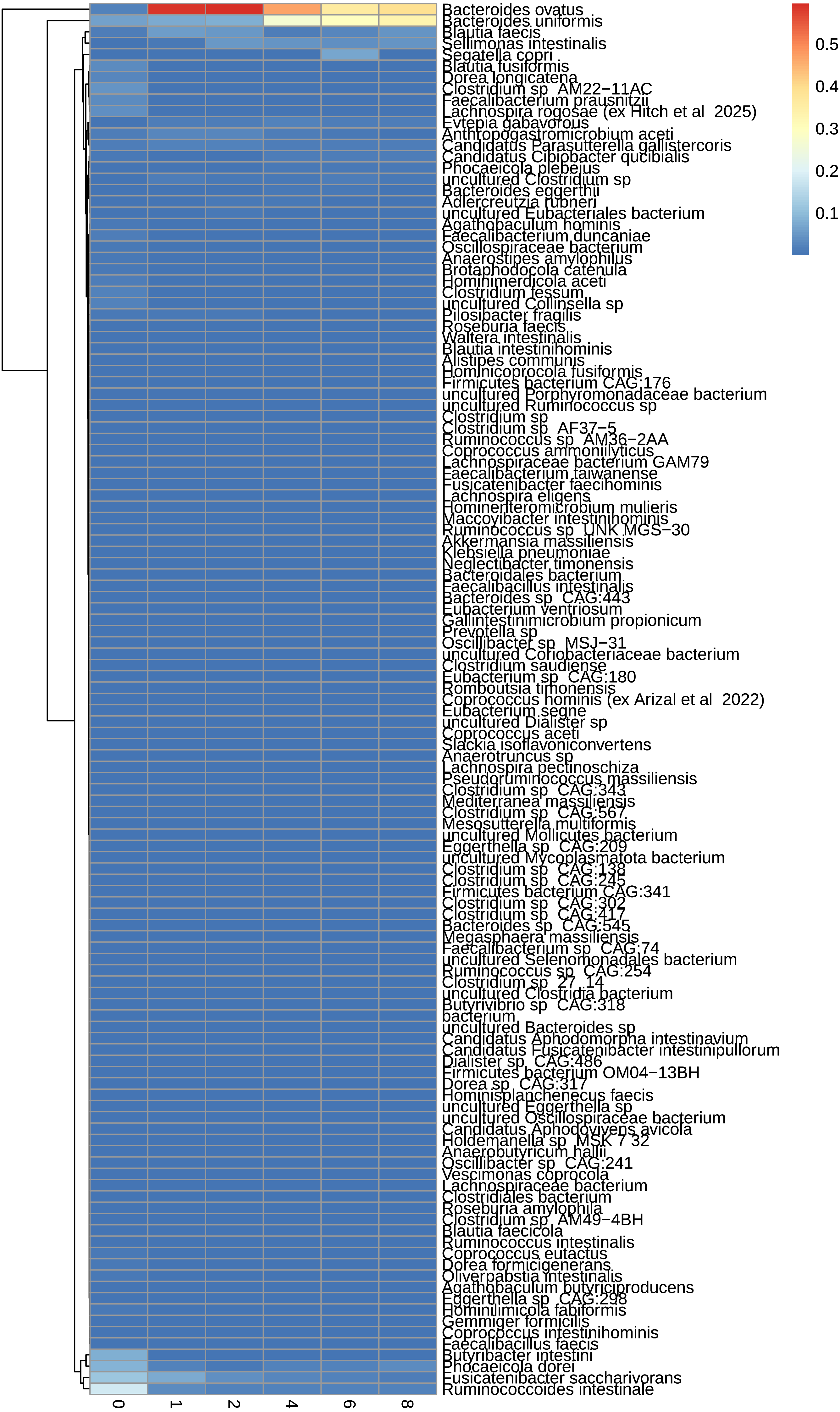

F1

Bacteroides ovatus
Bacteroides uniformis
Blautia faecis
Sellimonas intestinalis
Segatella copri
Blautia fusiformis
Dorea longicatena
Clostridium sp AM22−11AC
Faecalibacterium prausnitzii
Lachnospira rogosae (ex Hitch et al 2025)
Evtepia gabavorous
Anthropogastromicrobium aceti
Candidatus Parasutterella gallistercoris
Candidatus Cibiobacter qucibialis
Phocaeicola plebeius
uncultured Clostridium sp
Bacteroides eggerthii
Adlercreutzia rubneri
uncultured Eubacteriales bacterium
Agathobaculum hominis
Faecalibacterium duncaniae
Oscillospiraceae bacterium
Anaerostipes amylophilus
Brotaphodocola catenula
Hominimerdicola aceti
Clostridium fessum
uncultured Collinsella sp
Pilosibacter fragilis
Roseburia faecis
Waltera intestinalis
Blautia intestinihominis
Alistipes communis
Hominicoprocola fusiformis
Firmicutes bacterium CAG:176
uncultured Porphyromonadaceae bacterium
uncultured Ruminococcus sp
Clostridium sp
Clostridium sp AF37−5
Ruminococcus sp AM36−2AA
Coprococcus ammoniilyticus
Lachnospiraceae bacterium GAM79
Faecalibacterium taiwanense
Fusicatenibacter faecihominis
Lachnospira eligens
Hominenteromicrobium mulieris
Maccoyibacter intestinihominis
Ruminococcus sp UNK MGS−30
Akkermansia massiliensis
Klebsiella pneumoniae
Neglectibacter timonensis
Bacteroidales bacterium
Faecalibacillus intestinalis
Bacteroides sp CAG:443
Eubacterium ventriosum
Gallintestinimicrobium propionicum
Prevotella sp
Oscillibacter sp MSJ−31
uncultured Coriobacteriaceae bacterium
Clostridium saudiense
Eubacterium sp CAG:180
Romboutsia timonensis
Coprococcus hominis (ex Arizal et al 2022)
Eubacterium segne
uncultured Dialister sp
Coprococcus aceti
Slackia isoflavoniconvertens
Anaerotruncus sp
Lachnospira pectinoschiza
Pseudoruminococcus massiliensis
Clostridium sp CAG:343
Mediterranea massiliensis
Clostridium sp CAG:567
Mesosutterella multiformis
uncultured Mollicutes bacterium
Eggerthella sp CAG:209
uncultured Mycoplasmatota bacterium
Clostridium sp CAG:138
Clostridium sp CAG:245
Firmicutes bacterium CAG:341
Clostridium sp CAG:302
Clostridium sp CAG:417
Bacteroides sp CAG:545
Megasphaera massiliensis
Faecalibacterium sp CAG:74
uncultured Selenomonadales bacterium
Ruminococcus sp CAG:254
Clostridium sp 27_14
uncultured Clostridia bacterium
Butyrivibrio sp CAG:318
bacterium
uncultured Bacteroides sp
Candidatus Aphodomorpha intestinavium
Candidatus Fusicatenibacter intestinipullorum
Dialister sp CAG:486
Firmicutes bacterium OM04−13BH
Dorea sp CAG:317
Hominisplanchenecus faecis
uncultured Eggerthella sp
uncultured Oscillospiraceae bacterium
Candidatus Aphodovivens avicola
Holdemanella sp MSK 7 32
Anaerobutyricum hallii
Oscillibacter sp CAG:241
Vescimonas coprocola
Lachnospiraceae bacterium
Clostridiales bacterium
Roseburia amylophila
Clostridium sp AM49−4BH
Blautia faecicola
Ruminococcus intestinalis
Coprococcus eutactus
Dorea formicigenerans
Oliverpabstia intestinalis
Agathobaculum butyriciproducens
Eggerthella sp CAG:298
Hominilimicola fabiformis
Gemmiger formicilis
Coprococcus intestinihominis
Faecalibacillus faecis
Butyribacter intestini
Phocaeicola dorei
Fusicatenibacter saccharivorans
Ruminococcoides intestinale
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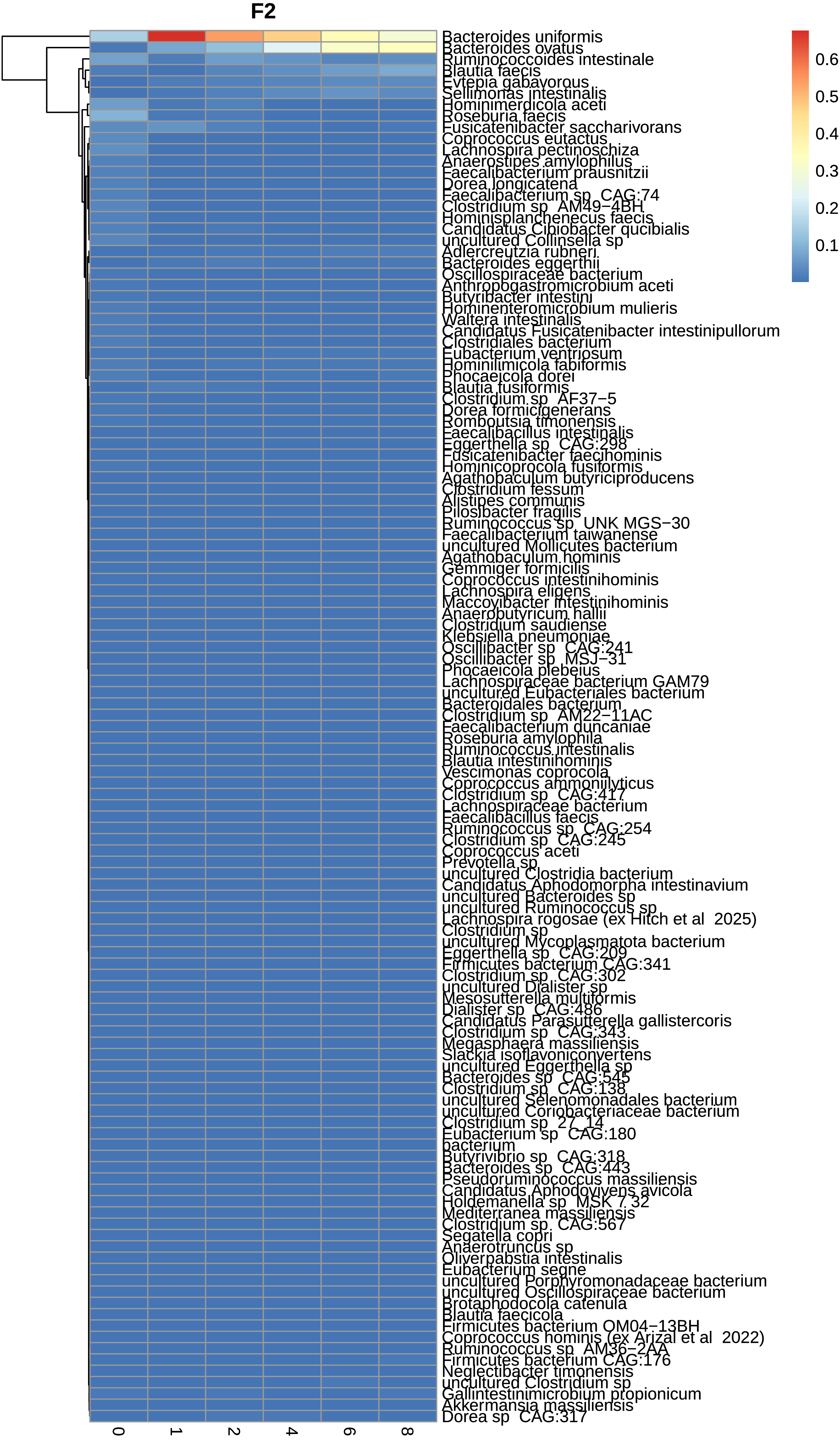
F2
Bacteroides uniformis
Bacteroides ovatus
Ruminococcoides intestinale
Blautia faecis
Evtepia gabavorous
Sellimonas intestinalis
Hominimerdicola aceti
Roseburia faecis
Fusicatenibacter saccharivorans
Coprococcus eutactus
Lachnospira pectinoschiza
Anaerostipes amylophilus
Faecalibacterium prausnitzii
Dorea longicatena
Faecalibacterium sp CAG:74
Clostridium sp AM49−4BH
Hominisplanchenecus faecis
Candidatus Cibiobacter qucibialis
uncultured Collinsella sp
Adlercreutzia rubneri
Bacteroides eggerthii
Oscillospiraceae bacterium
Anthropogastromicrobium aceti
Butyribacter intestini
Hominenteromicrobium mulieris
Waltera intestinalis
Candidatus Fusicatenibacter intestinipullorum
Clostridiales bacterium
Eubacterium ventriosum
Hominilimicola fabiformis
Phocaeicola dorei
Blautia fusiformis
Clostridium sp AF37−5
Dorea formicigenerans
Romboutsia timonensis
Faecalibacillus intestinalis
Eggerthella sp CAG:298
Fusicatenibacter faecihominis
Hominicoprocola fusiformis
Agathobaculum butyriciproducens
Clostridium fessum
Alistipes communis
Pilosibacter fragilis
Ruminococcus sp UNK MGS−30
Faecalibacterium taiwanense
uncultured Mollicutes bacterium
Agathobaculum hominis
Gemmiger formicilis
Coprococcus intestinihominis
Lachnospira eligens
Maccoyibacter intestinihominis
Anaerobutyricum hallii
Clostridium saudiense
Klebsiella pneumoniae
Oscillibacter sp CAG:241
Oscillibacter sp MSJ−31
Phocaeicola plebeius
Lachnospiraceae bacterium GAM79
uncultured Eubacteriales bacterium
Bacteroidales bacterium
Clostridium sp AM22−11AC
Faecalibacterium duncaniae
Roseburia amylophila
Ruminococcus intestinalis
Blautia intestinihominis
Vescimonas coprocola
Coprococcus ammoniilyticus
Clostridium sp CAG:417
Lachnospiraceae bacterium
Faecalibacillus faecis
Ruminococcus sp CAG:254
Clostridium sp CAG:245
Coprococcus aceti
Prevotella sp
uncultured Clostridia bacterium
Candidatus Aphodomorpha intestinavium
uncultured Bacteroides sp
uncultured Ruminococcus sp
Lachnospira rogosae (ex Hitch et al 2025)
Clostridium sp
uncultured Mycoplasmatota bacterium
Eggerthella sp CAG:209
Firmicutes bacterium CAG:341
Clostridium sp CAG:302
uncultured Dialister sp
Mesosutterella multiformis
Dialister sp CAG:486
Candidatus Parasutterella gallistercoris
Clostridium sp CAG:343
Megasphaera massiliensis
Slackia isoflavoniconvertens
uncultured Eggerthella sp
Bacteroides sp CAG:545
Clostridium sp CAG:138
uncultured Selenomonadales bacterium
uncultured Coriobacteriaceae bacterium
Clostridium sp 27_14
Eubacterium sp CAG:180
bacterium
Butyrivibrio sp CAG:318
Bacteroides sp CAG:443
Pseudoruminococcus massiliensis
Candidatus Aphodovivens avicola
Holdemanella sp MSK 7 32
Mediterranea massiliensis
Clostridium sp CAG:567
Segatella copri
Anaerotruncus sp
Oliverpabstia intestinalis
Eubacterium segne
uncultured Porphyromonadaceae bacterium
uncultured Oscillospiraceae bacterium
Brotaphodocola catenula
Blautia faecicola
Firmicutes bacterium OM04−13BH
Coprococcus hominis (ex Arizal et al 2022)
Ruminococcus sp AM36−2AA
Firmicutes bacterium CAG:176
Neglectibacter timonensis
uncultured Clostridium sp
Gallintestinimicrobium propionicum
Akkermansia massiliensis
Dorea sp CAG:317
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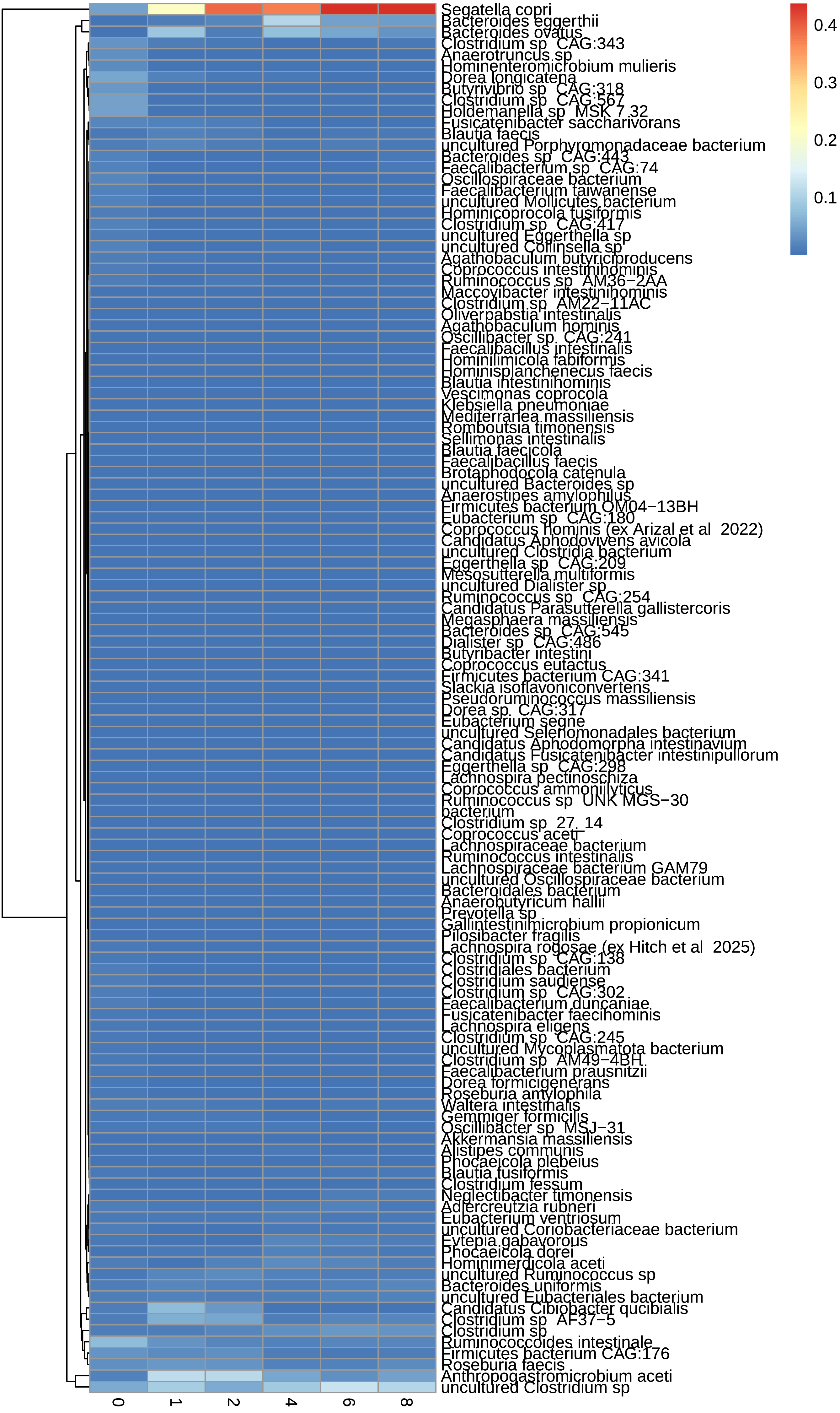

F3

Segatella copri
Bacteroides eggerthii
Bacteroides ovatus
Clostridium sp CAG:343
Anaerotruncus sp
Hominenteromicrobium mulieris
Dorea longicatena
Butyrivibrio sp CAG:318
Clostridium sp CAG:567
Holdemanella sp MSK 7 32
Fusicatenibacter saccharivorans
Blautia faecis
uncultured Porphyromonadaceae bacterium
Bacteroides sp CAG:443
Faecalibacterium sp CAG:74
Oscillospiraceae bacterium
Faecalibacterium taiwanense
uncultured Mollicutes bacterium
Hominicoprocola fusiformis
Clostridium sp CAG:417
uncultured Eggerthella sp
uncultured Collinsella sp
Agathobaculum butyriciproducens
Coprococcus intestinihominis
Ruminococcus sp AM36−2AA
Maccoyibacter intestinihominis
Clostridium sp AM22−11AC
Oliverpabstia intestinalis
Agathobaculum hominis
Oscillibacter sp CAG:241
Faecalibacillus intestinalis
Hominilimicola fabiformis
Hominisplanchenecus faecis
Blautia intestinihominis
Vescimonas coprocola
Klebsiella pneumoniae
Mediterranea massiliensis
Romboutsia timonensis
Sellimonas intestinalis
Blautia faecicola
Faecalibacillus faecis
Brotaphodocola catenula
uncultured Bacteroides sp
Anaerostipes amylophilus
Firmicutes bacterium OM04−13BH
Eubacterium sp CAG:180
Coprococcus hominis (ex Arizal et al 2022)
Candidatus Aphodovivens avicola
uncultured Clostridia bacterium
Eggerthella sp CAG:209
Mesosutterella multiformis
uncultured Dialister sp
Ruminococcus sp CAG:254
Candidatus Parasutterella gallistercoris
Megasphaera massiliensis
Bacteroides sp CAG:545
Dialister sp CAG:486
Butyribacter intestini
Coprococcus eutactus
Firmicutes bacterium CAG:341
Slackia isoflavoniconvertens
Pseudoruminococcus massiliensis
Dorea sp CAG:317
Eubacterium siraeum
uncultured Selenomonadales bacterium
Candidatus Aphodomorpha intestinavium
Candidatus Fusicatenibacter intestinipullorum
Eggerthella sp CAG:298
Lachnospira pectinoschiza
Coprococcus ammoniilyticus
Ruminococcus sp UNK MGS−30
bacterium
Clostridium sp 27_14
Coprococcus aceti
Lachnospiraceae bacterium
Ruminococcus intestinalis
Lachnospiraceae bacterium GAM79
uncultured Oscillospiraceae bacterium
Bacteroidales bacterium
Anaerobutyricum hallii
Prevotella sp
Gallintestinimicrobium propionicum
Pilosibacter fragilis
Lachnospira rogosae (ex Hitch et al 2025)
Clostridium sp CAG:138
Clostridiales bacterium
Clostridium saudiense
Clostridium sp CAG:302
Faecalibacterium duncaniae
Fusicatenibacter faecihominis
Lachnospira eligens
Clostridium sp CAG:245
uncultured Mycoplasmatota bacterium
Clostridium sp AM49−4BH
Faecalibacterium prausnitzii
Dorea formicigenerans
Roseburia amylophila
Waltera intestinalis
Gemmiger formicilis
Oscillibacter sp MSJ−31
Akkermansia massiliensis
Alistipes communis
Phocaeicola plebeius
Blautia fusiformis
Clostridium fessum
Neglectibacter timonensis
Adlercreutzia rubneri
Eubacterium ventriosum
uncultured Coriobacteriaceae bacterium
Evtepia gabavorous
Phocaeicola dorei
Hominimerdicola aceti
uncultured Ruminococcus sp
Bacteroides uniformis
uncultured Eubacteriales bacterium
Candidatus Cibiobacter qucibialis
Clostridium sp AF37−5
Clostridium sp
Ruminococcoides intestinale
Firmicutes bacterium CAG:176
Roseburia faecis
Anthropogastromicrobium aceti
uncultured Clostridium sp
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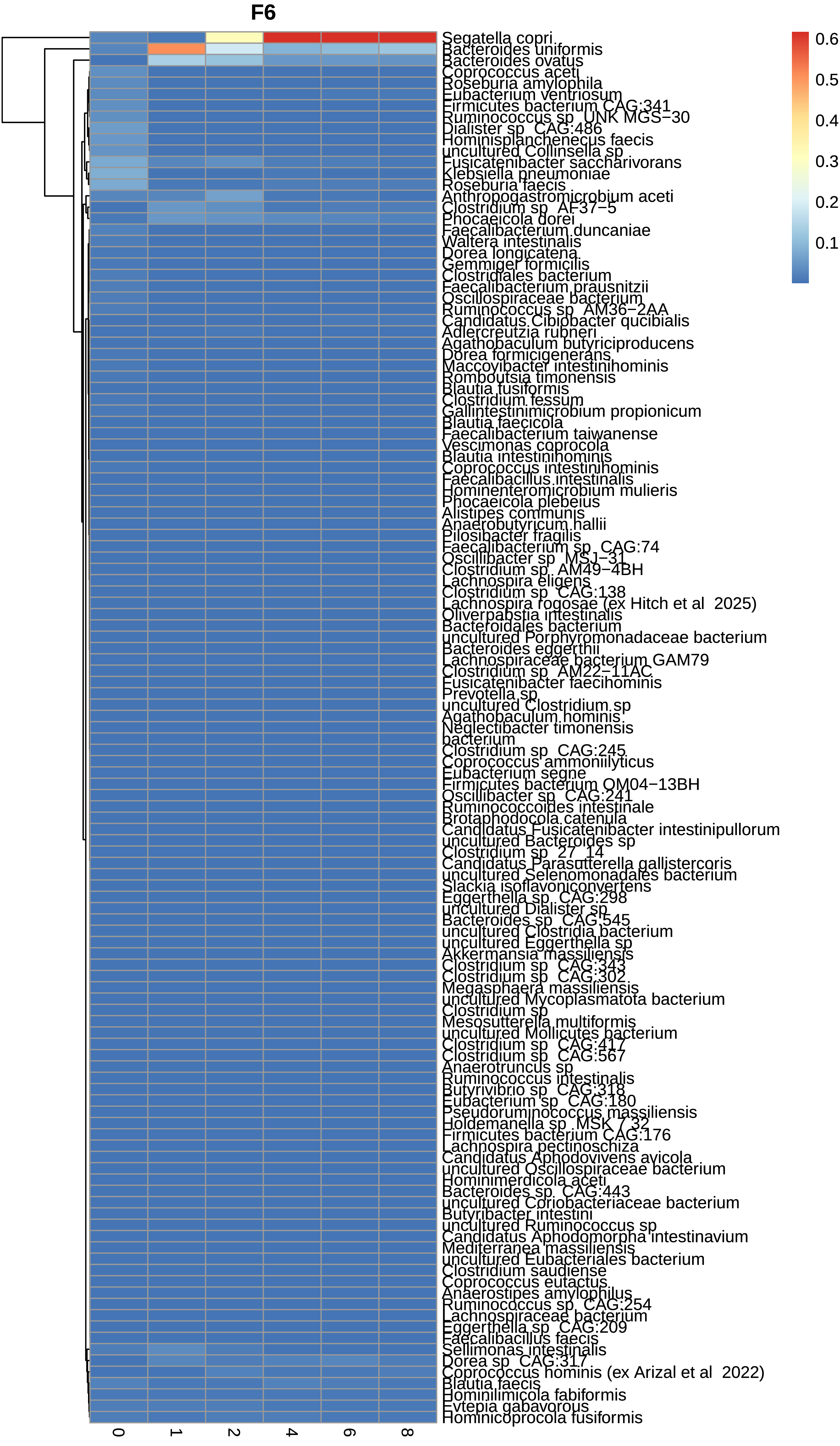
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Roseburia amylophila
Eubacterium ventriosum
Firmicutes bacterium CAG:341
Ruminococcus sp UNK MGS−30
Dialister sp CAG:486
Hominisplanchenecus faecis
uncultured Collinsella sp
Fusicatenibacter saccharivorans
Klebsiella pneumoniae
Roseburia faecis
Anthropogastromicrobium aceti
Clostridium sp AF37−5
Phocaeicola dorei
Faecalibacterium duncaniae
Waltera intestinalis
Dorea longicatena
Gemmiger formicilis
Clostridiales bacterium
Faecalibacterium prausnitzii
Oscillospiraceae bacterium
Ruminococcus sp AM36−2AA
Candidatus Cibiobacter qucibialis
Adlercreutzia rubneri
Agathobaculum butyriciproducens
Dorea formicigenerans
Maccoyibacter intestinihominis
Romboutsia timonensis
Blautia fusiformis
Clostridium fessum
Gallintestinimicrobium propionicum
Blautia faecicola
Faecalibacterium taiwanense
Vescimonas coprocola
Blautia intestinihominis
Coprococcus intestinihominis
Faecalibacillus intestinalis
Hominenteromicrobium mulieris
Phocaeicola plebeius
Alistipes communis
Anaerobutyricum hallii
Pilosibacter fragilis
Faecalibacterium sp CAG:74
Oscillibacter sp MSJ−31
Clostridium sp AM49−4BH
Lachnospira eligens
Clostridium sp CAG:138
Lachnospira rogosae (ex Hitch et al 2025)
Oliverpabstia intestinalis
Bacteroidales bacterium
uncultured Porphyromonadaceae bacterium
Bacteroides eggerthii
Lachnospiraceae bacterium GAM79
Clostridium sp AM22−11AC
Fusicatenibacter faecihominis
Prevotella sp
uncultured Clostridium sp
Agathobaculum hominis
Neglectibacter timonensis
bacterium
Clostridium sp CAG:245
Coprococcus ammoniilyticus
Eubacterium segne
Firmicutes bacterium OM04−13BH
Oscillibacter sp CAG:241
Ruminococcoides intestinale
Brotaphodocola catenula
Candidatus Fusicatenibacter intestinipullorum
uncultured Bacteroides sp
Clostridium sp 27 14
Candidatus Parasutterella gallistercoris
uncultured Selenomonadales bacterium
Slackia isoflavoniconvertens
Eggerthella sp CAG:298
uncultured Dialister sp
Bacteroides sp CAG:545
uncultured Clostridia bacterium
uncultured Eggerthella sp
Akkermansia massiliensis
Clostridium sp CAG:343
Clostridium sp CAG:302
Megasphaera massiliensis
uncultured Mycoplasmatota bacterium
Clostridium sp
Mesosutterella multiformis
uncultured Mollicutes bacterium
Clostridium sp CAG:417
Clostridium sp CAG:567
Anaerotruncus sp
Ruminococcus intestinalis
Butyrivibrio sp CAG:318
Eubacterium sp CAG:180
Pseudoruminococcus massiliensis
Holdemanella sp MSK 7 32
Firmicutes bacterium CAG:176
Lachnospira pectinoschiza
Candidatus Aphodovivens avicola
uncultured Oscillospiraceae bacterium
Hominimerdicola aceti
Bacteroides sp CAG:443
uncultured Coriobacteriaceae bacterium
Butyribacter intestini
uncultured Ruminococcus sp
Candidatus Aphodomorpha intestinavium
Mediterranea massiliensis
uncultured Eubacteriales bacterium
Clostridium saudiense
Coprococcus eutactus
Anaerostipes amylophilus
Ruminococcus sp CAG:254
Lachnospiraceae bacterium
Eggerthella sp CAG:209
Faecalibacillus faecis
Sellimonas intestinalis
Dorea sp CAG:317
Coprococcus hominis (ex Arizal et al 2022)
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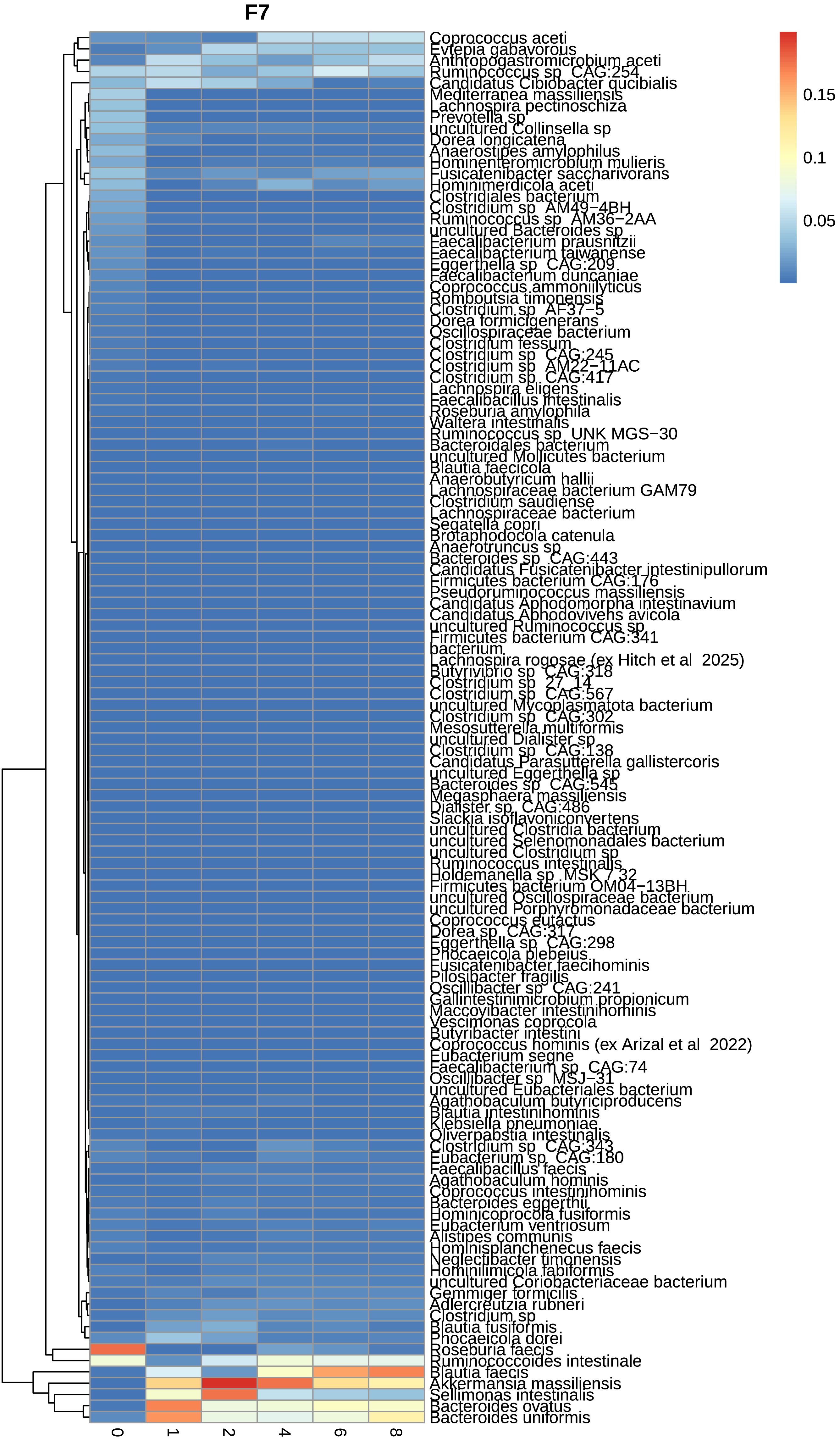
F7
Coprococcus aceti
Evtepia gabavorous
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Lachnospira pectinoschiza
Prevotella sp
uncultured Collinsella sp
Dorea longicatena
Anaerostipes amylophilus
Hominenteromicrobium mulieris
Fusicatenibacter saccharivorans
Hominimerdicola aceti
Clostridiales bacterium
Clostridium sp AM49−4BH
Ruminococcus sp AM36−2AA
uncultured Bacteroides sp
Faecalibacterium prausnitzii
Faecalibacterium taiwanense
Eggerthella sp CAG:209
Faecalibacterium duncaniae
Coprococcus ammoniilyticus
Romboutsia timonensis
Clostridium sp AF37−5
Dorea formicigenerans
Oscillospiraceae bacterium
Clostridium fessum
Clostridium sp CAG:245
Clostridium sp AM22−11AC
Clostridium sp CAG:417
Lachnospira eligens
Faecalibacillus intestinalis
Roseburia amylophila
Waltera intestinalis
Ruminococcus sp UNK MGS−30
Bacteroidales bacterium
uncultured Mollicutes bacterium
Blautia faecicola
Anaerobutyricum hallii
Lachnospiraceae bacterium GAM79
Clostridium saudiense
Lachnospiraceae bacterium
Segatella copri
Brotaphodocola catenula
Anaerotruncus sp
Bacteroides sp CAG:443
Candidatus Fusicatenibacter intestinipullorum
Firmicutes bacterium CAG:176
Pseudoruminococcus massiliensis
Candidatus Aphodomorpha intestinavium
Candidatus Aphodovivens avicola
uncultured Ruminococcus sp
Firmicutes bacterium CAG:341
bacterium
Lachnospira rogosae (ex Hitch et al 2025)
Butyrivibrio sp CAG:318
Clostridium sp 27_14
Clostridium sp CAG:567
uncultured Mycoplasmatota bacterium
Clostridium sp CAG:302
Mesosutterella multiformis
uncultured Dialister sp
Clostridium sp CAG:138
Candidatus Parasutterella gallistercoris
uncultured Eggerthella sp
Bacteroides sp CAG:545
Megasphaera massiliensis
Dialister sp CAG:486
Slackia isoflavoniconvertens
uncultured Clostridia bacterium
uncultured Selenomonadales bacterium
uncultured Clostridium sp
Ruminococcus intestinalis
Holdemanella sp MSK 7 32
Firmicutes bacterium OM04−13BH
uncultured Oscillospiraceae bacterium
uncultured Porphyromonadaceae bacterium
Coprococcus eutactus
Dorea sp CAG:317
Eggerthella sp CAG:298
Phocaeicola plebeius
Fusicatenibacter faecihominis
Pilosibacter fragilis
Oscillibacter sp CAG:241
Gallintestinimicrobium propionicum
Maccoyibacter intestinihominis
Vescimonas coprocola
Butyribacter intestini
Coprococcus hominis (ex Arizal et al 2022)
Eubacterium segne
Faecalibacterium sp CAG:74
Oscillibacter sp MSJ−31
uncultured Eubacteriales bacterium
Agathobaculum butyriciproducens
Blautia intestinihominis
Klebsiella pneumoniae
Oliverpabstia intestinalis
Clostridium sp CAG:343
Eubacterium sp CAG:180
Faecalibacillus faecis
Agathobaculum hominis
Coprococcus intestinihominis
Bacteroides eggerthii
Hominicoprocola fusiformis
Eubacterium ventriosum
Alistipes communis
Hominisplanchenecus faecis
Neglectibacter timonensis
Hominilimicola fabiformis
uncultured Coriobacteriaceae bacterium
Gemmiger formicilis
Adlercreutzia rubneri
Clostridium sp
Blautia fusiformis
Phocaeicola dorei
Roseburia faecis
Ruminococcoides intestinale
Blautia faecis
Akkermansia massiliensis
Sellimonas intestinalis
Bacteroides ovatus
Bacteroides uniformis
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1
2
4
6
8
0.15
0.1
0.05


F8
Roseburia faecis
Candidatus Cibiobacter qucibialis
Faecalibacterium sp CAG:74
Bacteroides eggerthii
Faecalibacterium duncaniae
uncultured Collinsella sp
Hominimerdicola aceti
Dorea longicatena
Prevotella sp
Anthropogastromicrobium aceti
Gallintestinimicrobium propionicum
Agathobaculum butyriciproducens
Pilosibacter fragilis
Coprococcus eutactus
Lachnospiraceae bacterium
Blautia fusiformis
Sellimonas intestinalis
Faecalibacterium taiwanense
Oscillibacter sp CAG:241
Oscillospiraceae bacterium
Ruminococcoides intestinale
Clostridium sp AM49−4BH
Faecalibacterium prausnitzii
Lachnospira pectinoschiza
Mesosutterella multiformis
Hominilimicola fabiformis
Clostridium fessum
Adlercreutzia rubneri
uncultured Oscillospiraceae bacterium
Blautia intestinihominis
Gemmiger formicilis
Neglectibacter timonensis
Waltera intestinalis
Clostridiales bacterium
Romboutsia timonensis
Coprococcus intestinihominis
Fusicatenibacter faecihominis
Maccoyibacter intestinihominis
uncultured Eubacteriales bacterium
Faecalibacillus intestinalis
Firmicutes bacterium CAG:176
Blautia faecicola
uncultured Mollicutes bacterium
Vescimonas coprocola
Roseburia amylophila
Clostridium sp AM22−11AC
Phocaeicola plebeius
Segatella copri
Coprococcus hominis (ex Arizal et al 2022)
Ruminococcus sp CAG:254
Anaerobutyricum hallii
Coprococcus ammoniilyticus
Clostridium saudiense
Faecalibacillus faecis
Bacteroides sp CAG:443
Candidatus Aphodovivens avicola
Mediterranea massiliensis
uncultured Bacteroides sp
Bacteroides sp CAG:545
uncultured Ruminococcus sp
Candidatus Fusicatenibacter intestinipullorum
Eggerthella sp CAG:298
Anaerotruncus sp
Clostridium sp 27 14
Firmicutes bacterium CAG:341
Dialister sp CAG:486
Clostridium sp CAG:245
Eggerthella sp CAG:209
Megasphaera massiliensis
uncultured Dialister sp
Clostridium sp CAG:302
Clostridium sp CAG:567
uncultured Mycoplasmatota bacterium
Clostridium sp
Clostridium sp CAG:343
Clostridium sp CAG:417
Slackia isoflavoniconvertens
uncultured Coriobacteriaceae bacterium
uncultured Clostridia bacterium
uncultured Selenomonadales bacterium
Pseudoruminococcus massiliensis
bacterium
Candidatus Aphodomorpha intestinavium
Holdemanella sp MSK 7 32
Eubacterium sp CAG:180
Lachnospira rogosae (ex Hitch et al 2025)
Butyribacter intestini
Butyrivibrio sp CAG:318
Anaerostipes amylophilus
Eubacterium ventriosum
uncultured Eggerthella sp
Agathobaculum hominis
Coprococcus aceti
Akkermansia massiliensis
Klebsiella pneumoniae
Oliverpabstia intestinalis
Dorea sp CAG:317
Hominisplanchenecus faecis
Brotaphodocola catenula
Firmicutes bacterium OM04−13BH
Lachnospiraceae bacterium GAM79
Evtepia gabavorous
uncultured Porphyromonadaceae bacterium
Alistipes communis
Oscillibacter sp MSJ−31
Bacteroidales bacterium
uncultured Clostridium sp
Candidatus Parasutterella gallistercoris
Ruminococcus sp UNK MGS−30
Eubacterium segne
Hominicoprocola fusiformis
Ruminococcus sp AM36−2AA
Clostridium sp AF37−5
Lachnospira eligens
Dorea formicigenerans
Clostridium sp CAG:138
Hominenteromicrobium mulieris
Blautia faecis
Phocaeicola dorei
Fusicatenibacter saccharivorans
Ruminococcus intestinalis
Bacteroides ovatus
Bacteroides uniformis
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0.35
0.3
0.25
0.2
0.15
0.1
0.05


F9
Ruminococcoides intestinale
Candidatus Aphodomorpha intestinavium
Fusicatenibacter saccharivorans
Clostridium sp CAG:138
Clostridium sp CAG:343
Coprococcus aceti
Blautia fusiformis
uncultured Oscillospiraceae bacterium
Hominimerdicola aceti
Phocaeicola plebeius
Adlercreutzia rubneri
Neglectibacter timonensis
Candidatus Cibiobacter qucibialis
Anthropogastromicrobium aceti
Oscillibacter sp CAG:241
bacterium
Faecalibacillus intestinalis
Gemmiger formicilis
Evtepia gabavorous
Hominilimicola fabiformis
Agathobaculum butyriciproducens
Blautia intestinihominis
Lachnospira eligens
Lachnospira rogosae (ex Hitch et al 2025)
Oscillibacter sp MSJ−31
Dorea formicigenerans
Firmicutes bacterium OM04−13BH
Pseudoruminococcus massiliensis
Vescimonas coprocola
uncultured Clostridia bacterium
Hominenteromicrobium mulieris
Maccoyibacter intestinihominis
Oscillospiraceae bacterium
Faecalibacterium duncaniae
Faecalibacterium prausnitzii
Clostridium sp CAG:302
Clostridiales bacterium
Coprococcus intestinihominis
Faecalibacterium taiwanense
Clostridium sp AM49−4BH
Eggerthella sp CAG:298
Romboutsia timonensis
Clostridium sp AM22−11AC
Eubacterium ventriosum
Segatella copri
uncultured Clostridium sp
Fusicatenibacter faecihominis
Oliverpabstia intestinalis
Anaerobutyricum hallii
Ruminococcus sp AM36−2AA
Eubacterium sp CAG:180
Faecalibacterium sp CAG:74
Clostridium sp CAG:417
Eubacterium segne
Clostridium sp CAG:567
Anaerostipes amylophilus
Clostridium sp 27_14
Lachnospira pectinoschiza
Coprococcus eutactus
Prevotella sp
uncultured Mycoplasmatota bacterium
Bacteroides sp CAG:545
uncultured Coriobacteriaceae bacterium
uncultured Eggerthella sp
Butyribacter intestini
Butyrivibrio sp CAG:318
uncultured Collinsella sp
uncultured Selenomonadales bacterium
Clostridium sp CAG:245
Ruminococcus sp CAG:254
Clostridium sp
Firmicutes bacterium CAG:341
Dialister sp CAG:486
Slackia isoflavoniconvertens
uncultured Dialister sp
Megasphaera massiliensis
Eggerthella sp CAG:209
Mesosutterella multiformis
Blautia faecicola
Faecalibacillus faecis
Lachnospiraceae bacterium GAM79
Coprococcus ammoniilyticus
Dorea longicatena
Klebsiella pneumoniae
Clostridium saudiense
Brotaphodocola catenula
Lachnospiraceae bacterium
Holdemanella sp MSK 7 32
uncultured Ruminococcus sp
Coprococcus hominis (ex Arizal et al 2022)
Mediterranea massiliensis
Firmicutes bacterium CAG:176
Ruminococcus intestinalis
uncultured Eubacteriales bacterium
Hominisplanchenecus faecis
Pilosibacter fragilis
Agathobaculum hominis
Anaerotruncus sp
uncultured Bacteroides sp
Candidatus Fusicatenibacter intestinipullorum
Clostridium fessum
Phocaeicola dorei
Bacteroidales bacterium
uncultured Mollicutes bacterium
Ruminococcus sp UNK MGS−30
uncultured Porphyromonadaceae bacterium
Roseburia amylophila
Alistipes communis
Candidatus Aphodovivens avicola
Clostridium sp AF37−5
Waltera intestinalis
Hominicoprocola fusiformis
Roseburia faecis
Gallintestinimicrobium propionicum
Dorea sp CAG:317
Bacteroides sp CAG:443
Candidatus Parasutterella gallistercoris
Bacteroides eggerthii
Bacteroides ovatus
Sellimonas intestinalis
Akkermansia massiliensis
Bacteroides uniformis
Blautia faecis
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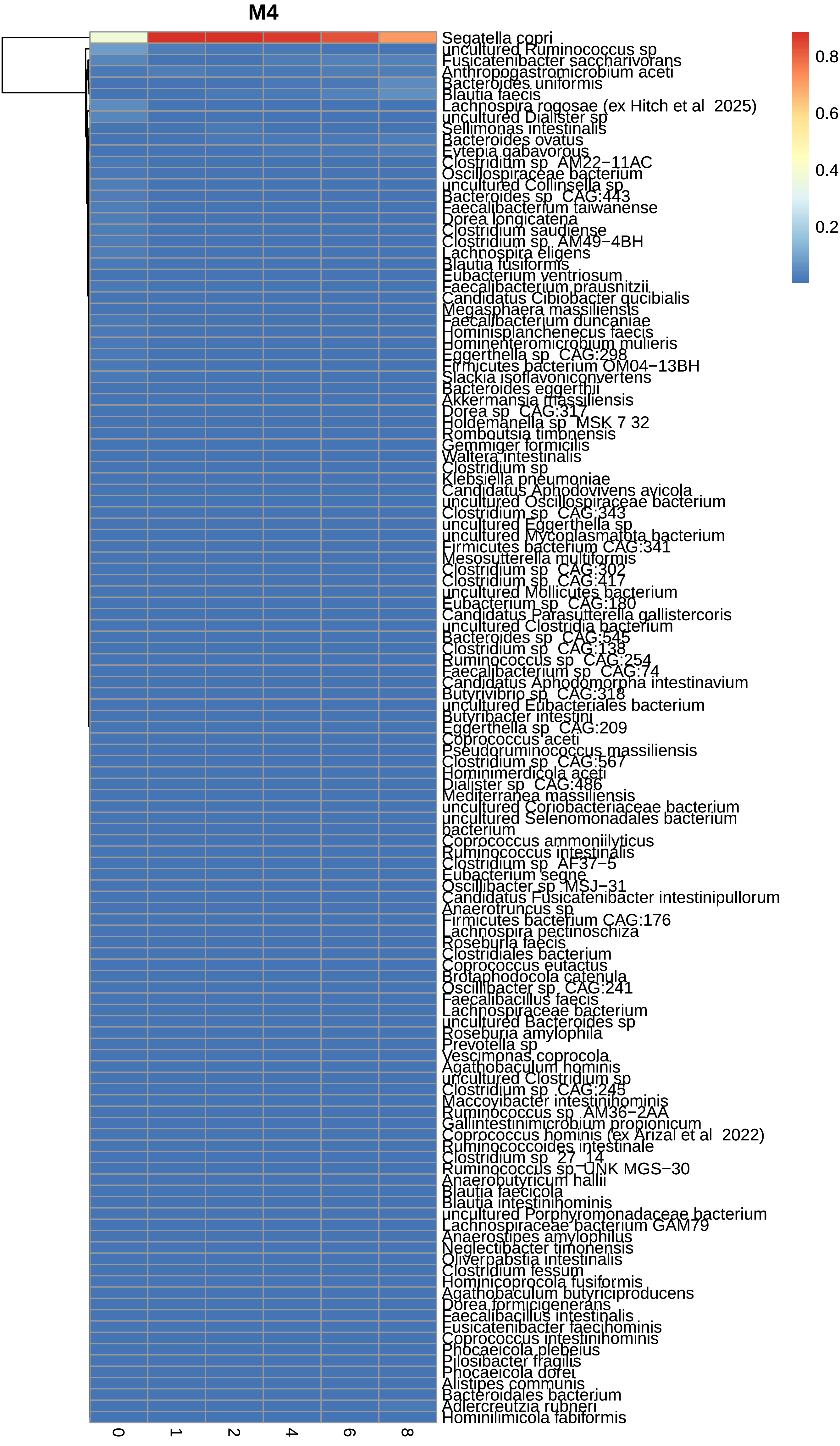
M4
Segatella copri
uncultured Ruminococcus sp
Fusicatenibacter saccharivorans
Anthropogastromicrobium aceti
Bacteroides uniformis
Blautia faecis
Lachnospira rogosae (ex Hitch et al 2025)
uncultured Dialister sp
Sellimonas intestinalis
Bacteroides ovatus
Eytepia gabavorous
Clostridium sp AM22−11AC
Oscillospiraceae bacterium
uncultured Collinsella sp
Bacteroides sp CAG:443
Faecalibacterium taiwanense
Dorea longicatena
Clostridium saudiense
Clostridium sp AM49−4BH
Lachnospira eligens
Blautia fusiformis
Eubacterium ventriosum
Faecalibacterium prausnitzii
Candidatus Cibiobacter qucibialis
Megasphaera massiliensis
Faecalibacterium duncaniae
Hominisplanchenecus faecis
Hominenteromicrobium mulieris
Eggerthella sp CAG:298
Firmicutes bacterium OM04−13BH
Slackia isoflavoniconvertens
Bacteroides eggerthii
Akkermansia massiliensis
Dorea sp CAG:317
Holdemanella sp MSK 7 32
Romboutsia timonensis
Gemmiger formicilis
Waltera intestinalis
Clostridium sp
Klebsiella pneumoniae
Candidatus Aphodovivens avicola
uncultured Oscillospiraceae bacterium
Clostridium sp CAG:343
uncultured Eggerthella sp
uncultured Mycoplasmatota bacterium
Firmicutes bacterium CAG:341
Mesosutterella multiformis
Clostridium sp CAG:302
Clostridium sp CAG:417
uncultured Mollicutes bacterium
Eubacterium sp CAG:180
Candidatus Parasutterella gallistercoris
uncultured Clostridia bacterium
Bacteroides sp CAG:545
Clostridium sp CAG:138
Ruminococcus sp CAG:254
Faecalibacterium sp CAG:74
Candidatus Aphodomorpha intestinavium
Butyrivibrio sp CAG:318
uncultured Eubacteriales bacterium
Butyribacter intestini
Eggerthella sp CAG:209
Coprococcus aceti
Pseudoruminococcus massiliensis
Clostridium sp CAG:567
Hominimerdicola aceti
Dialister sp CAG:486
Mediterranea massiliensis
uncultured Coriobacteriaceae bacterium
uncultured Selenomonadales bacterium
bacterium
Coprococcus ammoniilyticus
Ruminococcus intestinalis
Clostridium sp AF37−5
Eubacterium segne
Oscillibacter sp MSJ−31
Candidatus Fusicatenibacter intestinipullorum
Anaerotruncus sp
Firmicutes bacterium CAG:176
Lachnospira pectinoschiza
Roseburia faecis
Clostridiales bacterium
Coprococcus eutactus
Brotaphodocola catenula
Oscillibacter sp CAG:241
Faecalibacillus faecis
Lachnospiraceae bacterium
uncultured Bacteroides sp
Roseburia amylophila
Prevotella sp
Vescimonas coprocola
Agathobaculum hominis
uncultured Clostridium sp
Clostridium sp CAG:245
Maccoyibacter intestinihominis
Ruminococcus sp AM36−2AA
Gallintestinimicrobium propionicum
Coprococcus hominis (ex Arizal et al 2022)
Ruminococcoides intestinale
Clostridium sp 27 14
Ruminococcus sp UNK MGS−30
Anaerobutyricum hallii
Blautia faecicola
Blautia intestinihominis
uncultured Porphyromonadaceae bacterium
Lachnospiraceae bacterium GAM79
Anaerostipes amylophilus
Neglectibacter timonensis
Oliverpabstia intestinalis
Clostridium fessum
Hominicoprocola fusiformis
Agathobaculum butyriciproducens
Dorea formicigenerans
Faecalibacillus intestinalis
Fusicatenibacter faecihominis
Coprococcus intestinihominis
Phocaeicola plebeius
Pilosibacter fragilis
Phocaeicola dorei
Alistipes communis
Bacteroidales bacterium
Adlercreutzia rubneri
Hominilimicola fabiformis
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M5
Bacteroides ovatus
Sellimonas intestinalis
Bacteroides uniformis
Faecalibacterium duncaniae
Ruminococcoides intestinale
Blautia fusiformis
Candidatus Cibiobacter qucibialis
Blautia intestinihominis
Gemmiger formicilis
Bacteroidales bacterium
uncultured Clostridium sp
Hominilimicola fabiformis
Oliverpabstia intestinalis
Butyribacter intestini
Waltera intestinalis
Lachnospira pectinoschiza
Oscillibacter sp CAG:241
Oscillospiraceae bacterium
Clostridium fessum
Clostridium sp AM22−11AC
Coprococcus intestinihominis
Slackia isoflavoniconvertens
Segatella copri
uncultured Porphyromonadaceae bacterium
Adlercreutzia rubneri
Candidatus Aphodovivens avicola
Anaerobutyricum hallii
Neglectibacter timonensis
uncultured Oscillospiraceae bacterium
Blautia faecicola
Faecalibacillus intestinalis
Gallintestinimicrobium propionicum
Lachnospiraceae bacterium
uncultured Eubacteriales bacterium
Ruminococcus intestinalis
Eubacterium sp CAG:180
Clostridium saudiense
Ruminococcus sp UNK MGS−30
Coprococcus ammoniilyticus
Lachnospiraceae bacterium GAM79
Roseburia amylophila
bacterium
Lachnospira rogosae (ex Hitch et al 2025)
Pseudoruminococcus massiliensis
uncultured Ruminococcus sp
Dialister sp CAG:486
uncultured Clostridia bacterium
uncultured Selenomonadales bacterium
Candidatus Fusicatenibacter intestinipullorum
Faecalibacterium sp CAG:74
Clostridium sp CAG:245
Firmicutes bacterium CAG:341
Clostridium sp CAG:417
Ruminococcus sp CAG:254
Clostridium sp CAG:138
Clostridium sp CAG:302
Megasphaera massiliensis
Clostridium sp
Eggerthella sp CAG:298
Mesosutterella multiformis
Eggerthella sp CAG:209
uncultured Mollicutes bacterium
uncultured Dialister sp
uncultured Mycoplasmatota bacterium
Clostridium sp CAG:343
Clostridium sp AM49−4BH
Roseburia faecis
uncultured Coriobacteriaceae bacterium
Mediterranea massiliensis
Bacteroides sp CAG:443
Firmicutes bacterium OM04−13BH
Butyrivibrio sp CAG:318
Candidatus Aphodomorpha intestinavium
Clostridiales bacterium
Coprococcus aceti
Eubacterium segne
Prevotella sp
uncultured Eggerthella sp
Clostridium sp CAG:567
Anaerotruncus sp
Brotaphodocola catenula
Coprococcus eutactus
Holdemanella sp MSK 7 32
Oscillibacter sp MSJ−31
uncultured Collinsella sp
Coprococcus hominis (ex Arizal et al 2022)
Firmicutes bacterium CAG:176
uncultured Bacteroides sp
Maccoyibacter intestinihominis
Vescimonas coprocola
Anaerostipes amylophilus
Clostridium sp AF37−5
Dorea sp CAG:317
Candidatus Parasutterella gallistercoris
Evtepia gabavorous
Romboutsia timonensis
Ruminococcus sp AM36−2AA
Agathobaculum butyriciproducens
Klebsiella pneumoniae
Hominicoprocola fusiformis
Bacteroides sp CAG:545
Lachnospira eligens
Dorea formicigenerans
Agathobaculum hominis
Hominenteromicrobium mulieris
Blautia faecis
Eubacterium ventriosum
Fusicatenibacter faecihominis
Pilosibacter fragilis
Faecalibacterium taiwanense
Alistipes communis
Bacteroides eggerthii
Dorea longicatena
Anthropogastromicrobium aceti
Faecalibacterium prausnitzii
Faecalibacillus faecis
Clostridium sp 27 14
Hominisplanchenecus faecis
Fusicatenibacter saccharivorans
Hominimerdicola aceti
Phocaeicola dorei
Akkermansia massiliensis
Phocaeicola plebeius
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