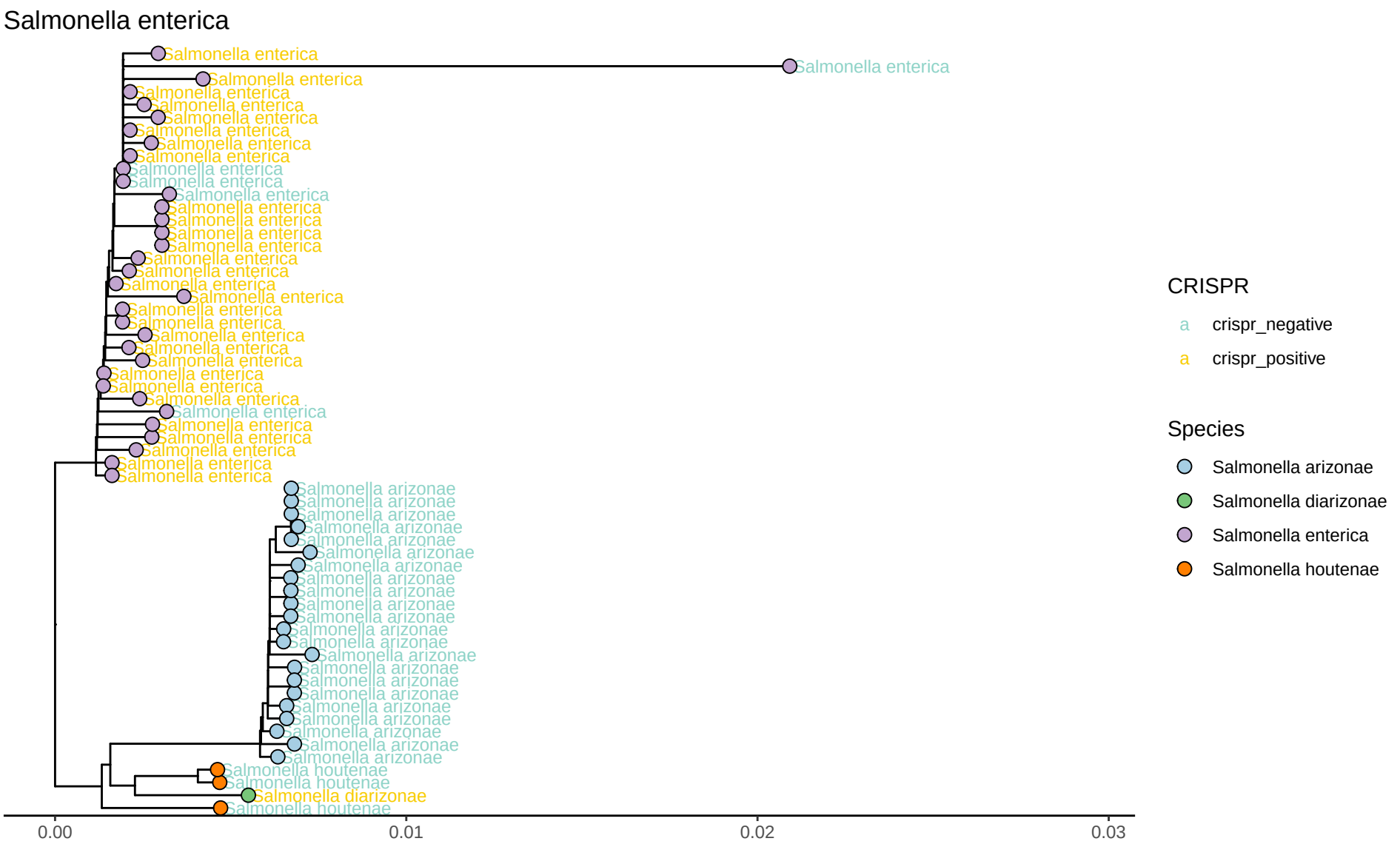
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
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Salmonella enterica
Salmonella enterica
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Salmonella enterica
Salmonella enterica
Salmonella enterica
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Salmonella enterica
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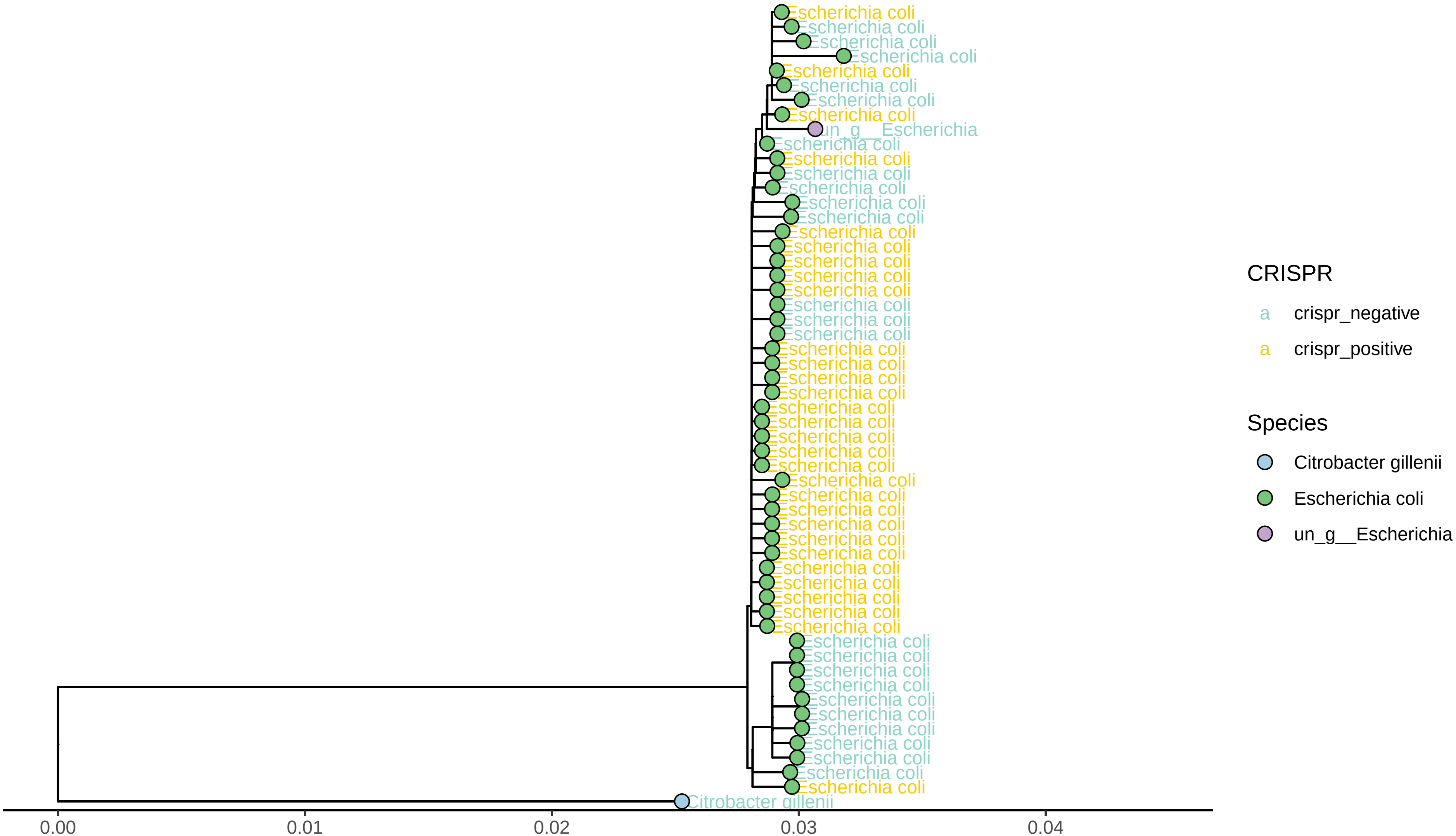
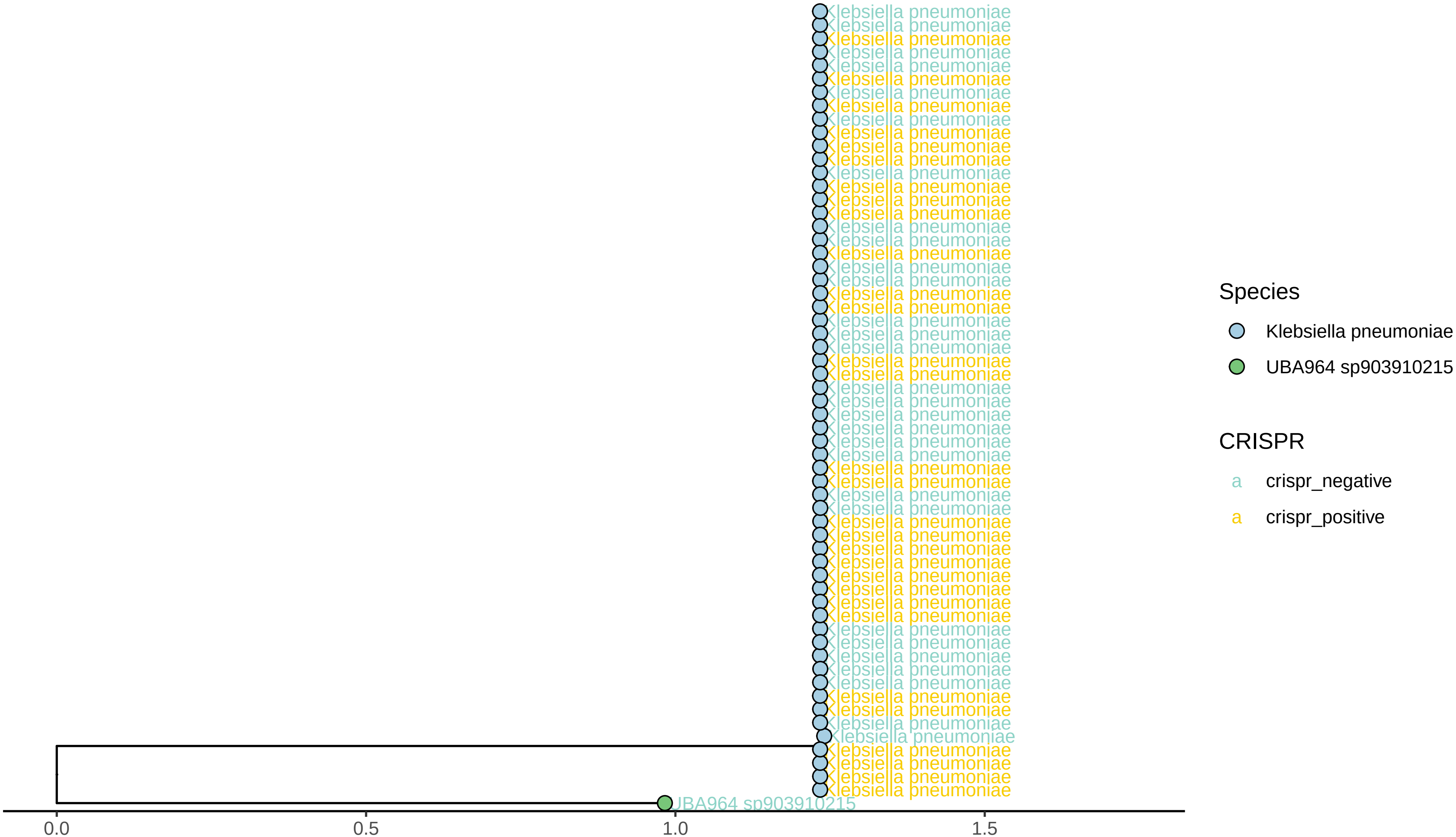
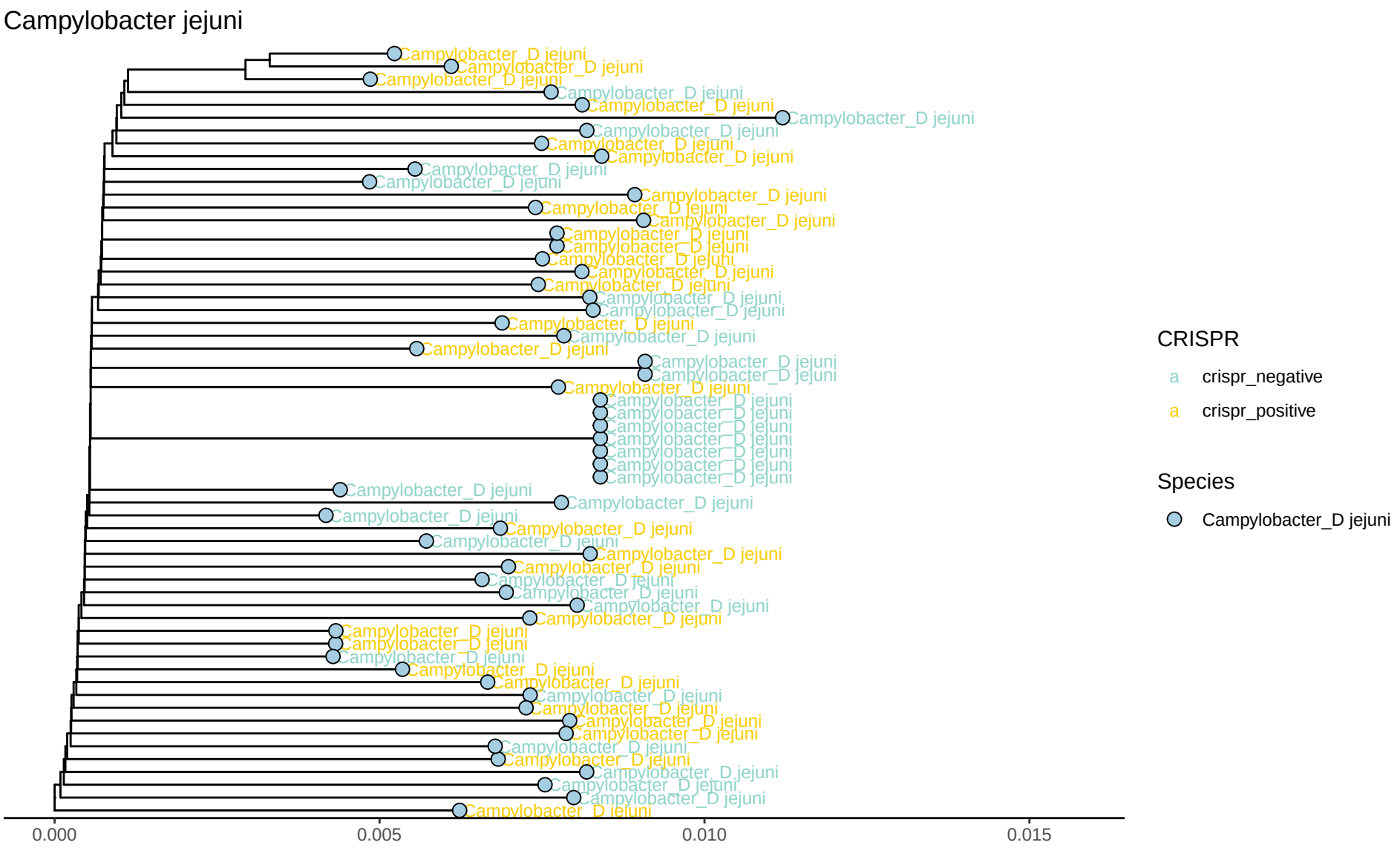
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella enterica
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella arizonae
Salmonella houtenae
Salmonella houtenae
Salmonella diarizonae
Salmonella houtenae
0.00
0.01
0.02
0.03
CRISPR
a crispr_negative
a crispr_positive
Species
Salmonella arizonae
Salmonella diarizonae
Salmonella enterica
Salmonella houtenae

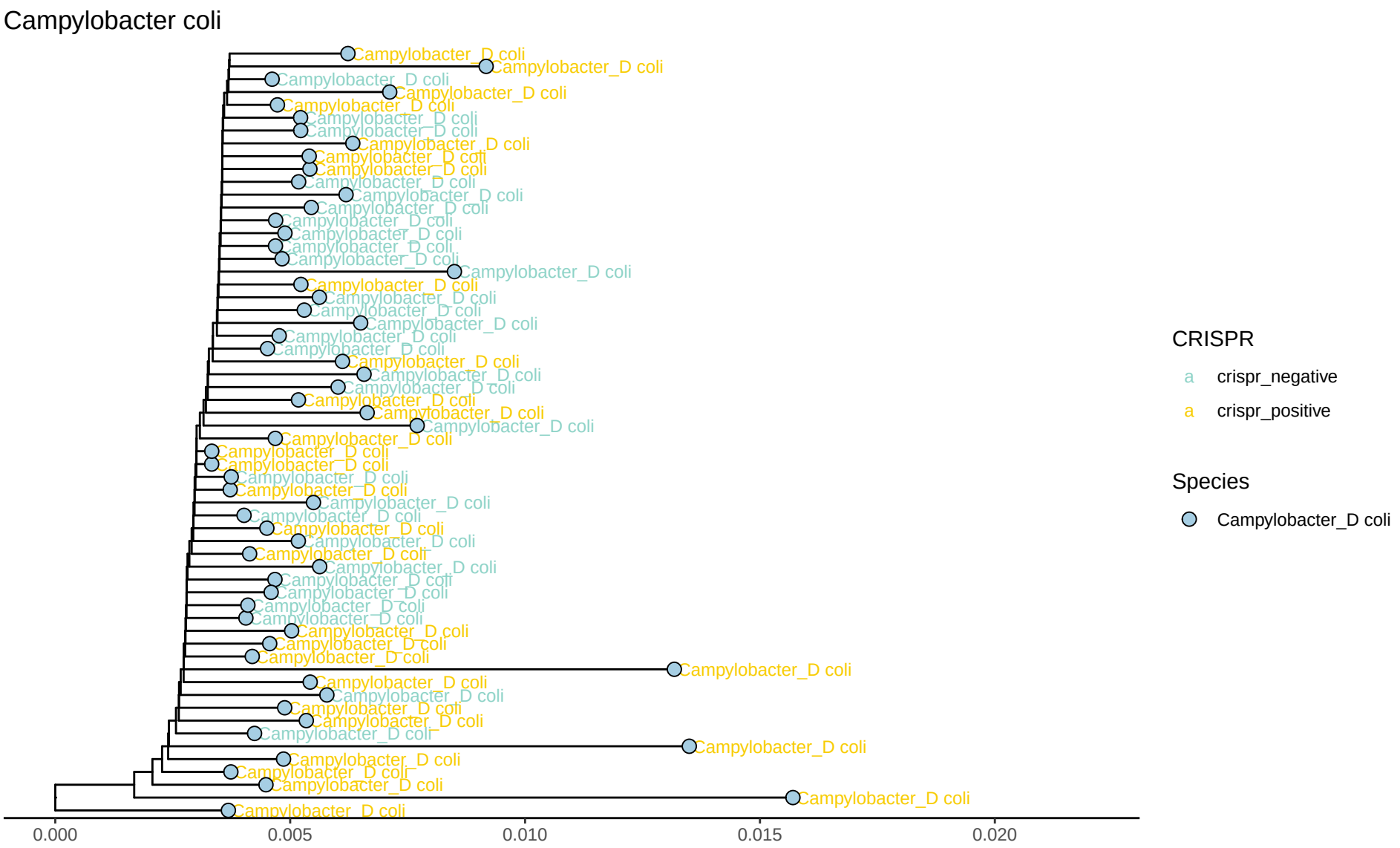
Escherichia coli

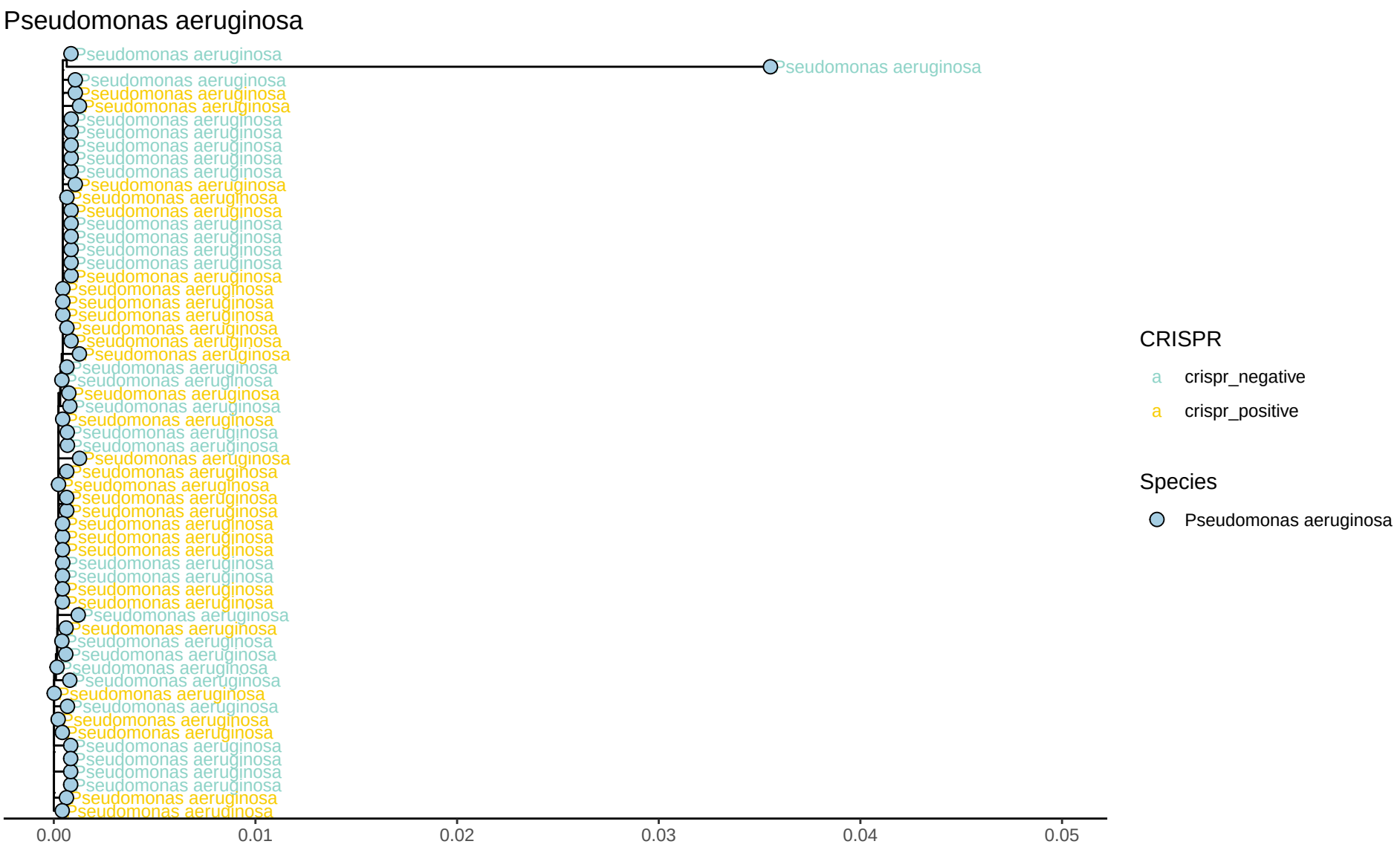


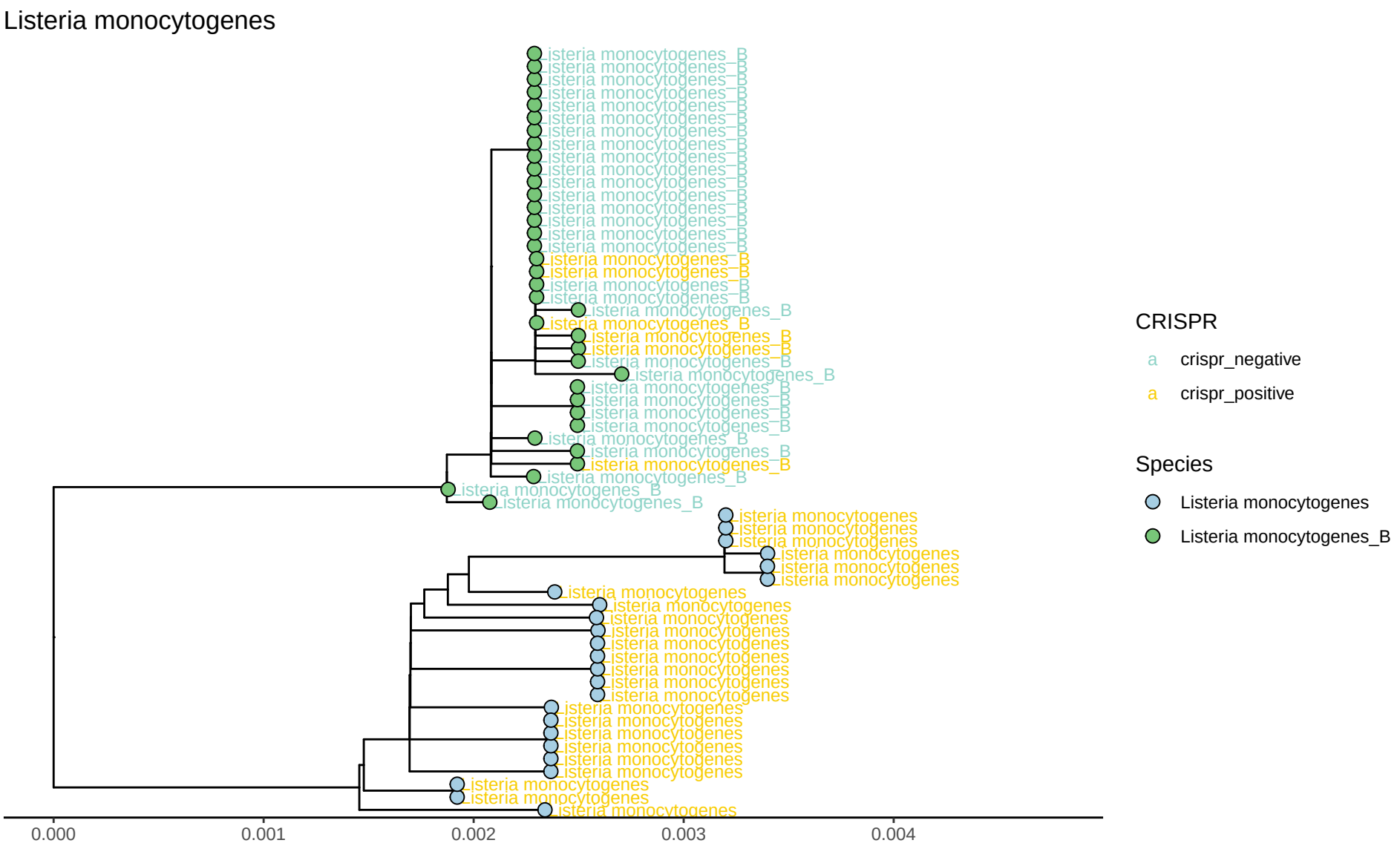
Klebsiella pneumoniae

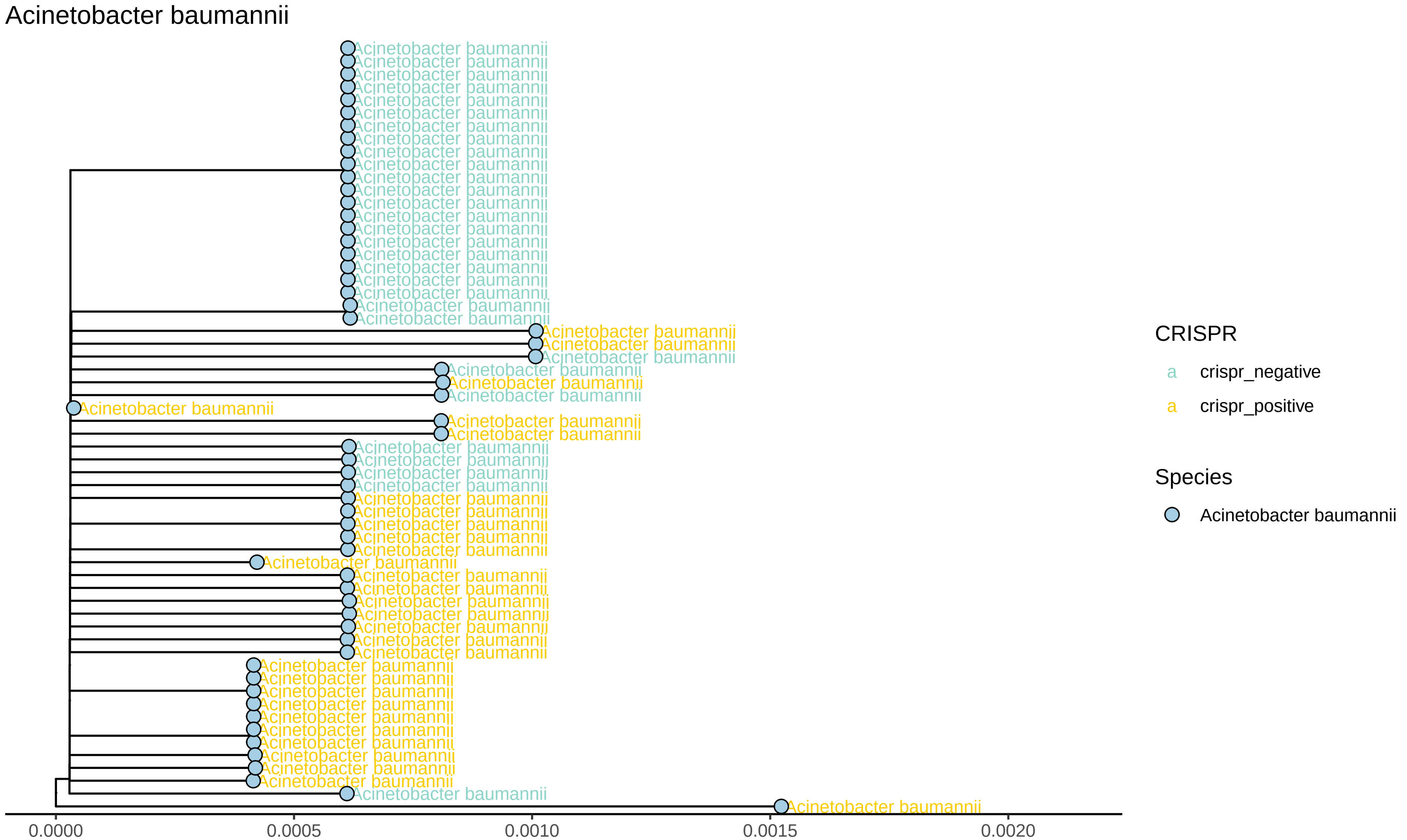


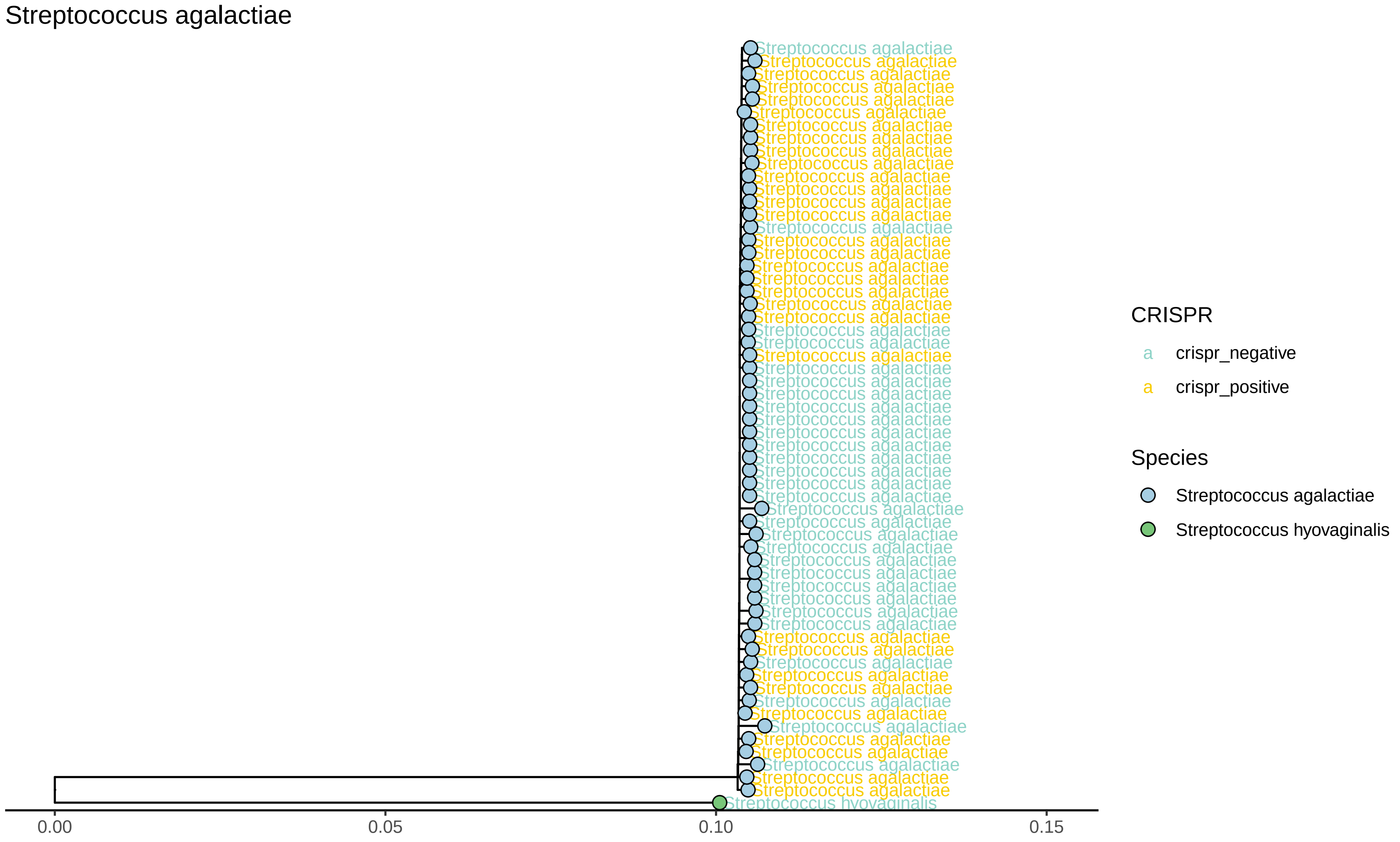

Campylobacter jejuni
Campylobacter_D jejuni
0.000
0.005
0.010
0.015
CRISPR
a crispr_negative
a crispr_positive
Species
Campylobacter_D jejuni

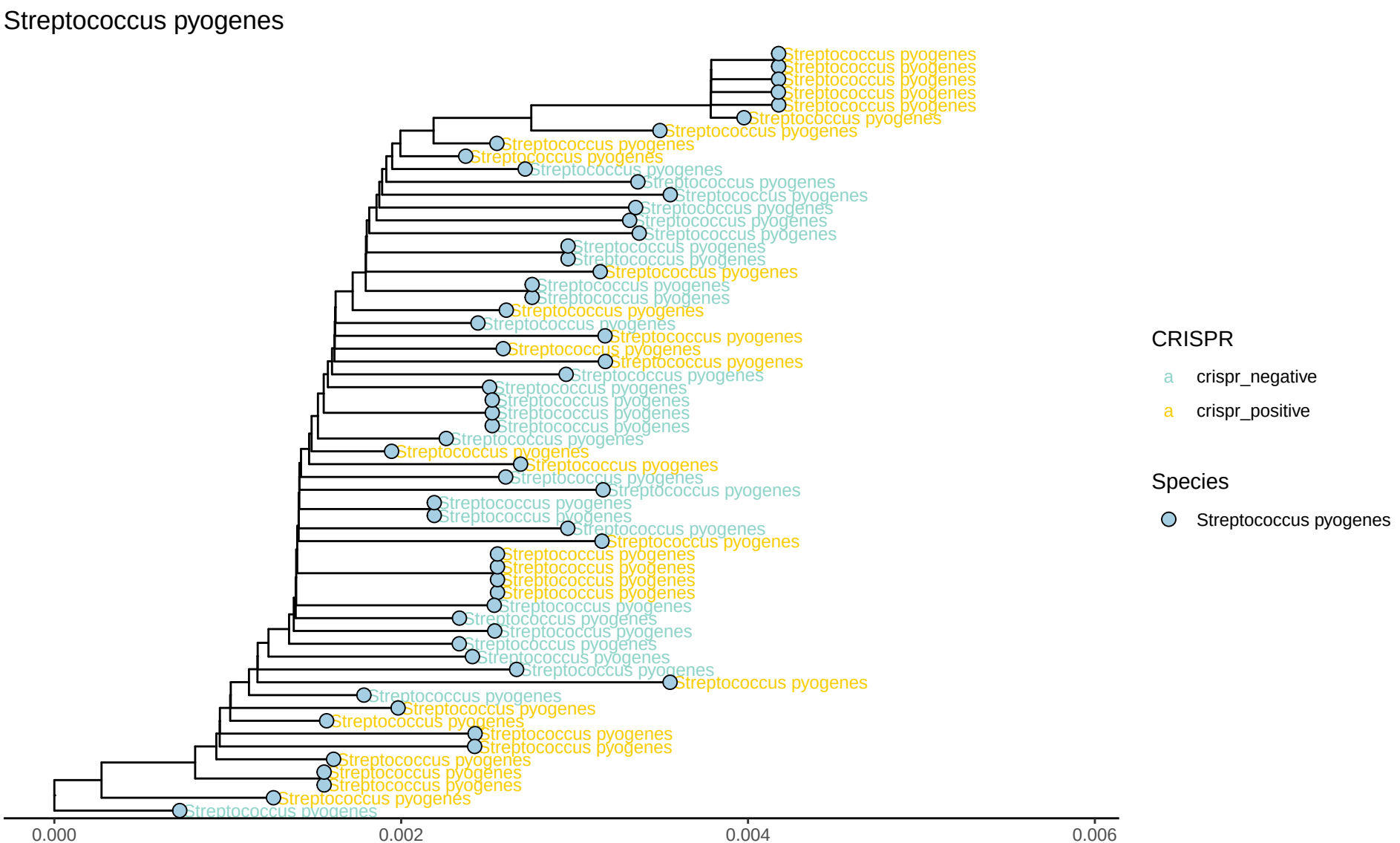

Campylobacter coli
Campylobacter_D coli
CRISPR
a crispr_negative
a crispr_positive
Species
Campylobacter_D coli
0.000
0.005
0.010
0.015
0.020

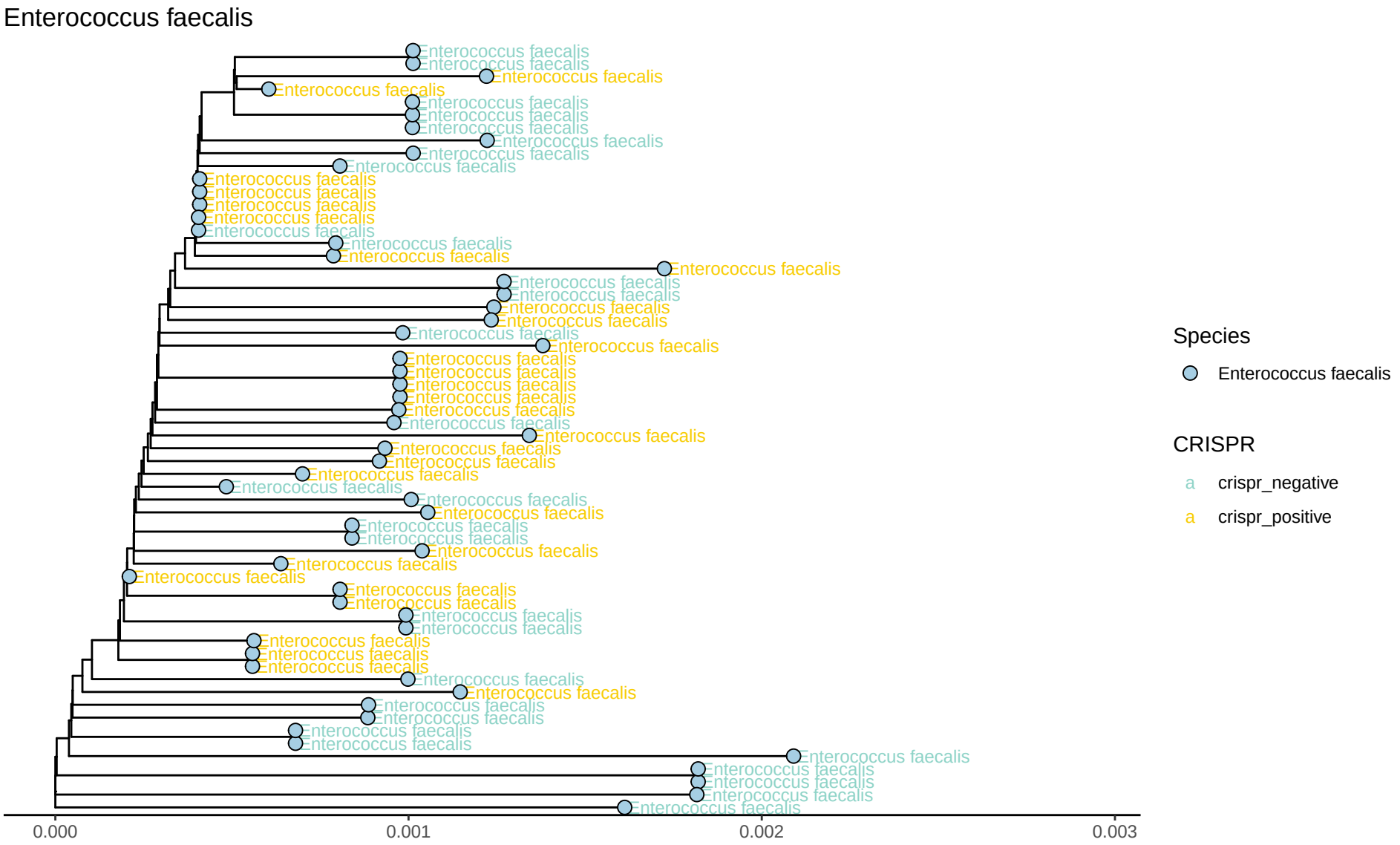

Pseudomonas aeruginosa
Pseudomonas aeruginosa
Pseudomonas aeruginosa
0.00
0.01
0.02
0.03
0.04
0.05
CRISPR
a crispr_negative
a crispr_positive
Species
Pseudomonas aeruginosa


Listeria monocytogenes
Listeria monocytogenes_B
Listeria monocytogenes
0.000
0.001
0.002
0.003
0.004
CRISPR
a crispr_negative
a crispr_positive
Species
Listeria monocytogenes
Listeria monocytogenes_B

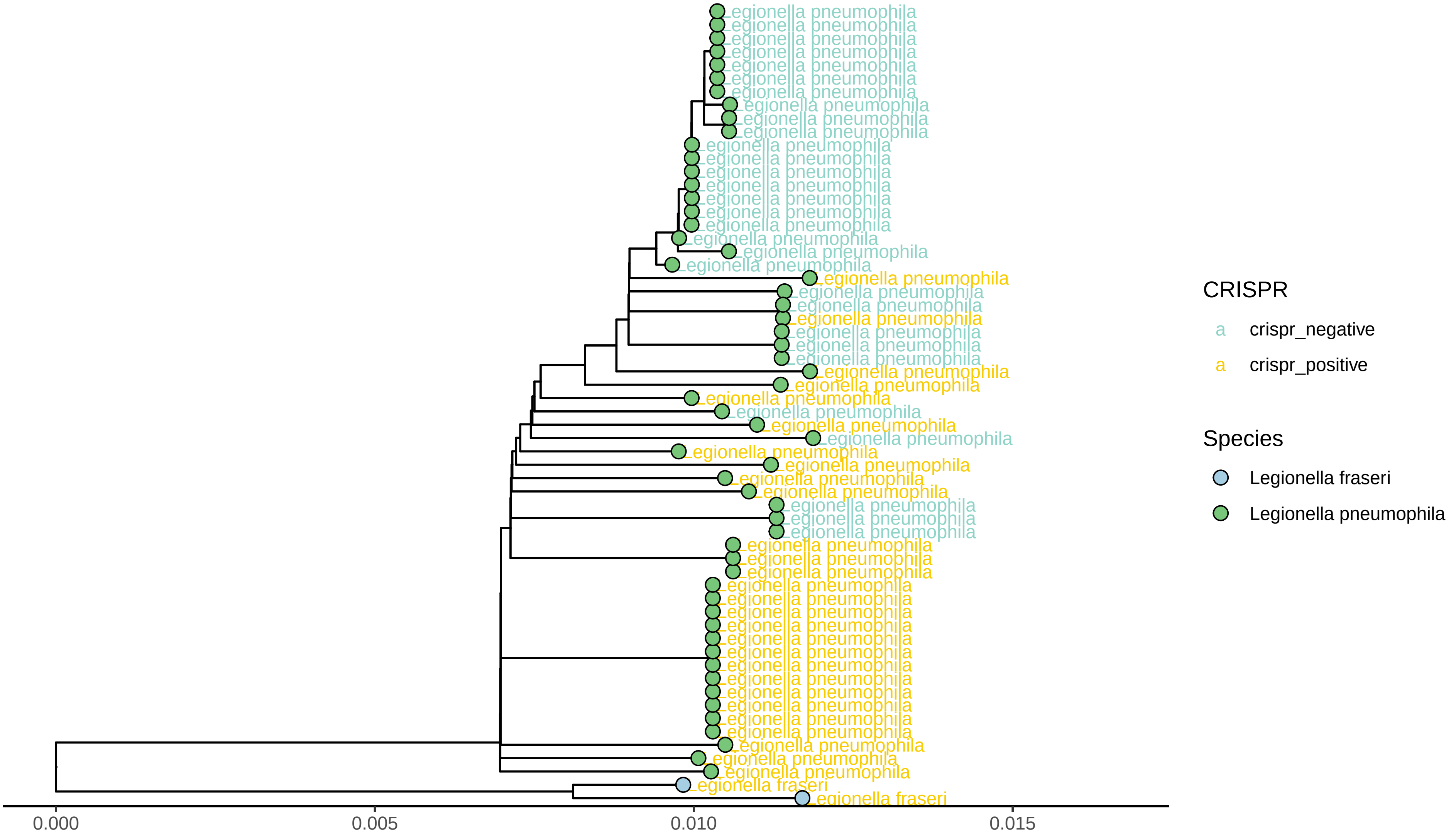

Acinetobacter baumannii
CRISPR
crispr_negative
crispr_positive
Species
Acinetobacter baumannii
0.0000
0.0005
0.0010
0.0015
0.0020


Streptococcus agalactiae
Streptococcus agalactiae
Streptococcus hyovaginalis
0.00
0.05
0.10
0.15
CRISPR
a crispr_negative
a crispr_positive
Species
Streptococcus agalactiae
Streptococcus hyovaginalis

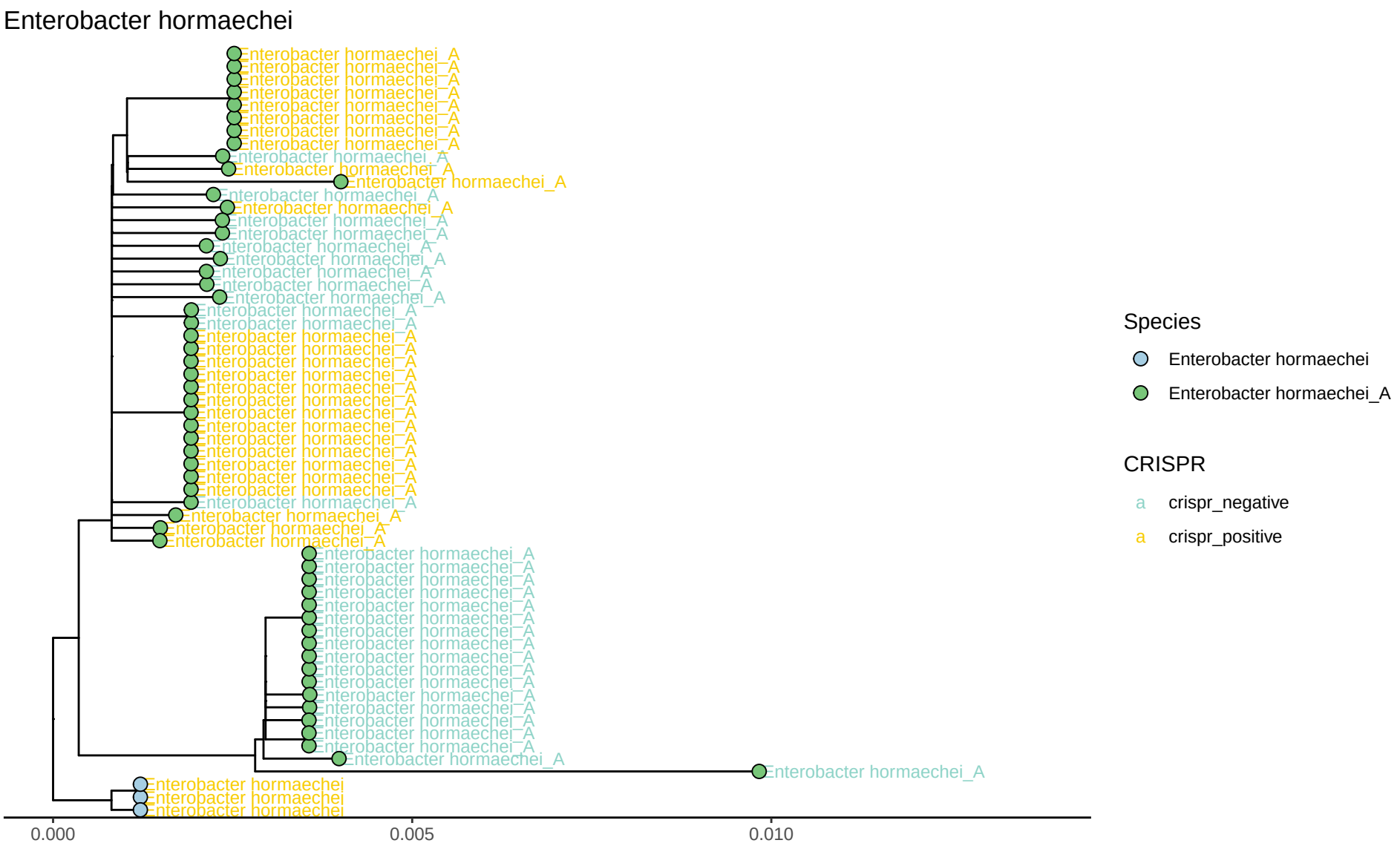

Streptococcus pyogenes
CRISPR
a crispr_negative
a crispr_positive
Species
Streptococcus pyogenes
0.000
0.002
0.004
0.006

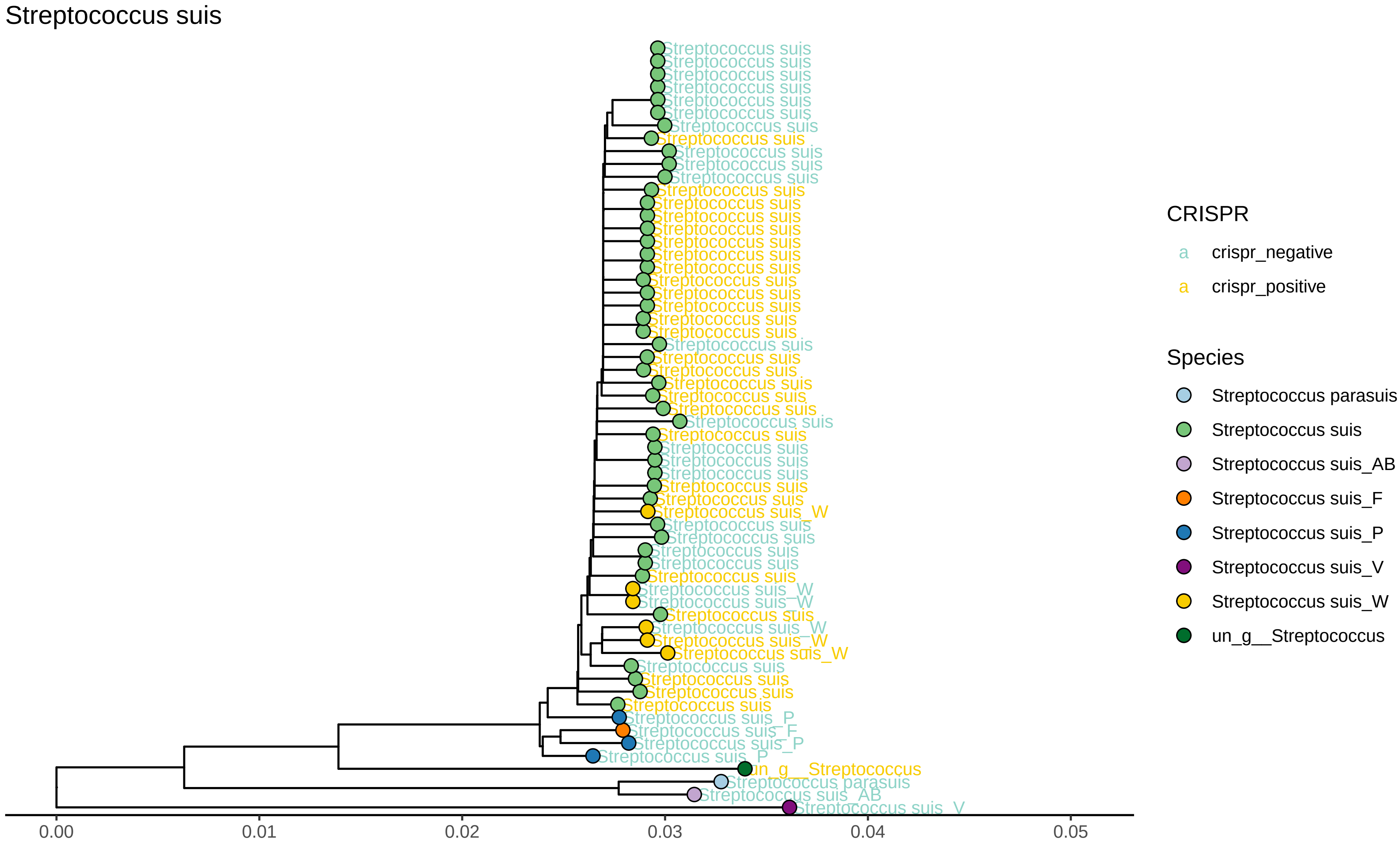

Enterococcus faecalis
Species
Enterococcus faecalis
CRISPR
a crispr_negative
a crispr_positive
0.000
0.001
0.002
0.003

Legionella pneumophila




Xanthomonas oryzae
Xanthomonas oryzae
Species
Xanthomonas oryzae
CRISPR
a crispr_negative
a crispr_positive
0.000
0.002
0.004
0.006
0.008


Enterobacter hormaechei
Enterobacter hormaechei_A
Species
Enterobacter hormaechei
Enterobacter hormaechei_A
CRISPR
a crispr_negative
a crispr_positive
0.000
0.005
0.010


Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
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Streptococcus suis
Streptococcus suis
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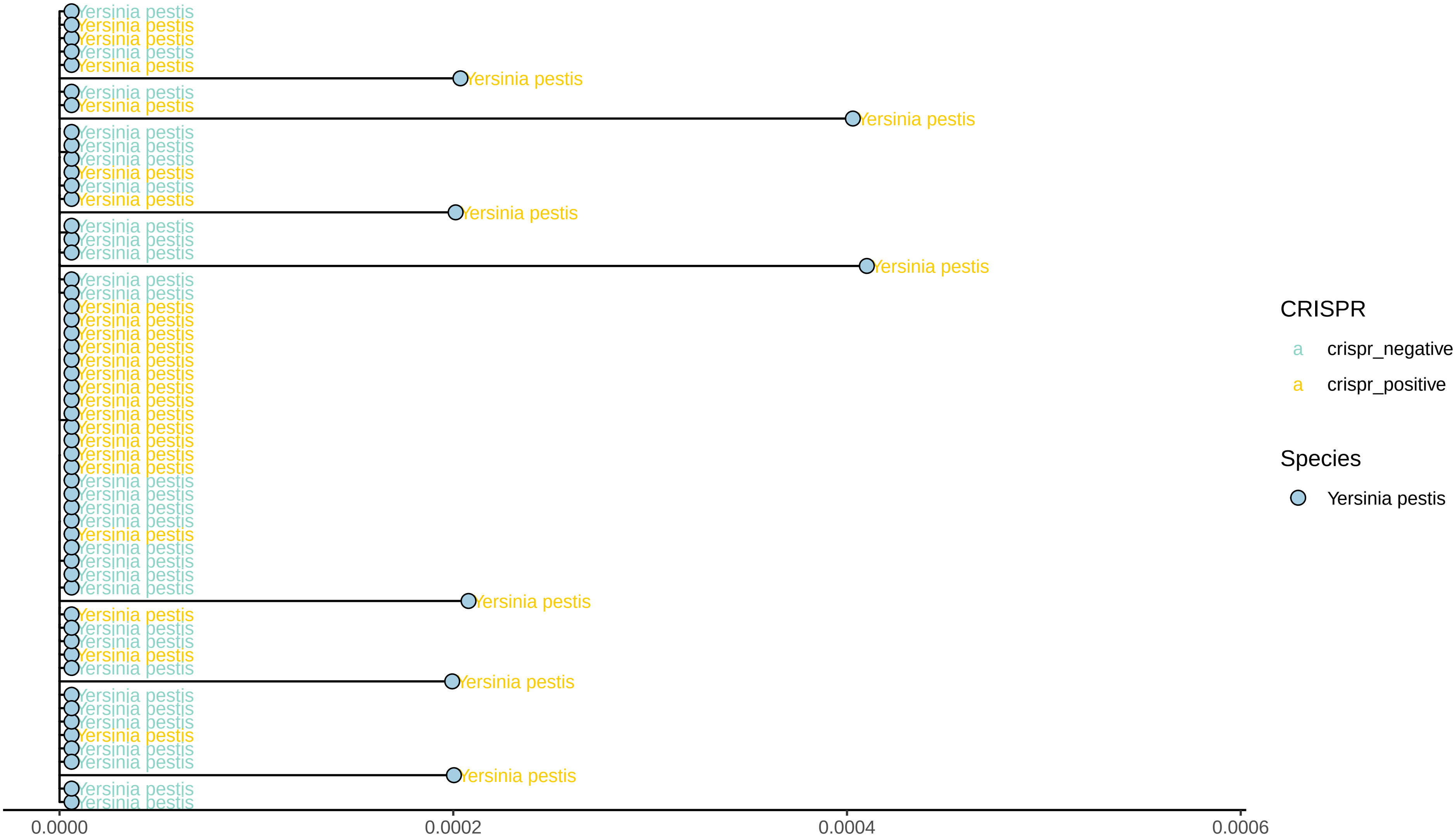
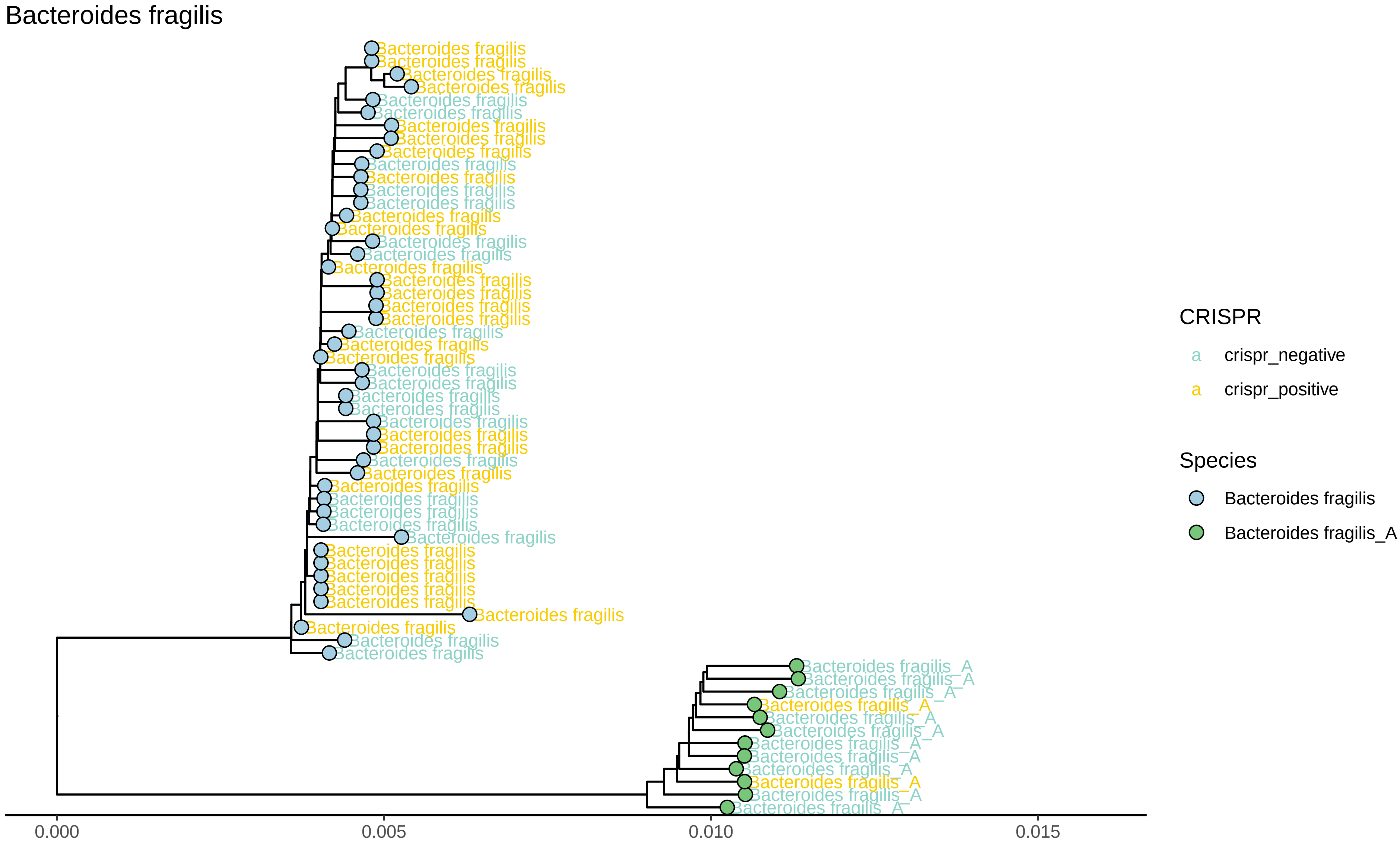
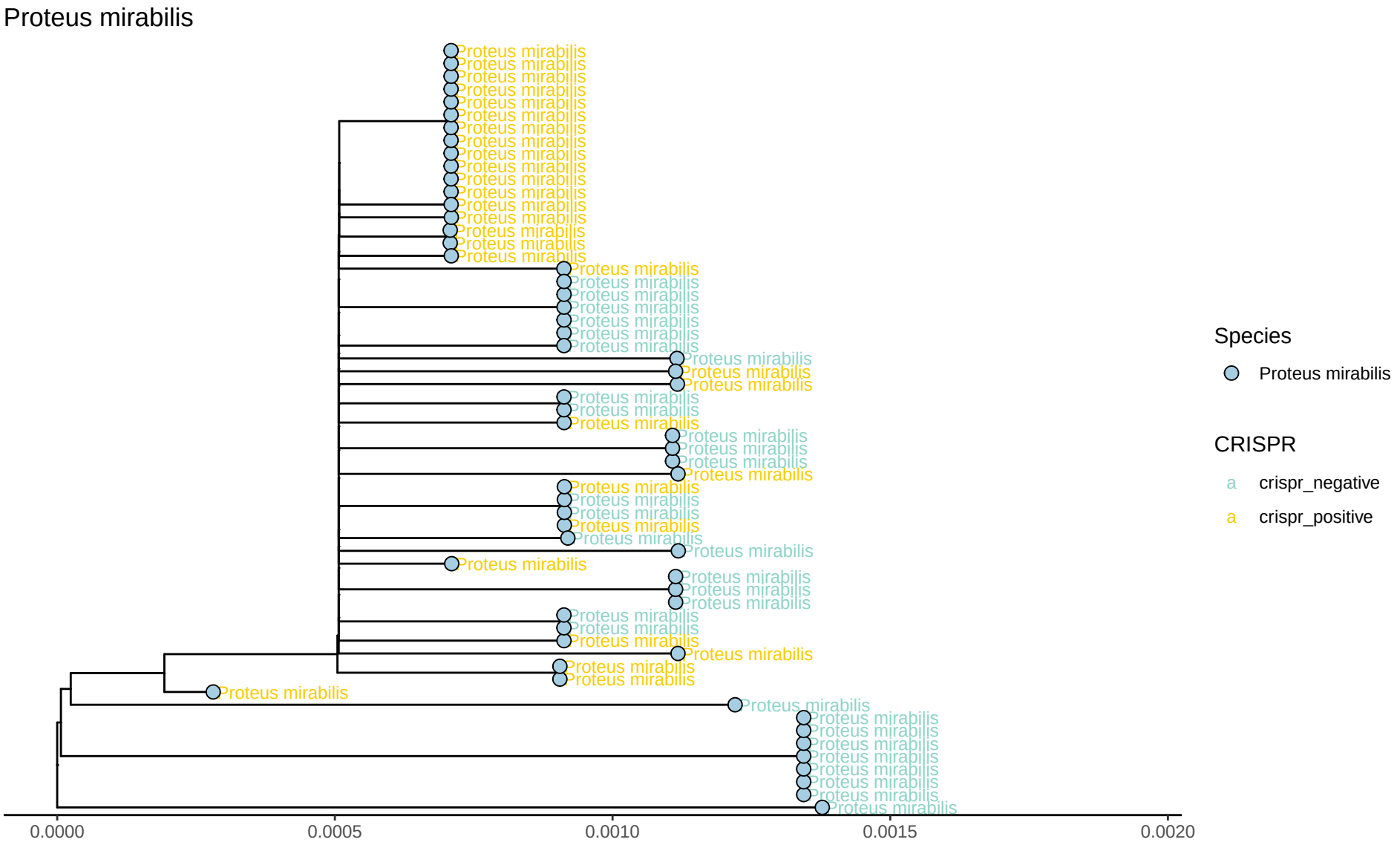
Streptococcus suis
Streptococcus suis_W
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis_W
Streptococcus suis_W
Streptococcus suis
Streptococcus suis_W
Streptococcus suis_W
Streptococcus suis_W
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis
Streptococcus suis_P
Streptococcus suis_F
Streptococcus suis_P
Streptococcus suis_P
un_g__Streptococcus
Streptococcus parasuis
Streptococcus suis_AB
Streptococcus suis_V
0.00
0.01
0.02
0.03
0.04
0.05
CRISPR
crispr_negative
crispr_positive
Species
Streptococcus parasuis
Streptococcus suis
Streptococcus suis_AB
Streptococcus suis_F
Streptococcus suis_P
Streptococcus suis_V
Streptococcus suis_W
un_g__Streptococcus

Yersinia pestis

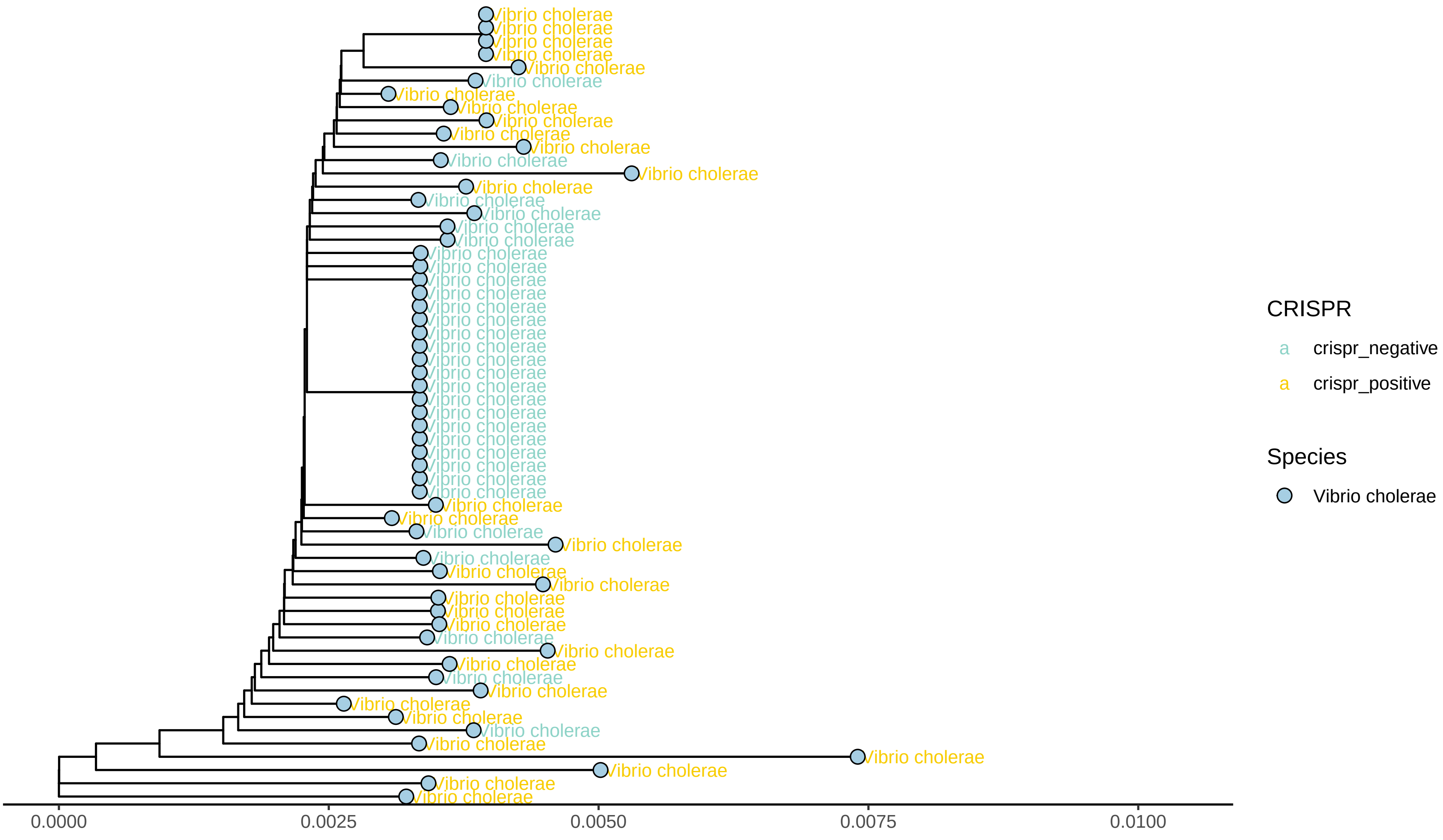




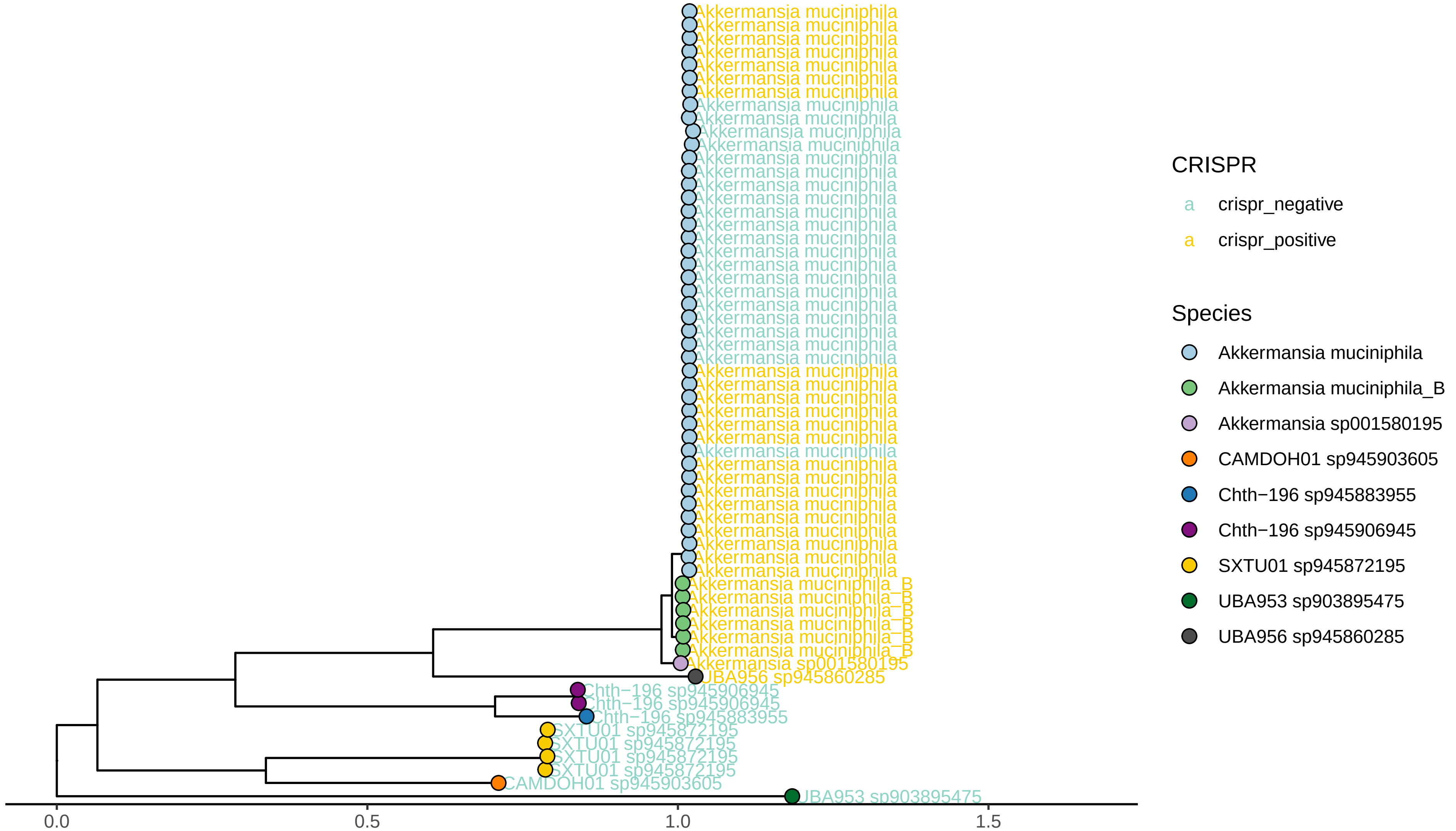
Bacteroides fragilis
CRISPR
crispr_negative
crispr_positive
Species
Bacteroides fragilis
Bacteroides fragilis_A
0.000
0.005
0.010
0.015


Proteus mirabilis
Species
Proteus mirabilis
CRISPR
a crispr_negative
a crispr_positive
0.0000
0.0005
0.0010
0.0015
0.0020

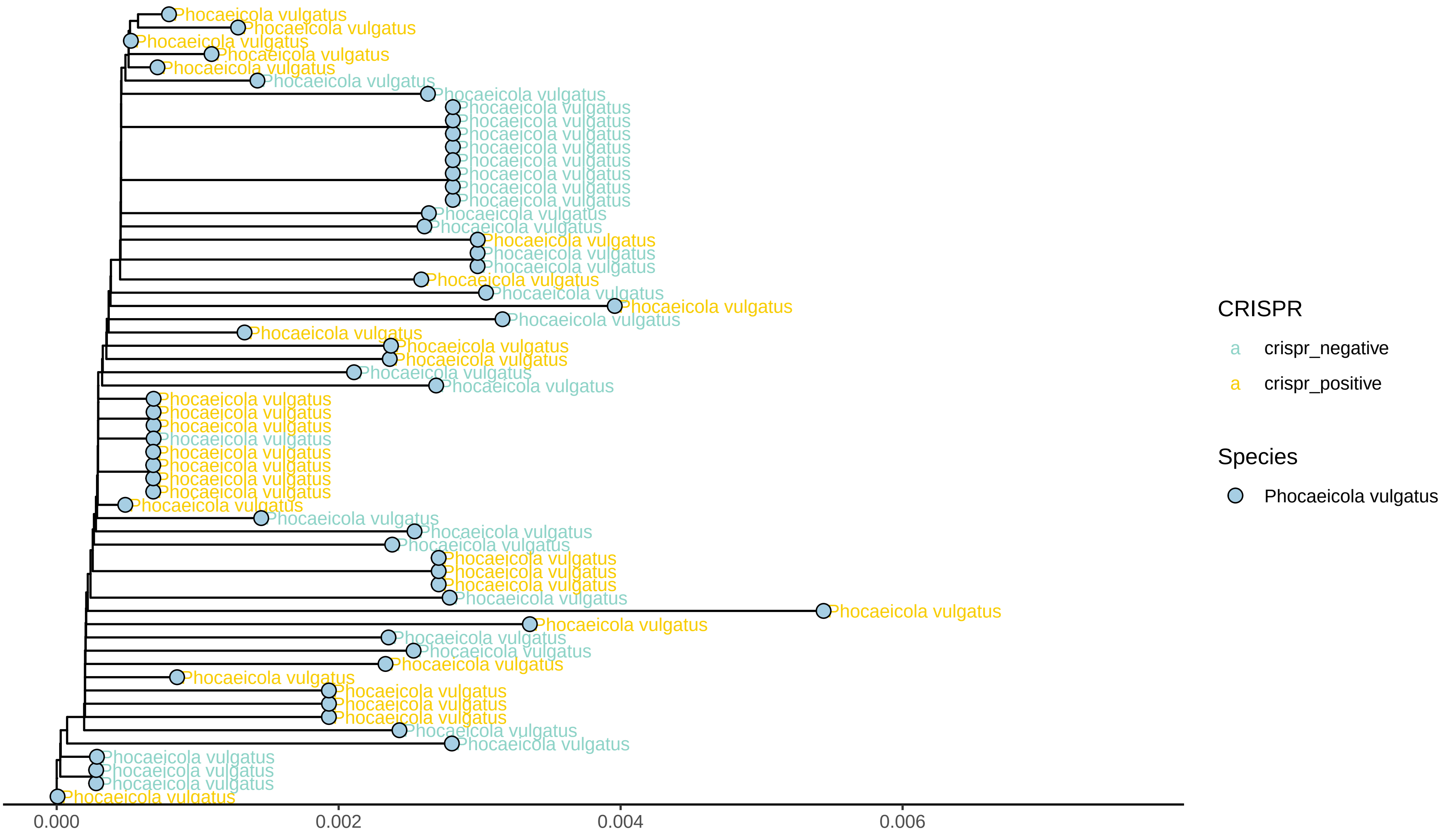
Vibrio cholerae

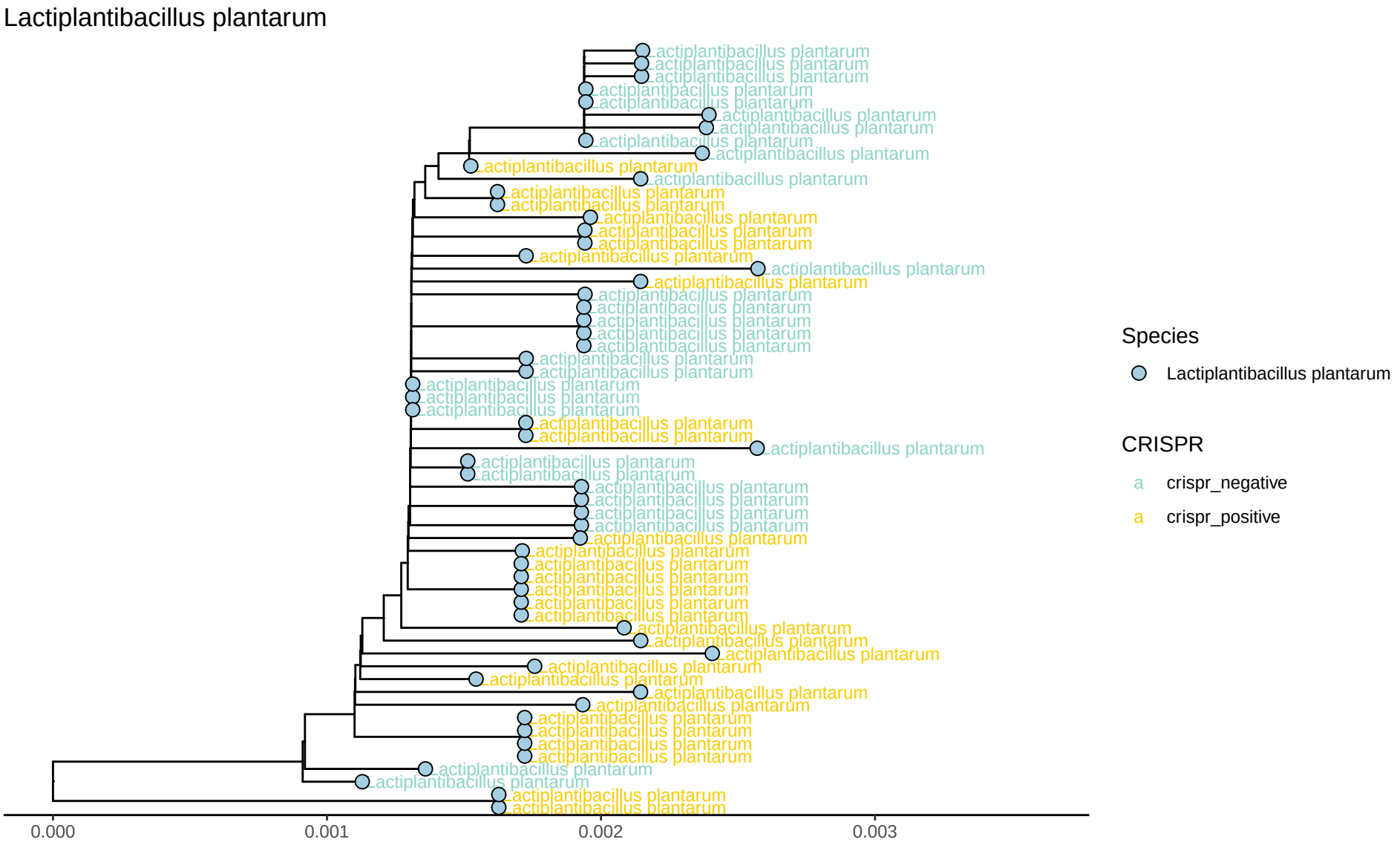


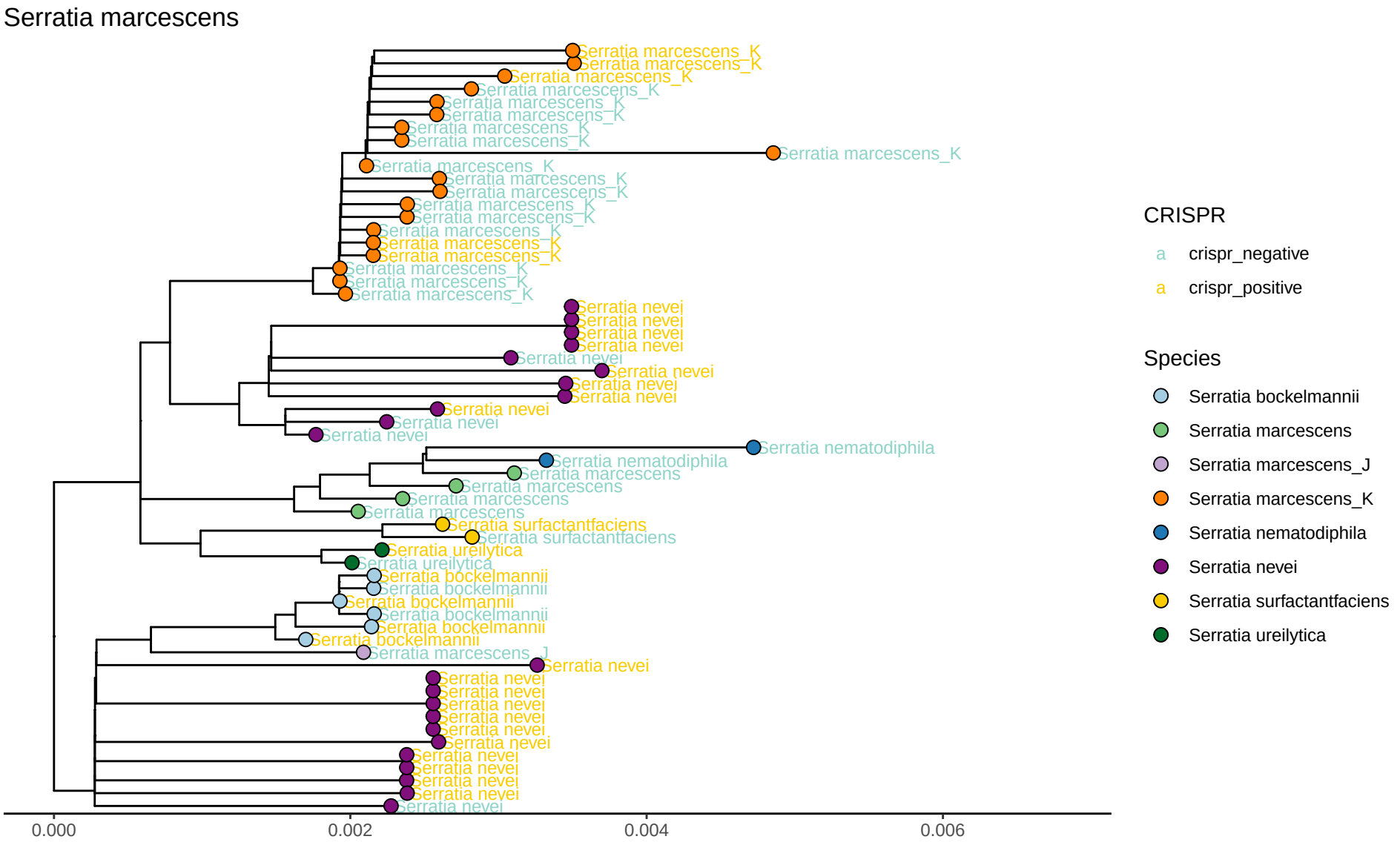
Akkermansia muciniphila



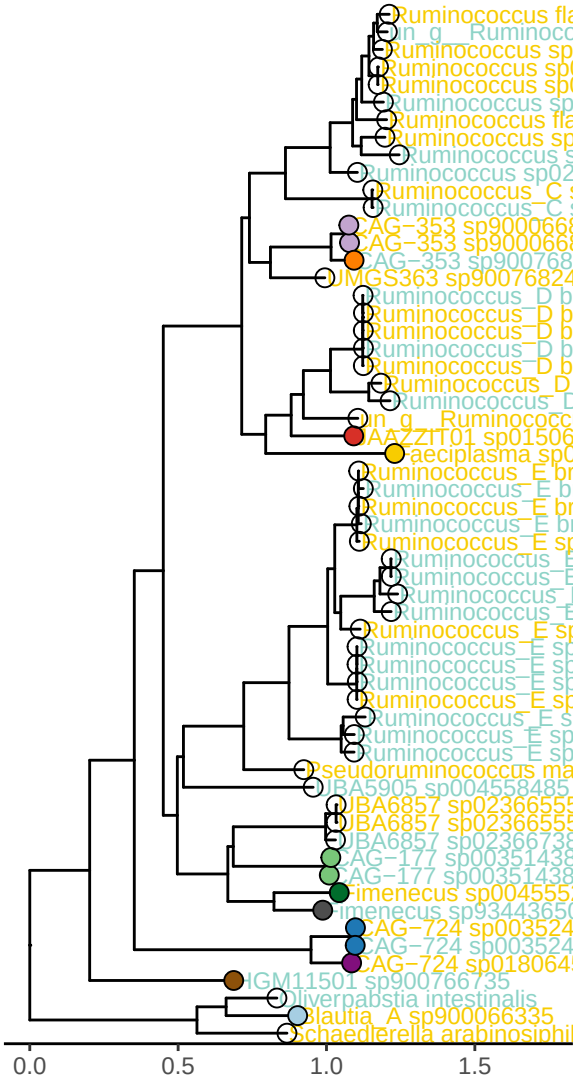
Phocaeicola vulgatus




Lactiplantibacillus plantarum
actiplantibacillus plantarum
0.000
0.001
0.002
0.003
Species
Lactiplantibacillus plantarum
CRISPR
a crispr_negative
a crispr_positive


Serratia marcescens
Serratia marcescens_K
Serratia nevei
Serratia nematodiphila
Serratia marcescens
Serratia surfactantfaciens
Serratia ureilytica
Serratia bockelmannii
Serratia marcescens_J
0.000
0.002
0.004
0.006
CRISPR
a crispr_negative
a crispr_positive
Species
Serratia bockelmannii
Serratia marcescens
Serratia marcescens_J
Serratia marcescens_K
Serratia nematodiphila
Serratia nevei
Serratia surfactantfaciens
Serratia ureilytica

Ruminococcus sp.



CRISPR

a crisprnegative

a crisprpositive

Species

Blautia_A sp900066335
CAG−177 sp003514385
CAG−353 sp900066885
CAG−353 sp900768995
CAG−724 sp003524145
CAG−724 sp018064545
Faeciplasma sp020860605
Fimenecus sp004555265
Fimenecus sp934436505
HGM11501 sp900766735
JAAZZIT01 sp015066705
Oliverpabstia intestinalis
Pseudoruminococcus massiliensis
Ruminococcus flavefaciens_AA
Ruminococcus flavefaciens_Y
Ruminococcus sp002394695
Ruminococcus sp016283395
Ruminococcus sp017418765
Ruminococcus sp017519145
Ruminococcus sp017960805
Ruminococcus sp021200415
Ruminococcus_C sp000433635
Ruminococcus_D bicirculans
Ruminococcus_D sp900319075
Ruminococcus_D sp902786965
Ruminococcus_E bromii_B
Ruminococcus_E sp003521625
Ruminococcus_E sp003526955
Ruminococcus_E sp017410265
Ruminococcus_E sp017433905
Ruminococcus_E sp017481885
Ruminococcus_E sp017502425
Ruminococcus_E sp900100595
Ruminococcus_E sp900316555
Ruminococcus_E sp905215855
Schaedlerella arabinosiphila
UBA5905 sp004558485
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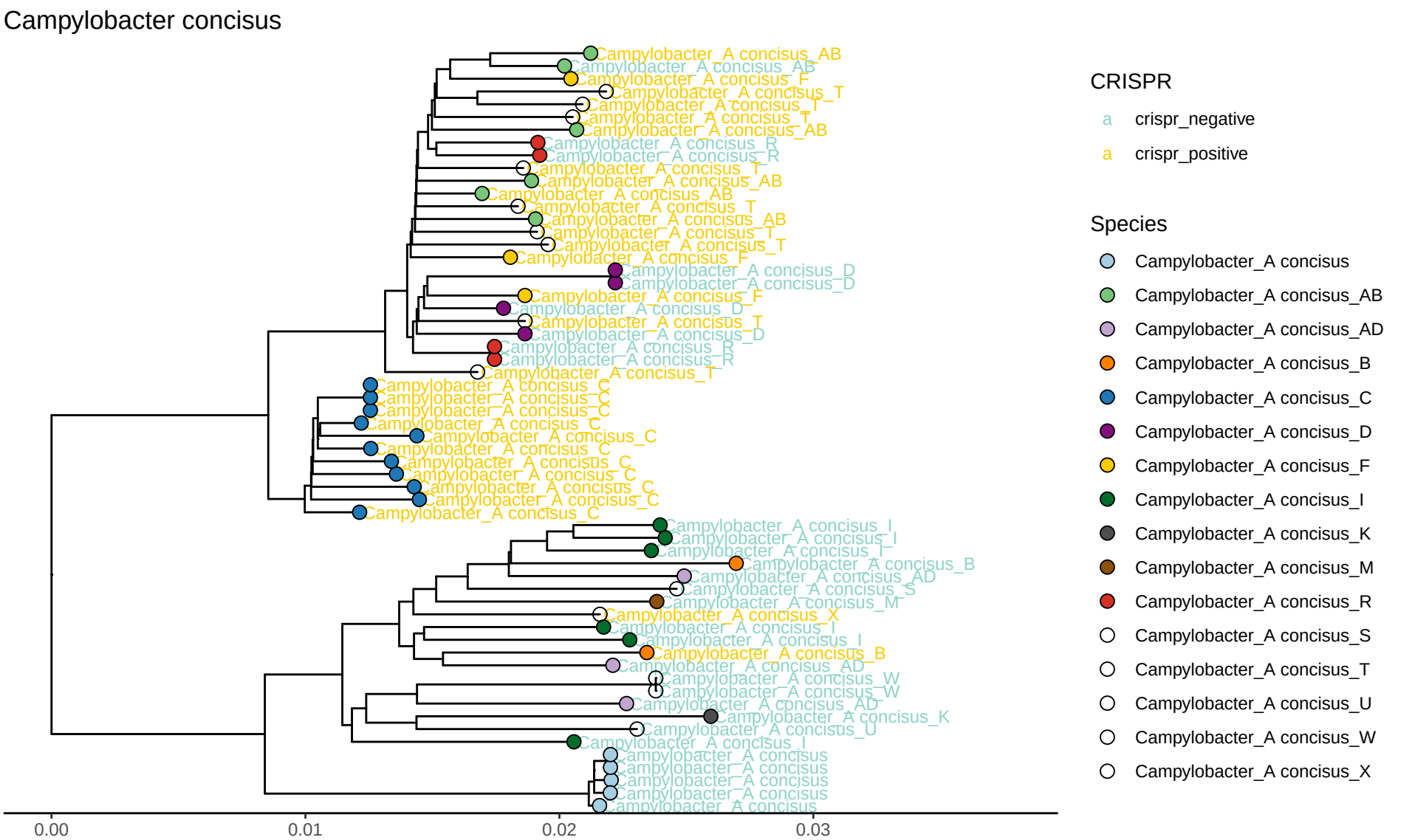
UMGS363 sp900768245
un_g__Ruminococcus
un_g__Ruminococcus_D


Campylobacter concisus
Campylobacter_A concisus_AB
Campylobacter_A concisus_AB
Campylobacter_A concisus_F
Campylobacter_A concisus_T
Campylobacter_A concisus_T
Campylobacter_A concisus_T
Campylobacter_A concisus_AB
Campylobacter_A concisus_R
Campylobacter_A concisus_R
Campylobacter_A concisus_T
Campylobacter_A concisus_AB
Campylobacter_A concisus_AB
Campylobacter_A concisus_T
Campylobacter_A concisus_AB
Campylobacter_A concisus_T
Campylobacter_A concisus_T
Campylobacter_A concisus_F
Campylobacter_A concisus_D
Campylobacter_A concisus_D
Campylobacter_A concisus_F
Campylobacter_A concisus_D
Campylobacter_A concisus_T
Campylobacter_A concisus_D
Campylobacter_A concisus_R
Campylobacter_A concisus_R
Campylobacter_A concisus_T
Campylobacter_A concisus_C
Campylobacter_A concisus_C
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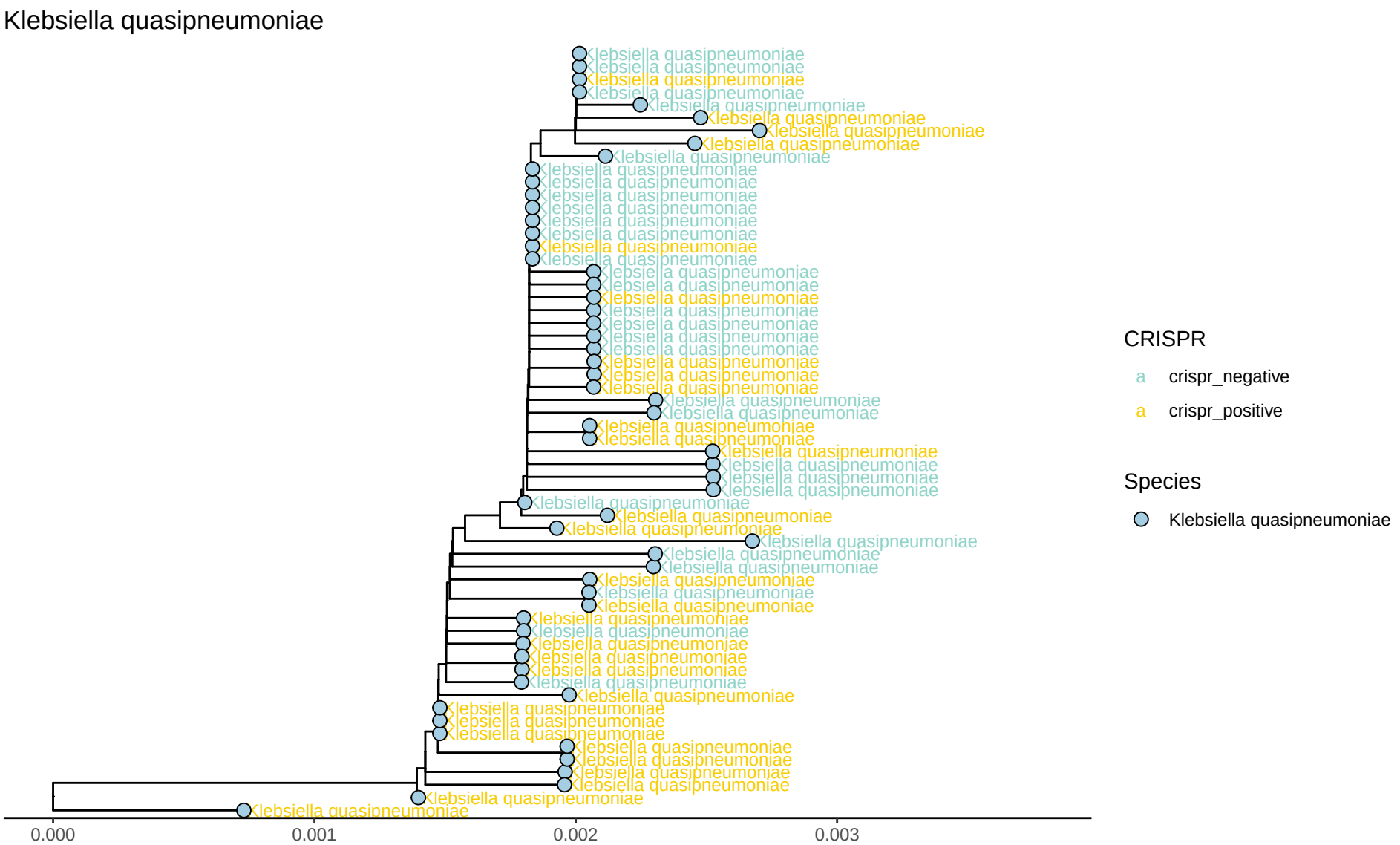
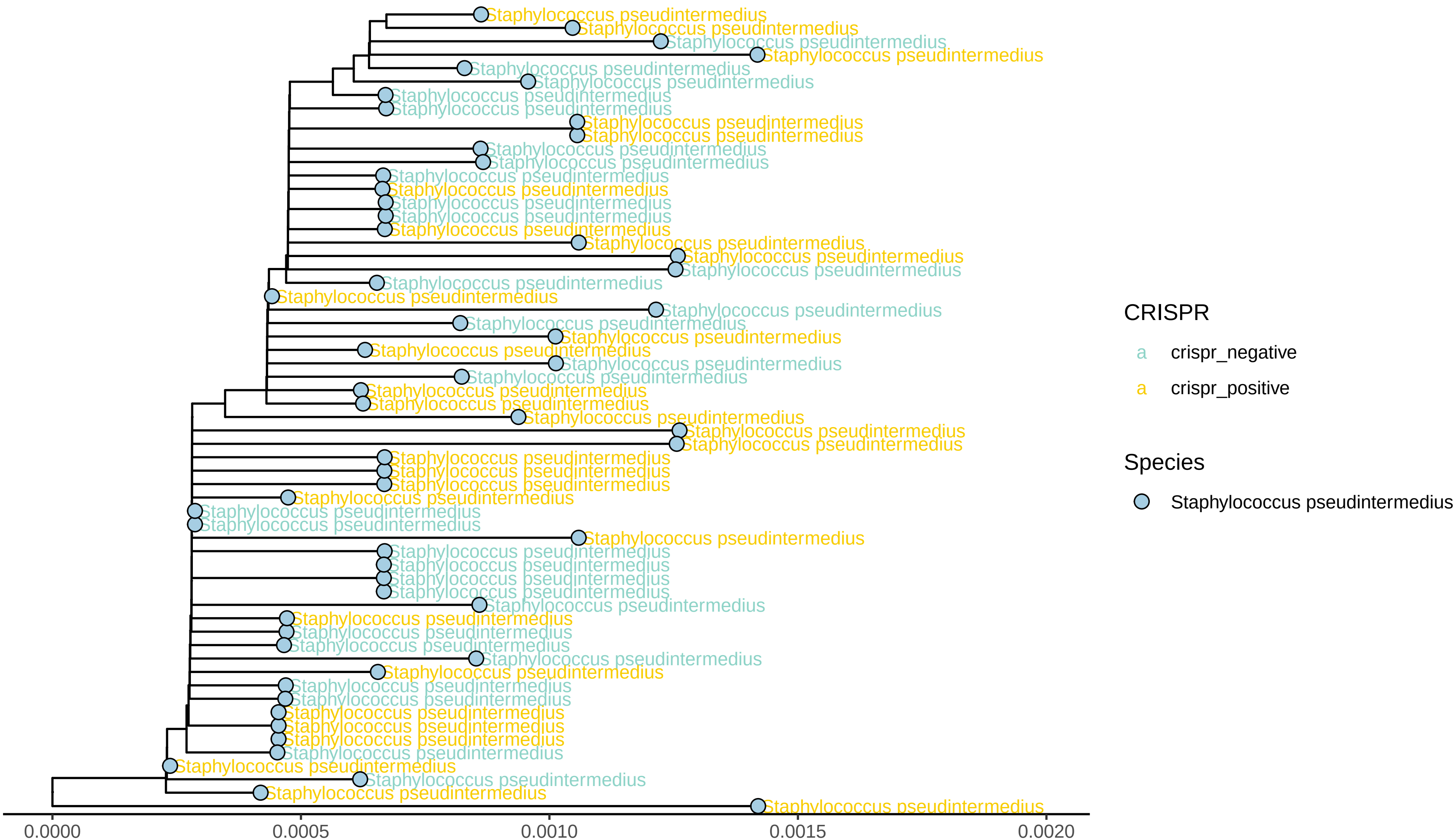
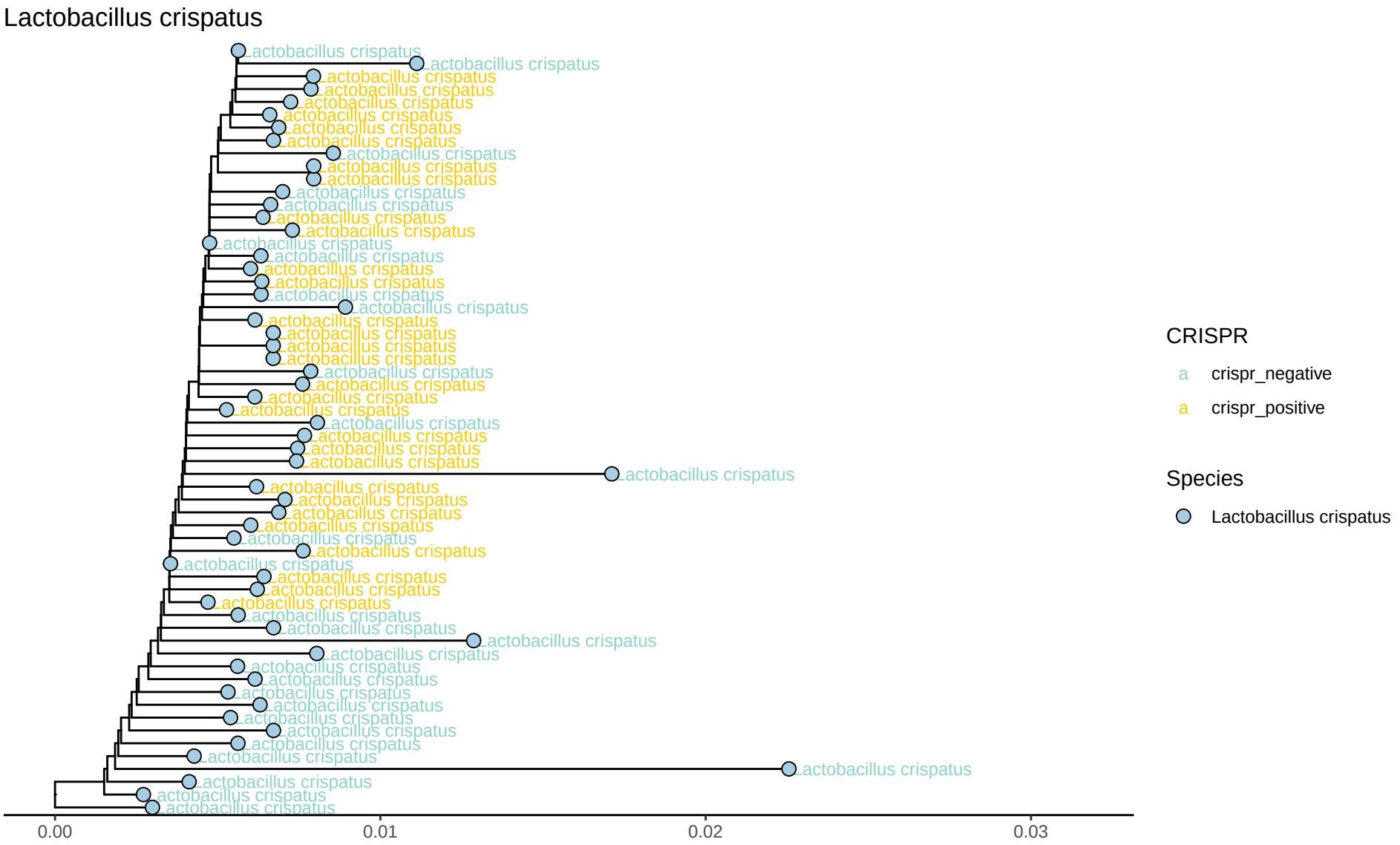
Campylobacter_A concisus_C
Campylobacter_A concisus_C
Campylobacter_A concisus_C
Campylobacter_A concisus_C
Campylobacter_A concisus_I
Campylobacter_A concisus_I
Campylobacter_A concisus_I
Campylobacter_A concisus_B
Campylobacter_A concisus_AD
Campylobacter_A concisus_S
Campylobacter_A concisus_M
Campylobacter_A concisus_X
Campylobacter_A concisus_I
Campylobacter_A concisus_I
Campylobacter_A concisus_B
Campylobacter_A concisus_AD
Campylobacter_A concisus_W
Campylobacter_A concisus_W
Campylobacter_A concisus_AD
Campylobacter_A concisus_K
Campylobacter_A concisus_U
Campylobacter_A concisus_I
Campylobacter_A concisus
Campylobacter_A concisus
Campylobacter_A concisus
Campylobacter_A concisus
Campylobacter_A concisus
0.00
0.01
0.02
0.03
CRISPR
a crispr_negative
a crispr_positive
Species
Campylobacter_A concisus
Campylobacter_A concisus_AB
Campylobacter_A concisus_AD
Campylobacter_A concisus_B
Campylobacter_A concisus_C
Campylobacter_A concisus_D
Campylobacter_A concisus_F
Campylobacter_A concisus_I
Campylobacter_A concisus_K
Campylobacter_A concisus_M
Campylobacter_A concisus_R
Campylobacter_A concisus_S
Campylobacter_A concisus_T
Campylobacter_A concisus_U
Campylobacter_A concisus_W
Campylobacter_A concisus_X

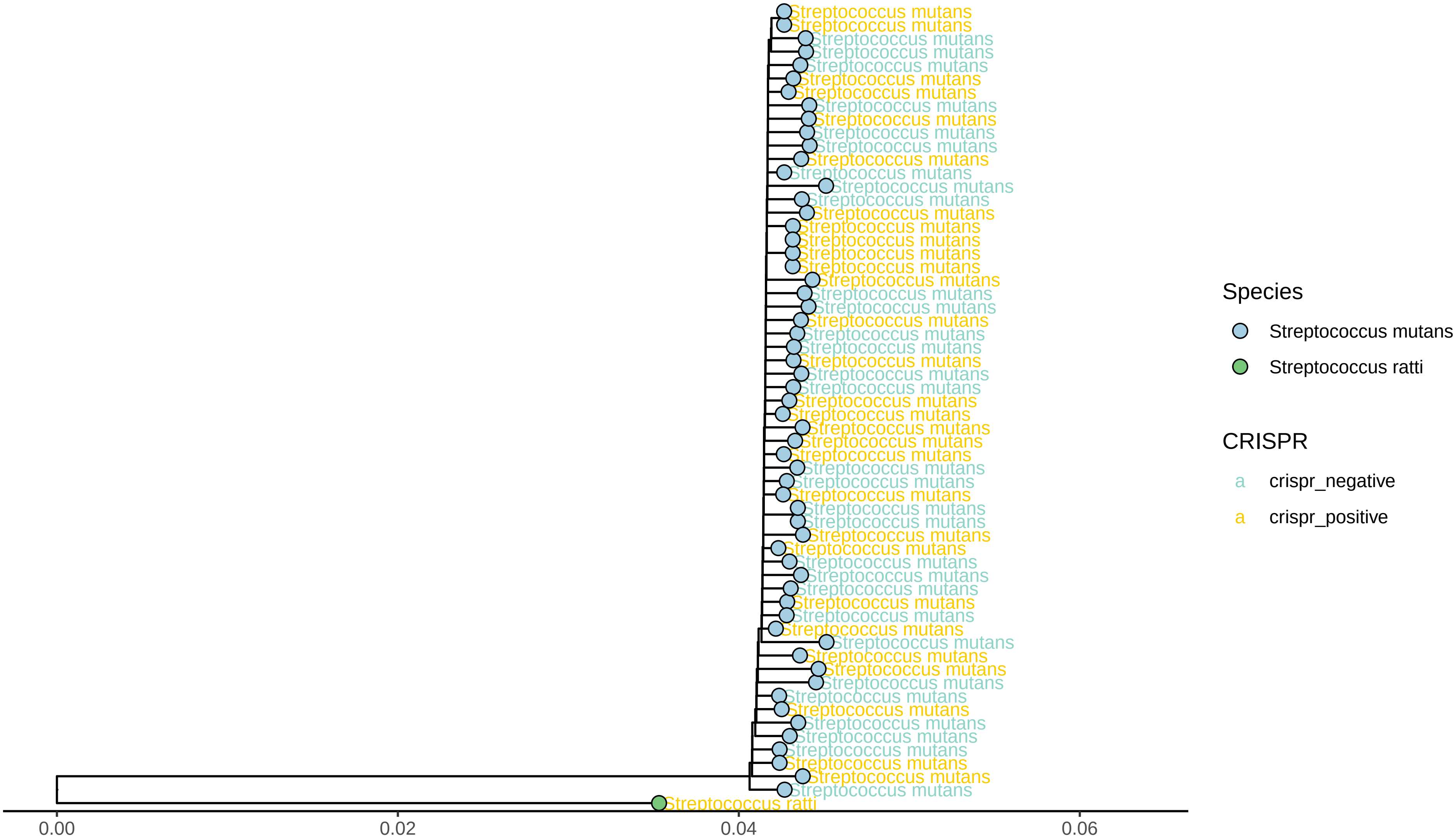

Klebsiella quasipneumoniae
0.000
0.001
0.002
0.003
CRISPR
a crispr_negative
a crispr_positive
Species
Klebsiella quasipneumoniae

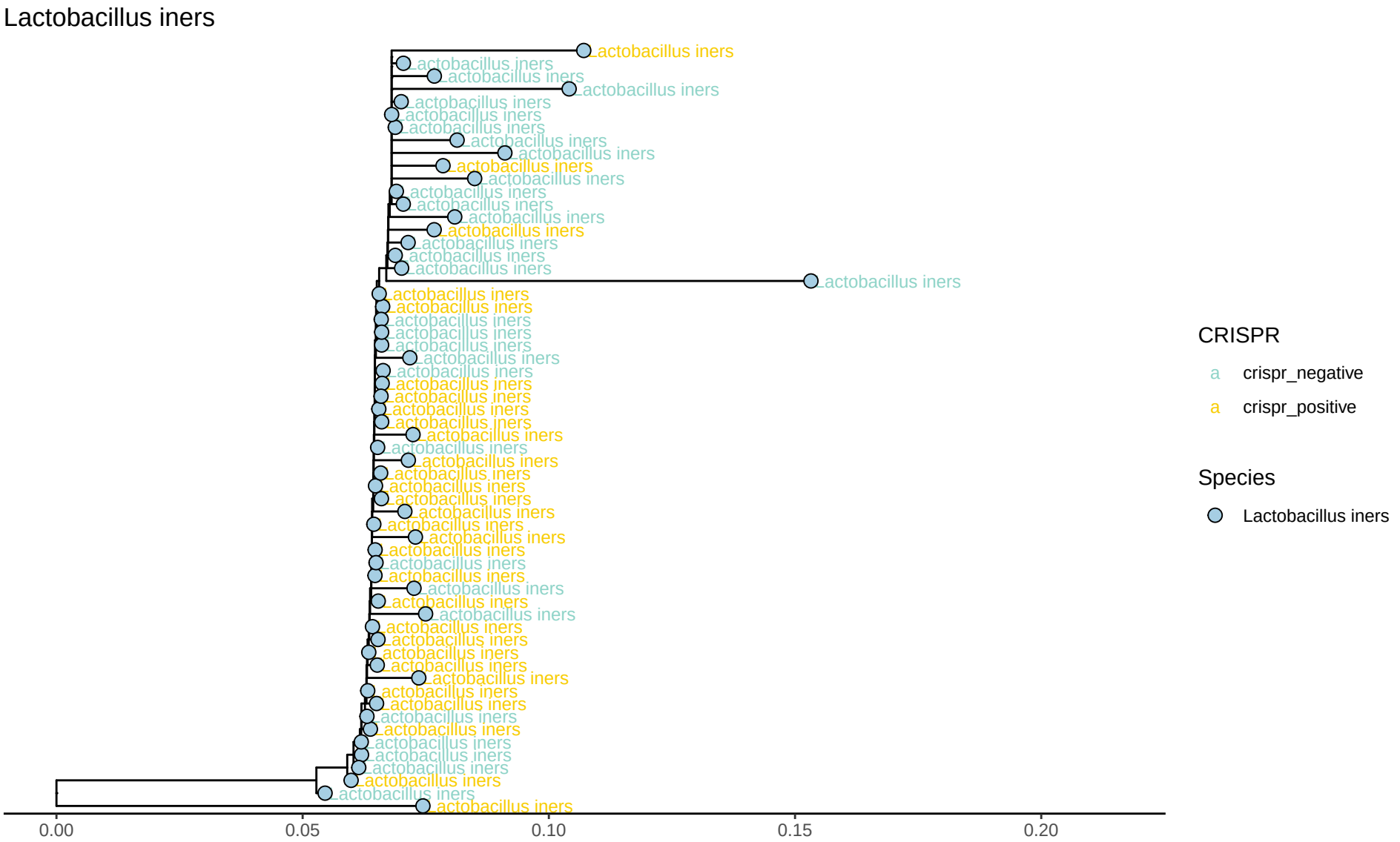
Staphylococcus pseudintermedius

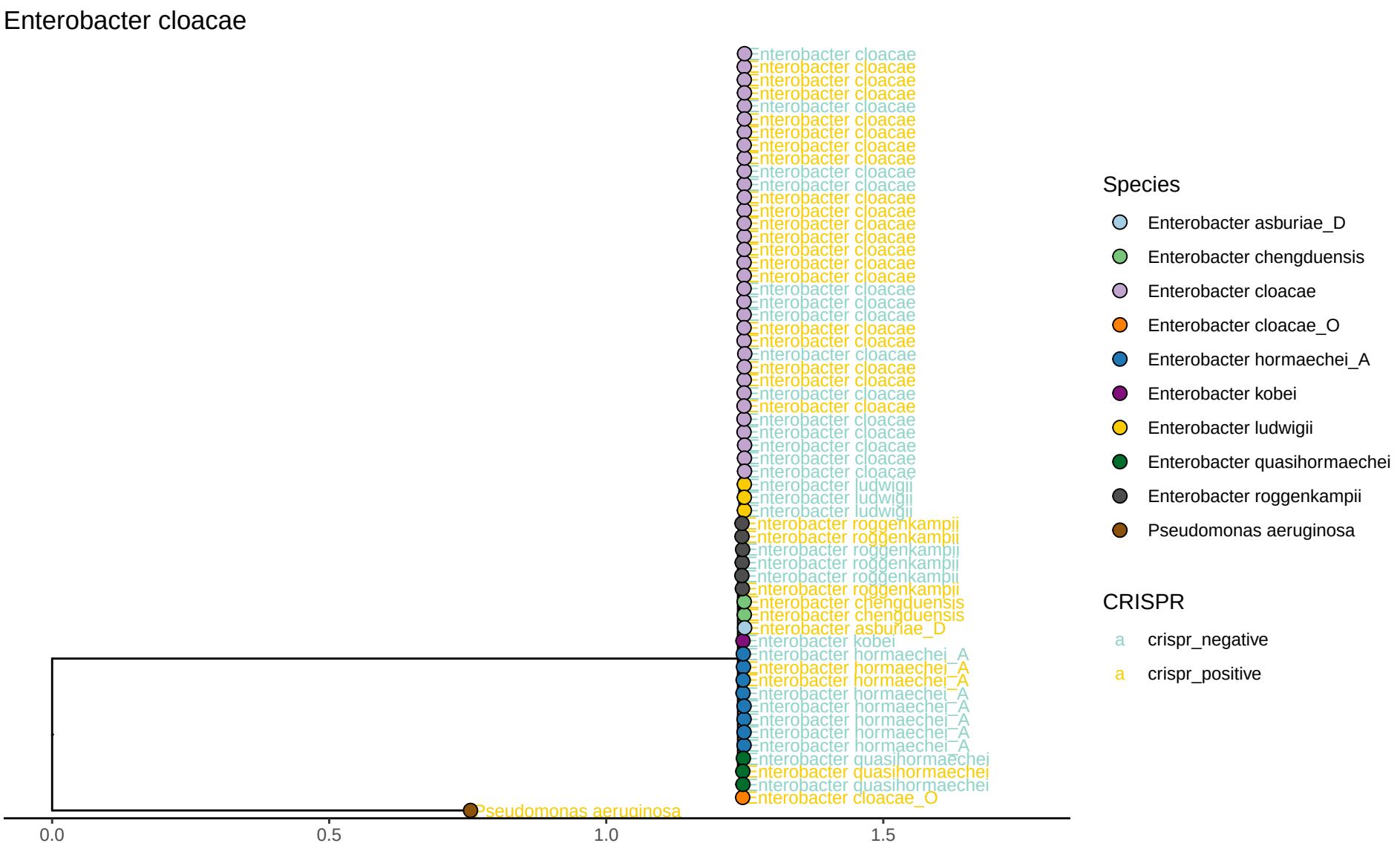



Lactobacillus crispatus
Lactobacillus crispatus
0.00
0.01
0.02
0.03
CRISPR
a crispr_negative
a crispr_positive
Species
Lactobacillus crispatus

Streptococcus mutans




Lactobacillus iners
actobacillus iners
Lactobacillus iners
0.00
0.05
0.10
0.15
0.20
CRISPR
a crispr_negative
a crispr_positive
Species
Lactobacillus iners


Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
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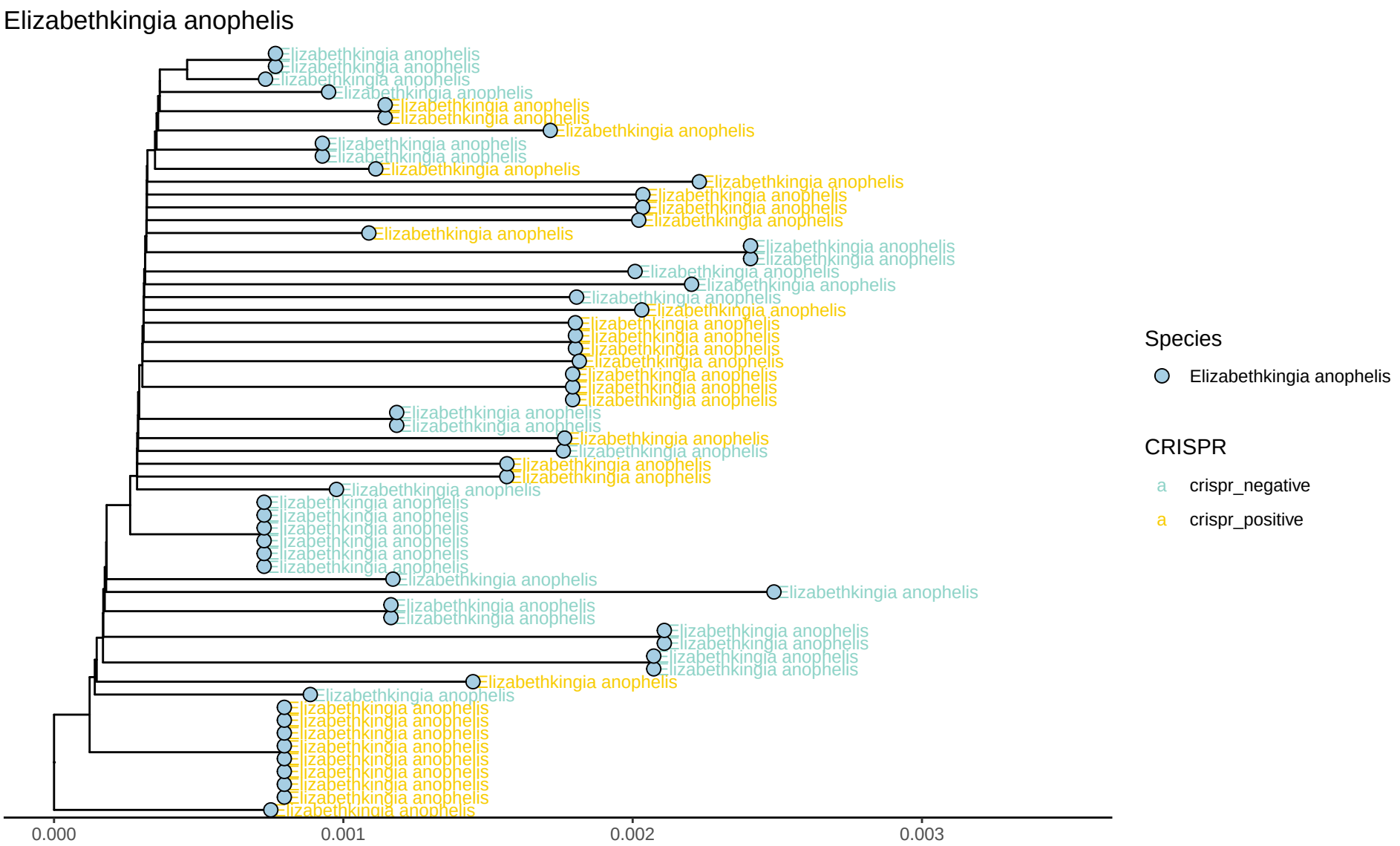
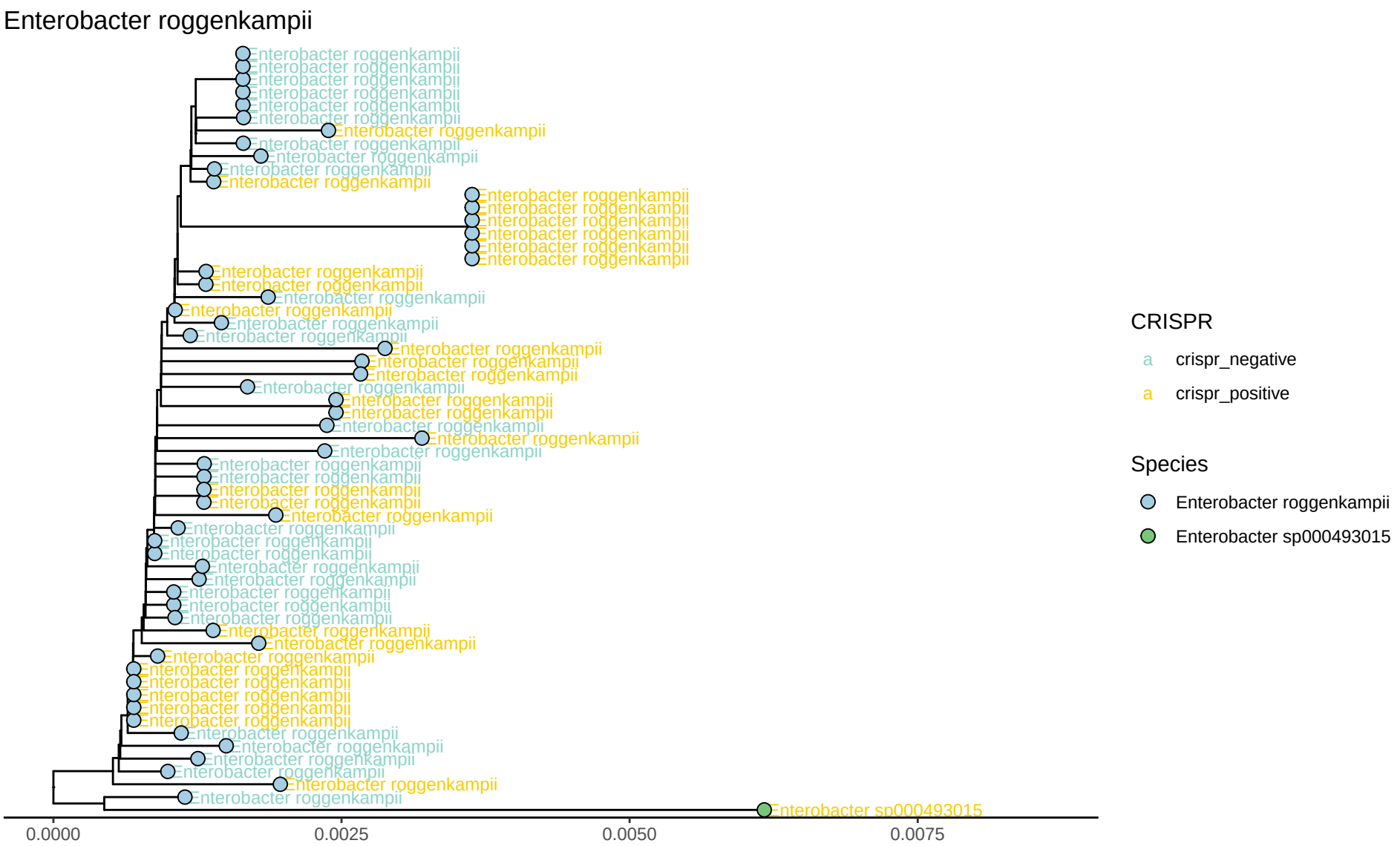
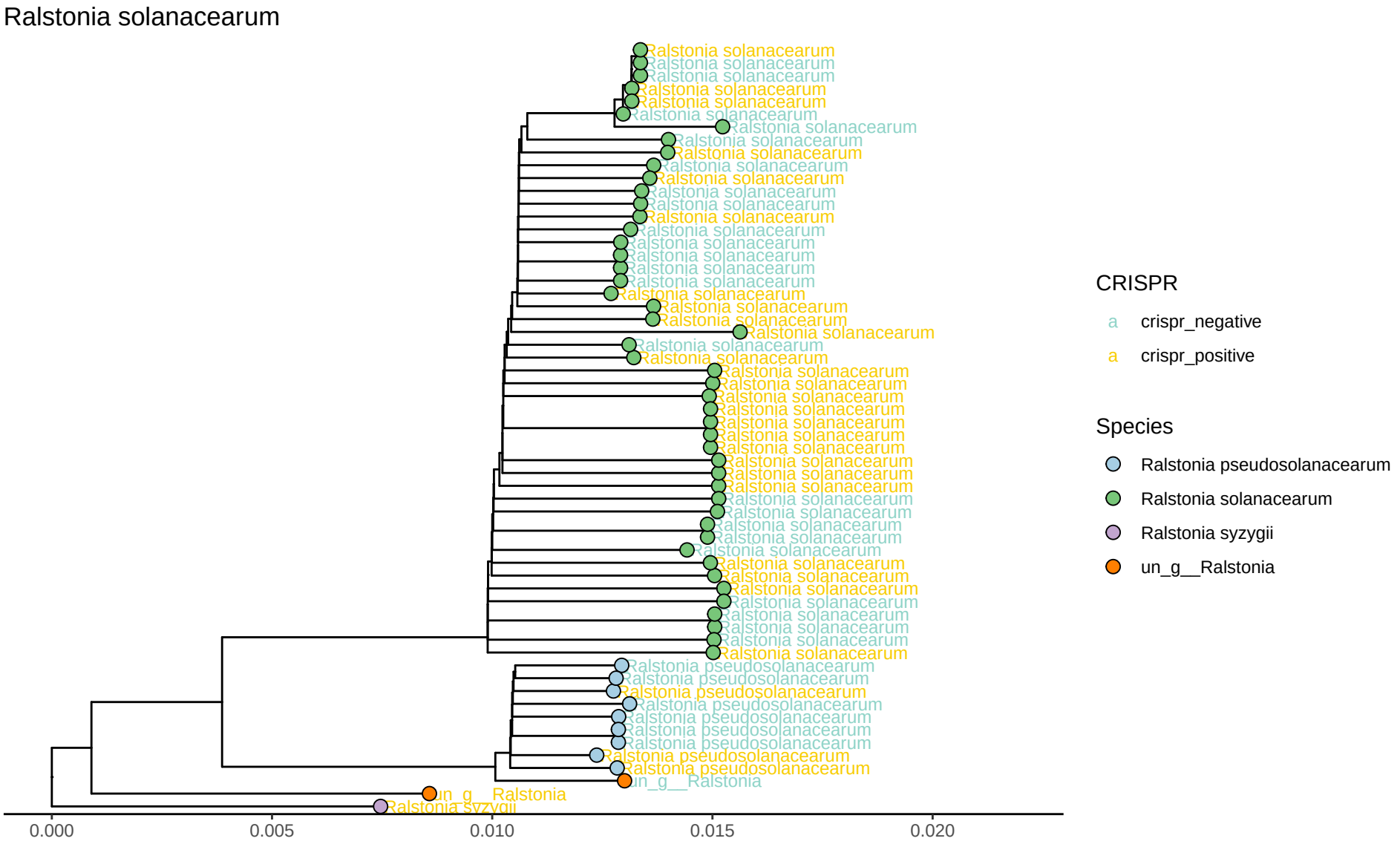
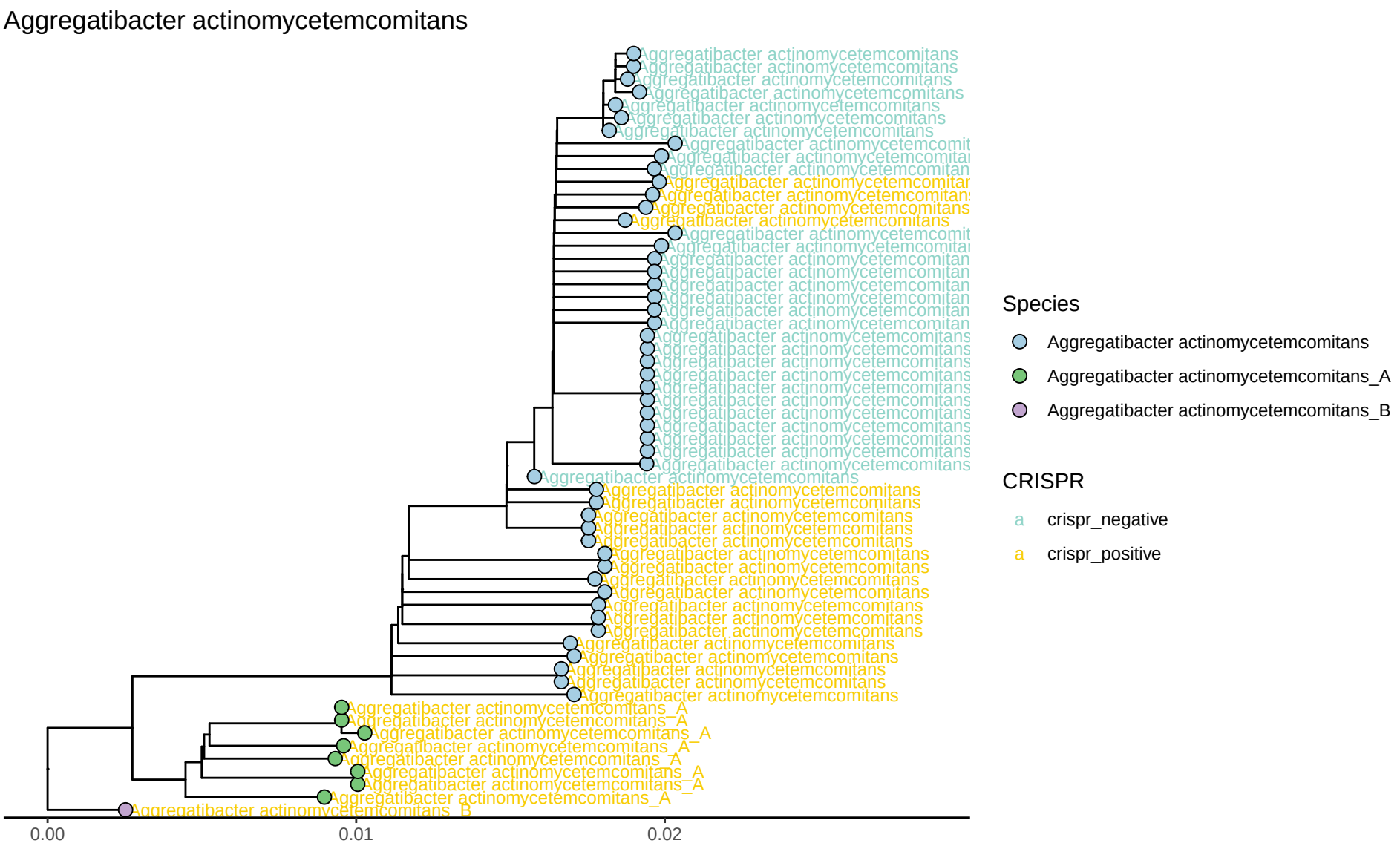
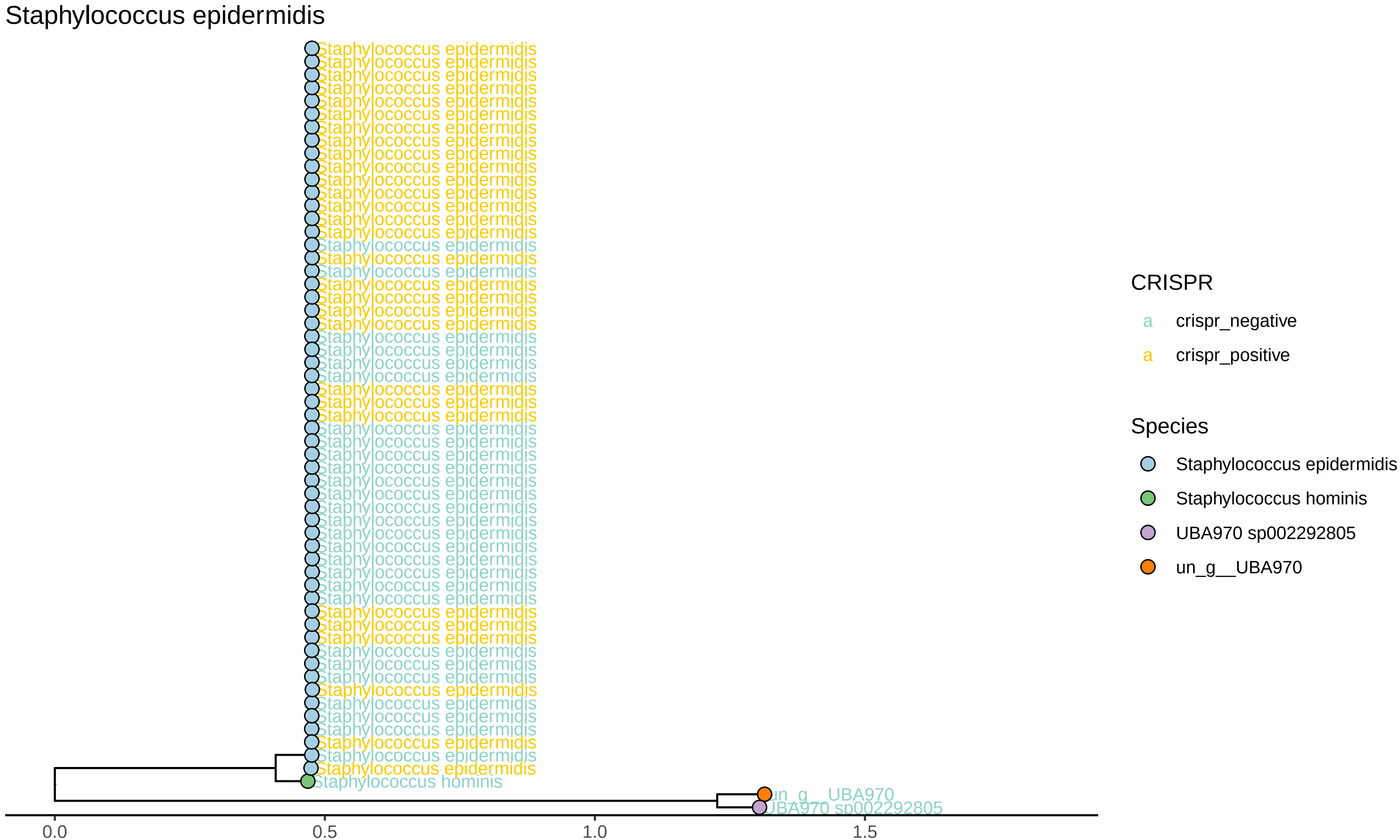
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter cloacae
Enterobacter ludwigii
Enterobacter ludwigii
Enterobacter ludwigii
Enterobacter roggenkampii
Enterobacter roggenkampii
Enterobacter roggenkampii
Enterobacter roggenkampii
Enterobacter roggenkampii
Enterobacter roggenkampii
Enterobacter chengduensis
Enterobacter chengduensis
Enterobacter asburiae_D
Enterobacter kobei
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter hormaechei_A
Enterobacter quasihormaechei
Enterobacter quasihormaechei
Enterobacter quasihormaechei
Enterobacter cloacae_O
Pseudomonas aeruginosa
0.0
0.5
1.0
1.5
Species
Enterobacter asburiae_D
Enterobacter chengduensis
Enterobacter cloacae
Enterobacter cloacae_O
Enterobacter hormaechei_A
Enterobacter kobei
Enterobacter ludwigii
Enterobacter quasihormaechei
Enterobacter roggenkampii
Pseudomonas aeruginosa
CRISPR
a crispr_negative
a crispr_positive

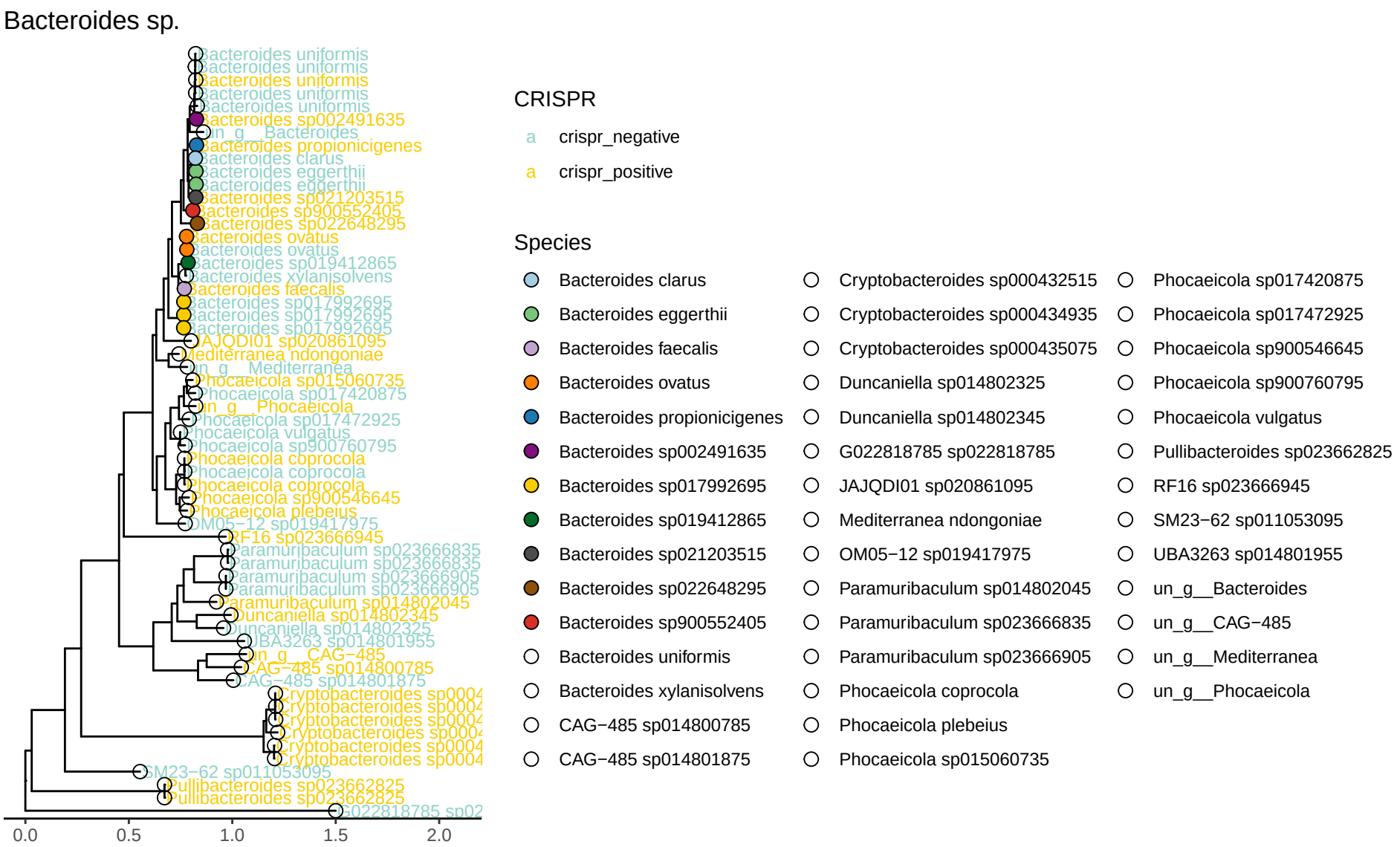

Elizabethkingia anophelis
Species
Elizabethkingia anophelis
CRISPR
a crispr_negative
a crispr_positive
0.000
0.001
0.002
0.003

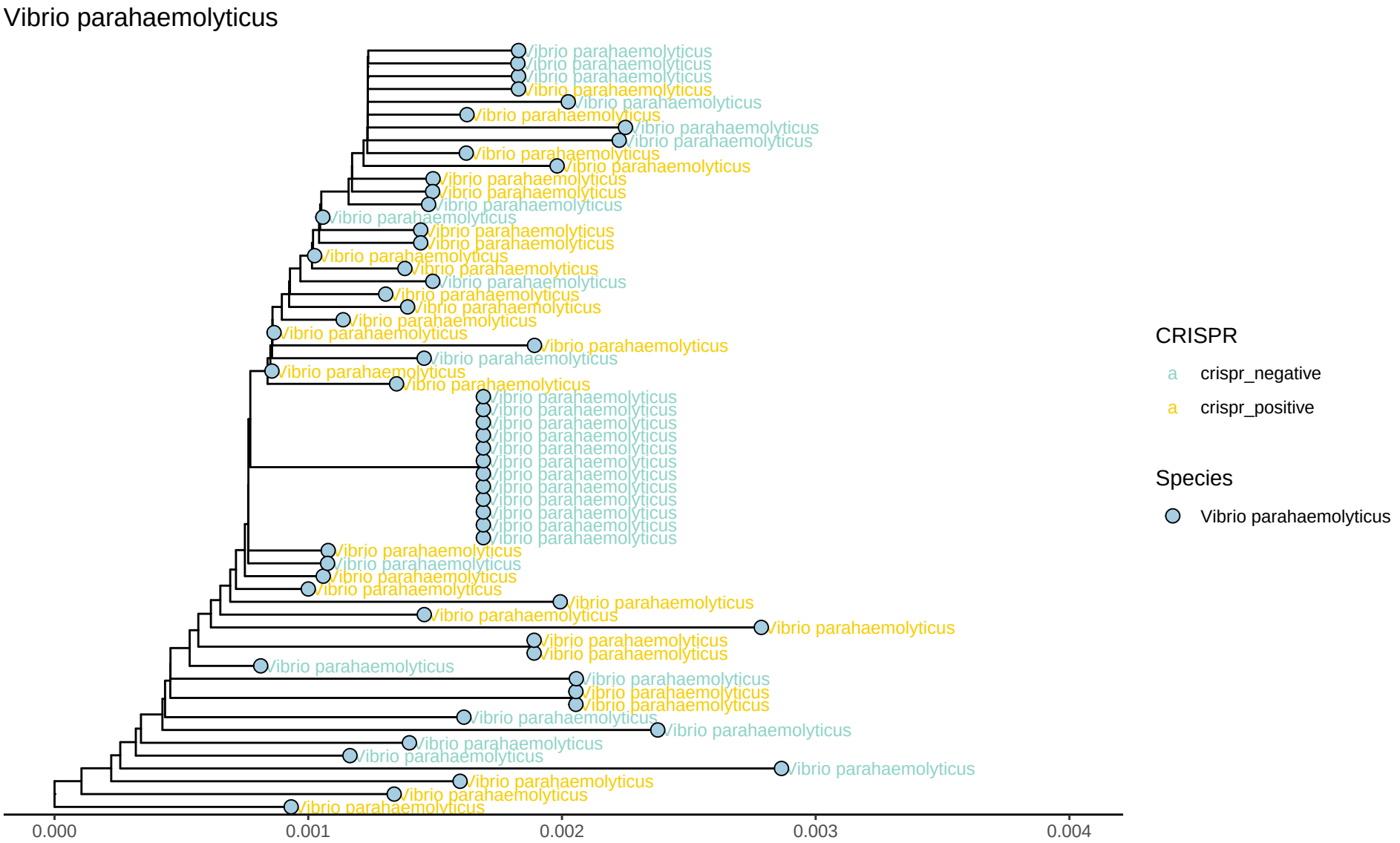

Enterobacter roggenkampii
Enterobacter sp000493015
0.0000
0.0025
0.0050
0.0075
CRISPR
a crispr_negative
a crispr_positive
Species
Enterobacter roggenkampii
Enterobacter sp000493015

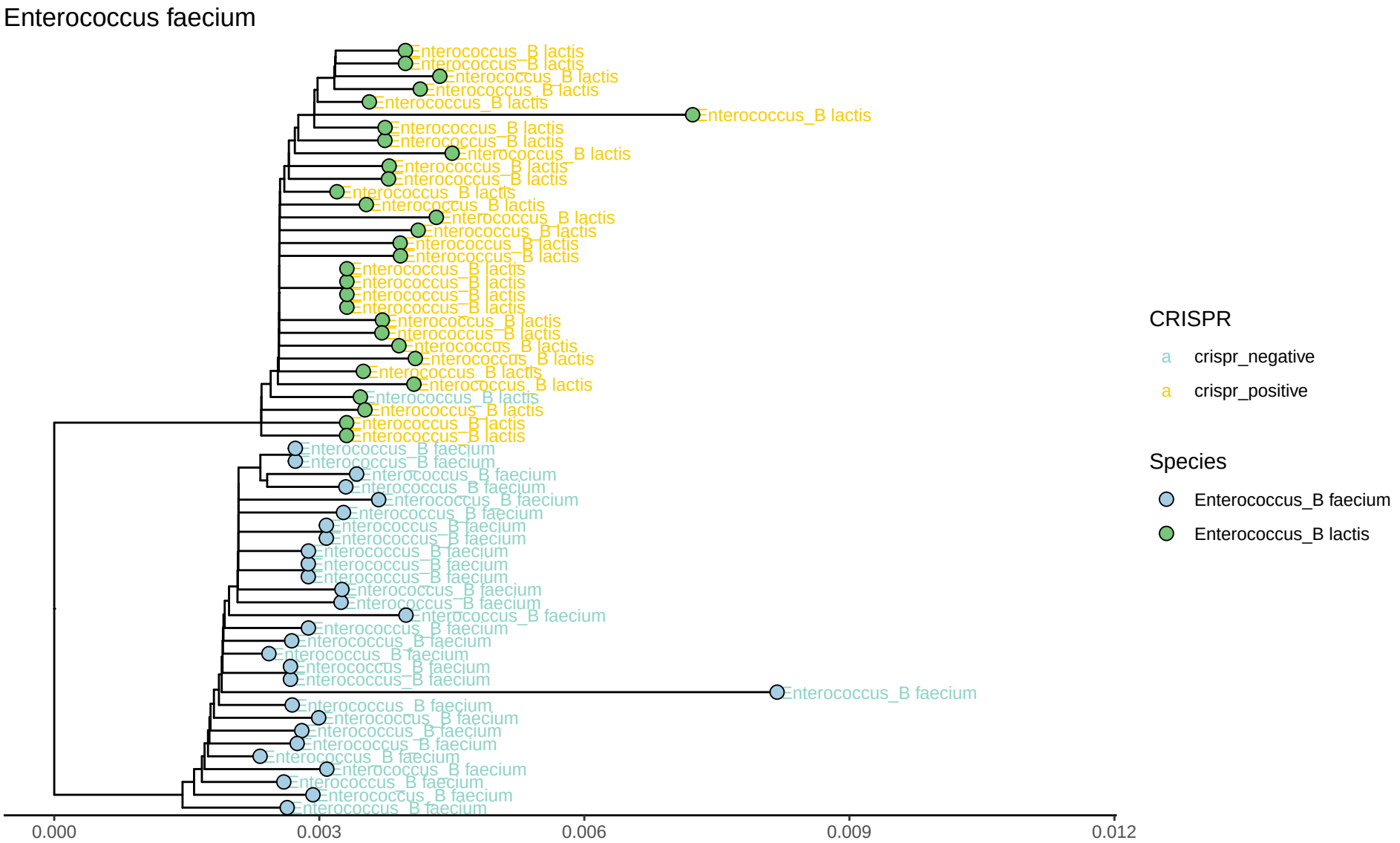

Ralstonia solanacearum
CRISPR
a crispr_negative
a crispr_positive
Species
Ralstonia pseudosolanacearum
Ralstonia solanacearum
Ralstonia syzygii
un_g__Ralstonia
0.000
0.005
0.010
0.015
0.020


Aggregatibacter actinomycetemcomitans
Species
Aggregatibacter actinomycetemcomitans
Aggregatibacter actinomycetemcomitans_A
Aggregatibacter actinomycetemcomitans_B
CRISPR
a crispr_negative
a crispr_positive
0.00
0.01
0.02

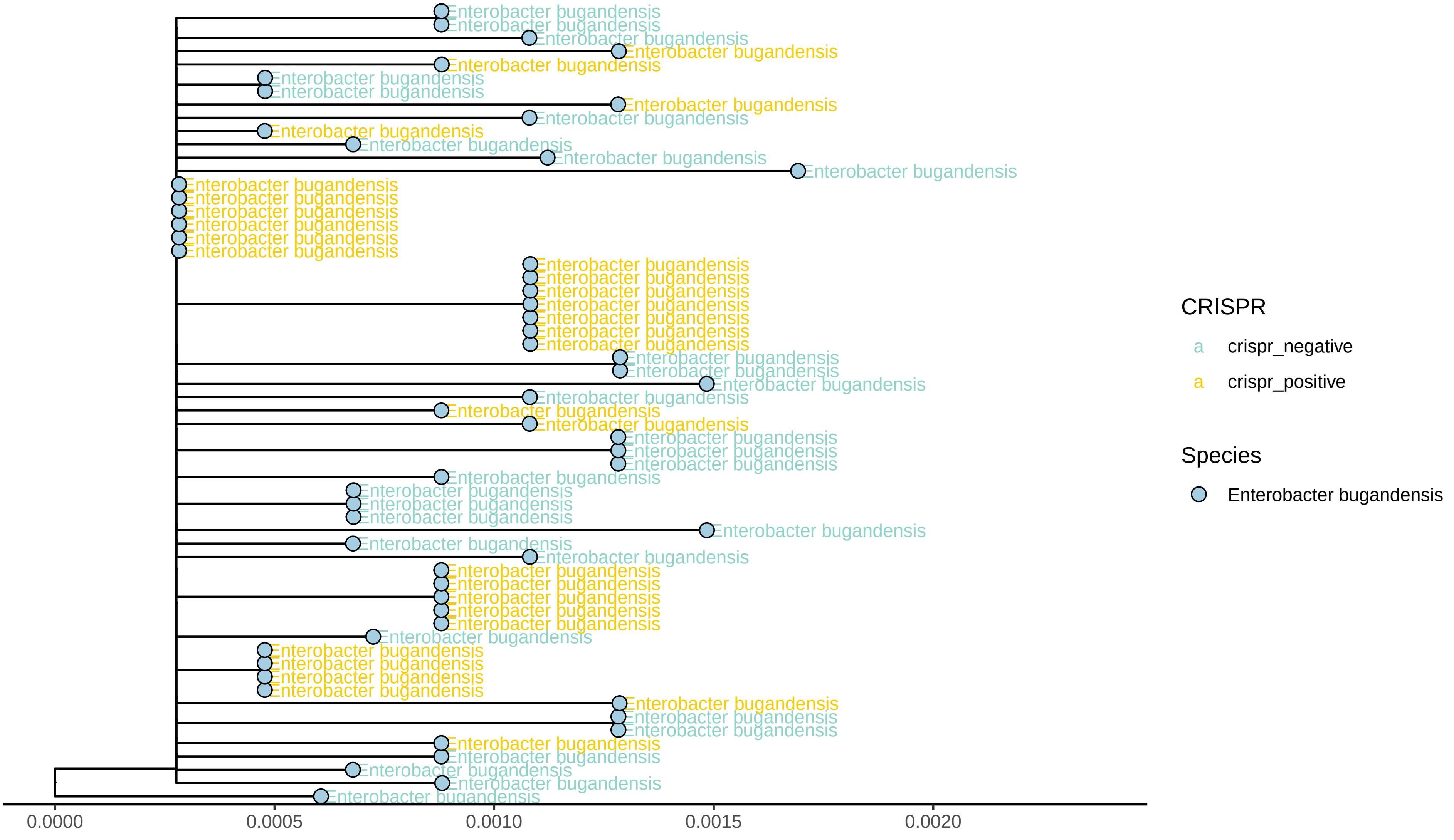

Staphylococcus epidermidis
Staphylococcus epidermidis
Staphylococcus hominis
un_g__UBA970
UBA970 sp002292805
0.0
0.5
1.0
1.5
CRISPR
a crispr_negative
a crispr_positive
Species
Staphylococcus epidermidis
Staphylococcus hominis
UBA970 sp002292805
un_g__UBA970

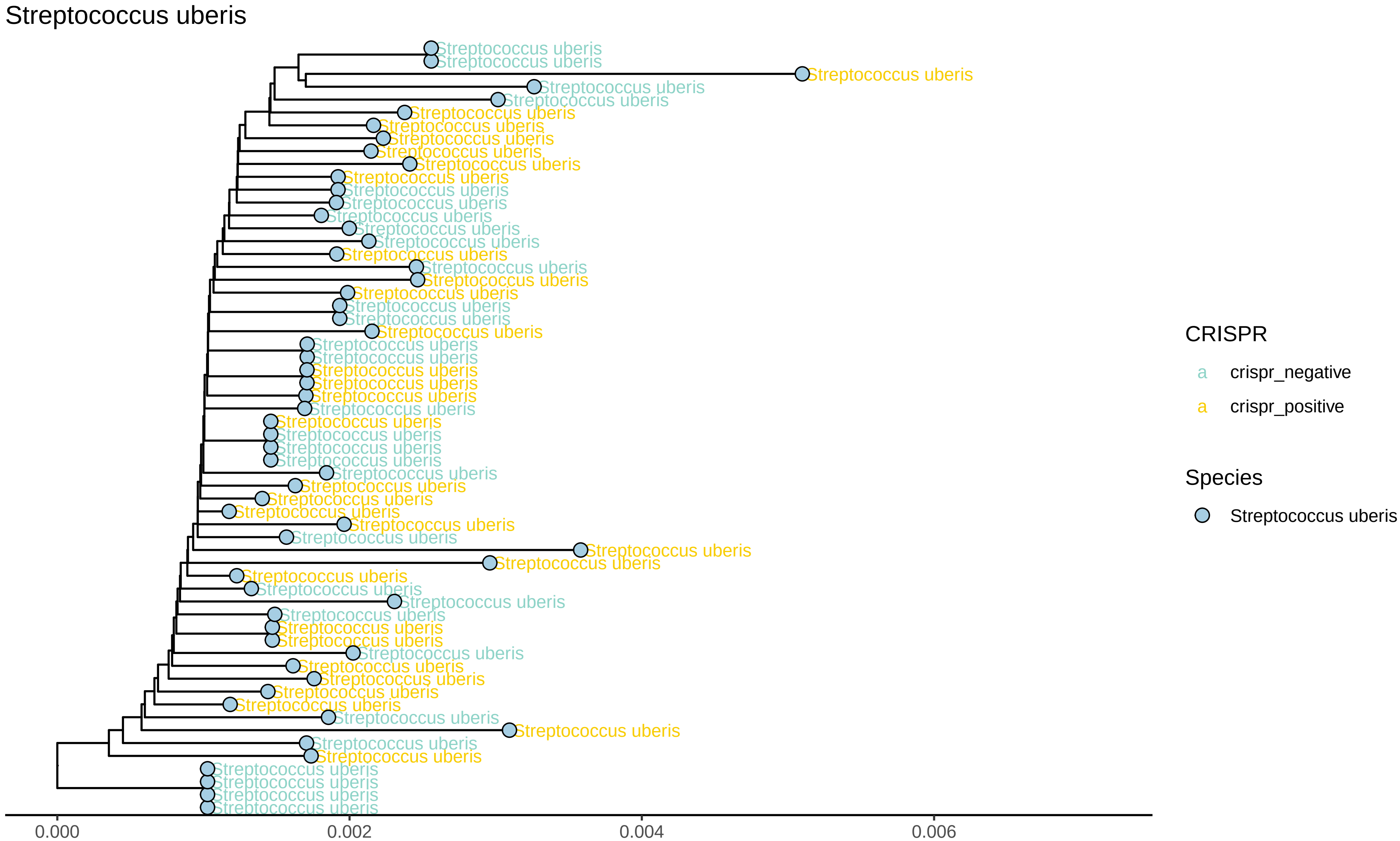

Bacteroides sp.
Bacteroides uniformis
Bacteroides uniformis
Bacteroides uniformis
Bacteroides uniformis
Bacteroides uniformis
Bacteroides sp002491635
un_g__Bacteroides
Bacteroides propionicigenes
Bacteroides clarus
Bacteroides eggerthii
Bacteroides eggerthii
Bacteroides sp021203515
Bacteroides sp900552405
Bacteroides sp022648295
Bacteroides ovatus
Bacteroides ovatus
Bacteroides sp019412865
Bacteroides xylanisolvens
Bacteroides faecalis
Bacteroides sp017992695
Bacteroides sp017992695
Bacteroides sp017992695
JAJQDI01 sp020861095
Mediterranea ndongoniae
un_g__Mediterranea
Phocaeicola sp015060735
Phocaeicola sp017420875
un_g__Phocaeicola
Phocaeicola sp017472925
Phocaeicola vulgatus
Phocaeicola sp900760795
Phocaeicola coprocola
Phocaeicola coprocola
Phocaeicola coprocola
Phocaeicola sp900546645
Phocaeicola plebeius
OM05−12 sp019417975
RF16 sp023666945
Paramuribaculum sp023666835
Paramuribaculum sp023666835
Paramuribaculum sp023666905
Paramuribaculum sp023666905
Paramuribaculum sp014802045
Duncaniella sp014802345
Duncaniella sp014802325
UBA3263 sp014801955
un_g__CAG−485
CAG−485 sp014800785
CAG−485 sp014801875
Cryptobacteroides sp0004
Cryptobacteroides sp0004
Cryptobacteroides sp0004
Cryptobacteroides sp0004
Cryptobacteroides sp0004
Cryptobacteroides sp0004
SM23−62 sp011053095
Pullibacteroides sp023662825
Pullibacteroides sp023662825
G022818785 sp02
0.0
0.5
1.0
1.5
2.0
CRISPR
a crispr_negative
a crispr_positive
Species
Bacteroides clarus
Bacteroides eggerthii
Bacteroides faecalis
Bacteroides ovatus
Bacteroides propionicigenes
Bacteroides sp002491635
Bacteroides sp017992695
Bacteroides sp019412865
Bacteroides sp021203515
Bacteroides sp022648295
Bacteroides sp900552405
Bacteroides uniformis
Bacteroides xylanisolvens
CAG−485 sp014800785
CAG−485 sp014801875
Cryptobacteroides sp000432515
Cryptobacteroides sp000434935
Cryptobacteroides sp000435075
Duncaniella sp014802325
Duncaniella sp014802345
G022818785 sp022818785
JAJQDI01 sp020861095
Mediterranea ndongoniae
OM05−12 sp019417975
Paramuribaculum sp014802045
Paramuribaculum sp023666835
Paramuribaculum sp023666905
Phocaeicola coprocola
Phocaeicola plebeius
Phocaeicola sp015060735
Phocaeicola sp017420875
Phocaeicola sp017472925
Phocaeicola sp900546645
Phocaeicola sp900760795
Phocaeicola vulgatus
Pullibacteroides sp023662825
RF16 sp023666945
SM23−62 sp011053095
UBA3263 sp014801955
un_g__Bacteroides
un_g__CAG−485
un_g__Mediterranea
un_g__Phocaeicola

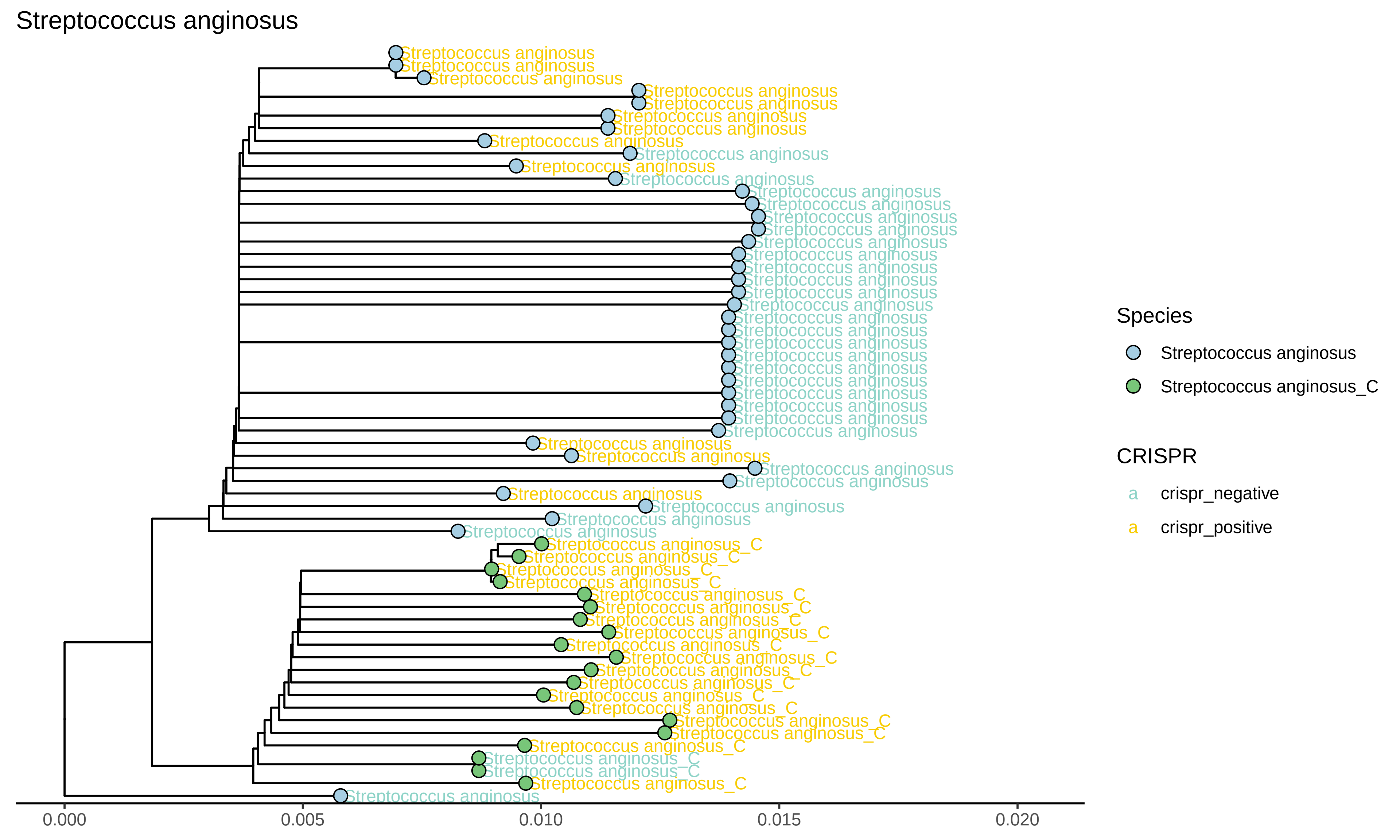

Vibrio parahaemolyticus
Vibrio parahaemolyticus
0.000
0.001
0.002
0.003
0.004
CRISPR
a crispr_negative
a crispr_positive
Species
Vibrio parahaemolyticus


Enterococcus faecium
Enterococcus_B lactis
Enterococcus_B faecium
CRISPR
a crispr_negative
a crispr_positive
Species
Enterococcus_B faecium
Enterococcus_B lactis
0.000
0.003
0.006
0.009
0.012

Enterobacter bugandensis




Streptococcus uberis
0.000
0.002
0.004
0.006
CRISPR
crispr_negative
crispr_positive
Species
Streptococcus uberis



Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
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Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
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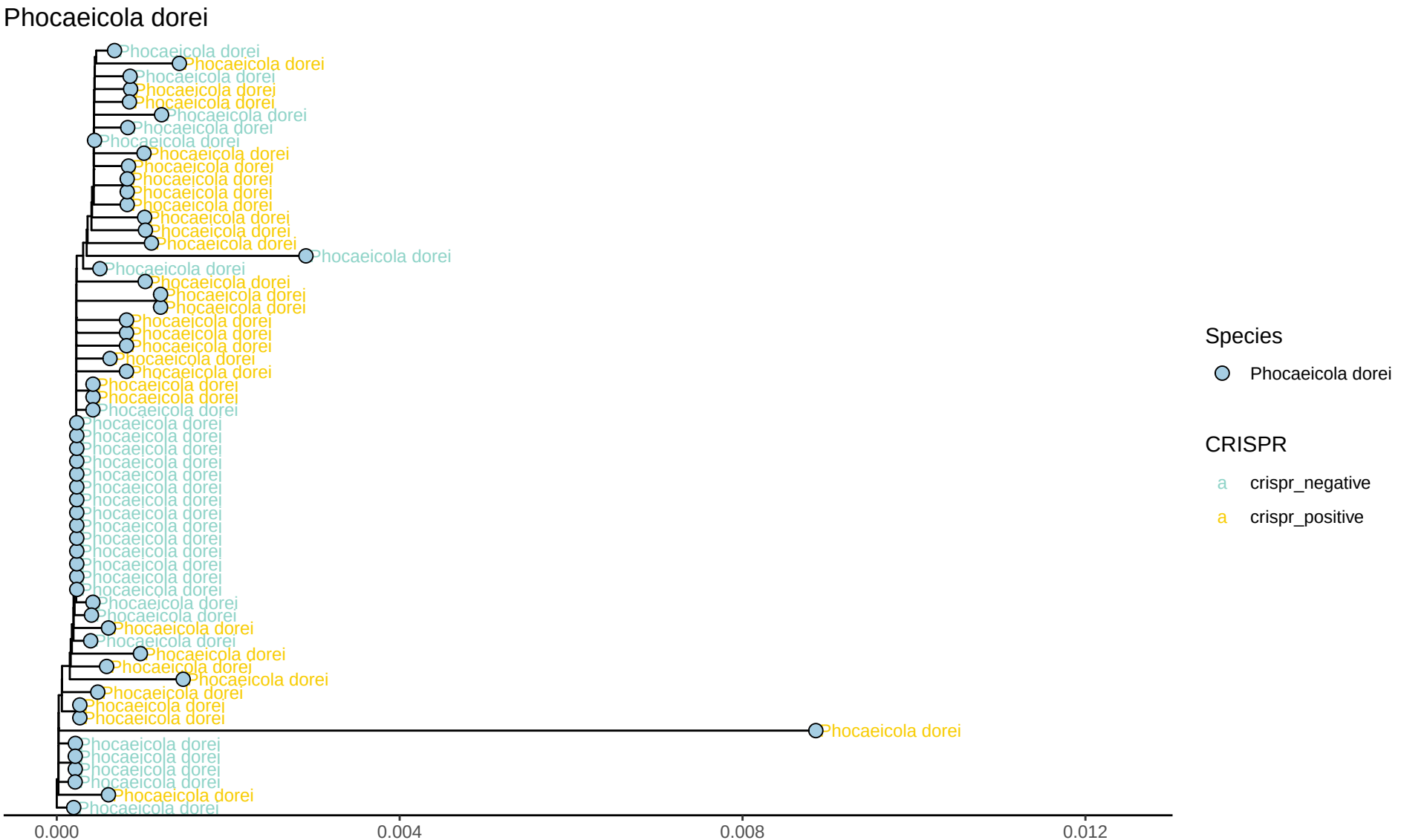
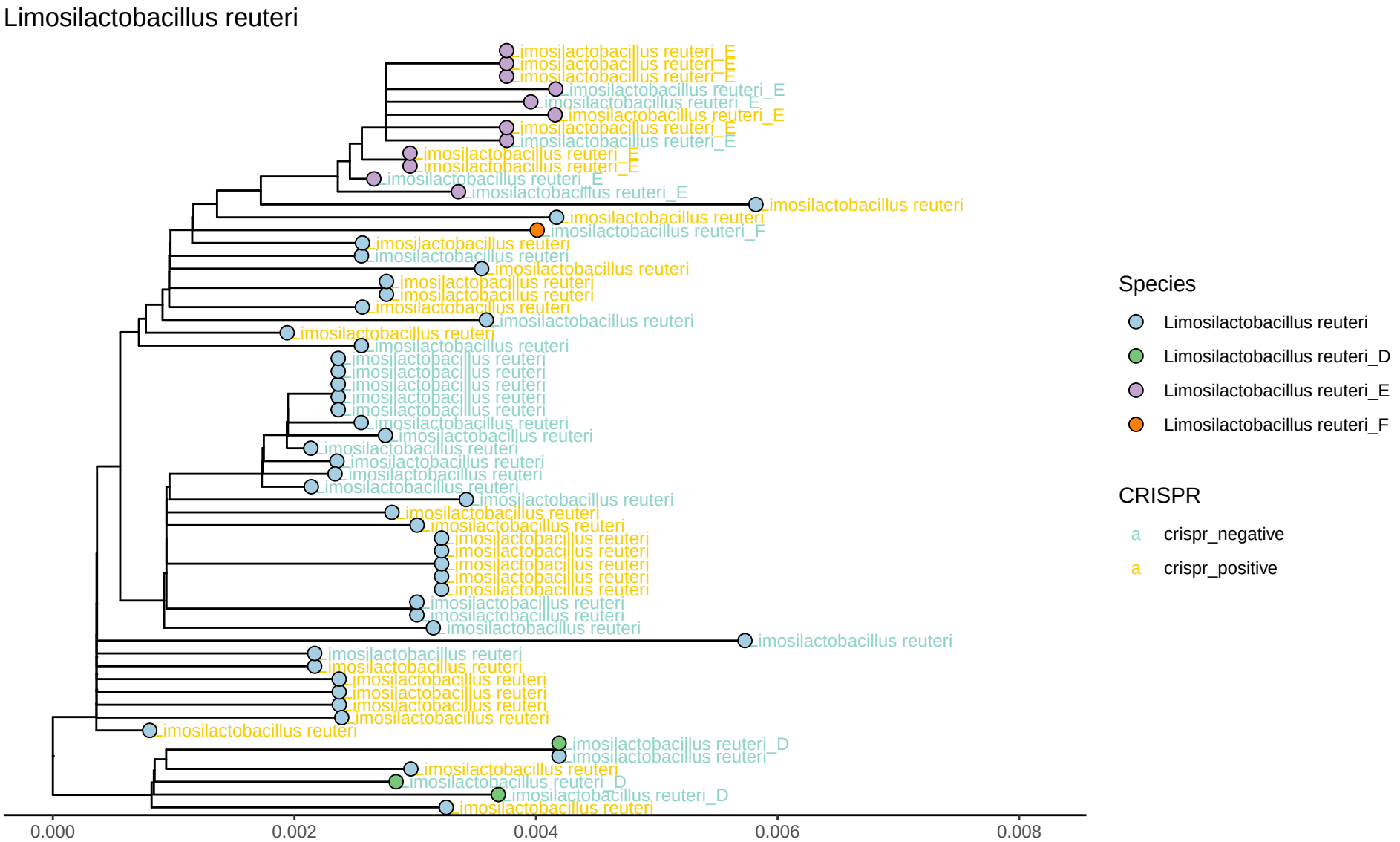
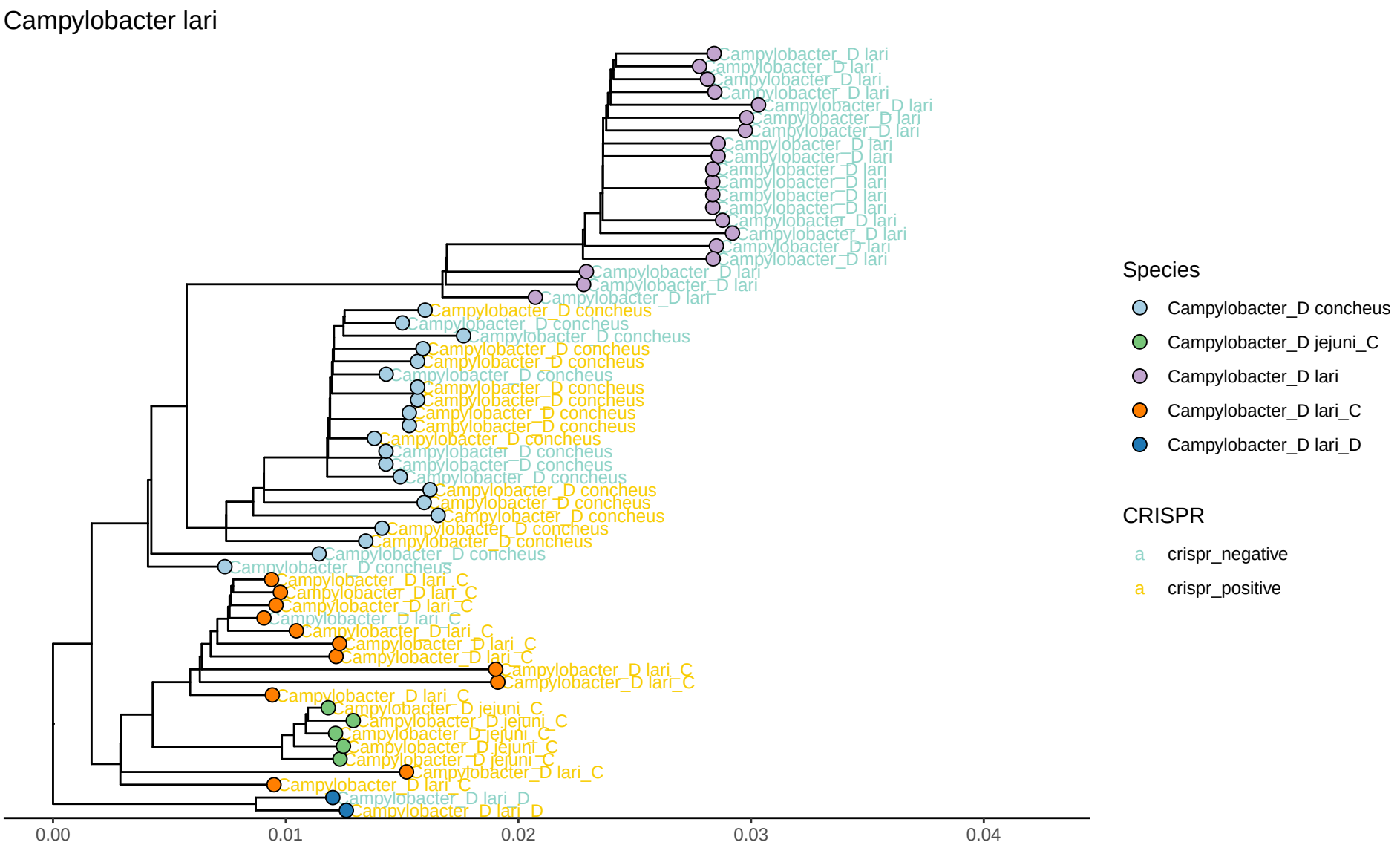
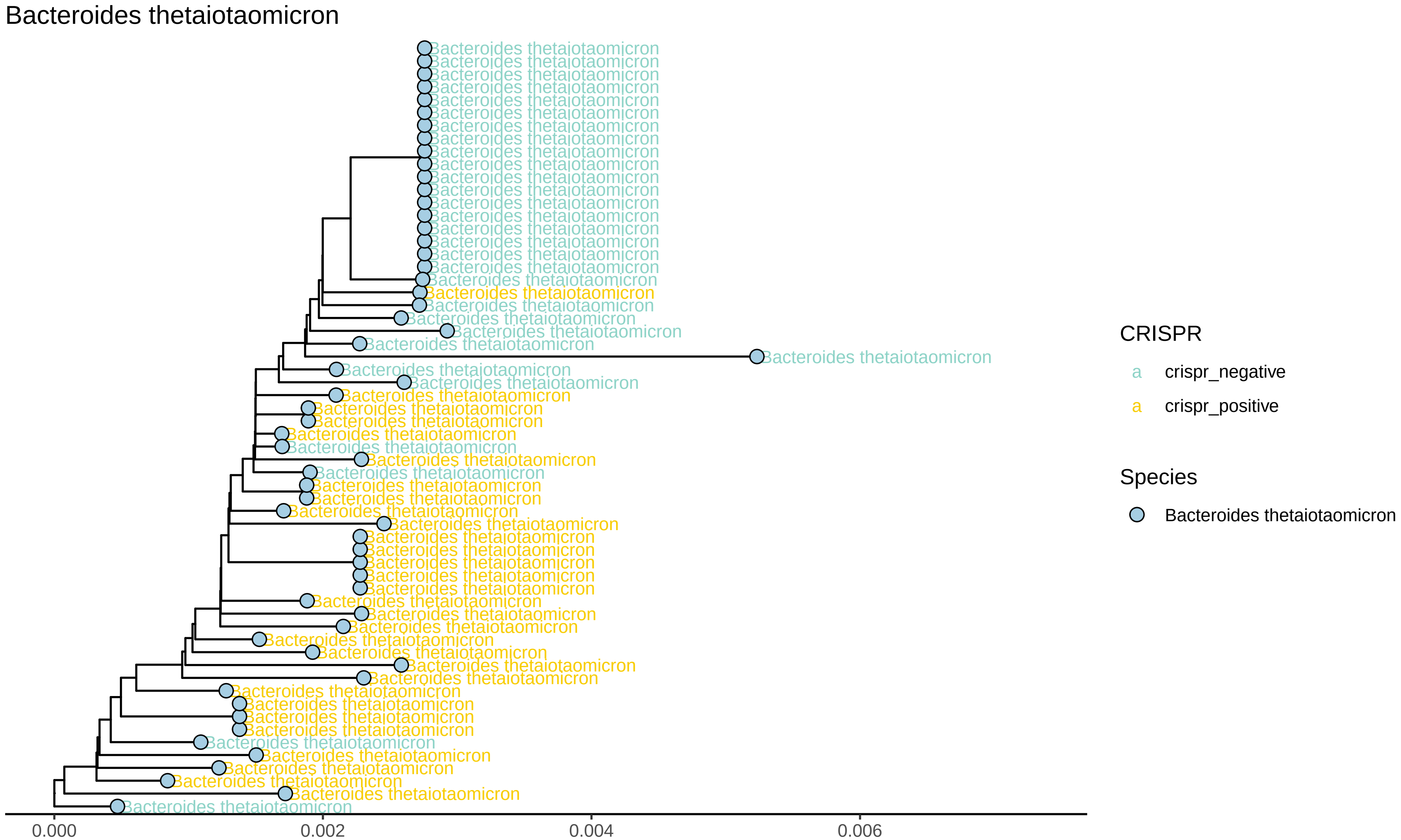
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus_C
Streptococcus anginosus
0.000
0.005
0.010
0.015
0.020
Species
Streptococcus anginosus
Streptococcus anginosus_C
CRISPR
a crispr_negative
a crispr_positive


Phocaeicola dorei
0.000
0.004
0.008
0.012
Species
Phocaeicola dorei
CRISPR
a crispr_negative
a crispr_positive


Limosilactobacillus reuteri
Limosilactobacillus reuteri_E
Limosilactobacillus reuteri
Limosilactobacillus reuteri_F
Limosilactobacillus reuteri_D
0.000
0.002
0.004
0.006
0.008
Species
Limosilactobacillus reuteri
Limosilactobacillus reuteri_D
Limosilactobacillus reuteri_E
Limosilactobacillus reuteri_F
CRISPR
a crispr_negative
a crispr_positive


Campylobacter lari
Campylobacter_D lari
Campylobacter_D concheus
Campylobacter_D jejuni_C
Campylobacter_D lari_C
Campylobacter_D lari_D
0.00
0.01
0.02
0.03
0.04
Species
Campylobacter_D concheus
Campylobacter_D jejuni_C
Campylobacter_D lari
Campylobacter_D lari_C
Campylobacter_D lari_D
CRISPR
a crisprnegative
a crisprpositive



Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
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Bacteroides thetaiotaomicron
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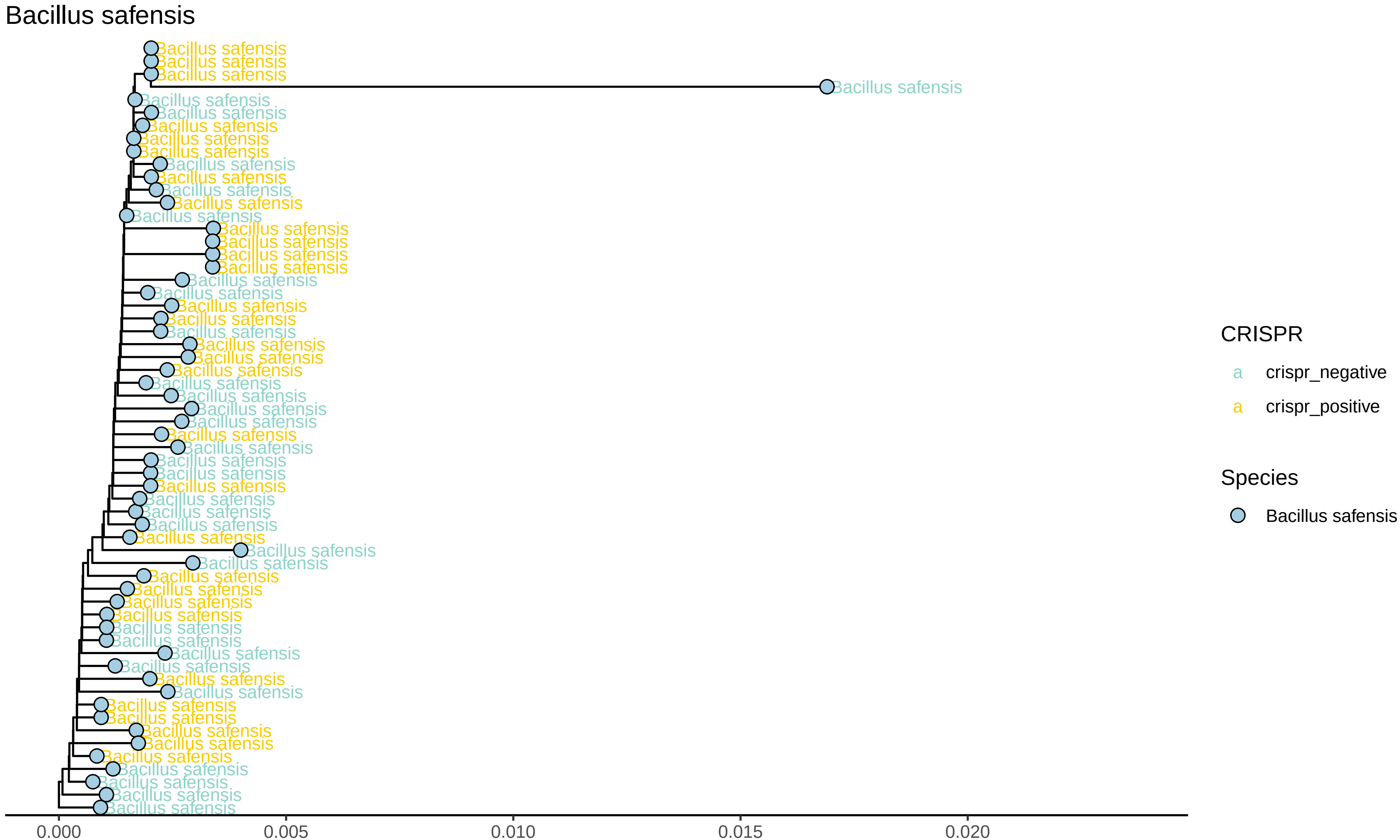
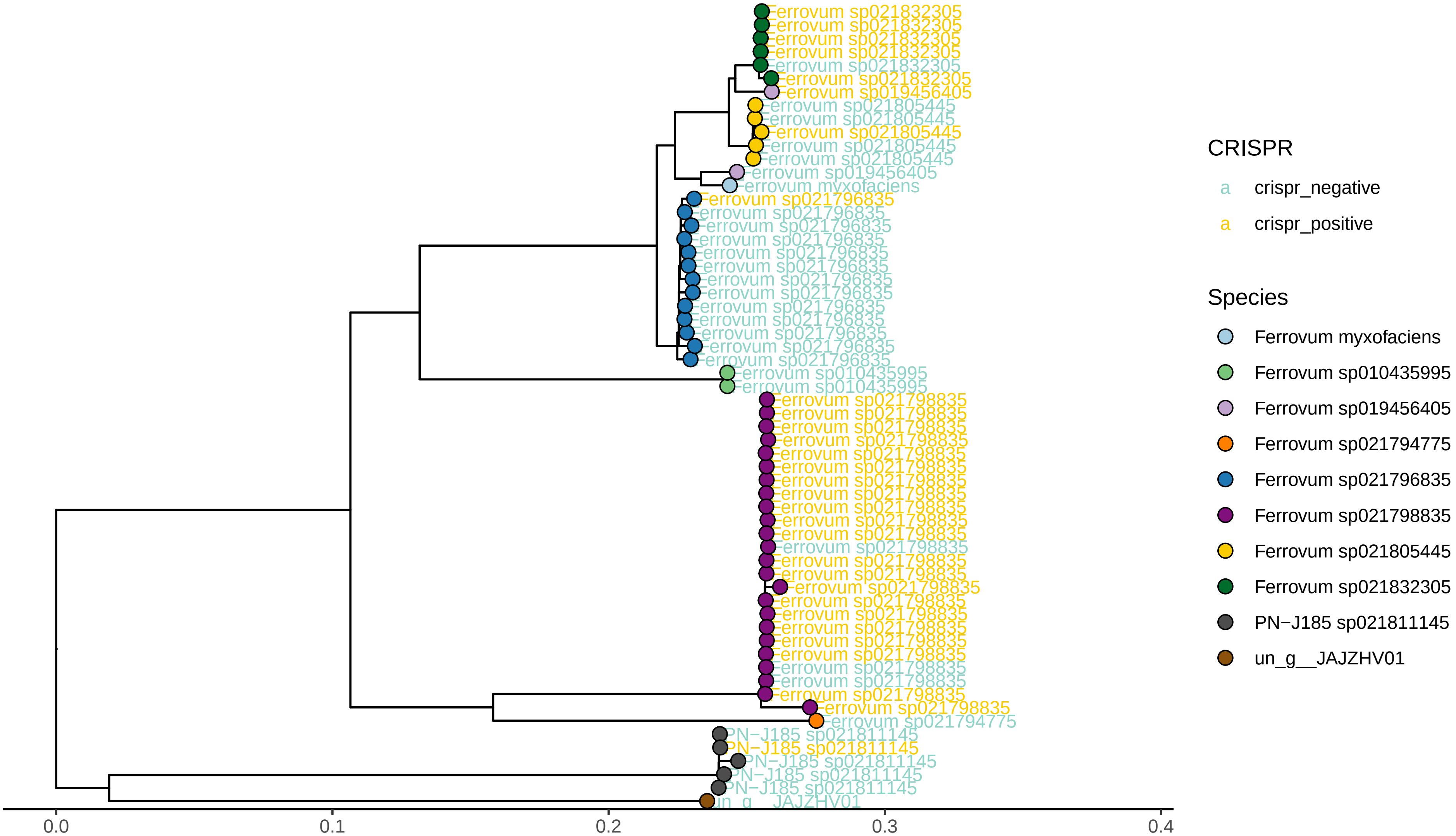
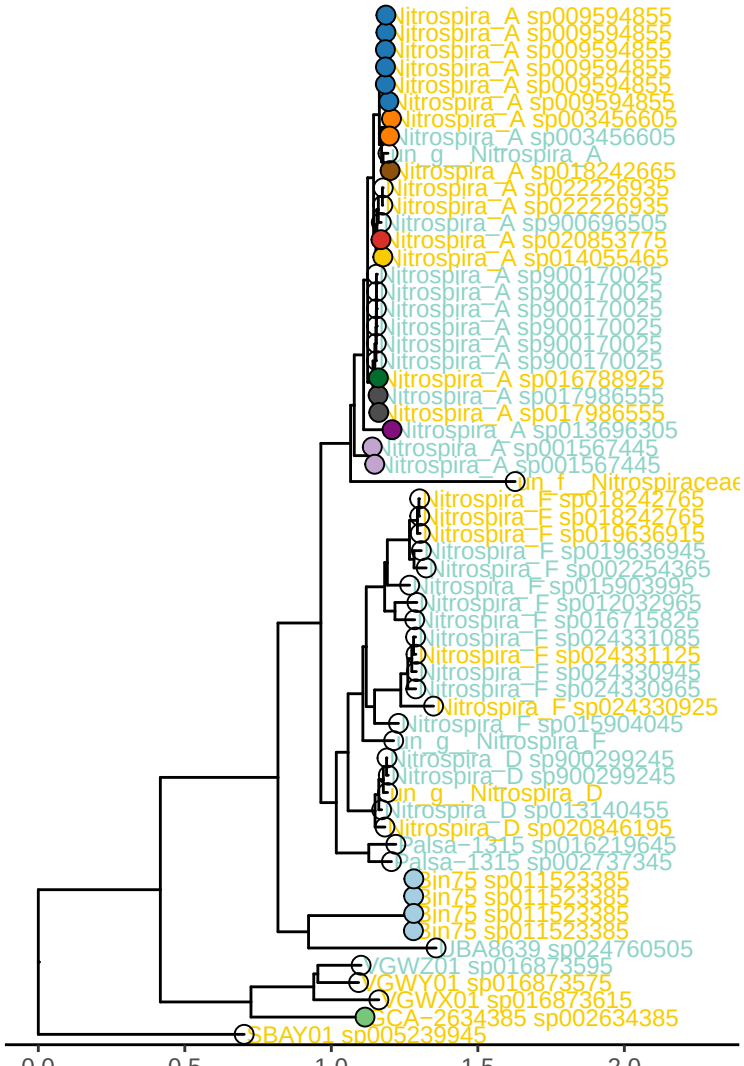
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
Bacteroides thetaiotaomicron
0.000
0.002
0.004
0.006
CRISPR
a crispr_negative
a crispr_positive
Species
Bacteroides thetaiotaomicron


Bacillus safensis
CRISPR
crispr_negative
crispr_positive
Species
Bacillus safensis
0.000
0.005
0.010
0.015
0.020

Ferrovum sp.


CRISPR
a crispr_negative
a crispr_positive
Species
Ferrovum myxofaciens
Ferrovum sp010435995
Ferrovum sp019456405
Ferrovum sp021794775
Ferrovum sp021796835
Ferrovum sp021798835
Ferrovum sp021805445
Ferrovum sp021832305
PN−J185 sp021811145
un_g__JAJZHV01
0.0
0.1
0.2
0.3
0.4

Nitrospira sp.



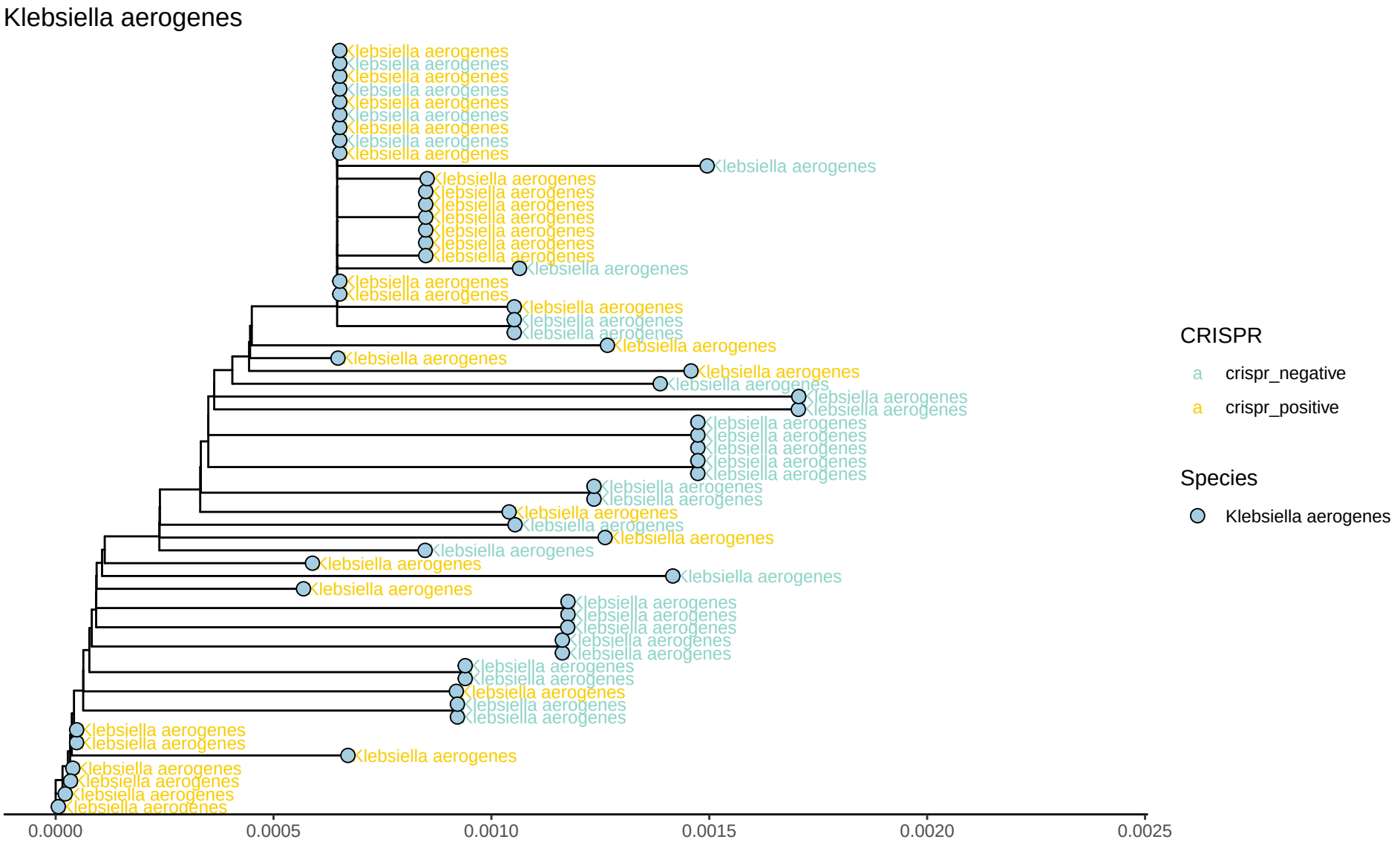
CRISPR

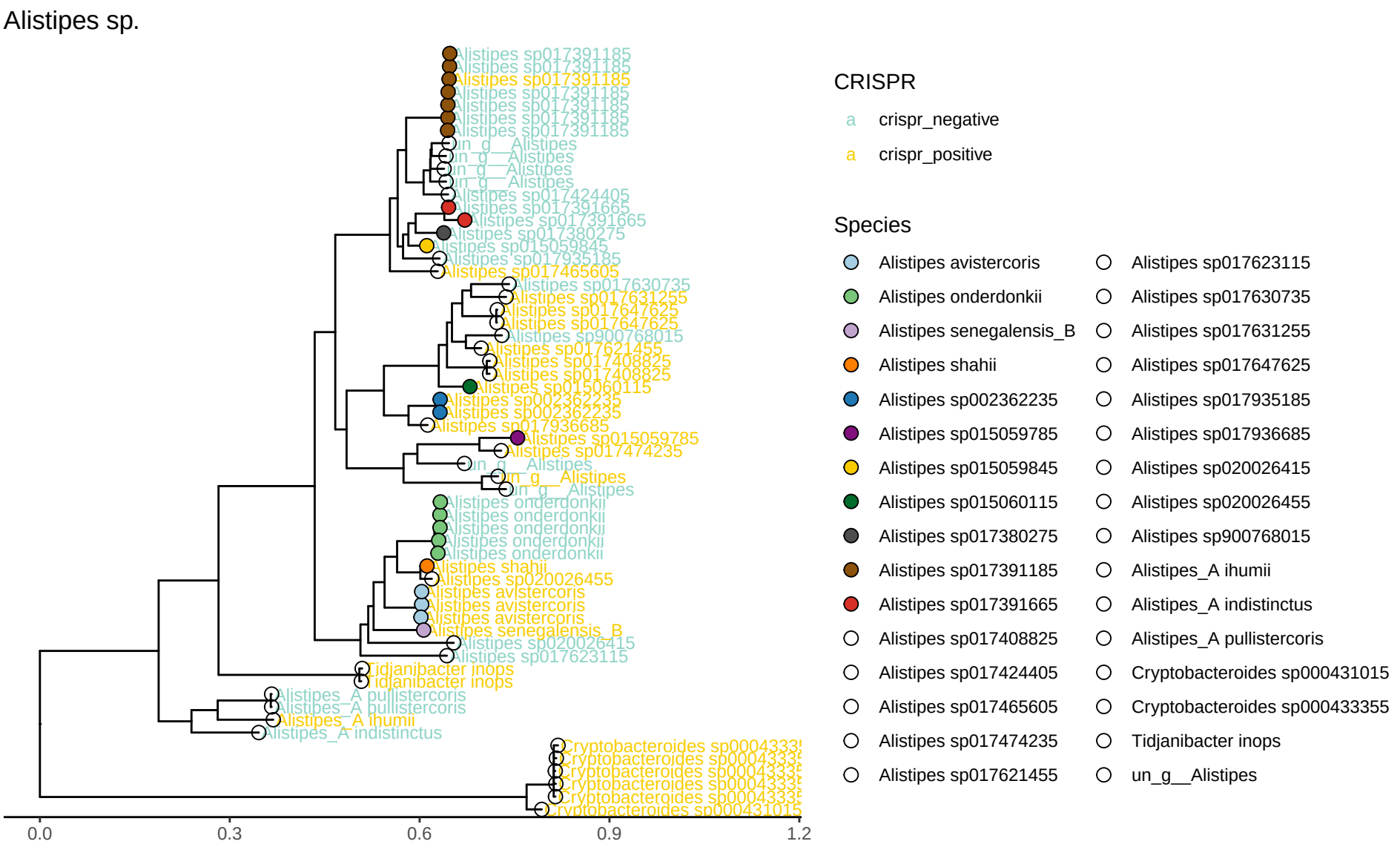
a crisprnegative

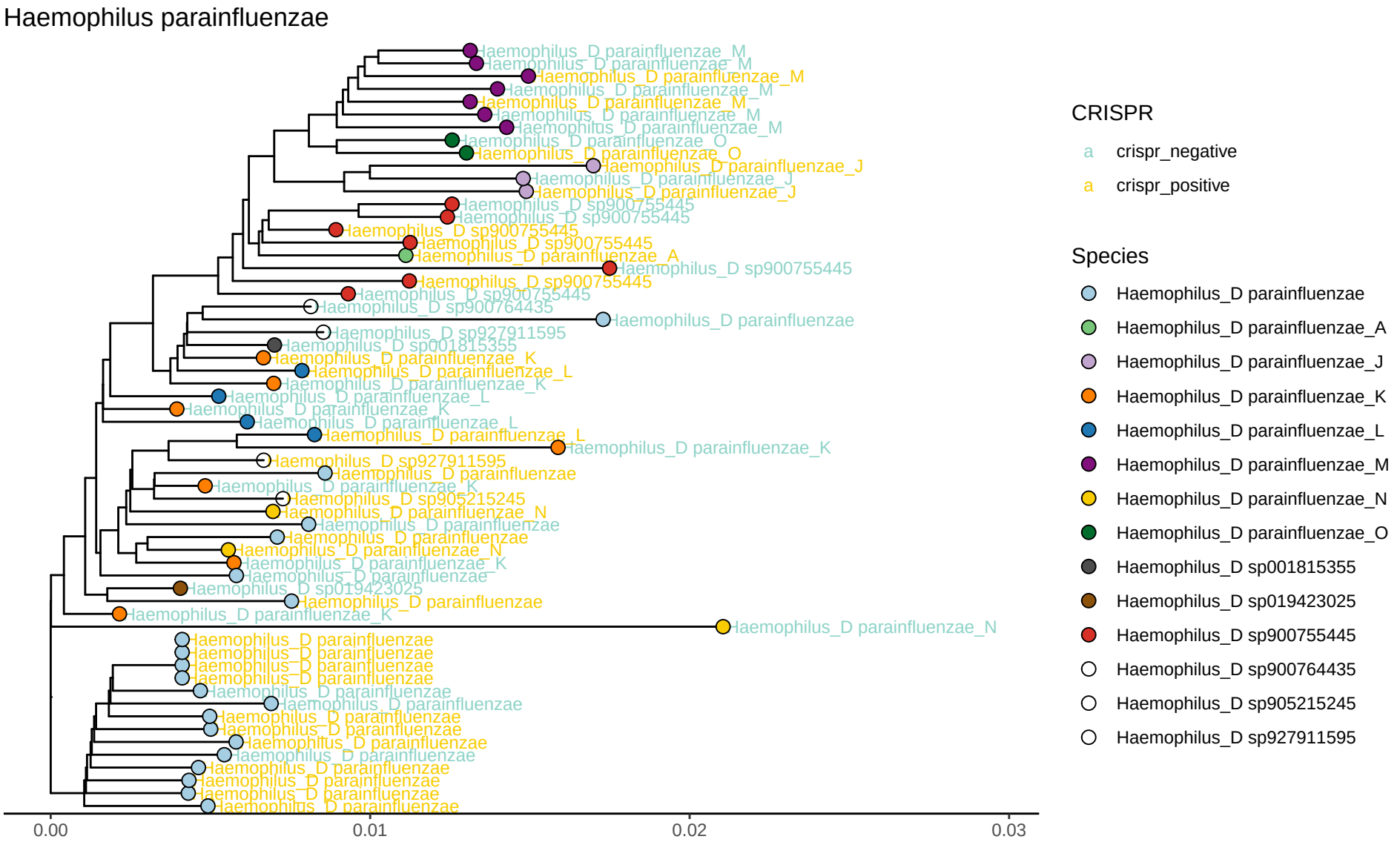
a crisprpositive

Species

Bin75 sp011523385	Nitrospira_D sp013140455	Nitrospira_F sp024331085
GCA−2634385 sp002634385	Nitrospira_D sp020846195	Nitrospira_F sp024331125
Nitrospira_A sp001567445	Nitrospira_D sp900299245	Palsa−1315 sp002737345
Nitrospira_A sp003456605	Nitrospira_F sp002254365	Palsa−1315 sp016219645
Nitrospira_A sp009594855	Nitrospira_F sp012032965	SBAY01 sp005239945
Nitrospira_A sp013696305	Nitrospira_F sp015903995	UBA8639 sp024760505
Nitrospira_A sp014055465	Nitrospira_F sp015904045	un_f__Nitrospiraceae
Nitrospira_A sp016788925	Nitrospira_F sp016715825	un_g__Nitrospira_A
Nitrospira_A sp017986555	Nitrospira_F sp018242765	un_g__Nitrospira_D
Nitrospira_A sp018242665	Nitrospira_F sp019636915	un_g__Nitrospira_F
Nitrospira_A sp020853775	Nitrospira_F sp019636945	VGWX01 sp016873615
Nitrospira_A sp022226935	Nitrospira_F sp024330925	VGWY01 sp016873575
Nitrospira_A sp900170025	Nitrospira_F sp024330945	VGWZ01 sp016873595
Nitrospira_A sp900696505	Nitrospira_F sp024330965	


Klebsiella aerogenes
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
CRISPR
a crispr_negative
a crispr_positive
Species
Klebsiella aerogenes


Alistipes sp.
Alistipes sp017391185
Alistipes sp017391185
Alistipes sp017391185
Alistipes sp017391185
Alistipes sp017391185
Alistipes sp017391185
Alistipes sp017391185
un_g__Alistipes
un_g__Alistipes
un_g__Alistipes
un_g__Alistipes
Alistipes sp017424405
Alistipes sp017391665
Alistipes sp017391665
Alistipes sp017380275
Alistipes sp015059845
Alistipes sp017935185
Alistipes sp017465605
Alistipes sp017630735
Alistipes sp017631255
Alistipes sp017647625
Alistipes sp017647625
Alistipes sp900768015
Alistipes sp017621455
Alistipes sp017408825
Alistipes sp017408825
Alistipes sp015060115
Alistipes sp002362235
Alistipes sp002362235
Alistipes sp017936685
Alistipes sp015059785
Alistipes sp017474235
un_g__Alistipes
un_g__Alistipes
un_g__Alistipes
Alistipes onderdonkii
Alistipes onderdonkii
Alistipes onderdonkii
Alistipes onderdonkii
Alistipes onderdonkii
Alistipes shahii
Alistipes sp020026455
Alistipes avistercoris
Alistipes avistercoris
Alistipes avistercoris
Alistipes senegalensis_B
Alistipes sp020026415
Alistipes sp017623115
Tidjanibacter inops
Tidjanibacter inops
Alistipes_A pullistercoris
Alistipes_A pullistercoris
Alistipes_A ihumii
Alistipes_A indistinctus
Cryptobacteroides sp000433
Cryptobacteroides sp000433
Cryptobacteroides sp000433
Cryptobacteroides sp000433
Cryptobacteroides sp000433
Cryptobacteroides sp000431015
0.0
0.3
0.6
0.9
1.2
CRISPR
a crispr_negative
a crispr_positive
Species
Alistipes avistercoris
Alistipes onderdonkii
Alistipes senegalensis_B
Alistipes shahii
Alistipes sp002362235
Alistipes sp015059785
Alistipes sp015059845
Alistipes sp015060115
Alistipes sp017380275
Alistipes sp017391185
Alistipes sp017391665
Alistipes sp017408825
Alistipes sp017424405
Alistipes sp017465605
Alistipes sp017474235
Alistipes sp017621455
Alistipes sp017623115
Alistipes sp017630735
Alistipes sp017631255
Alistipes sp017647625
Alistipes sp017935185
Alistipes sp017936685
Alistipes sp020026415
Alistipes sp020026455
Alistipes sp900768015
Alistipes_A ihumii
Alistipes_A indistinctus
Alistipes_A pullistercoris
Cryptobacteroides sp000431015
Cryptobacteroides sp000433355
Tidjanibacter inops
un_g__Alistipes


Haemophilus parainfluenzae
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_O
Haemophilus_D parainfluenzae_O
Haemophilus_D parainfluenzae_J
Haemophilus_D parainfluenzae_J
Haemophilus_D parainfluenzae_J
Haemophilus_D sp900755445
Haemophilus_D sp900755445
Haemophilus_D sp900755445
Haemophilus_D sp900755445
Haemophilus_D parainfluenzae_A
Haemophilus_D sp900755445
Haemophilus_D sp900755445
Haemophilus_D sp900755445
Haemophilus_D sp900764435
Haemophilus_D parainfluenzae
Haemophilus_D sp927911595
Haemophilus_D sp001815355
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae_L
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae_L
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae_L
Haemophilus_D parainfluenzae_L
Haemophilus_D parainfluenzae_K
Haemophilus_D sp927911595
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae_K
Haemophilus_D sp905215245
Haemophilus_D parainfluenzae_N
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae_N
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae
Haemophilus_D sp019423025
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae_N
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
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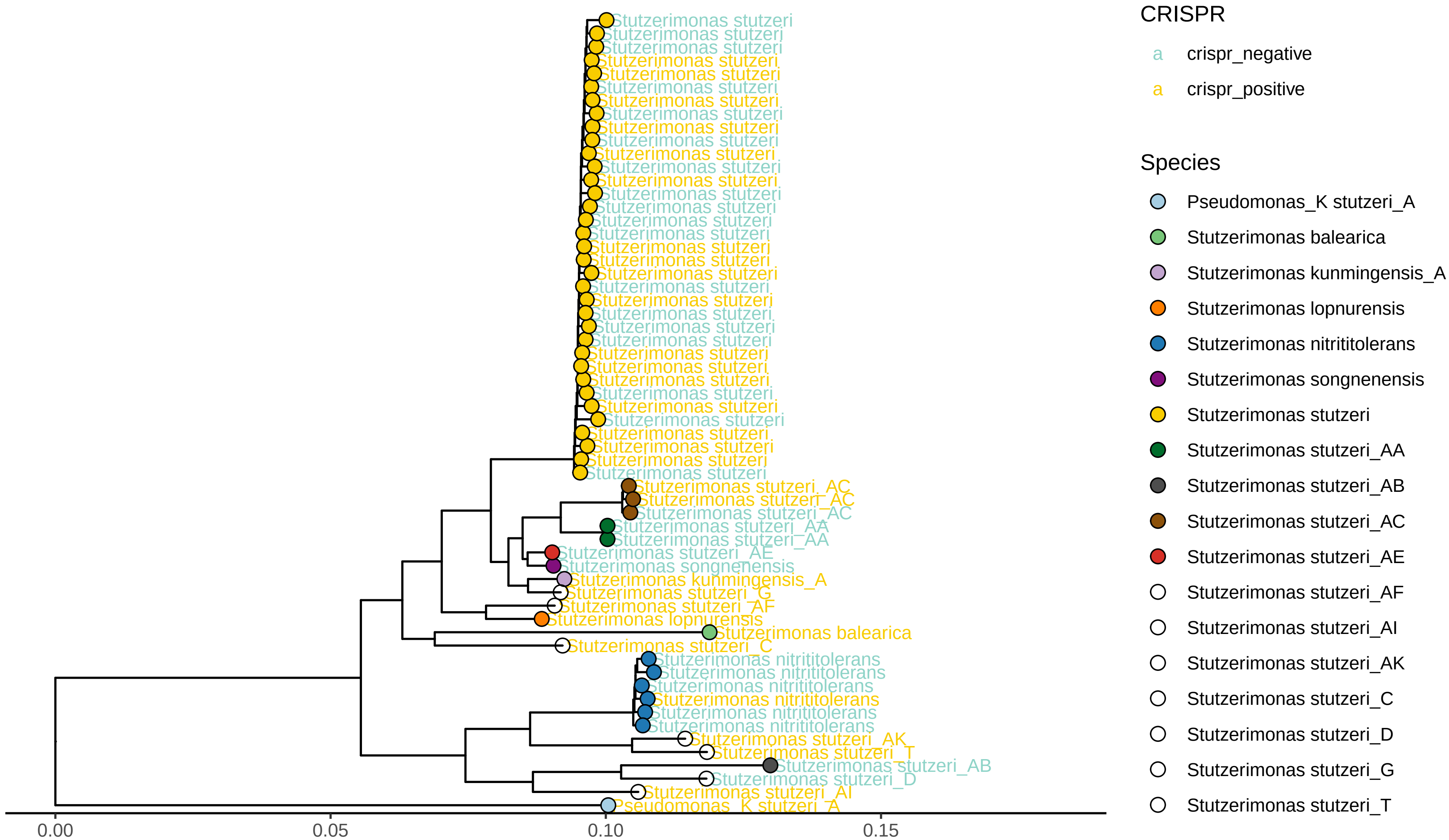
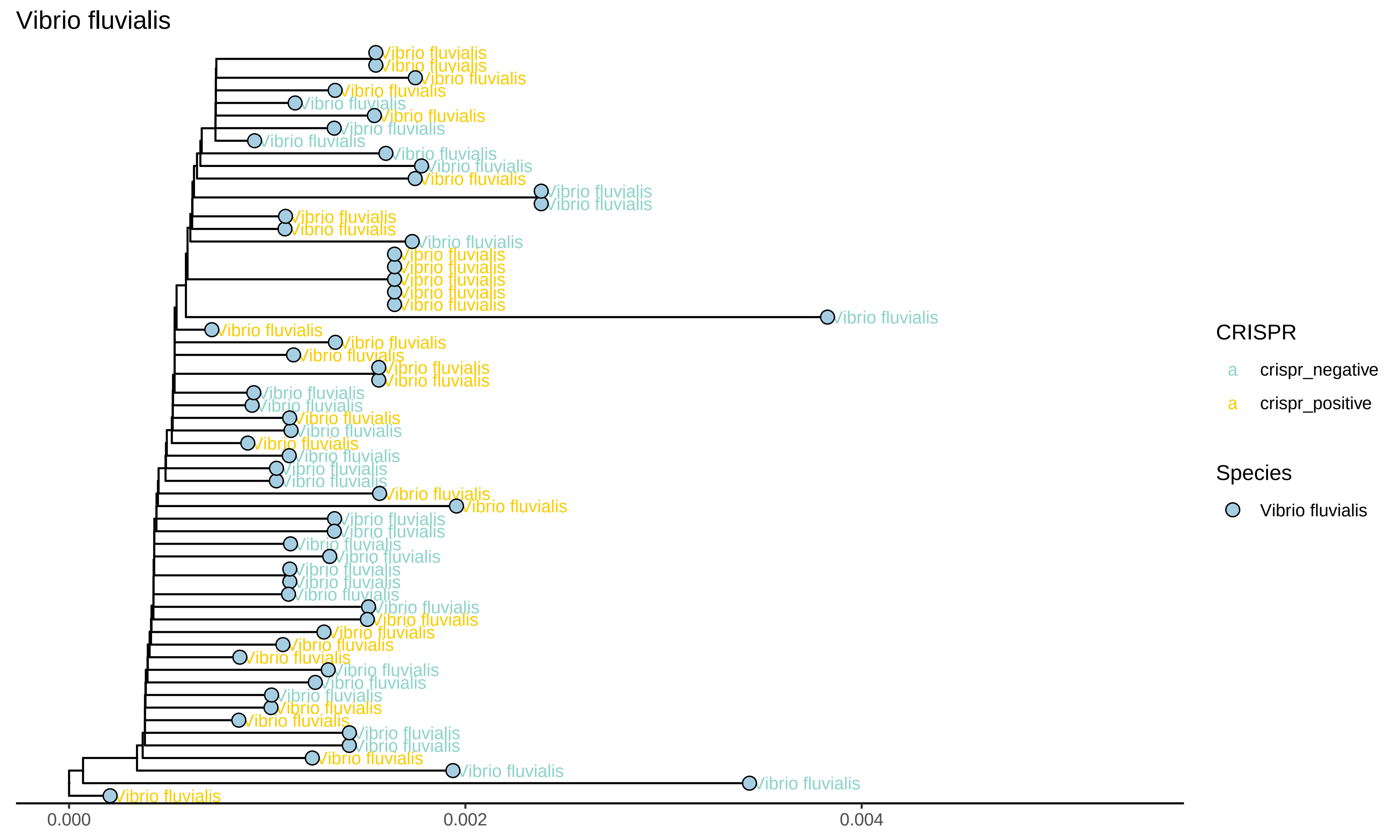
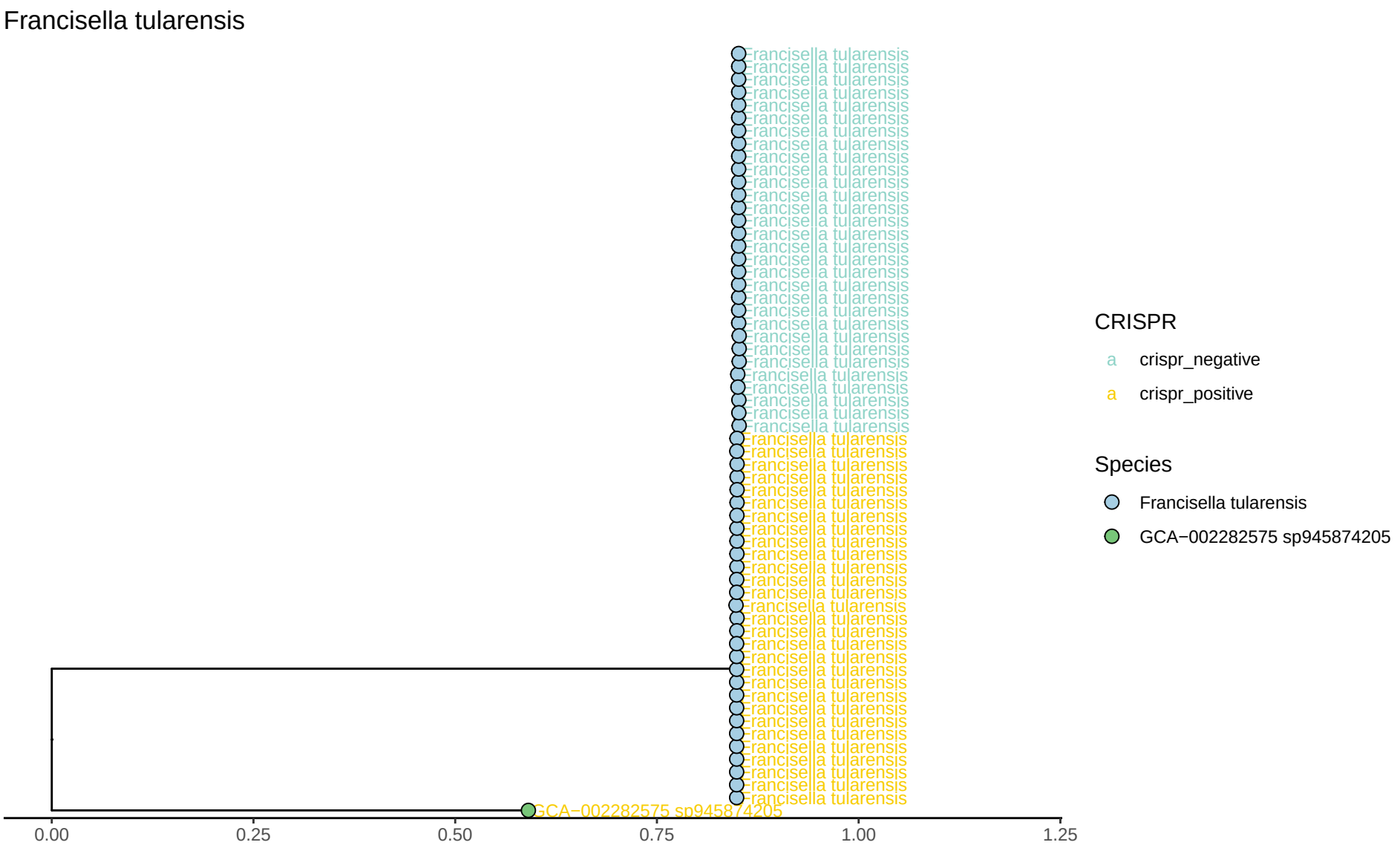
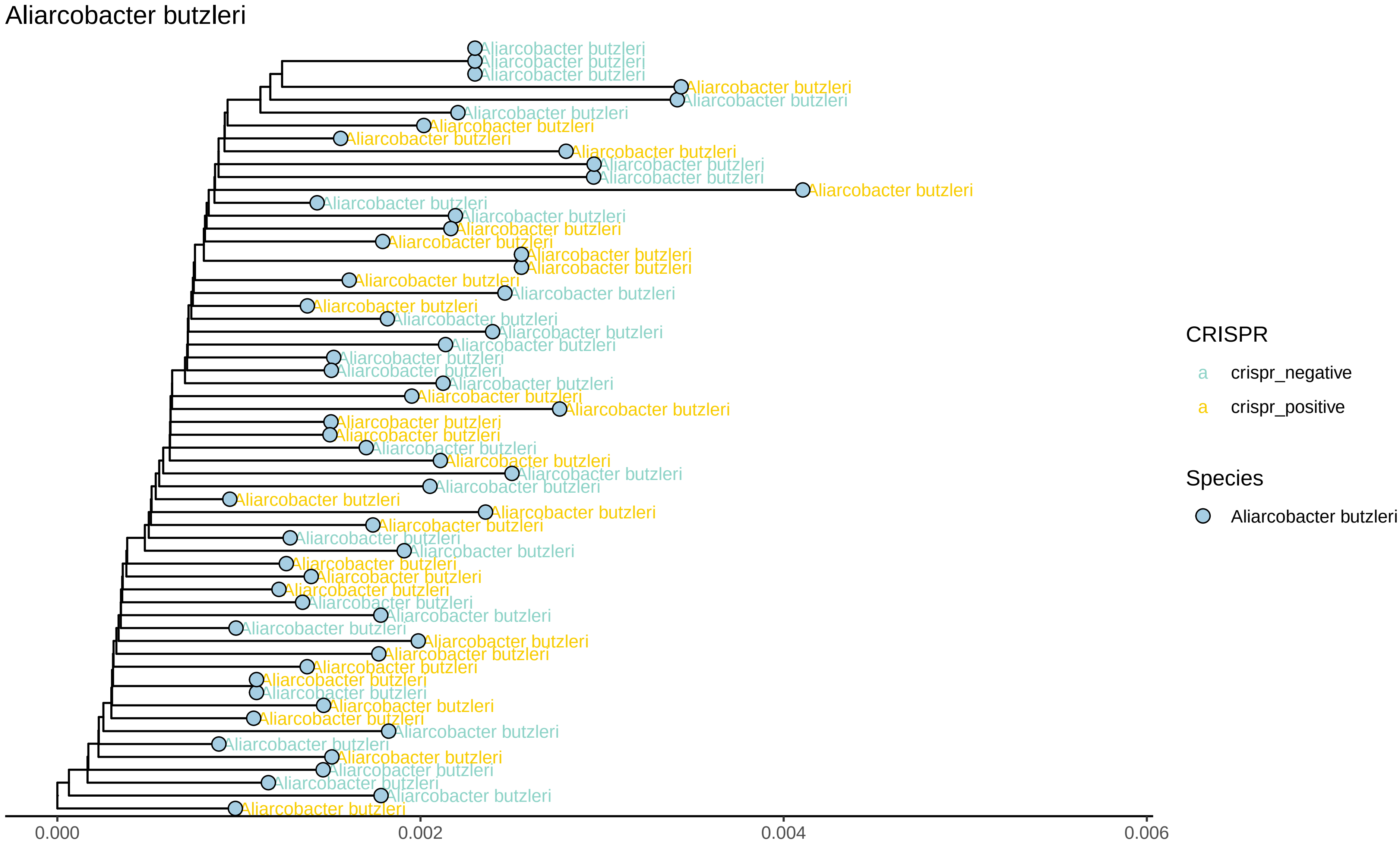
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae
0.00
0.01
0.02
0.03
CRISPR
a crispr_negative
a crispr_positive
Species
Haemophilus_D parainfluenzae
Haemophilus_D parainfluenzae_A
Haemophilus_D parainfluenzae_J
Haemophilus_D parainfluenzae_K
Haemophilus_D parainfluenzae_L
Haemophilus_D parainfluenzae_M
Haemophilus_D parainfluenzae_N
Haemophilus_D parainfluenzae_O
Haemophilus_D sp001815355
Haemophilus_D sp019423025
Haemophilus_D sp900755445
Haemophilus_D sp900764435
Haemophilus_D sp905215245
Haemophilus_D sp927911595

Stutzerimonas stutzeri




Vibrio fluvialis
CRISPR
crispr_negative
crispr_positive
Species
Vibrio fluvialis
0.000
0.002
0.004


Francisella tularensis
Francisella tularensis
GCA−002282575 sp945874205
0.00
0.25
0.50
0.75
1.00
1.25
CRISPR
a crispr_negative
a crispr_positive
Species
Francisella tularensis
GCA−002282575 sp945874205


Aliarcobacter butzleri
CRISPR
crispr_negative
crispr_positive
Species
Aliarcobacter butzleri
0.000
0.002
0.004
0.006

Bacillus pumilus