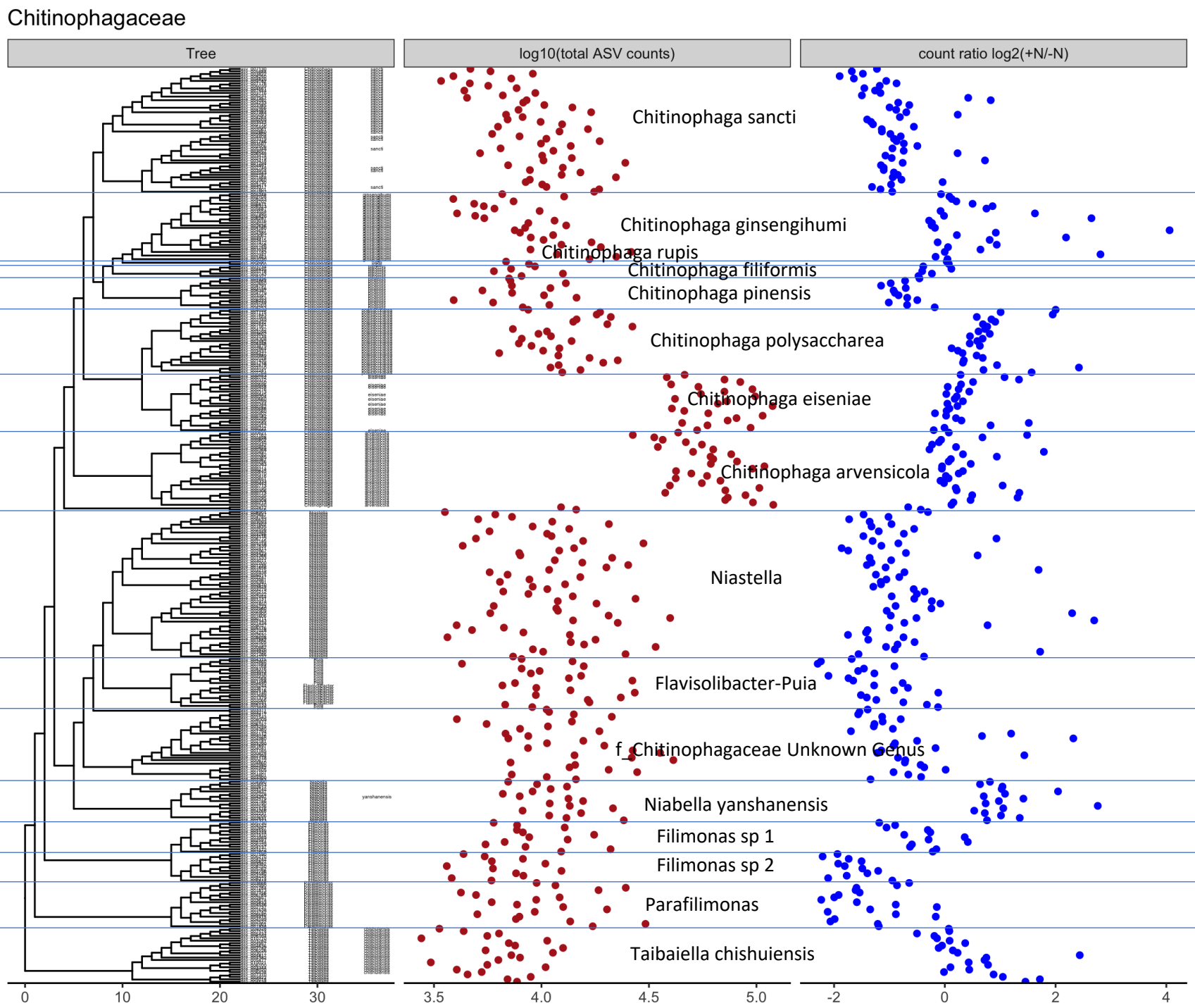
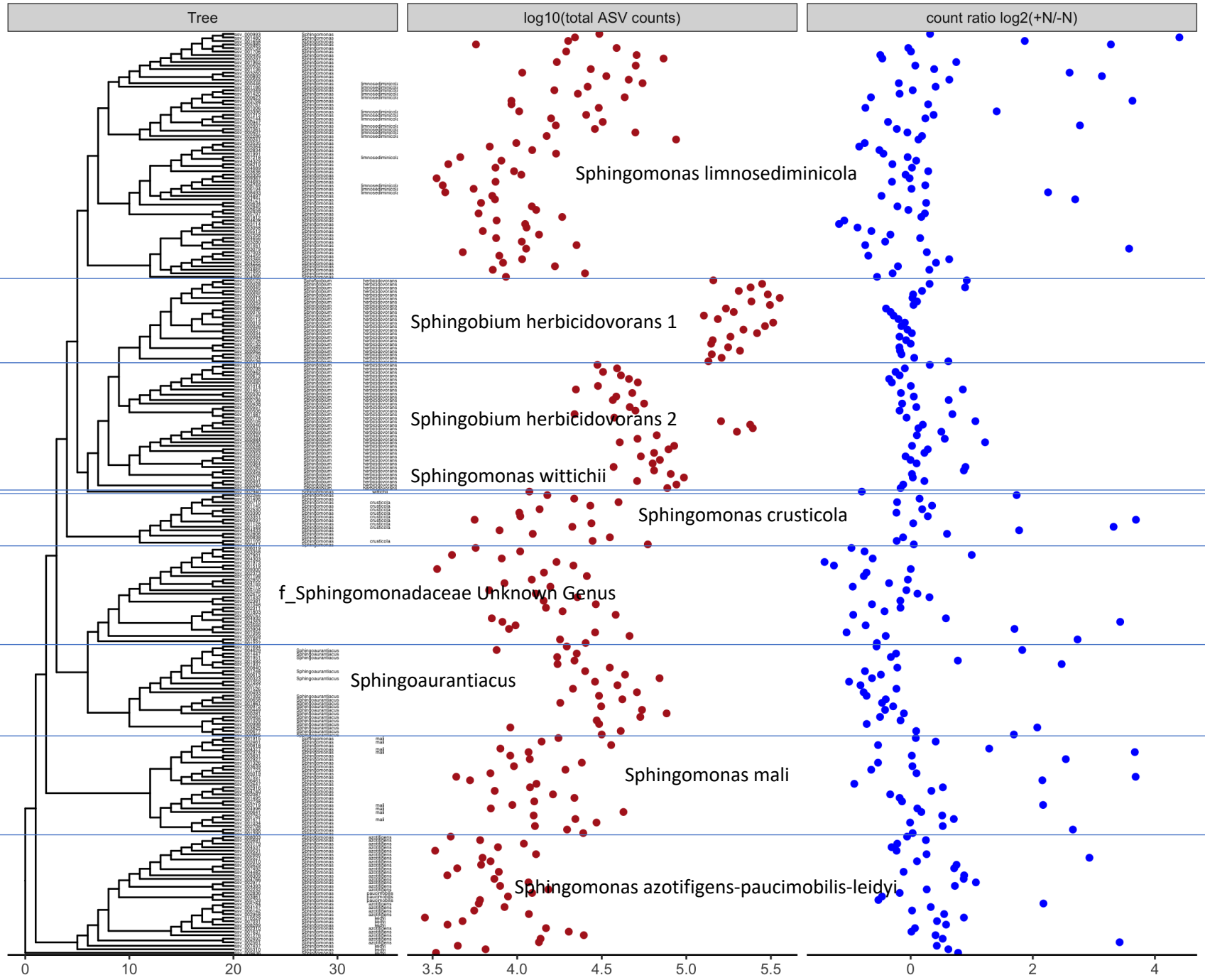
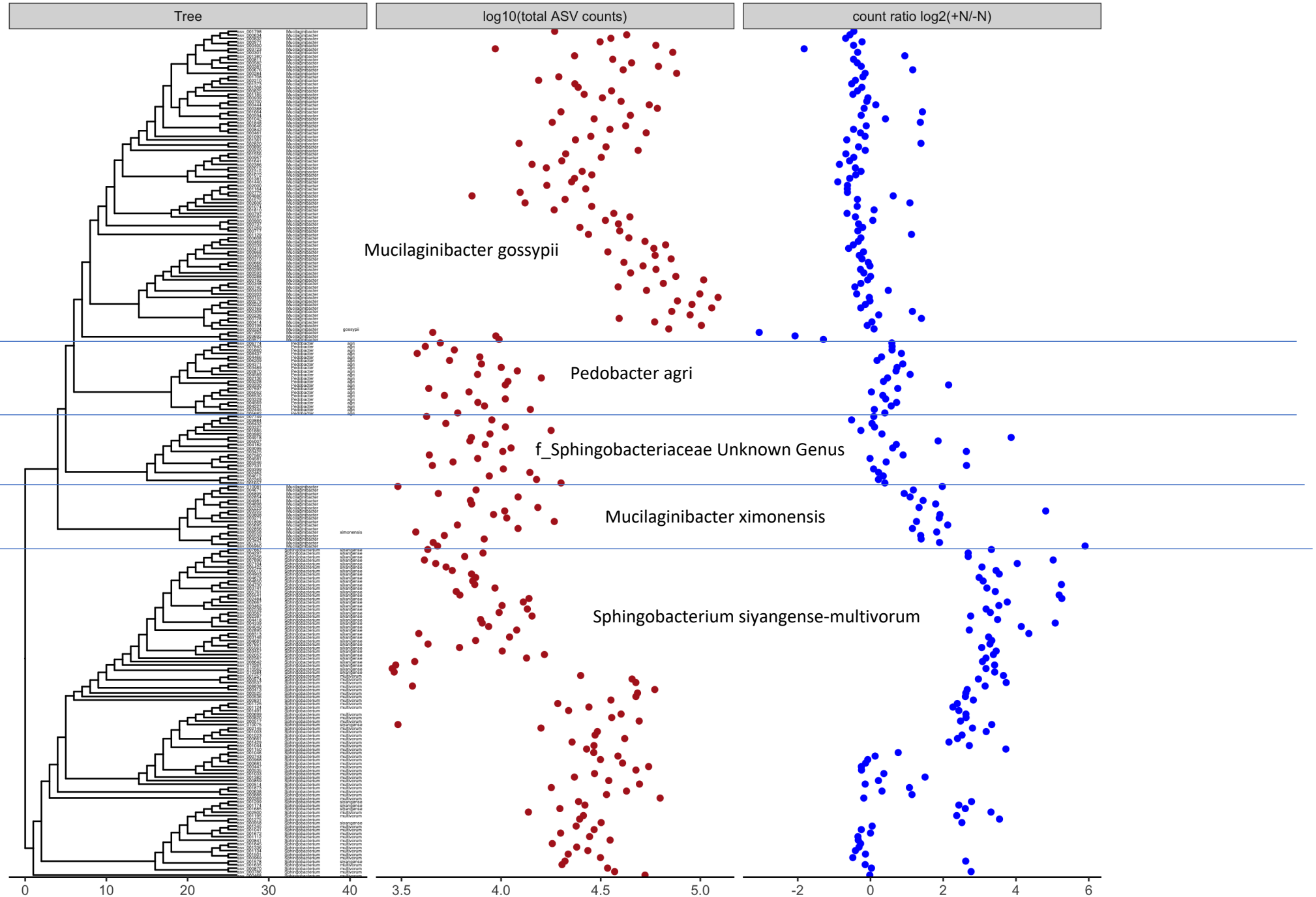

Chitinophagaceae
Tree
log10(total ASV counts)
count ratio log2(+N/-N)
Chitinophaga sancti
Chitinophaga ginsengihumi
Chitinophaga rupis
Chitinophaga filiformis
Chitinophaga pinensis
Chitinophaga polysaccharea
Chitinophaga eiseniae
Chitinophaga arvensicola
Niastella
Flavisolibacter-Puia
f_Chitinophagaceae Unknown Genus
Niabella yanshanensis
Filimonas sp 1
Filimonas sp 2
Parafilimonas
Taibaiella chishuiensis
0
10
20
30
3.5
4.0
4.5
5.0
-2
0
2
4

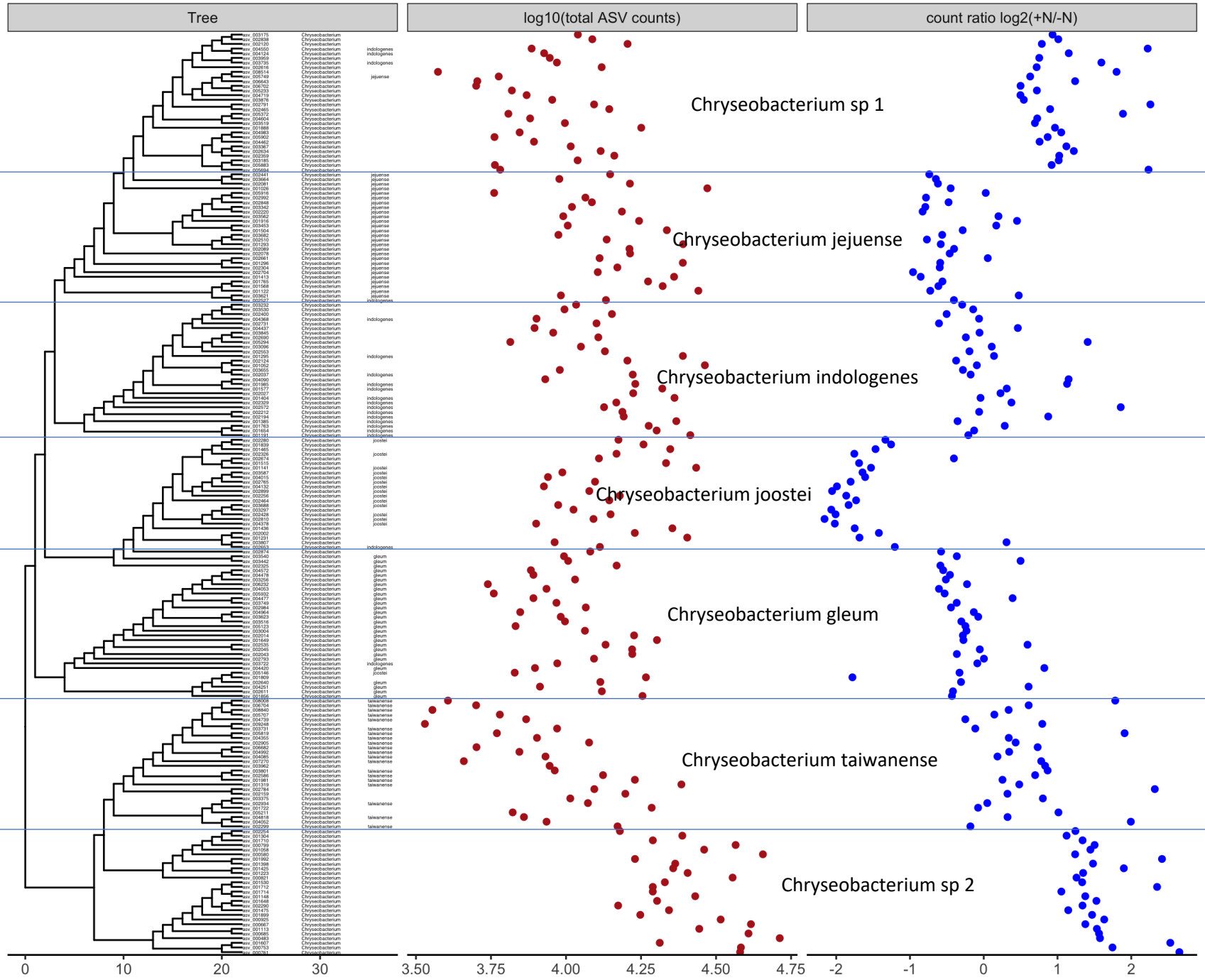
Sphingomonadaceae



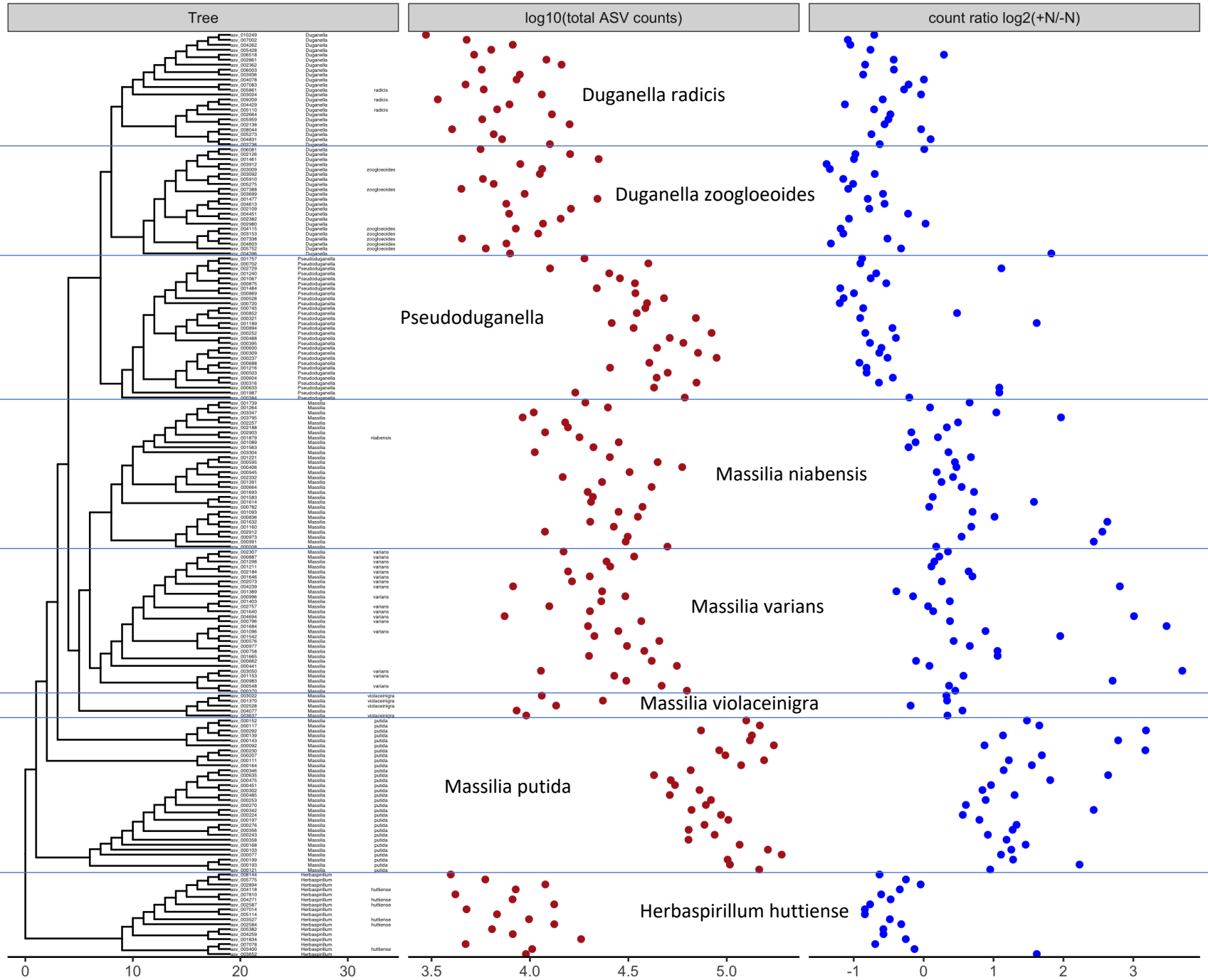
Sphingobacteriaceae



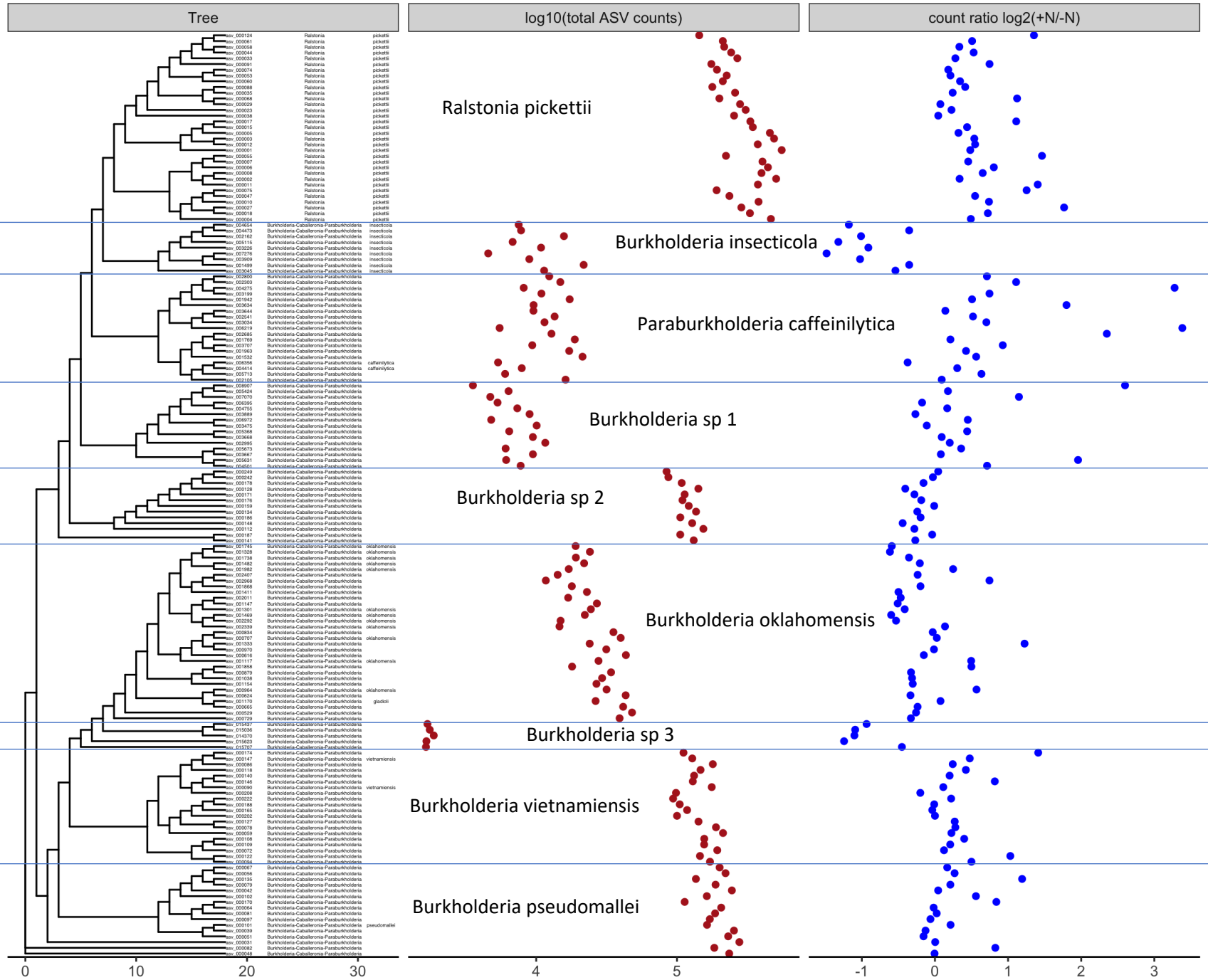
Weeksellaceae



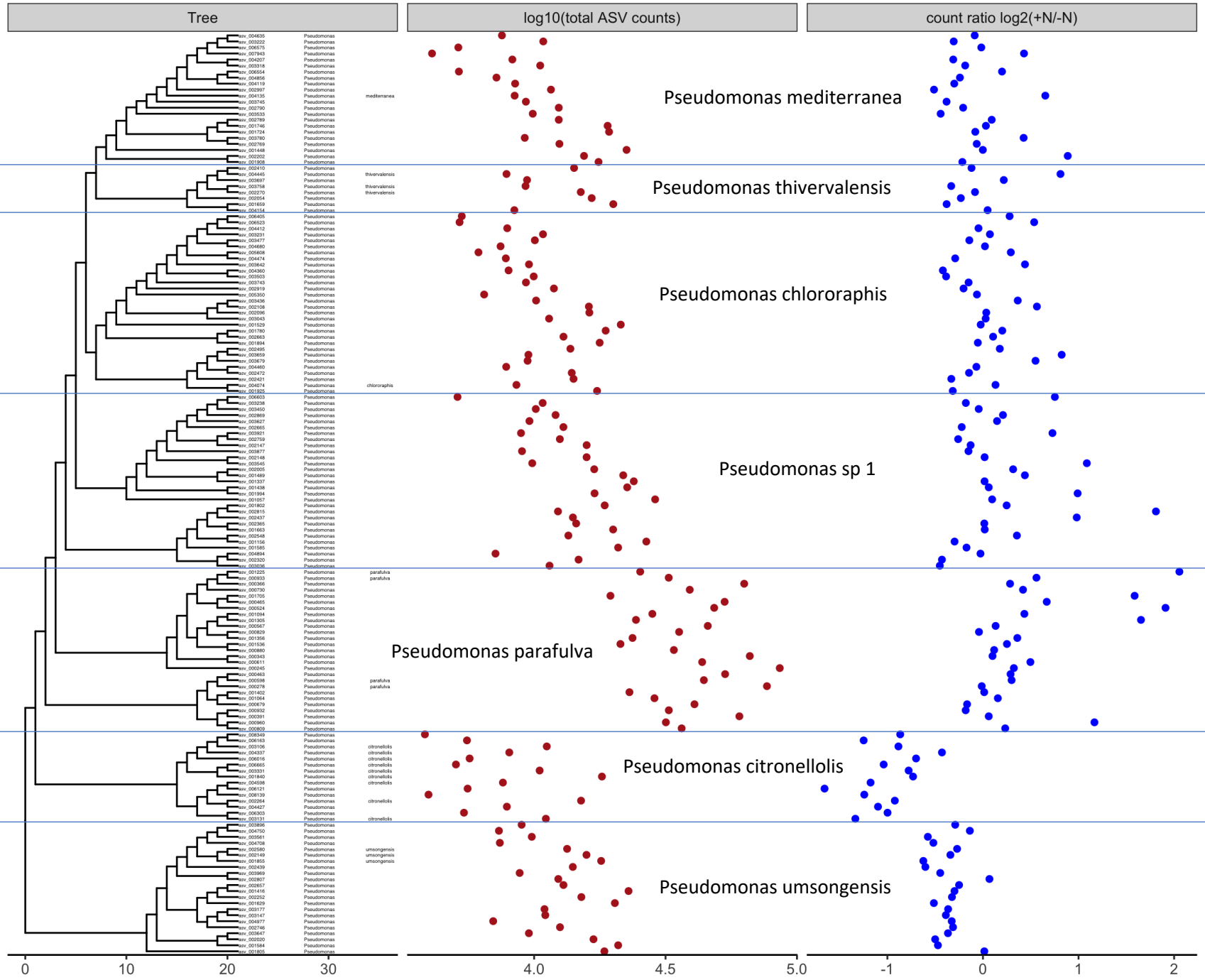
Oxalobacteraceae



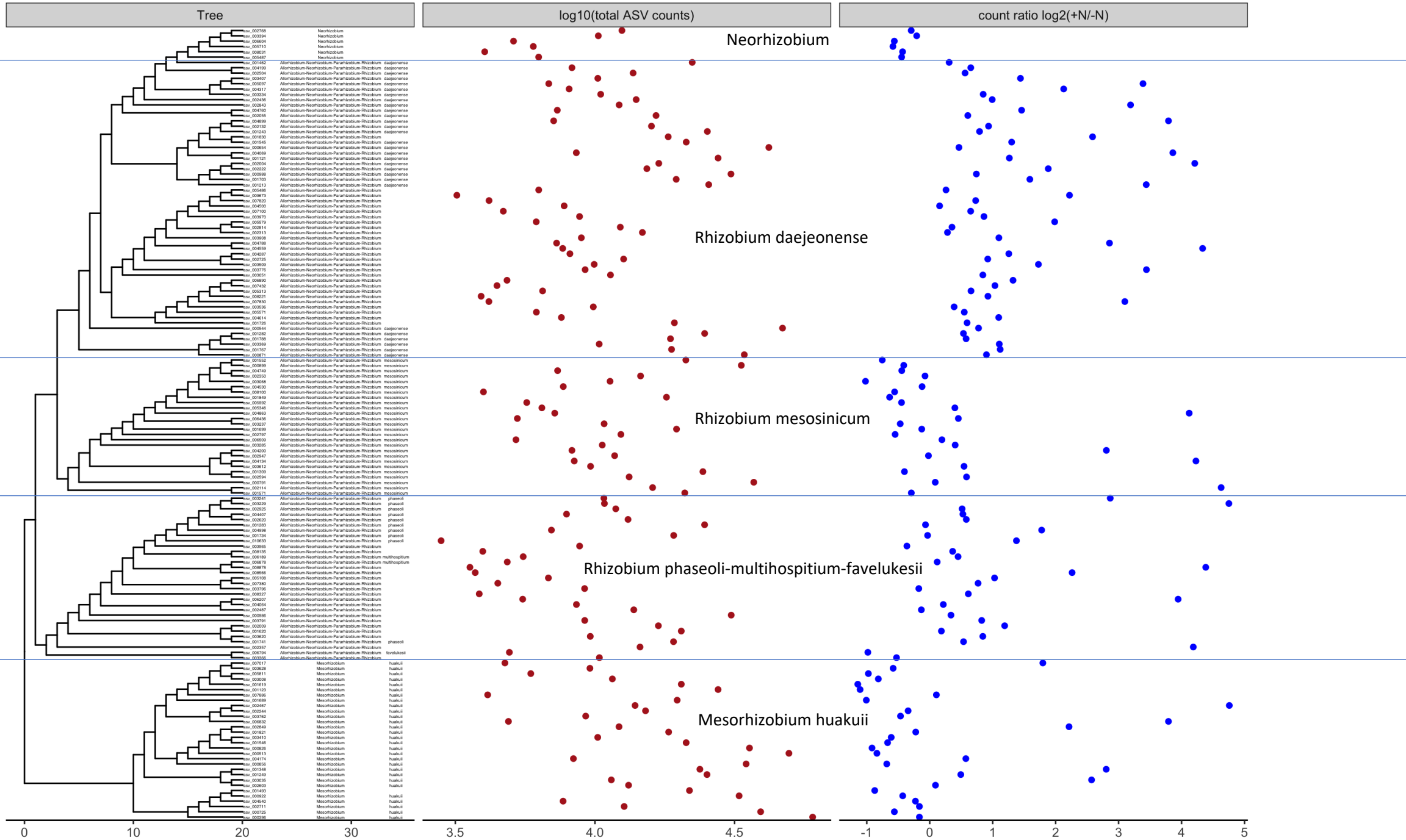
Burkholderiaceae



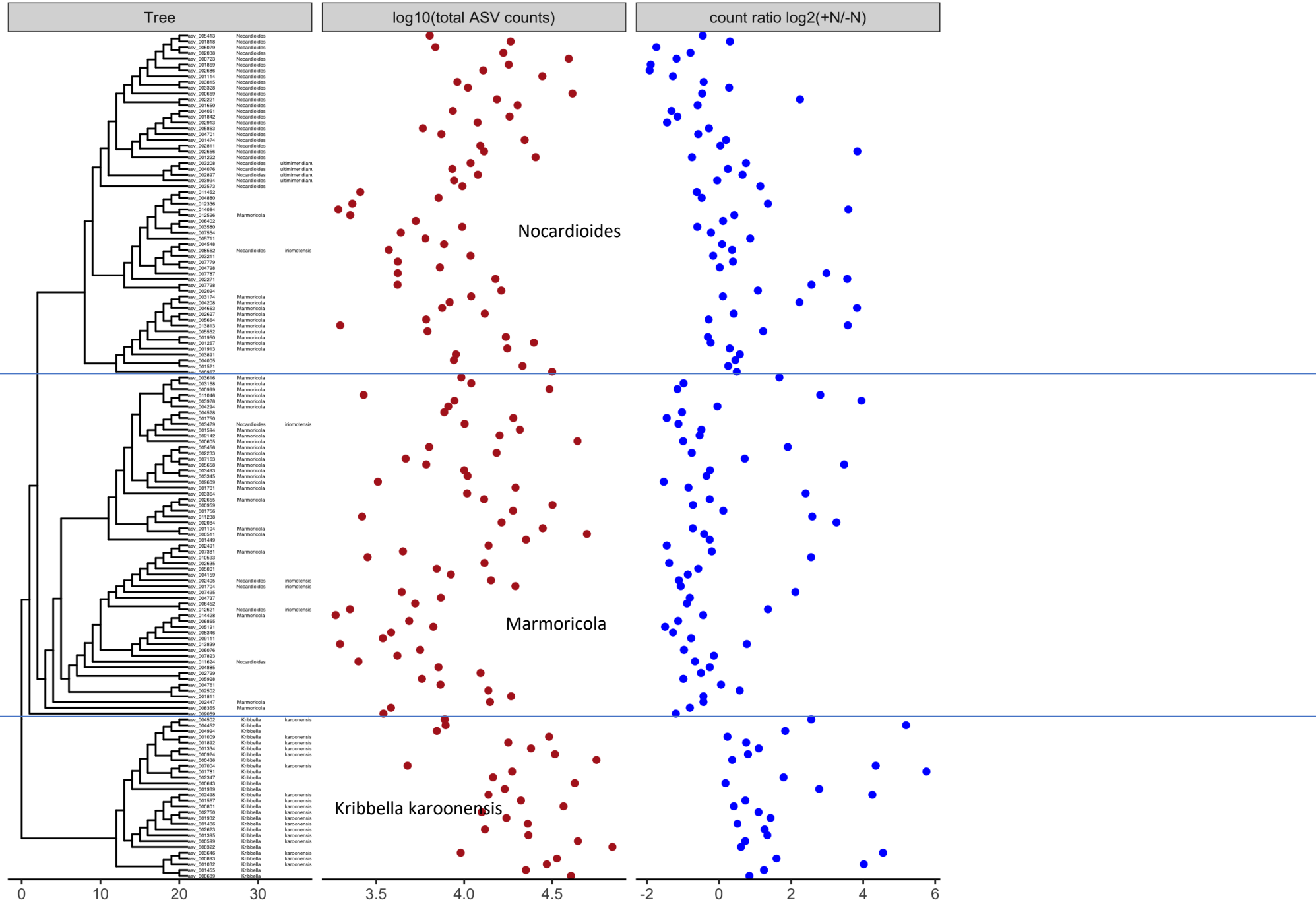
Pseudomonadaceae



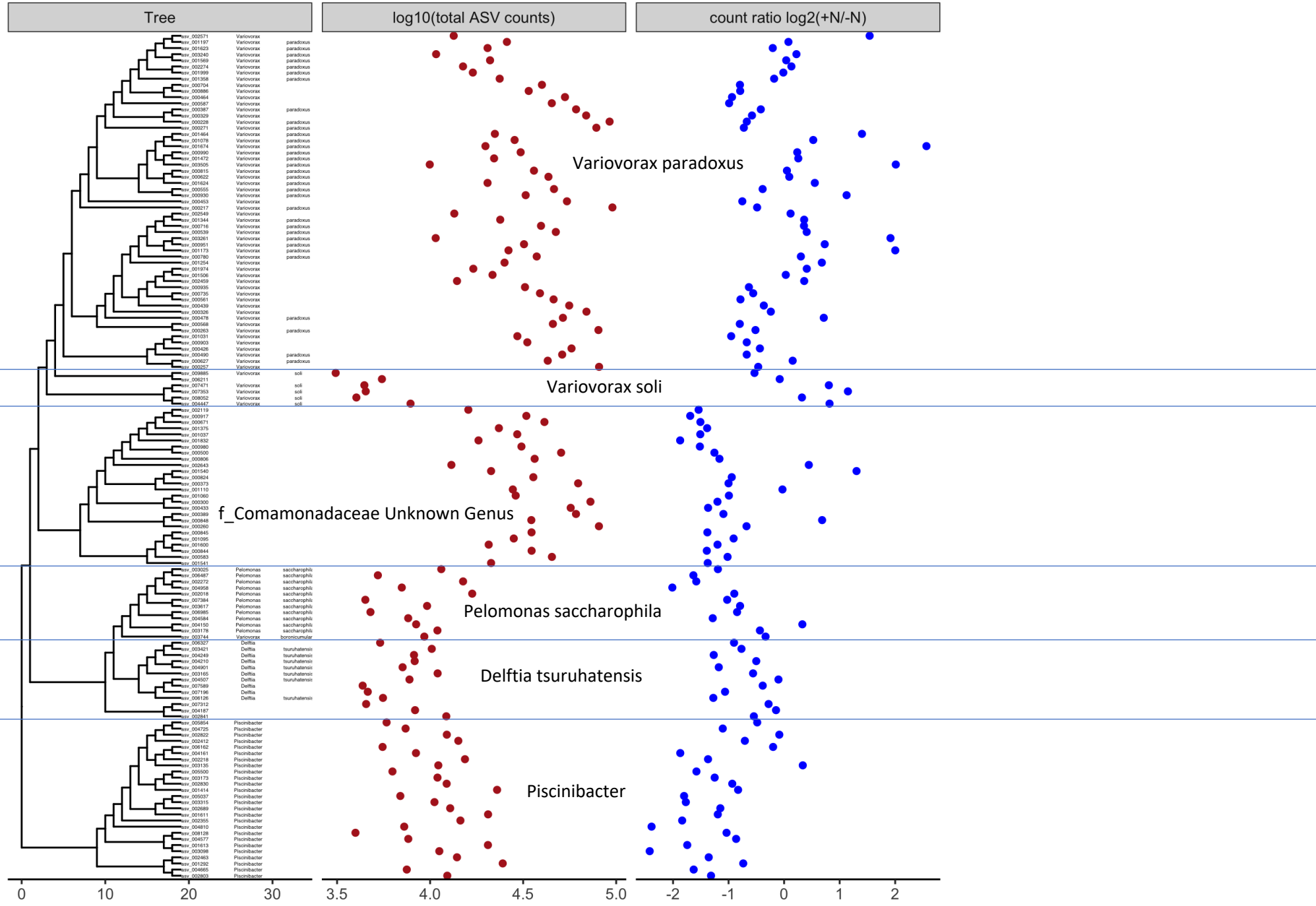
Rhizobiaceae



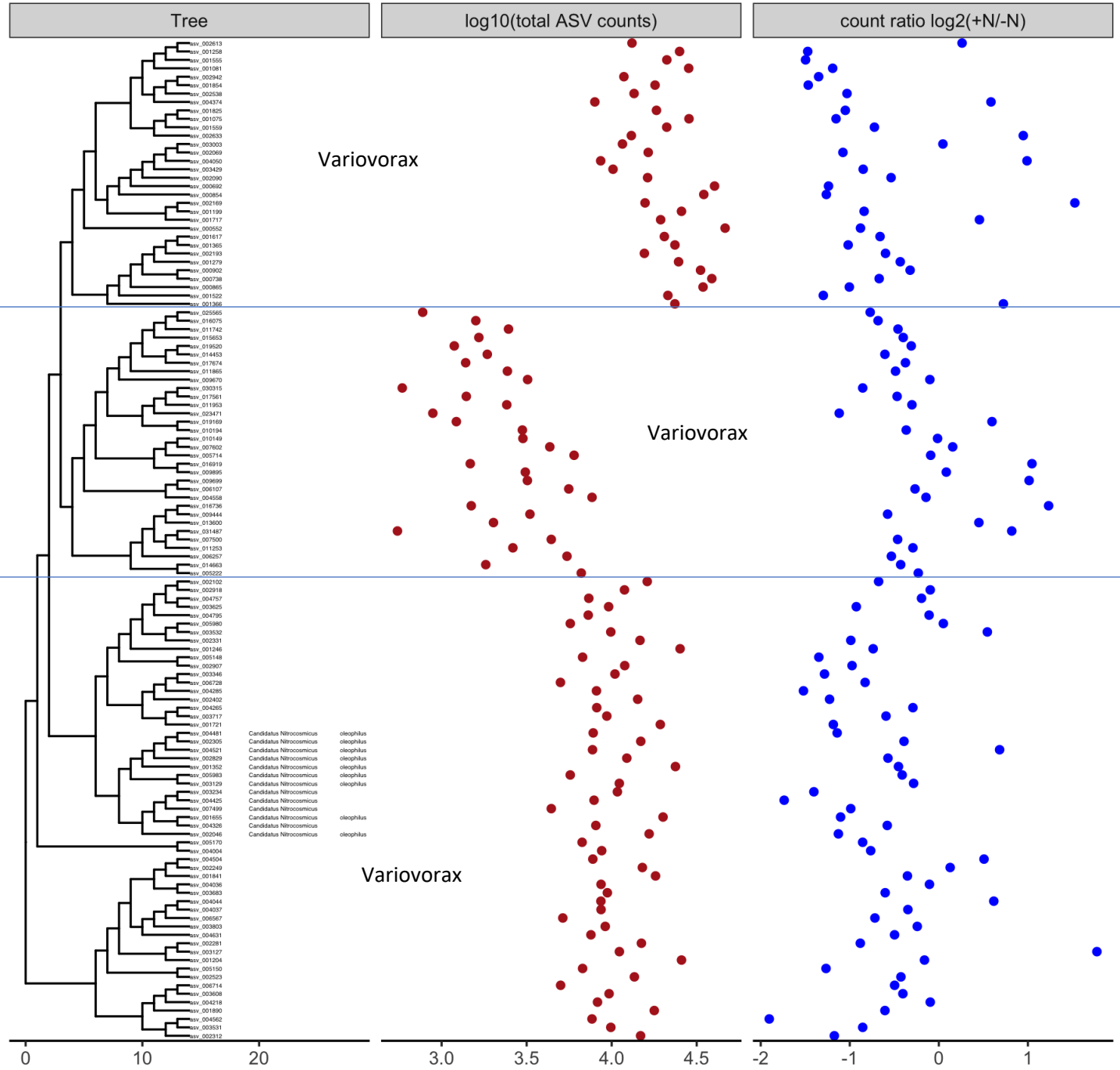
Nocardioidaceae



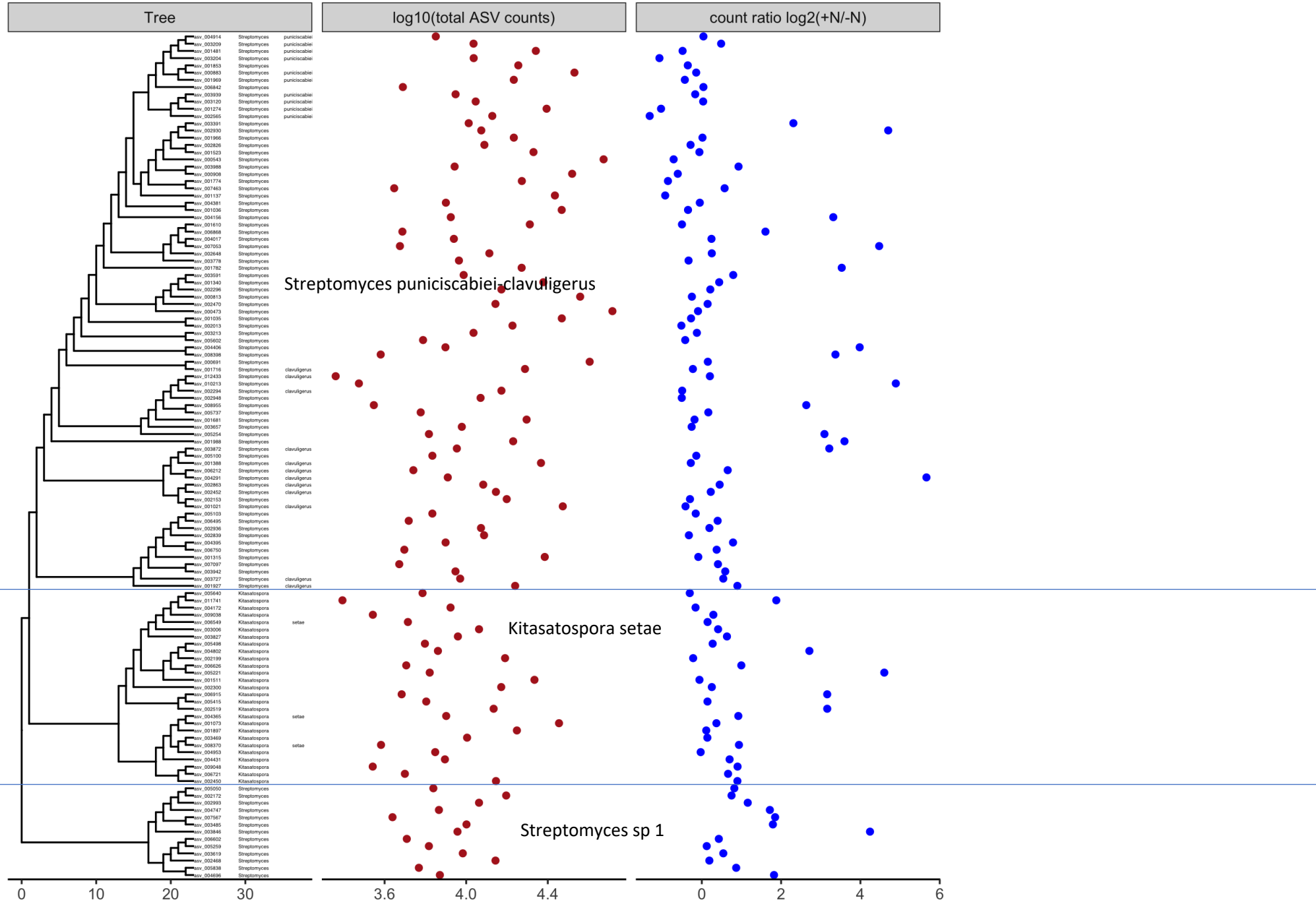
Comamonadaceae



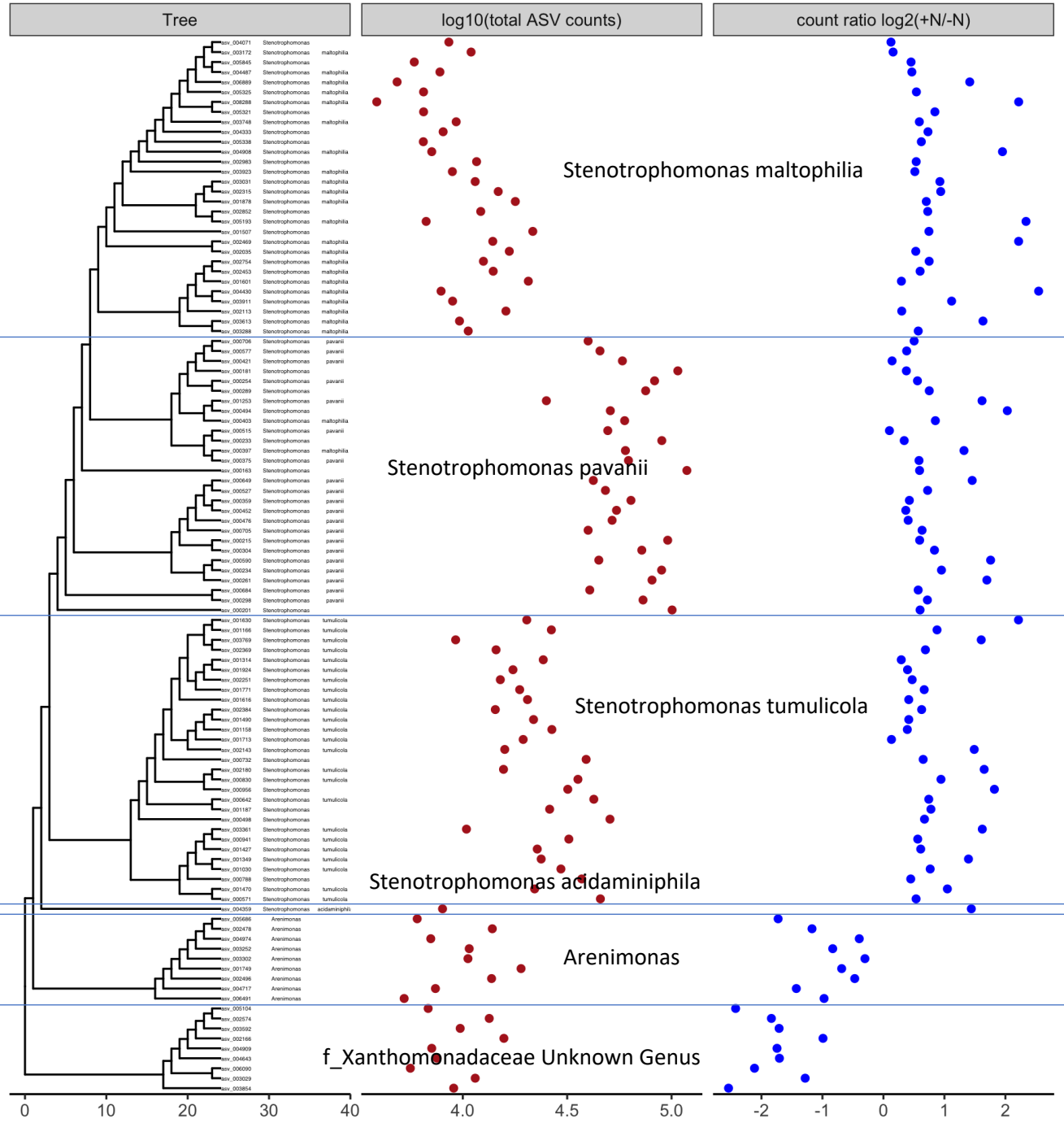
Nitrososphaeraceae



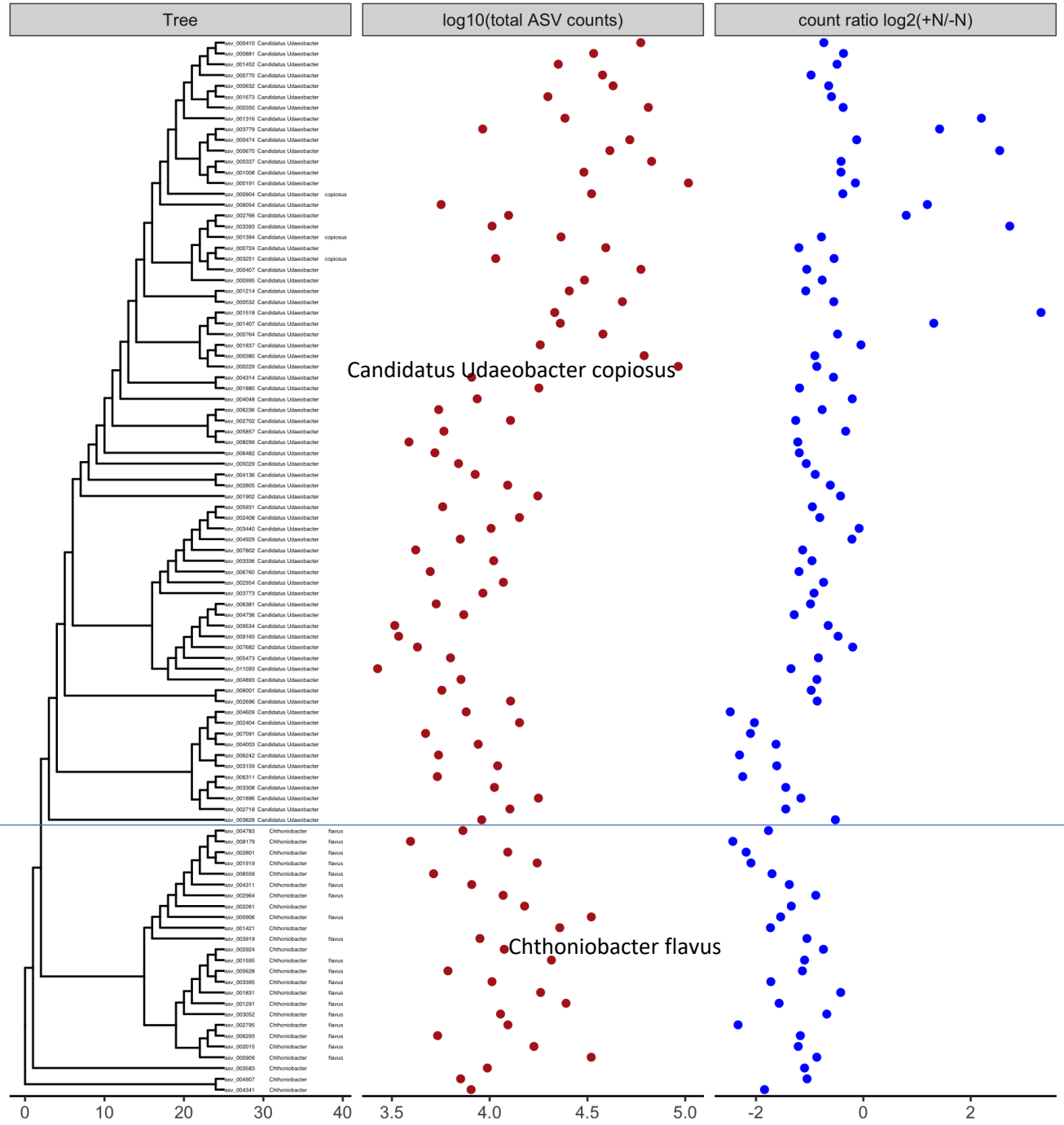
Streptomycetaceae



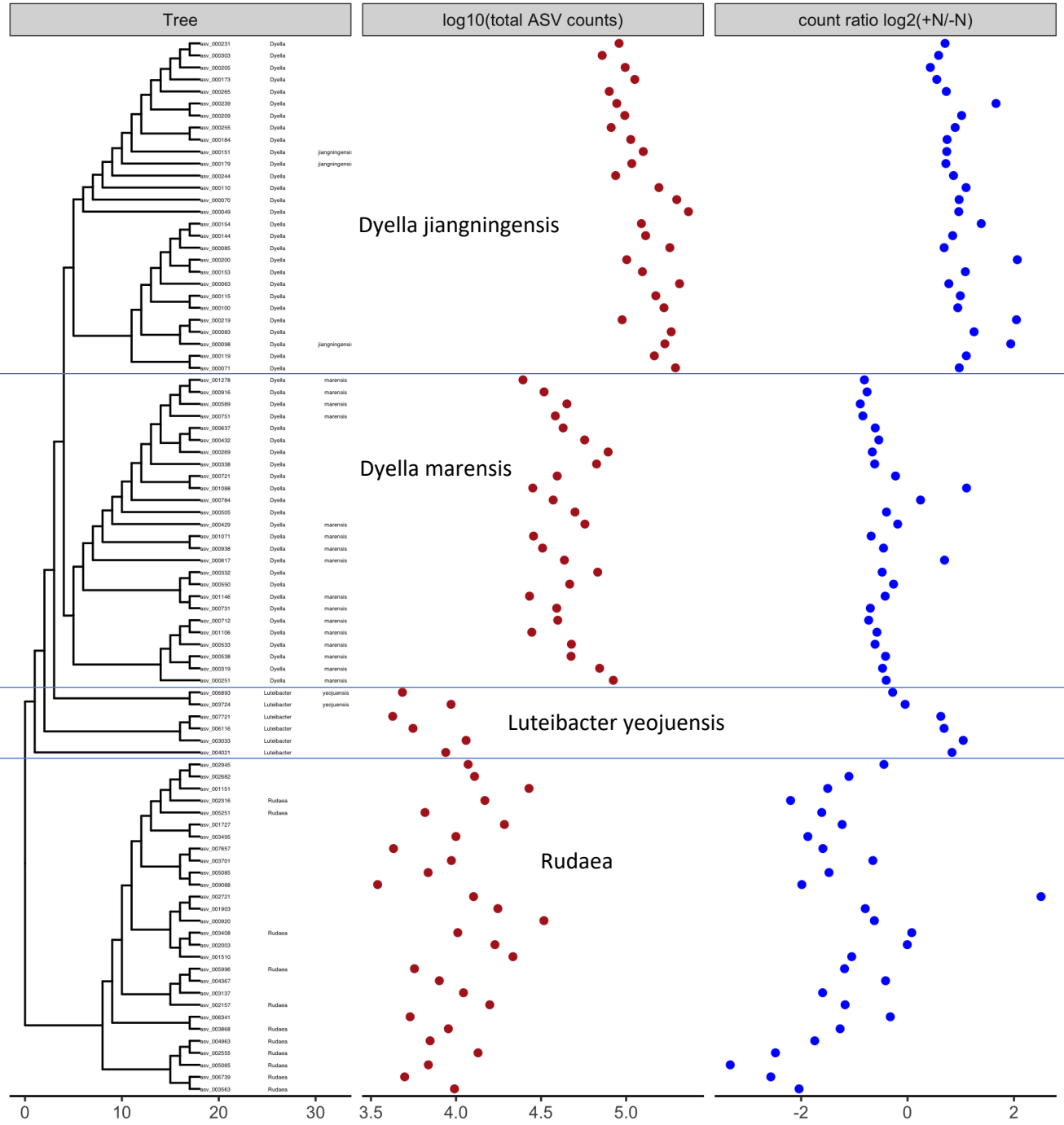
Xanthomonadaceae



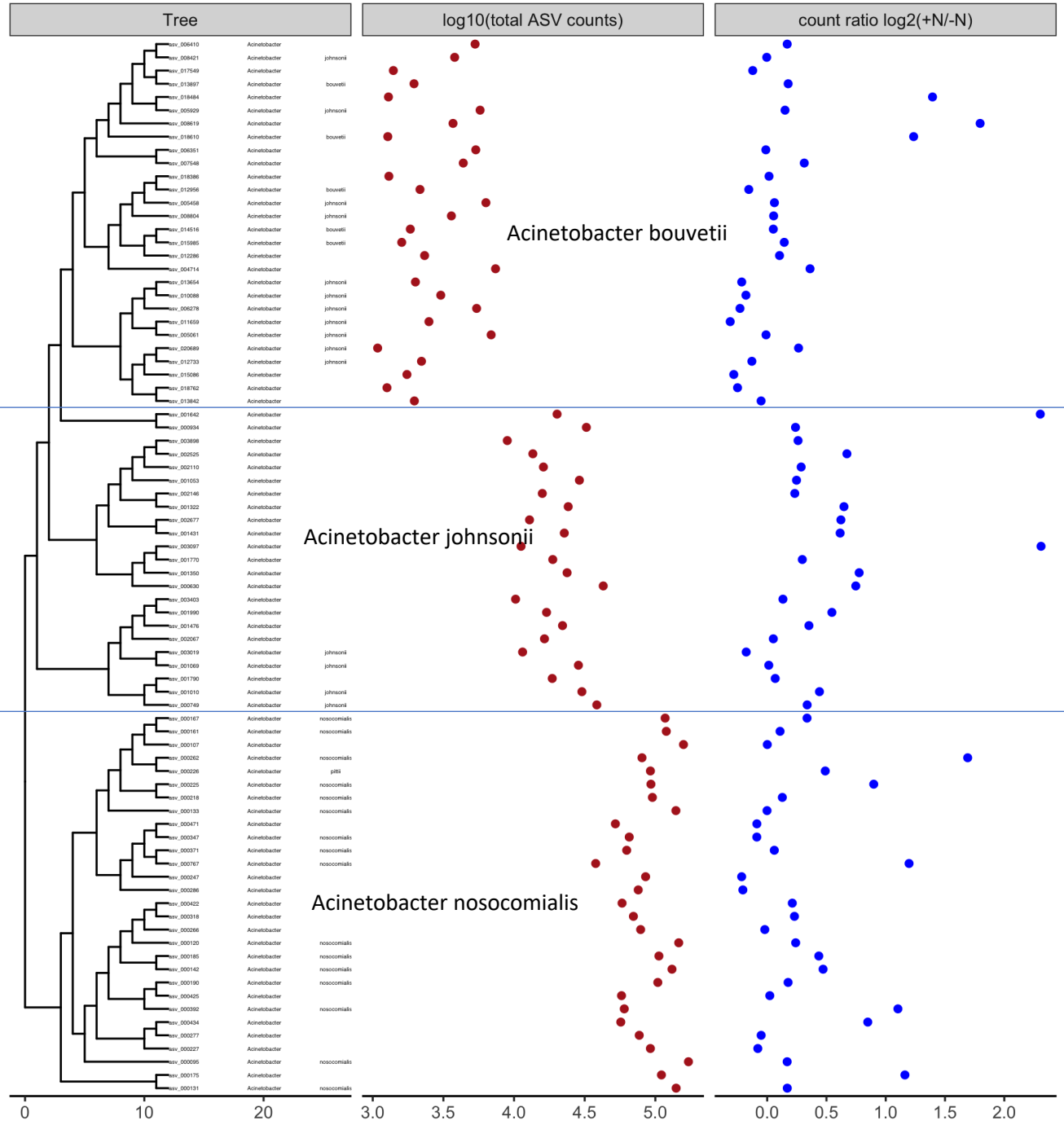
Chthoniobacteraceae



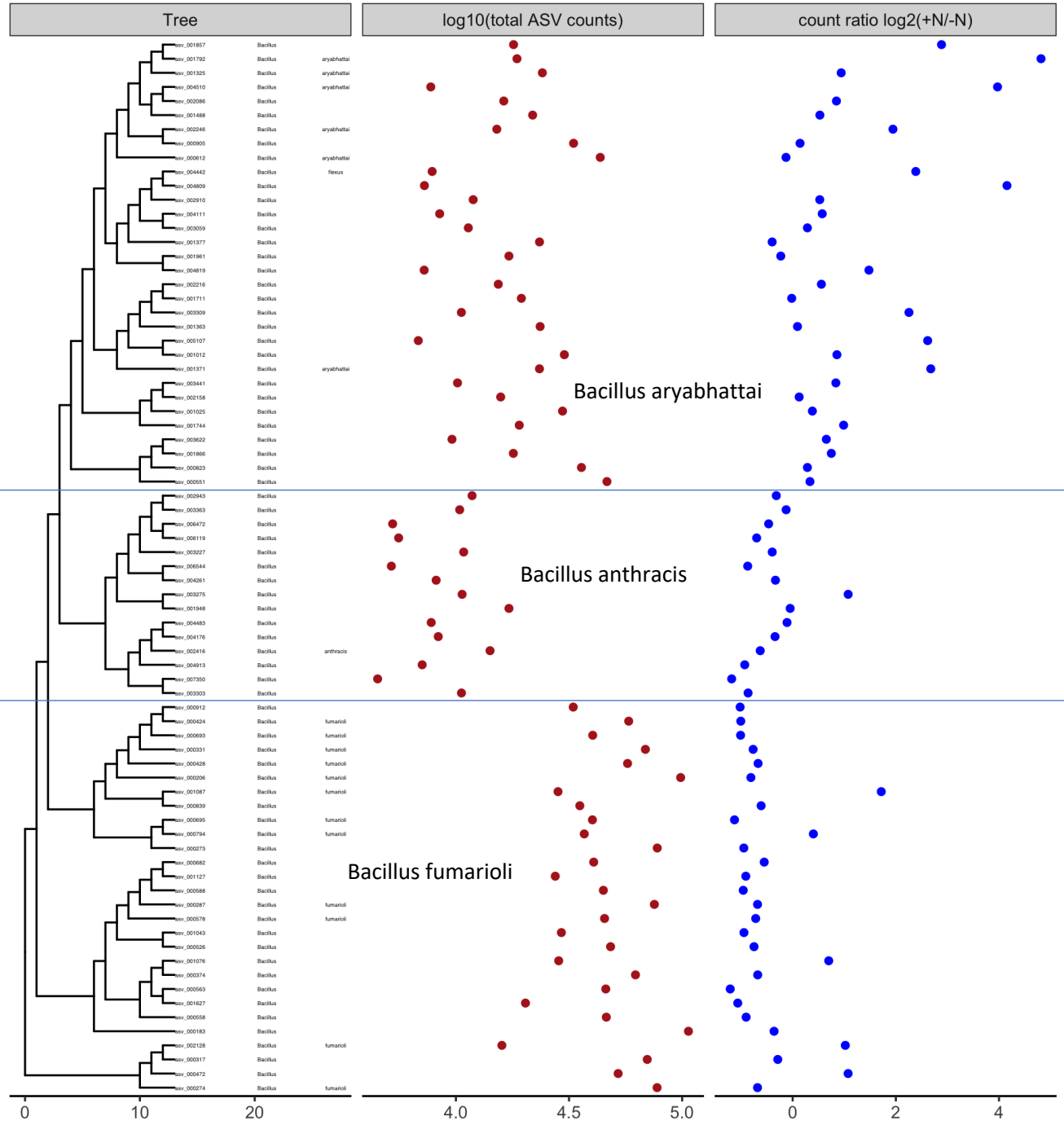
Rhodanobacteraceae



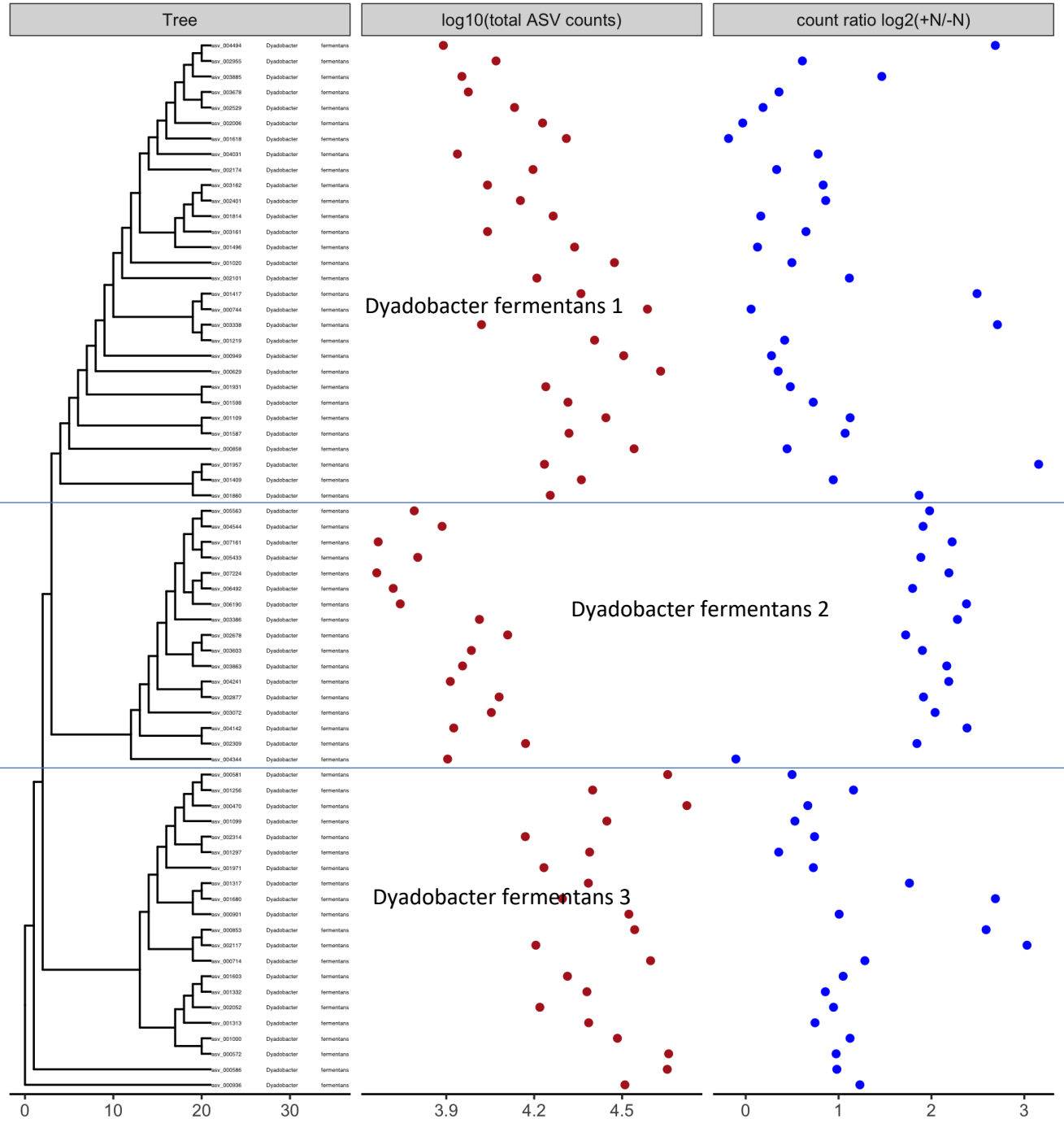
Moraxellaceae



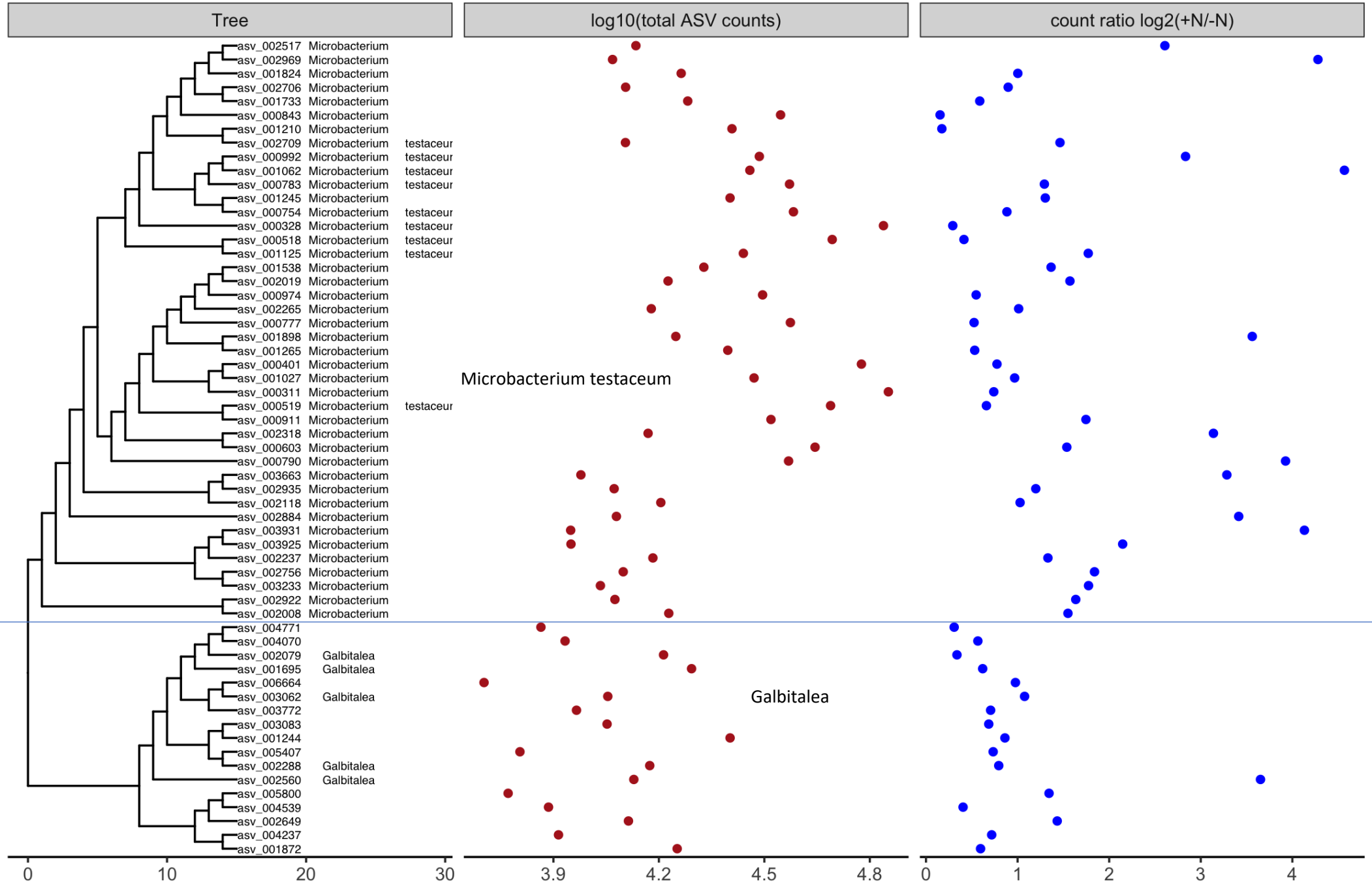
Bacillaceae



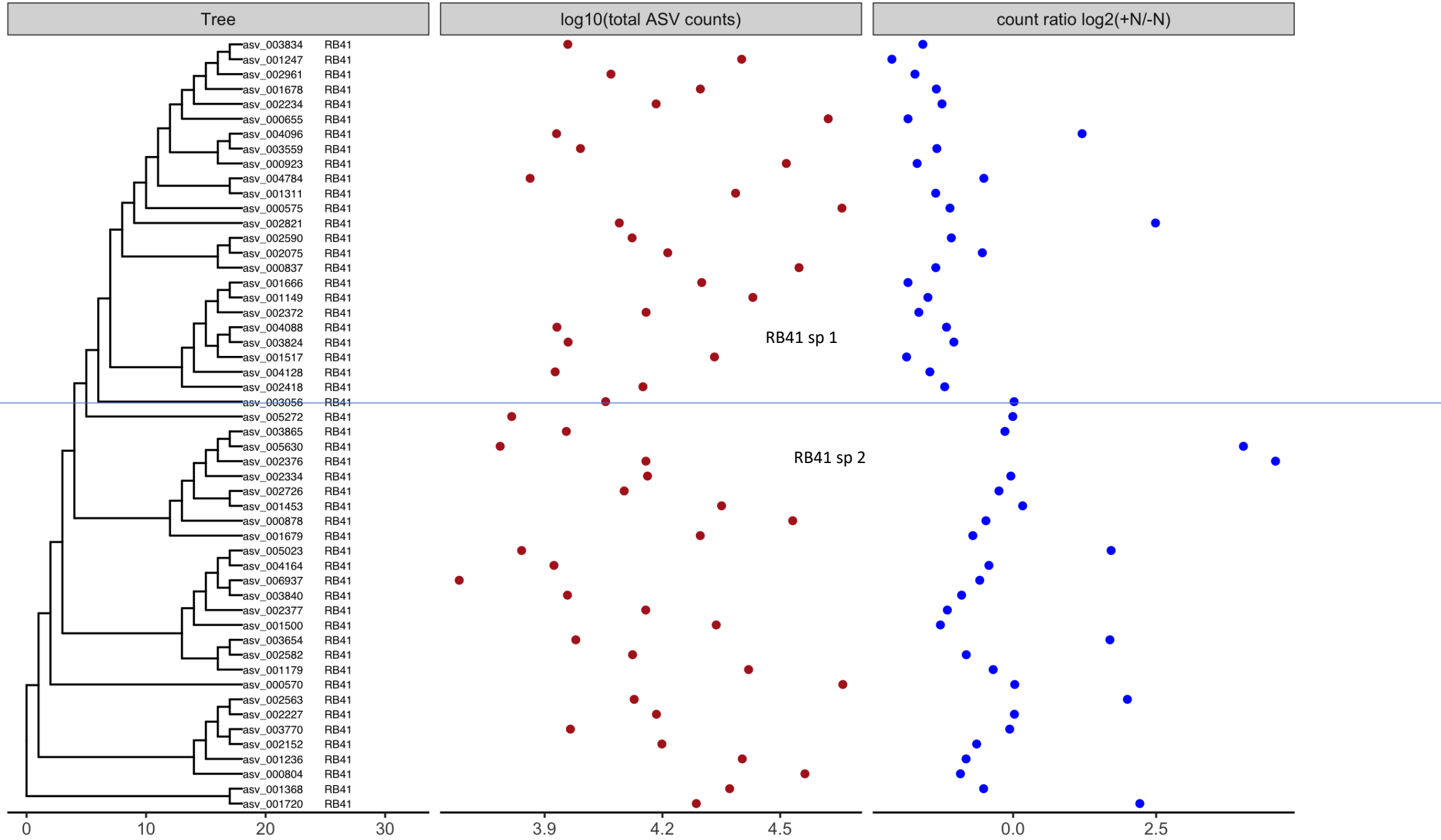
Spirosomaceae



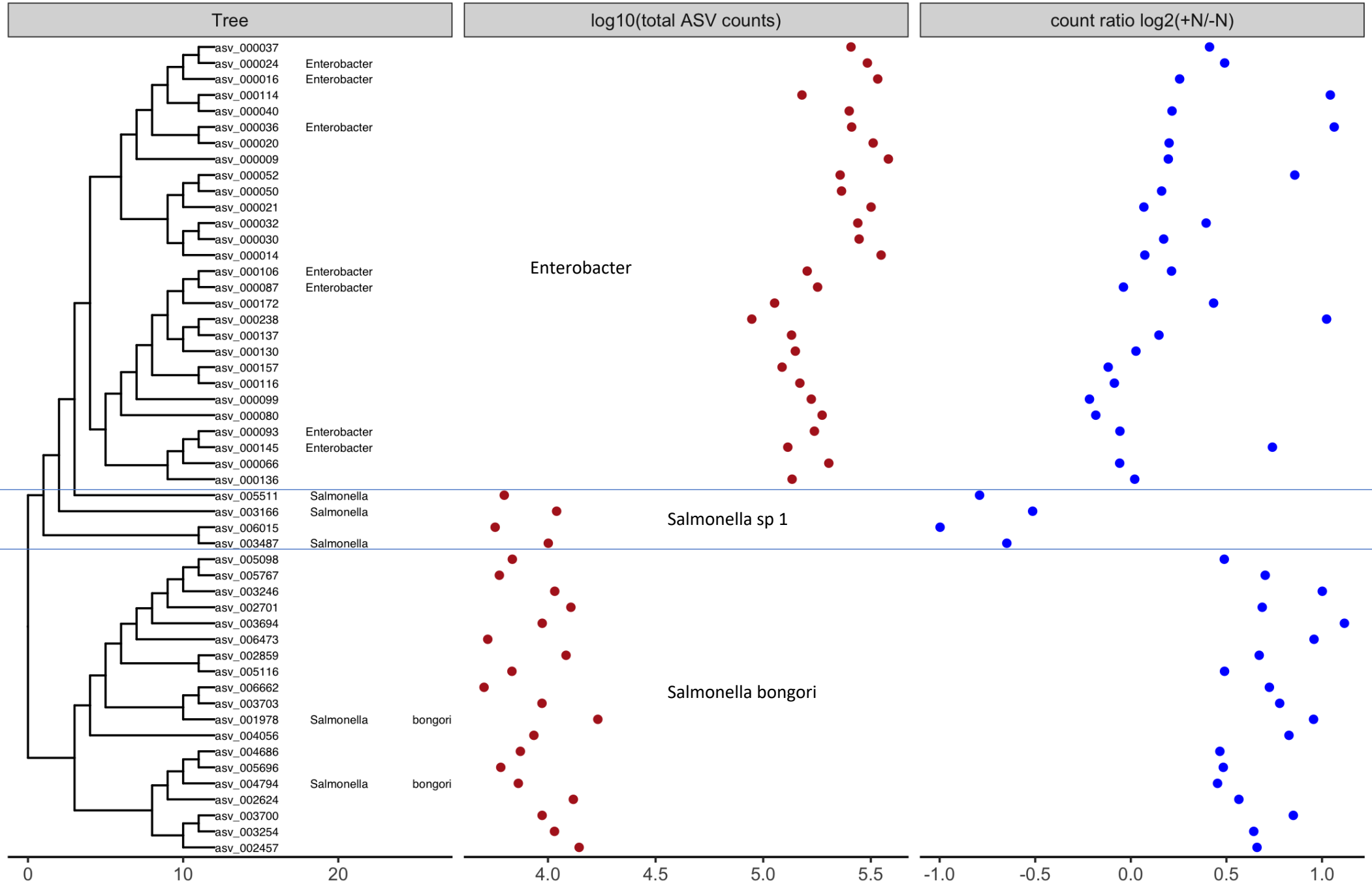
Microbacteriaceae



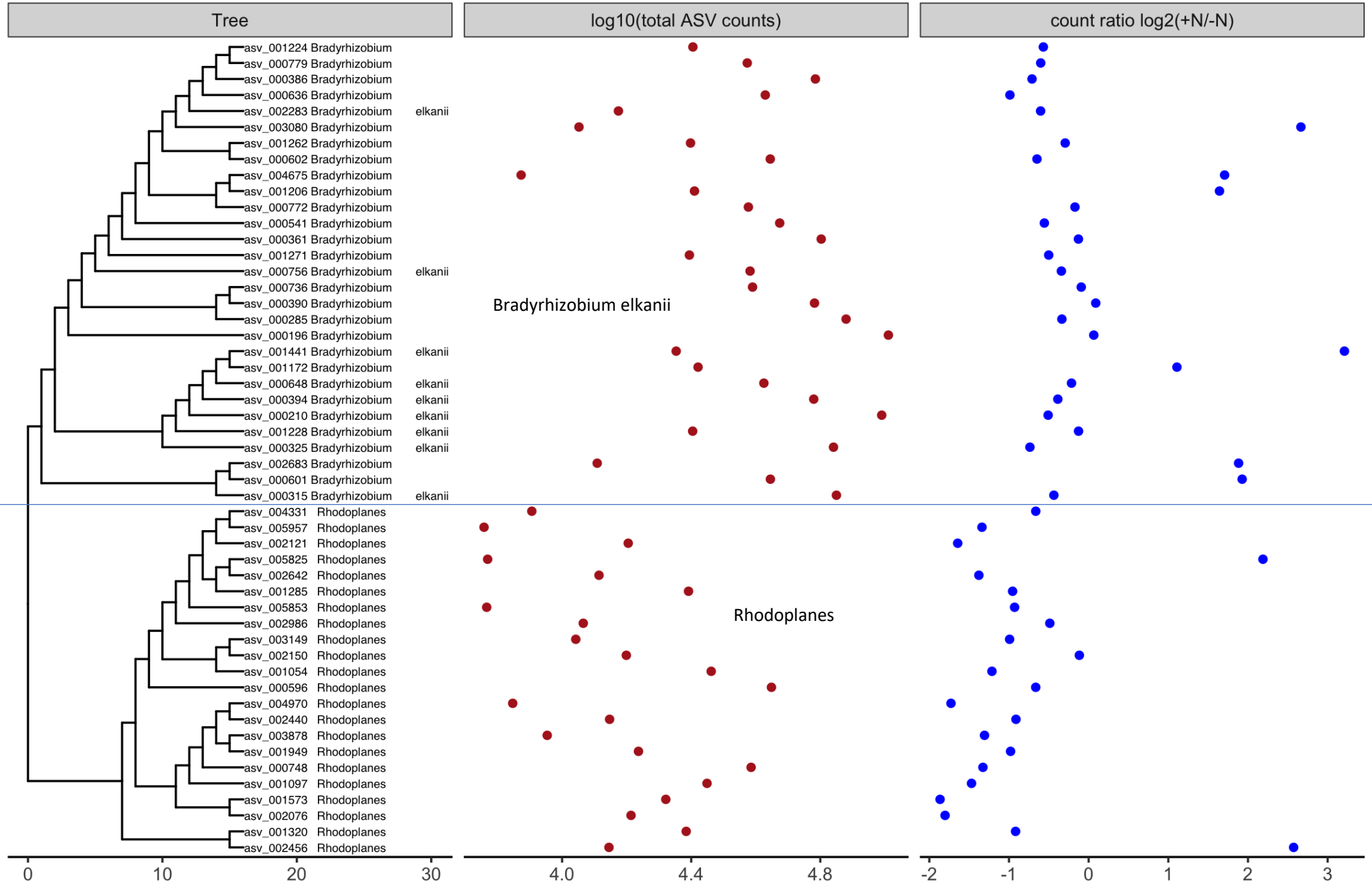
Pyrinomonadaceae



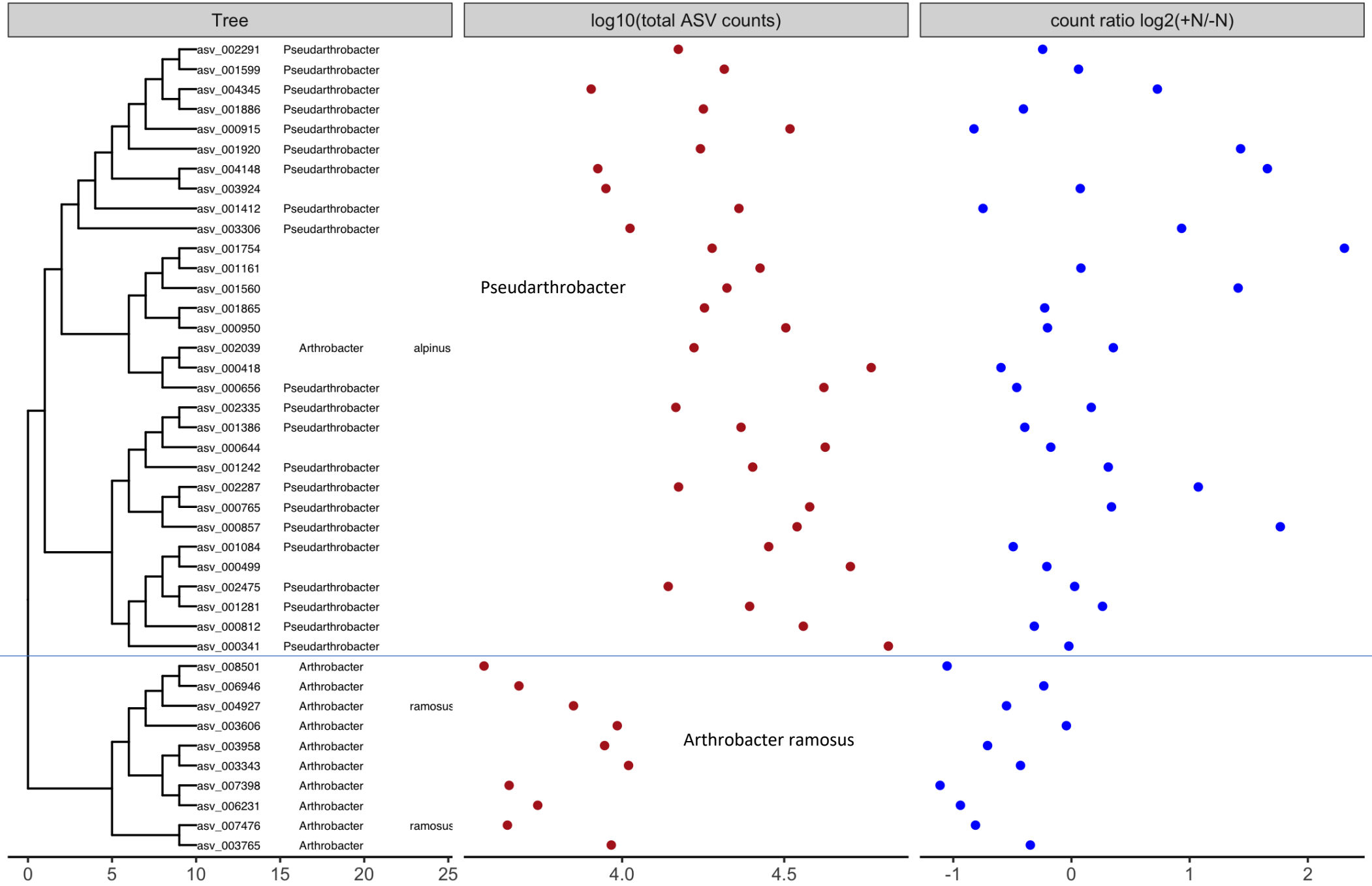
Enterobacteriaceae



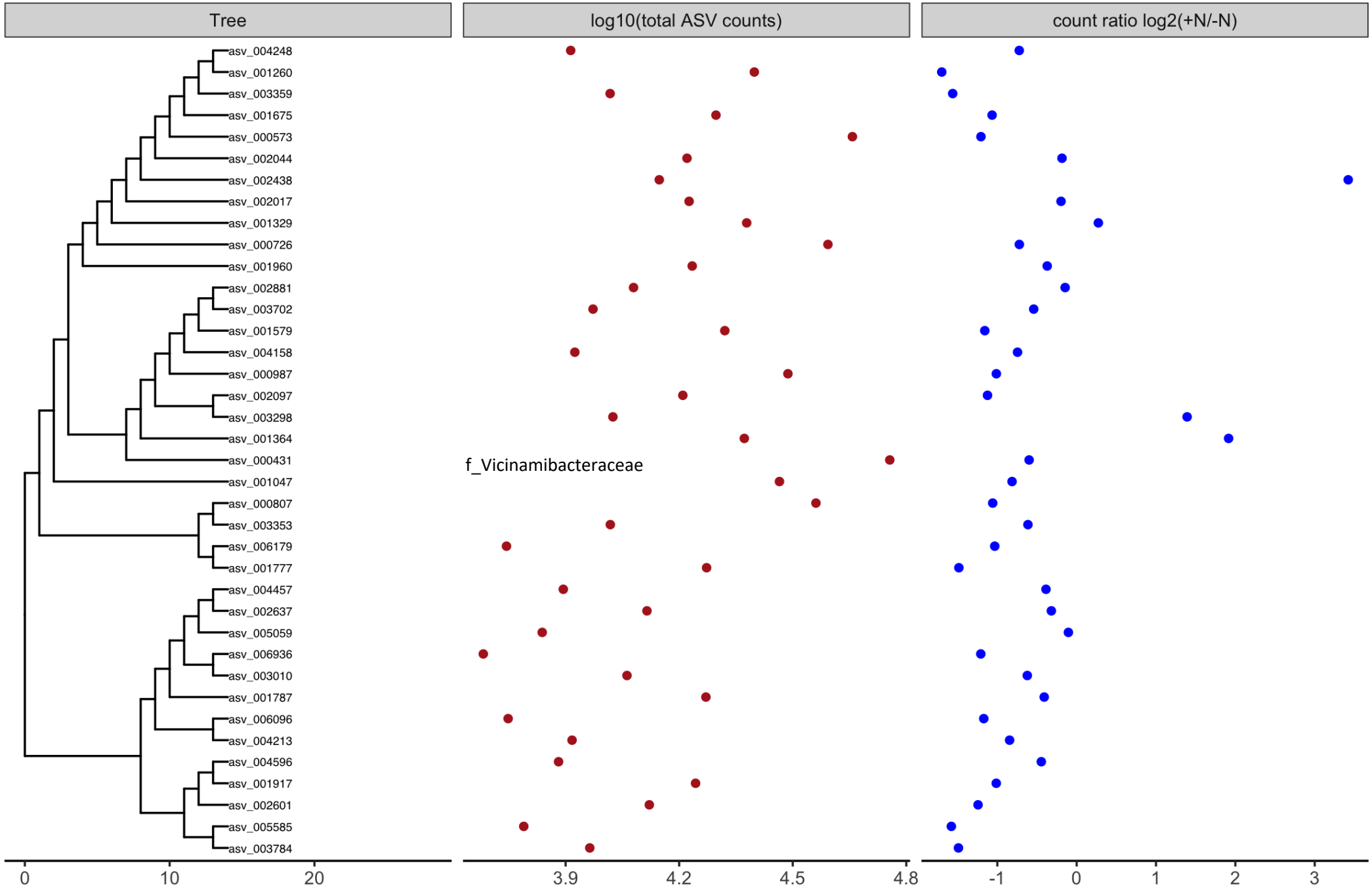
Xanthobacteraceae



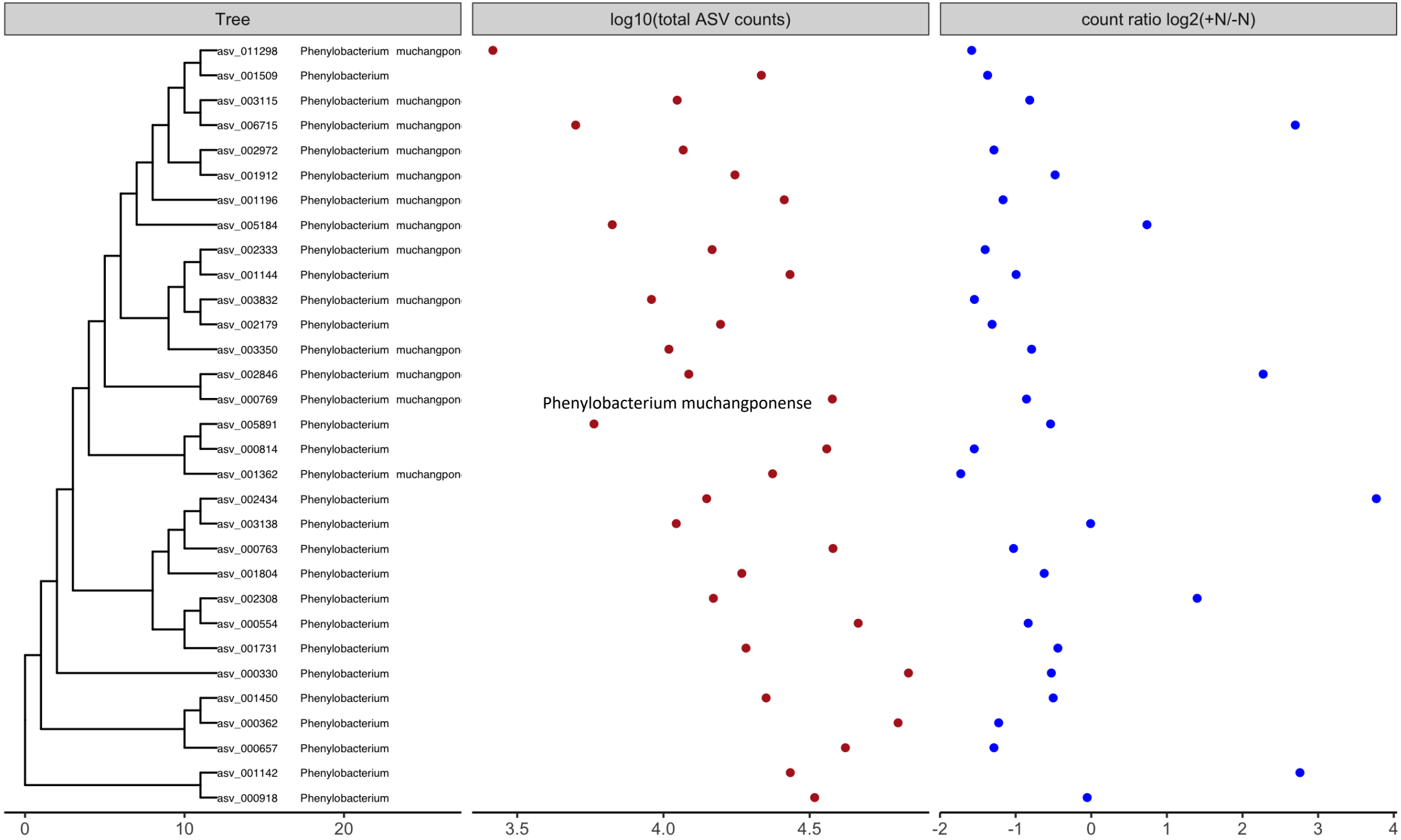
Micrococcaceae



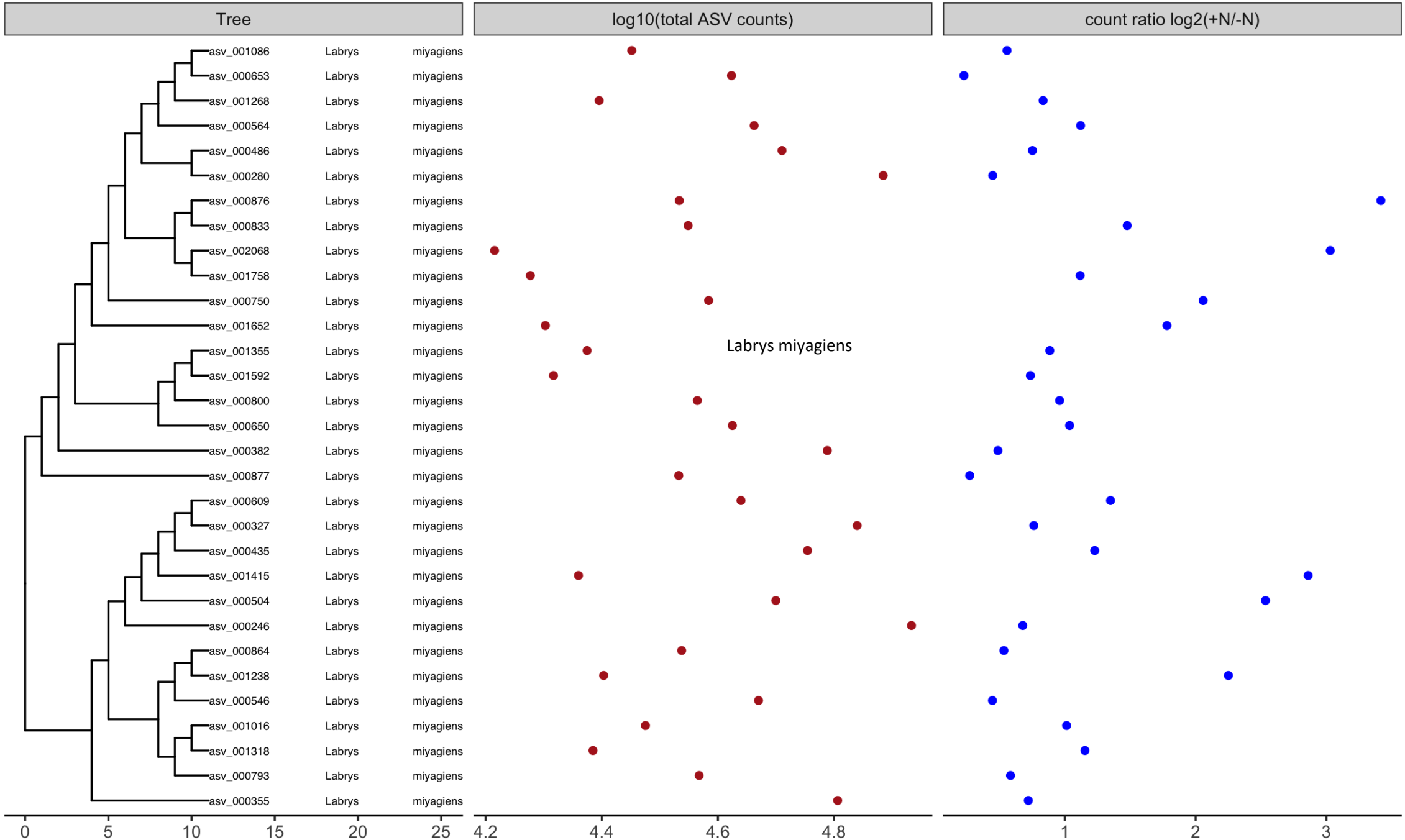
Vicinamibacteraceae



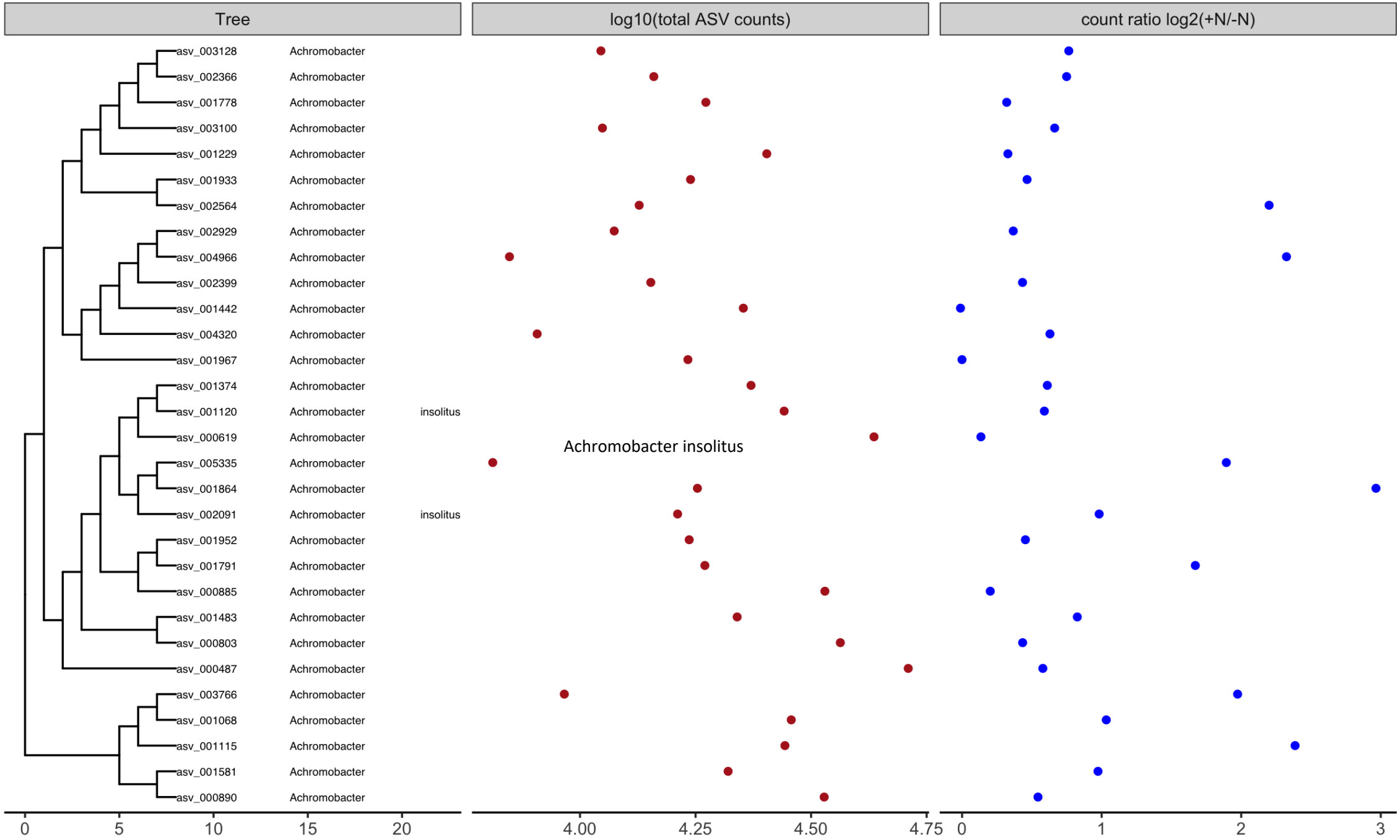
Caulobacteraceae



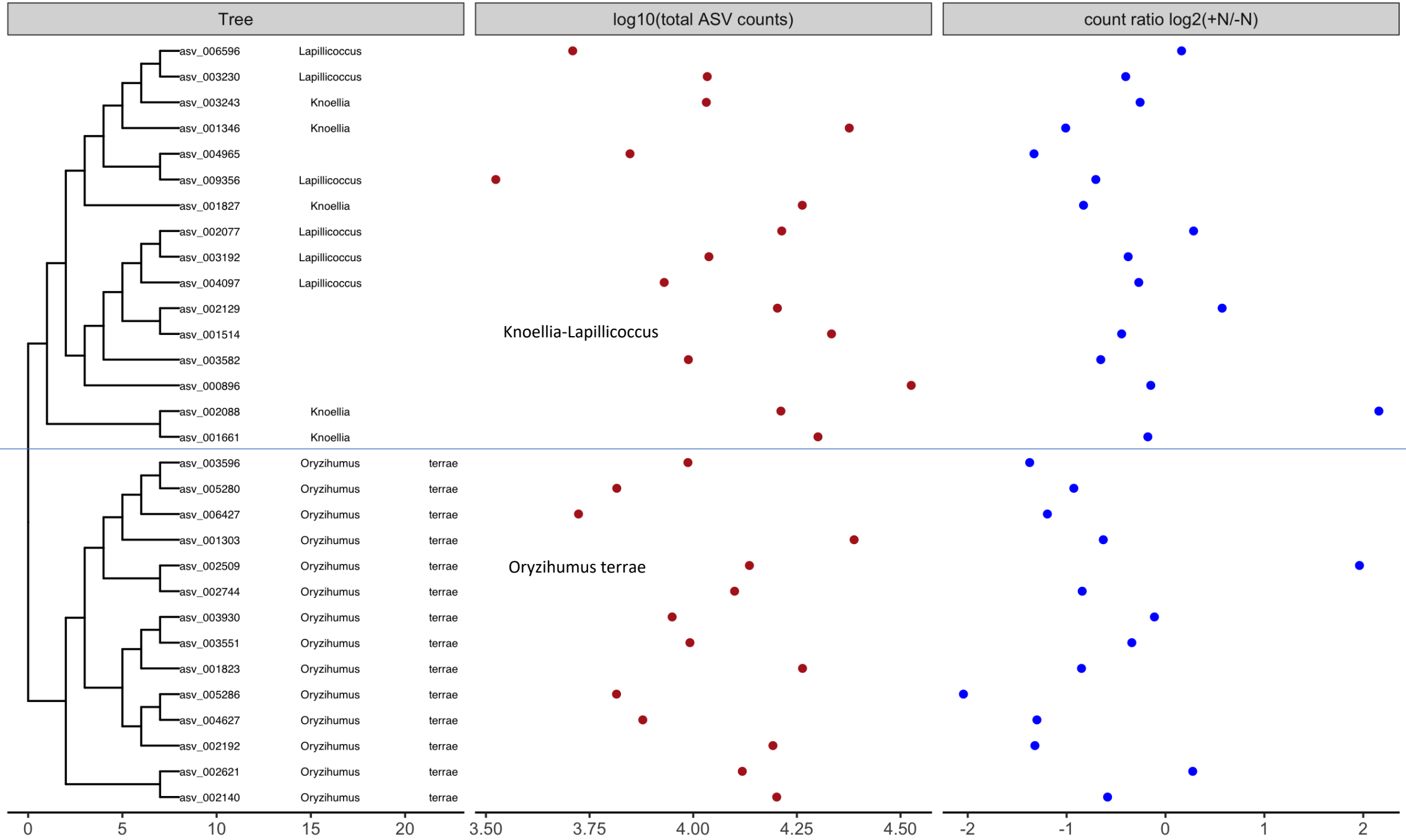
Labraceae


Tree
log10(total ASV counts)
count ratio log2(+N/-N)
asv_001086 Labrys miyagiens
asv_000653 Labrys miyagiens
asv_001268 Labrys miyagiens
asv_000564 Labrys miyagiens
asv_000486 Labrys miyagiens
asv_000280 Labrys miyagiens
asv_000876 Labrys miyagiens
asv_000833 Labrys miyagiens
asv_002068 Labrys miyagiens
asv_001758 Labrys miyagiens
asv_000750 Labrys miyagiens
asv_001652 Labrys miyagiens
asv_001355 Labrys miyagiens
asv_001592 Labrys miyagiens
asv_000800 Labrys miyagiens
asv_000650 Labrys miyagiens
asv_000382 Labrys miyagiens
asv_000877 Labrys miyagiens
asv_000609 Labrys miyagiens
asv_000327 Labrys miyagiens
asv_000435 Labrys miyagiens
asv_001415 Labrys miyagiens
asv_000504 Labrys miyagiens
asv_000246 Labrys miyagiens
asv_000864 Labrys miyagiens
asv_001238 Labrys miyagiens
asv_000546 Labrys miyagiens
asv_001016 Labrys miyagiens
asv_001318 Labrys miyagiens
asv_000793 Labrys miyagiens
asv_000355 Labrys miyagiens
Labrys miyagiens
0
5
10
15
20
25
4.2
4.4
4.6
4.8
1
2
3

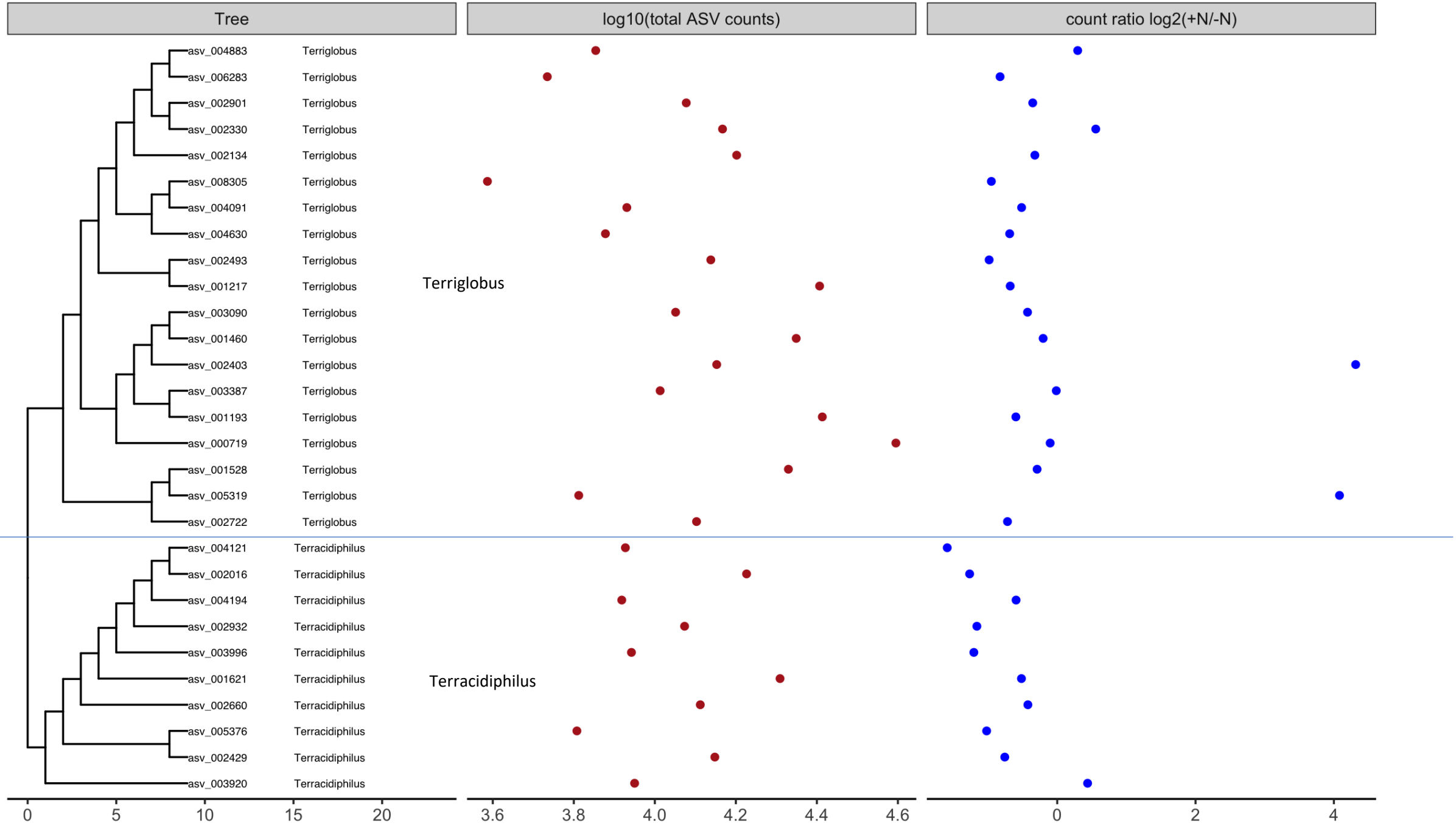
Alcaligenaceae



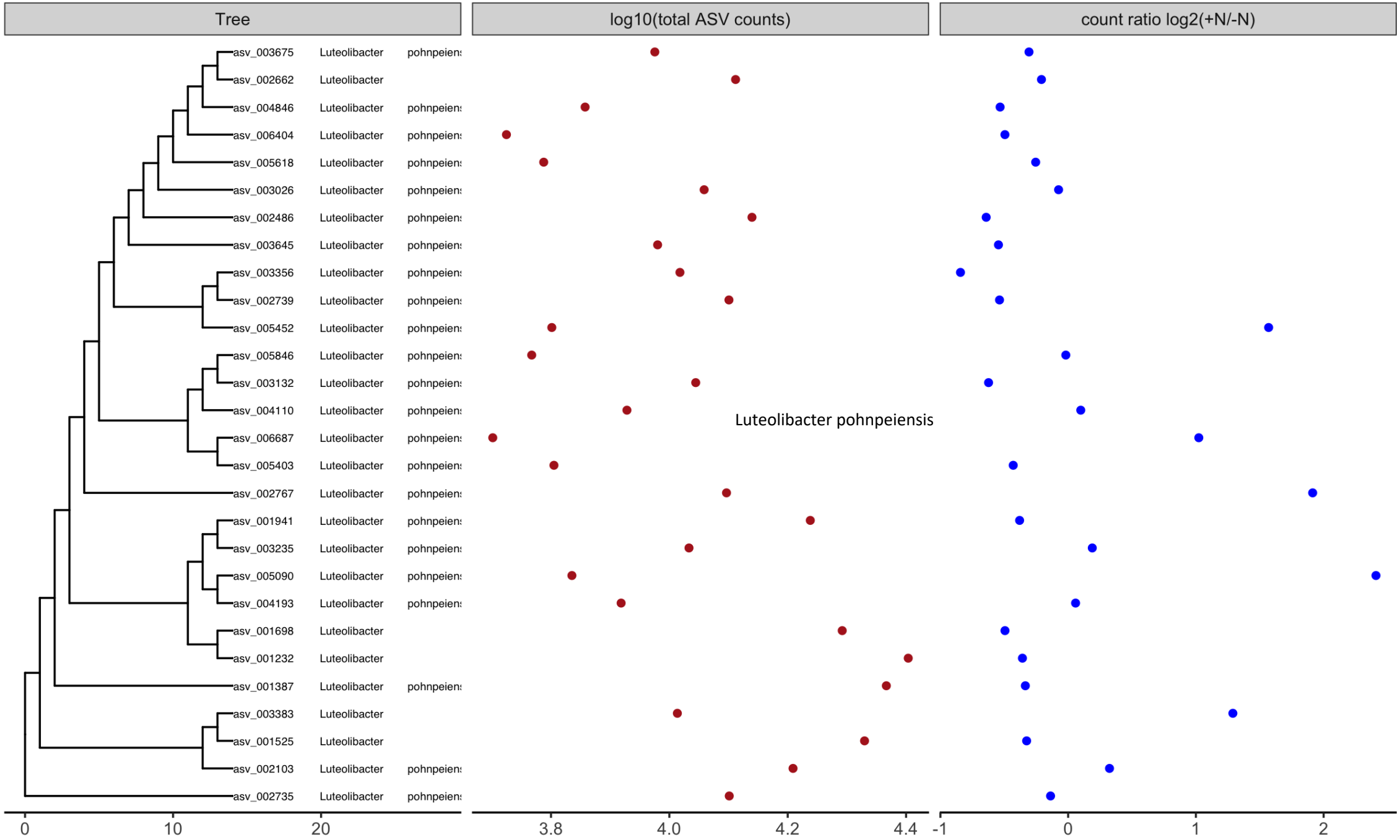
Intrasporangiaceae



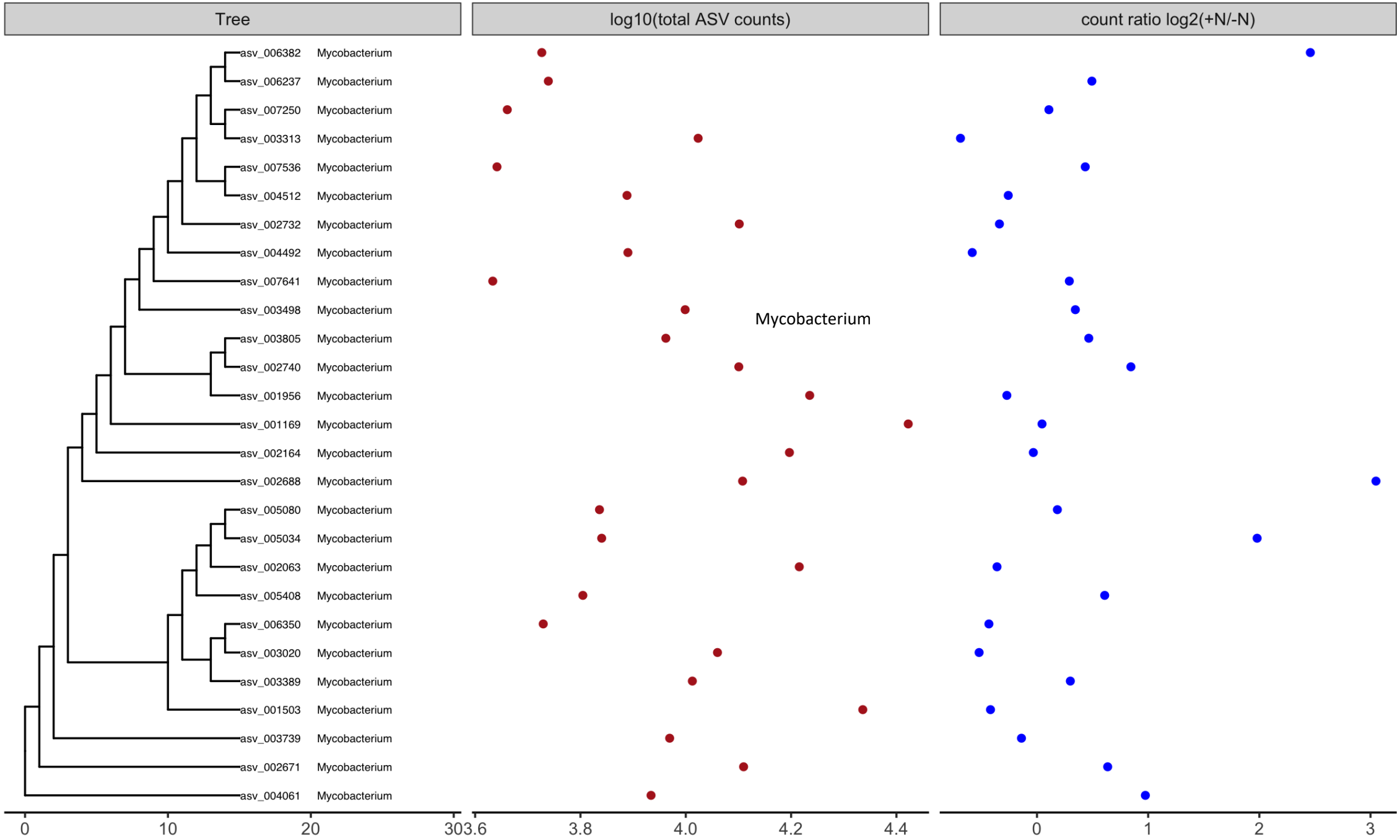
Acidobacteriaceae (Subgroup 1)



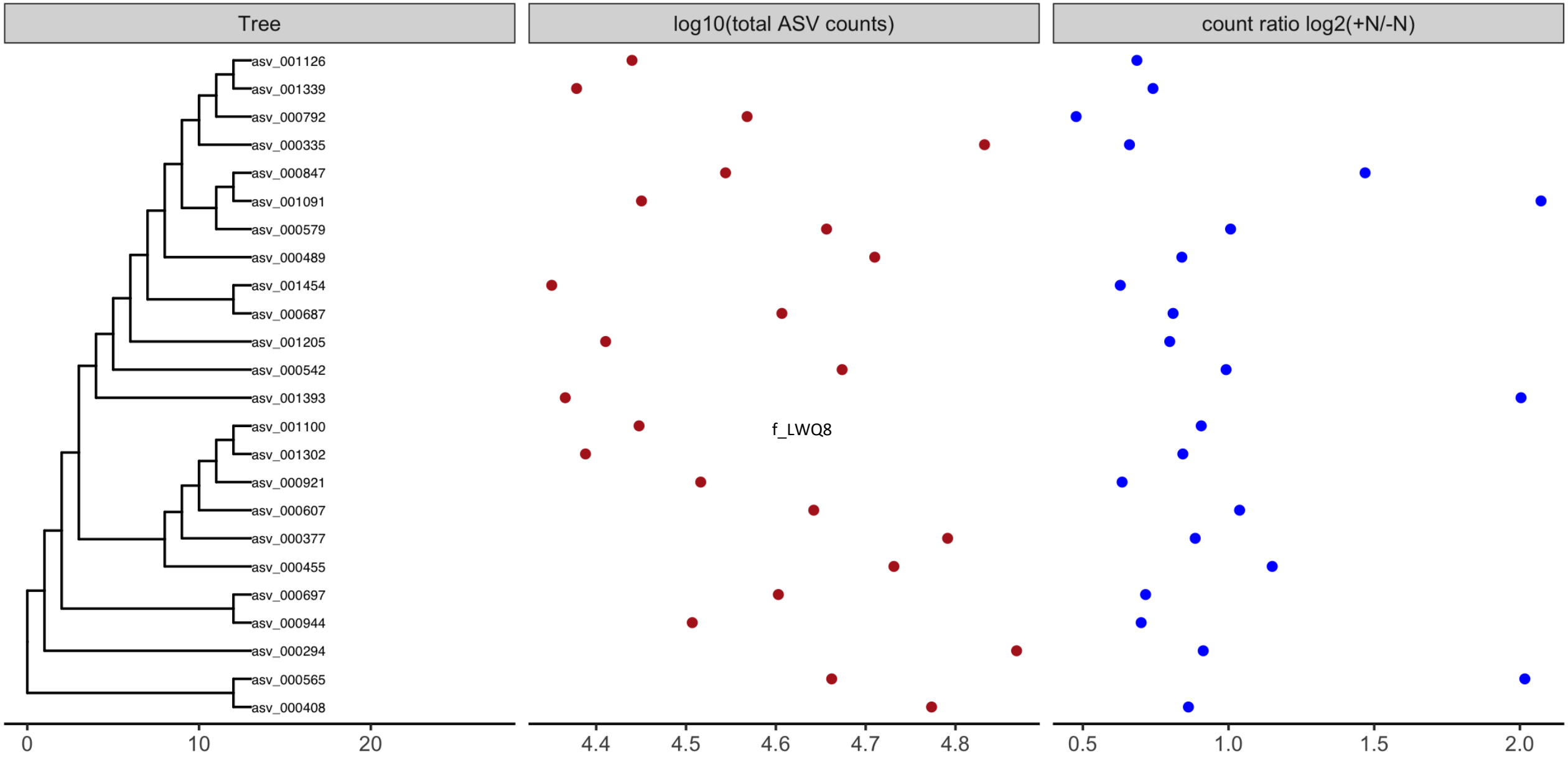
Rubritaleaceae



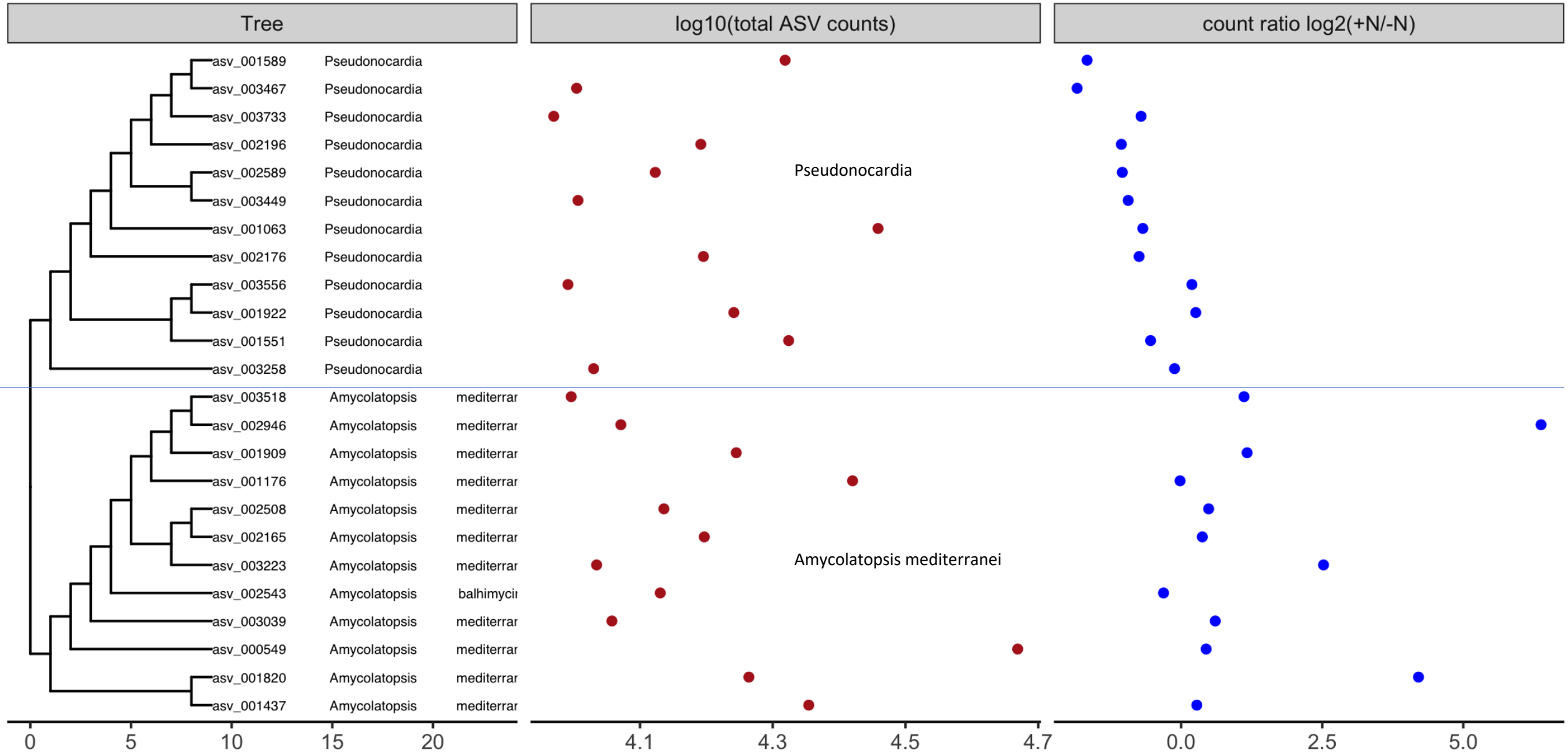
Mycobacteriaceae



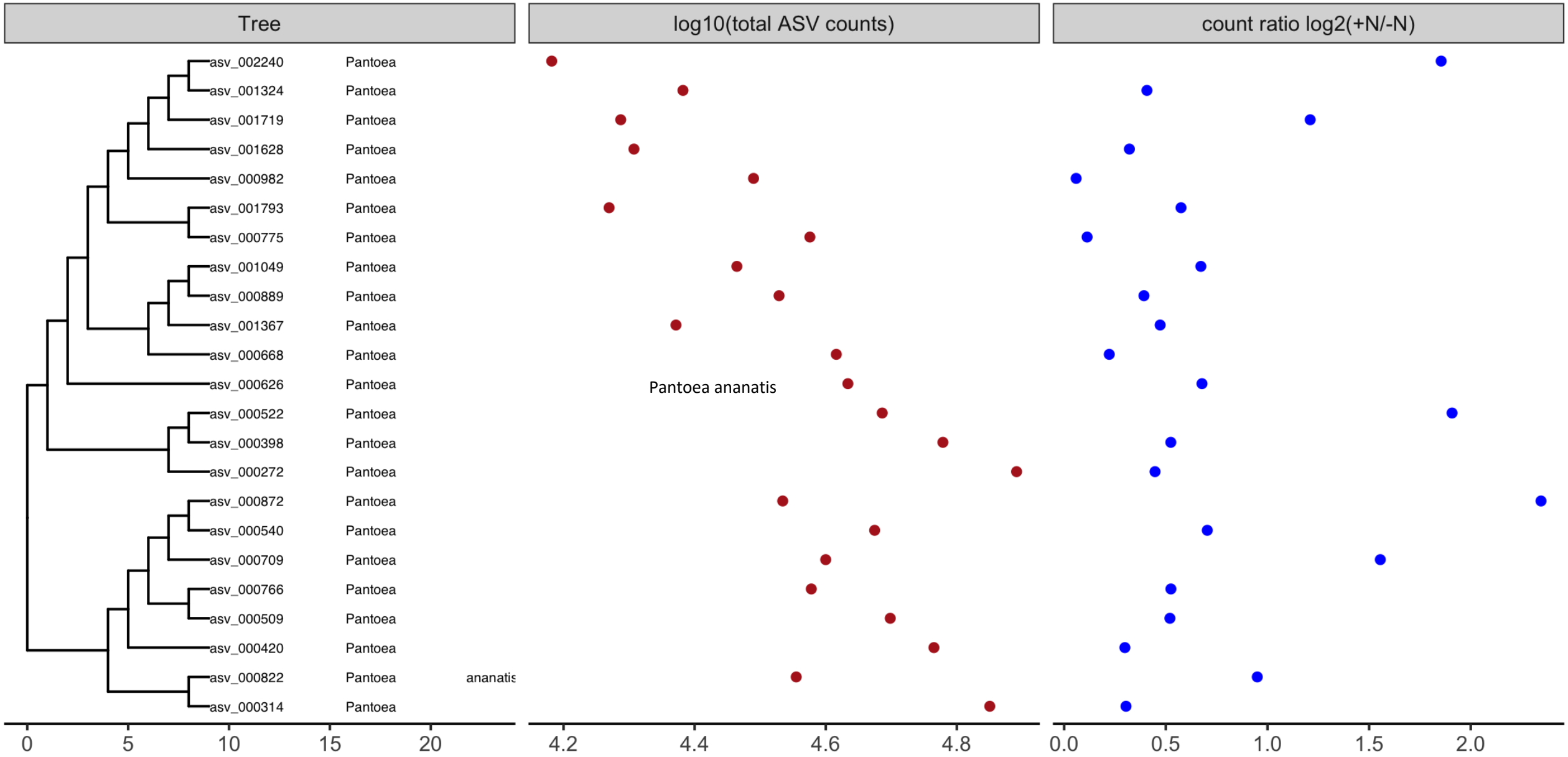
LWQ8


Tree
log10(total ASV counts)
count ratio log2(+N/-N)
asv_001126
asv_001339
asv_000792
asv_000335
asv_000847
asv_001091
asv_000579
asv_000489
asv_001454
asv_000687
asv_001205
asv_000542
asv_001393
asv_001100
asv_001302
asv_000921
asv_000607
asv_000377
asv_000455
asv_000697
asv_000944
asv_000294
asv_000565
asv_000408
f_LWQ8
0
10
20
4.4
4.5
4.6
4.7
4.8
0.5
1.0
1.5
2.0

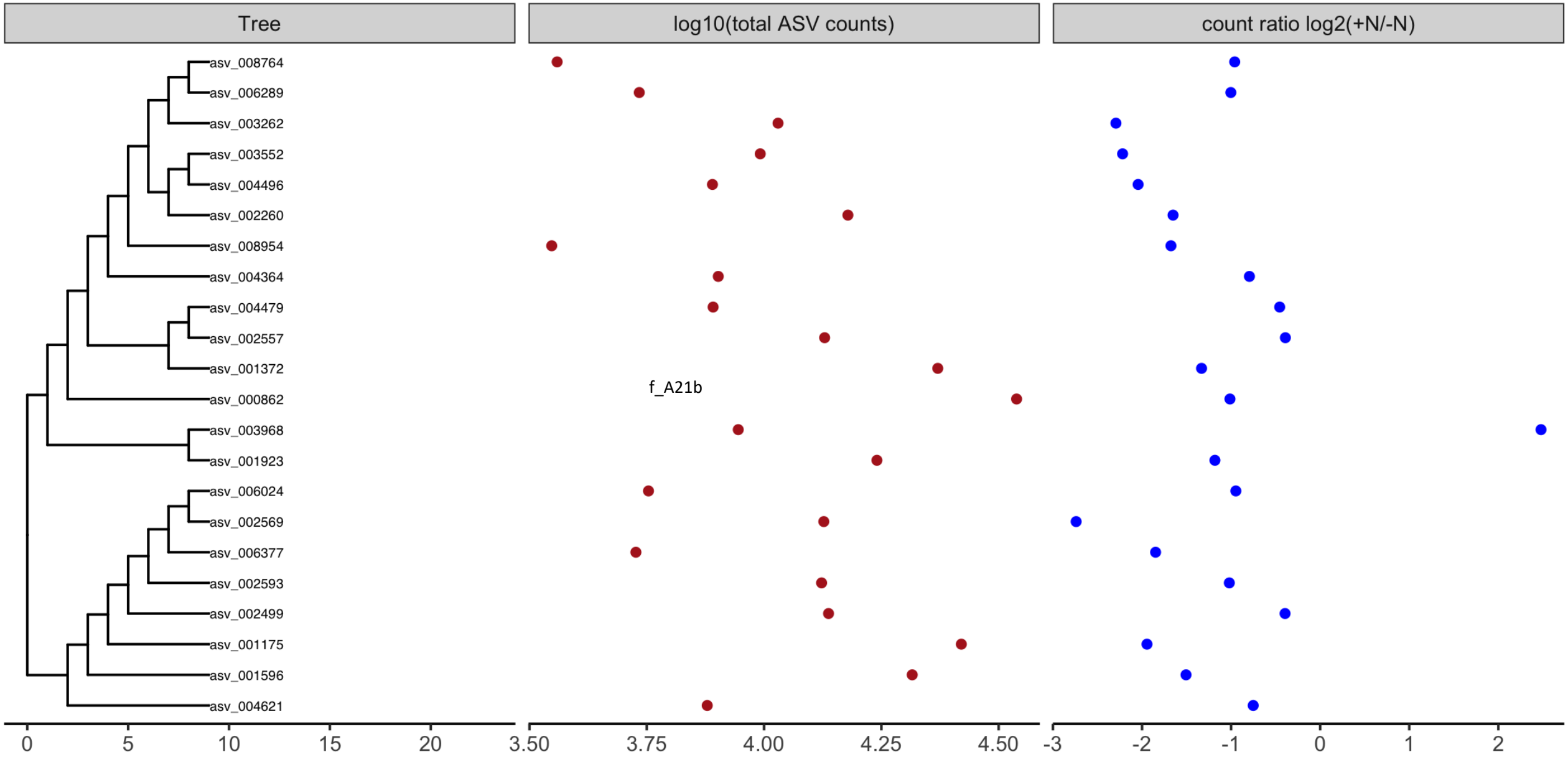
Pseudonocardiaceae



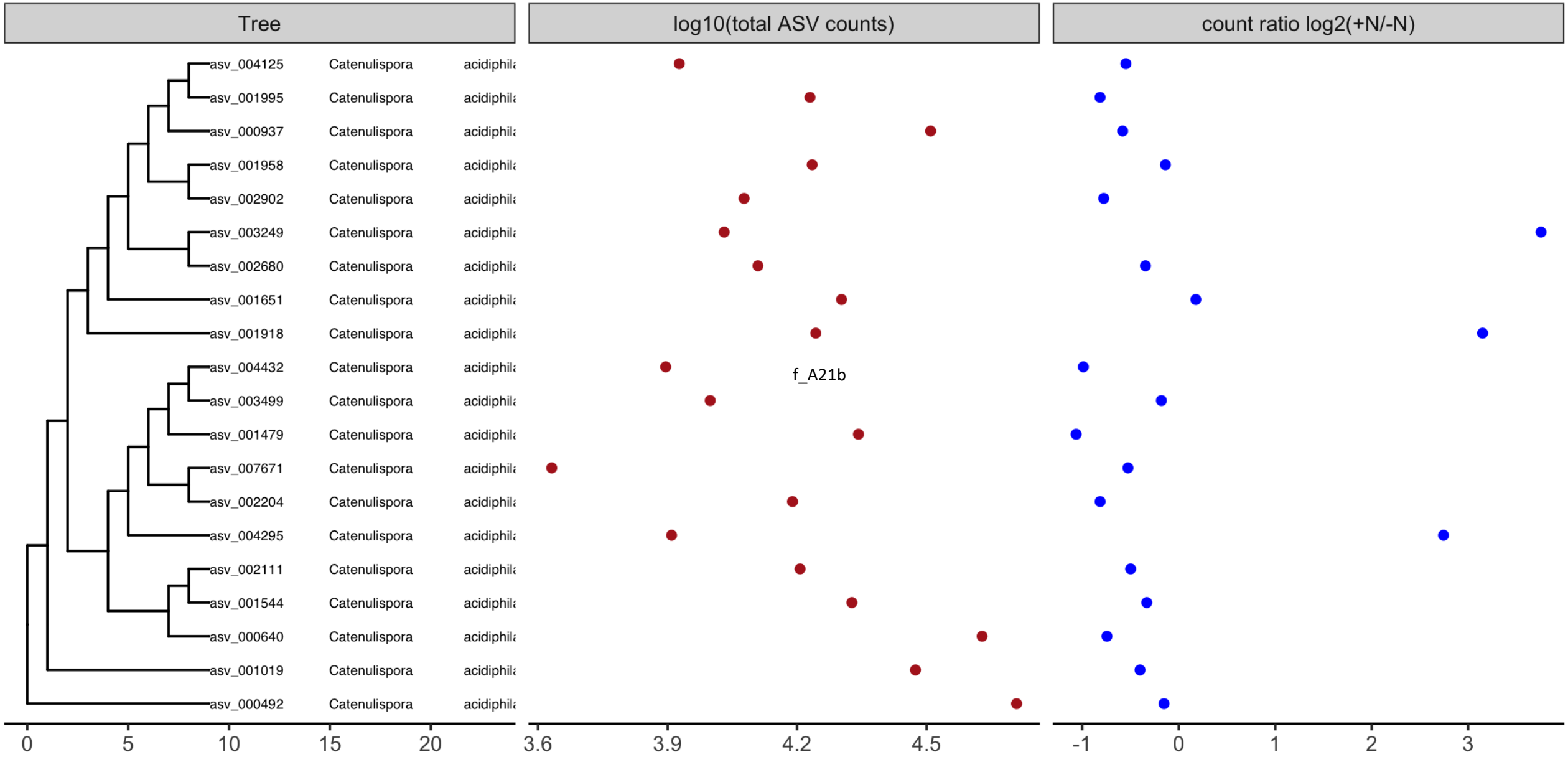
Erwiniaceae



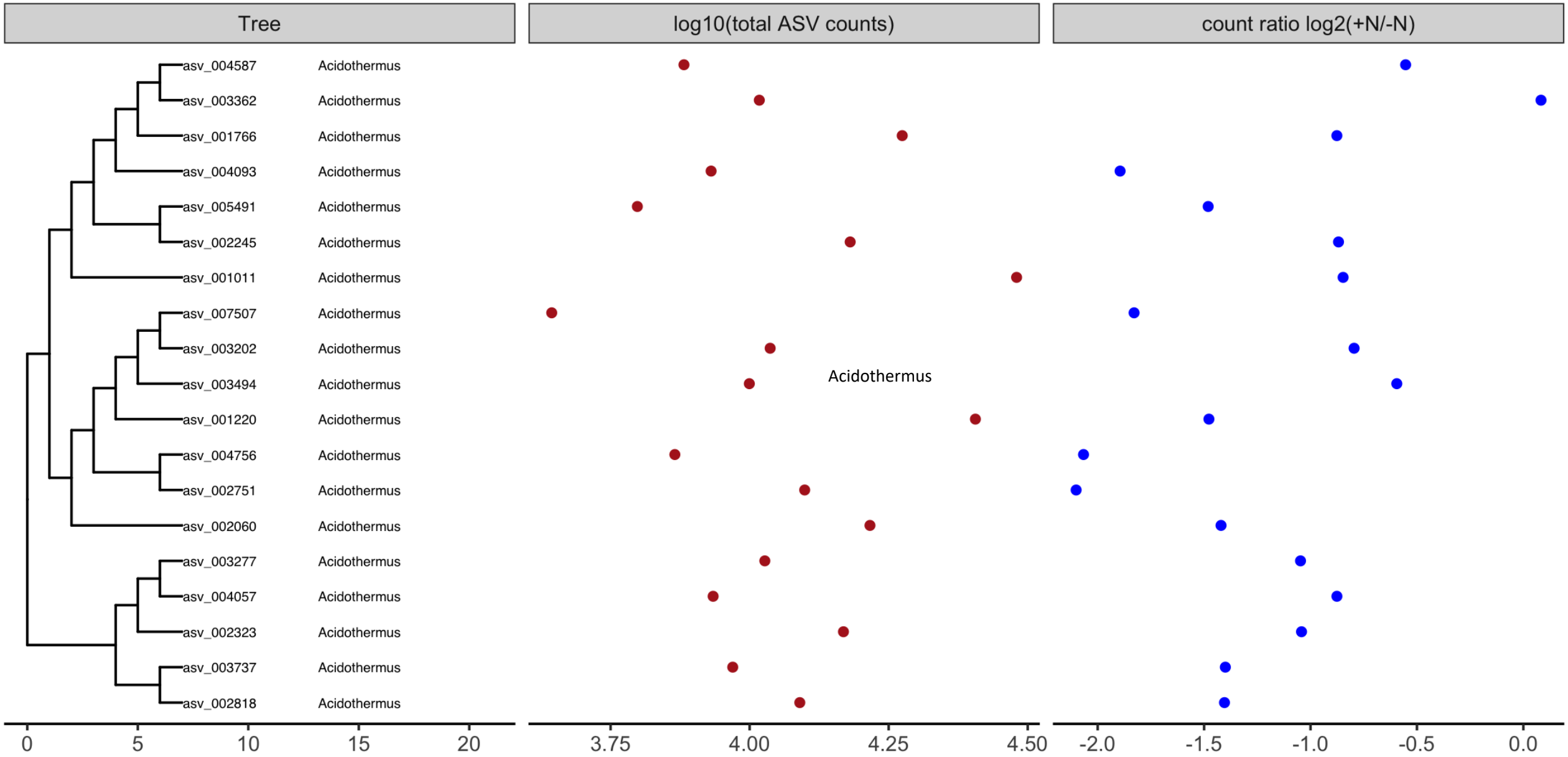
A21b


Tree
log10(total ASV counts)
count ratio log2(+N/-N)
asv_008764
asv_006289
asv_003262
asv_003552
asv_004496
asv_002260
asv_008954
asv_004364
asv_004479
asv_002557
asv_001372
asv_000862
asv_003968
asv_001923
asv_006024
asv_002569
asv_006377
asv_002593
asv_002499
asv_001175
asv_001596
asv_004621
f_A21b
0
5
10
15
20
3.50
3.75
4.00
4.25
4.50
-3
-2
-1
0
1
2

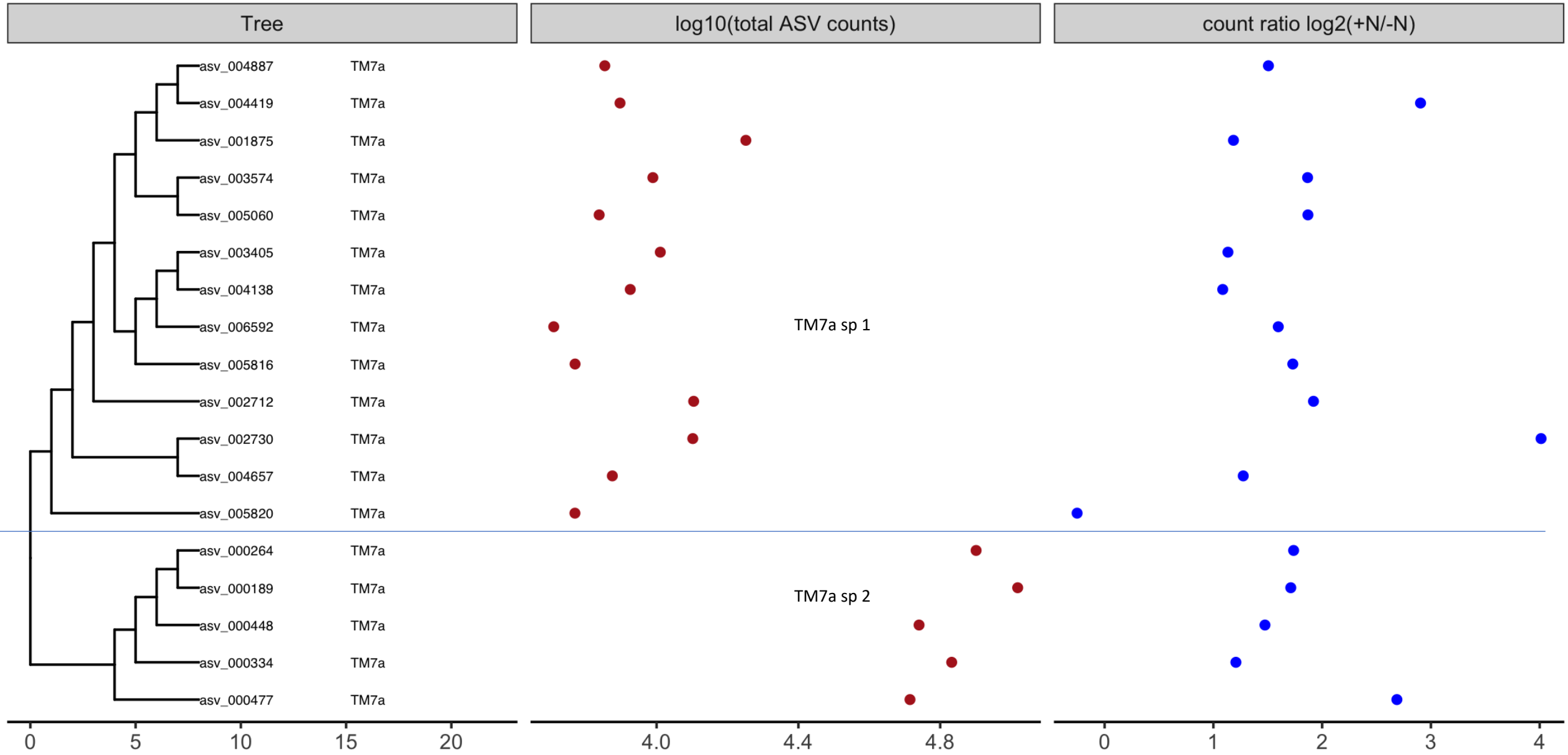
Catenulisporaceae



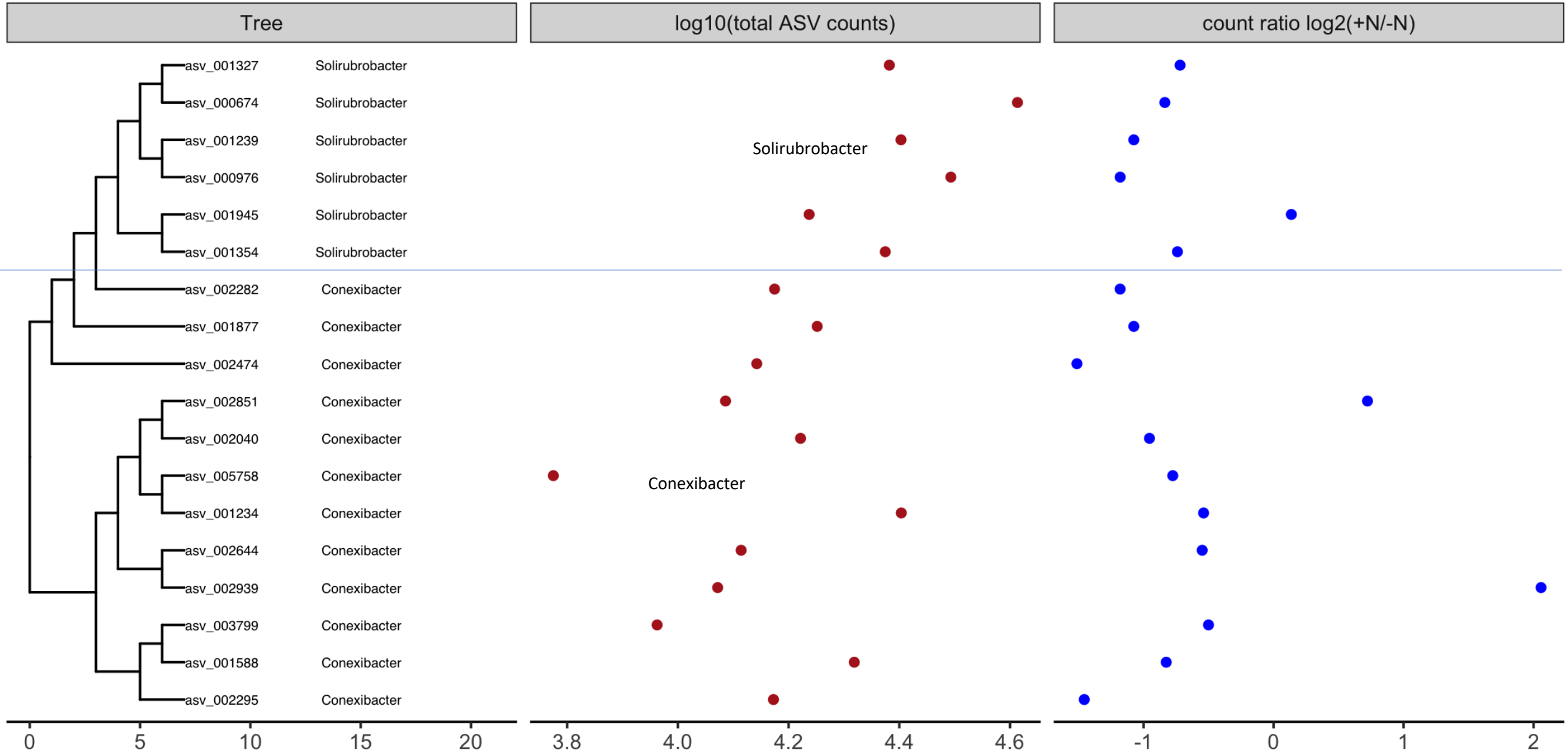
Acidothermaceae



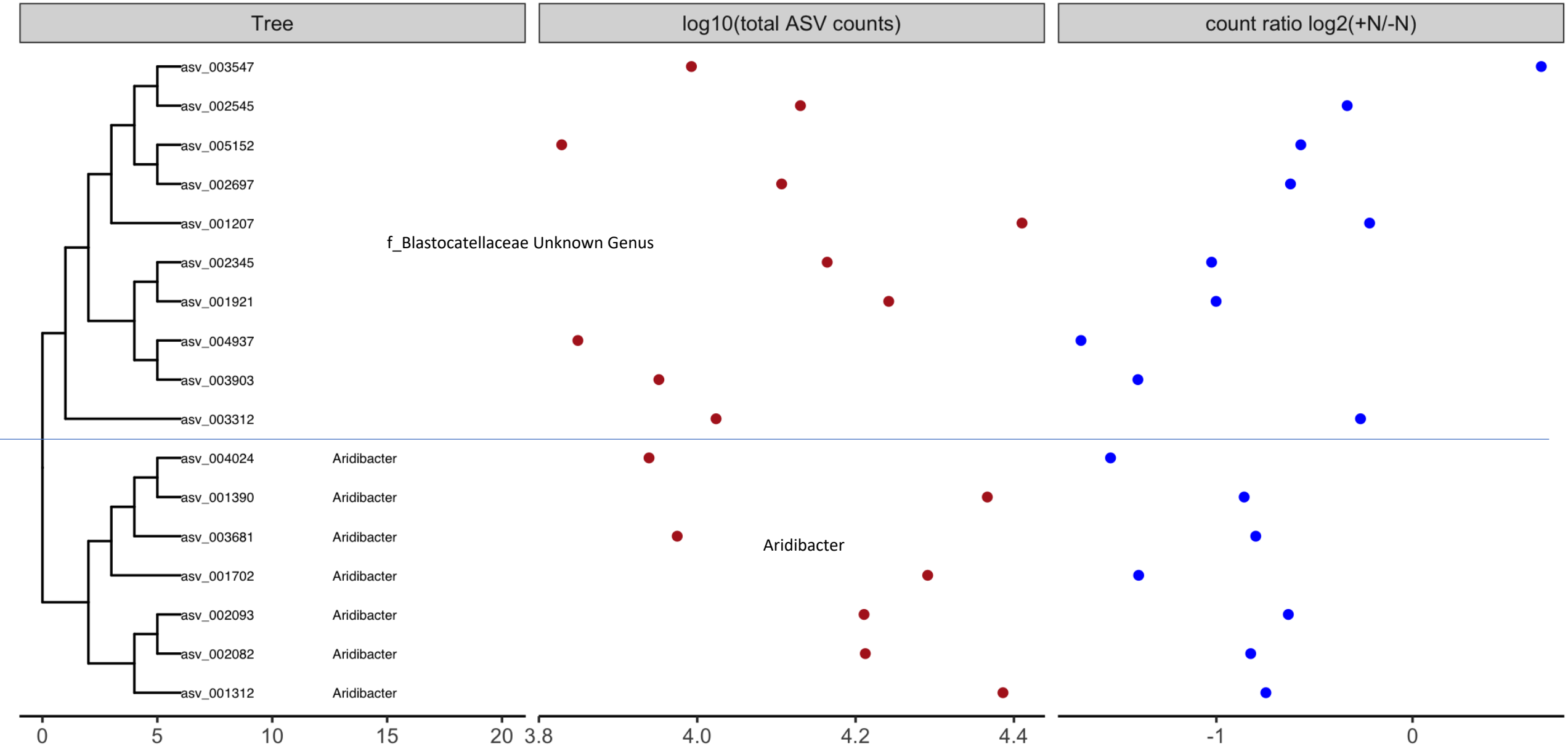
Saccharimonadaceae



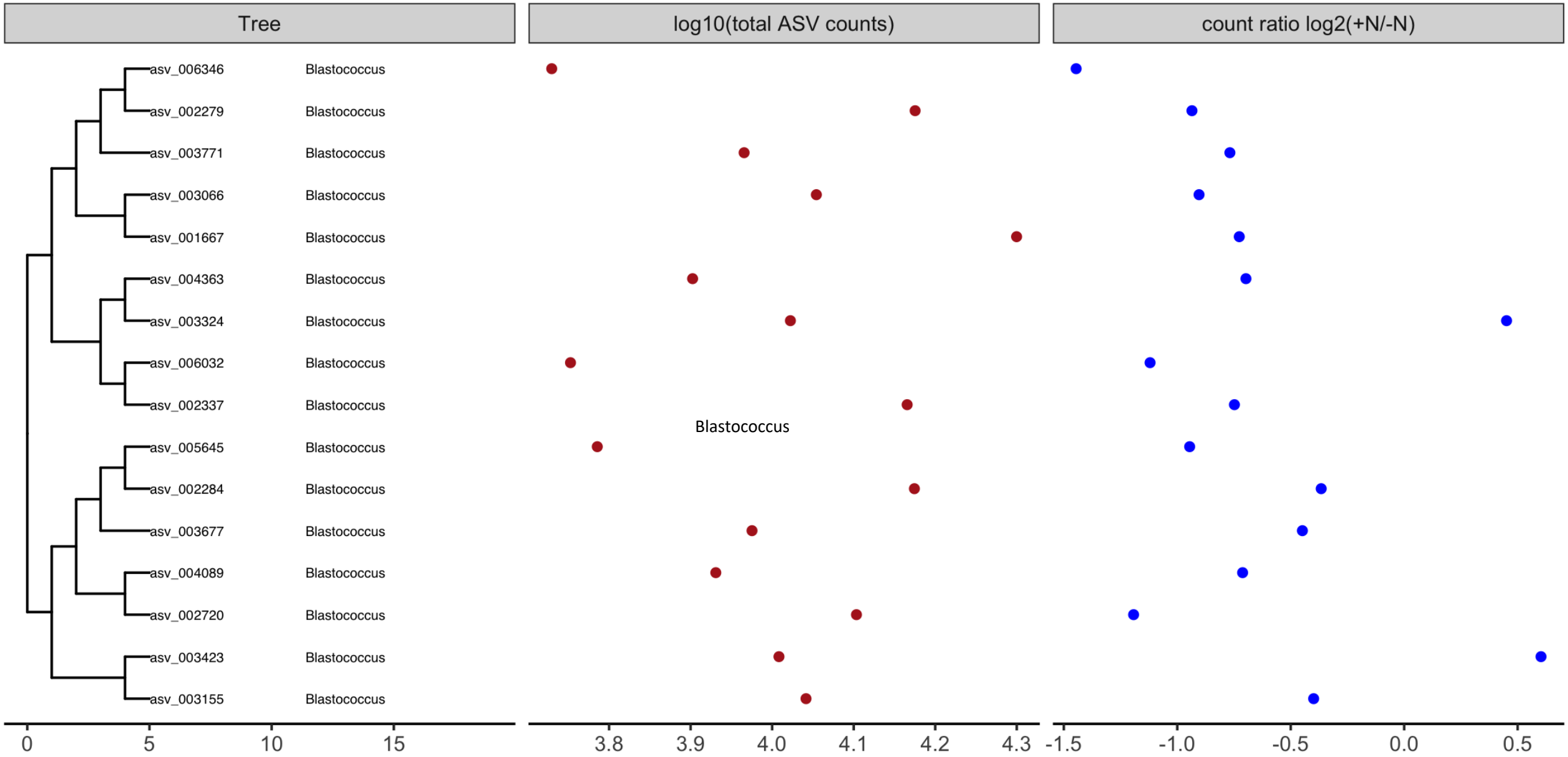
Solirubrobacteraceae



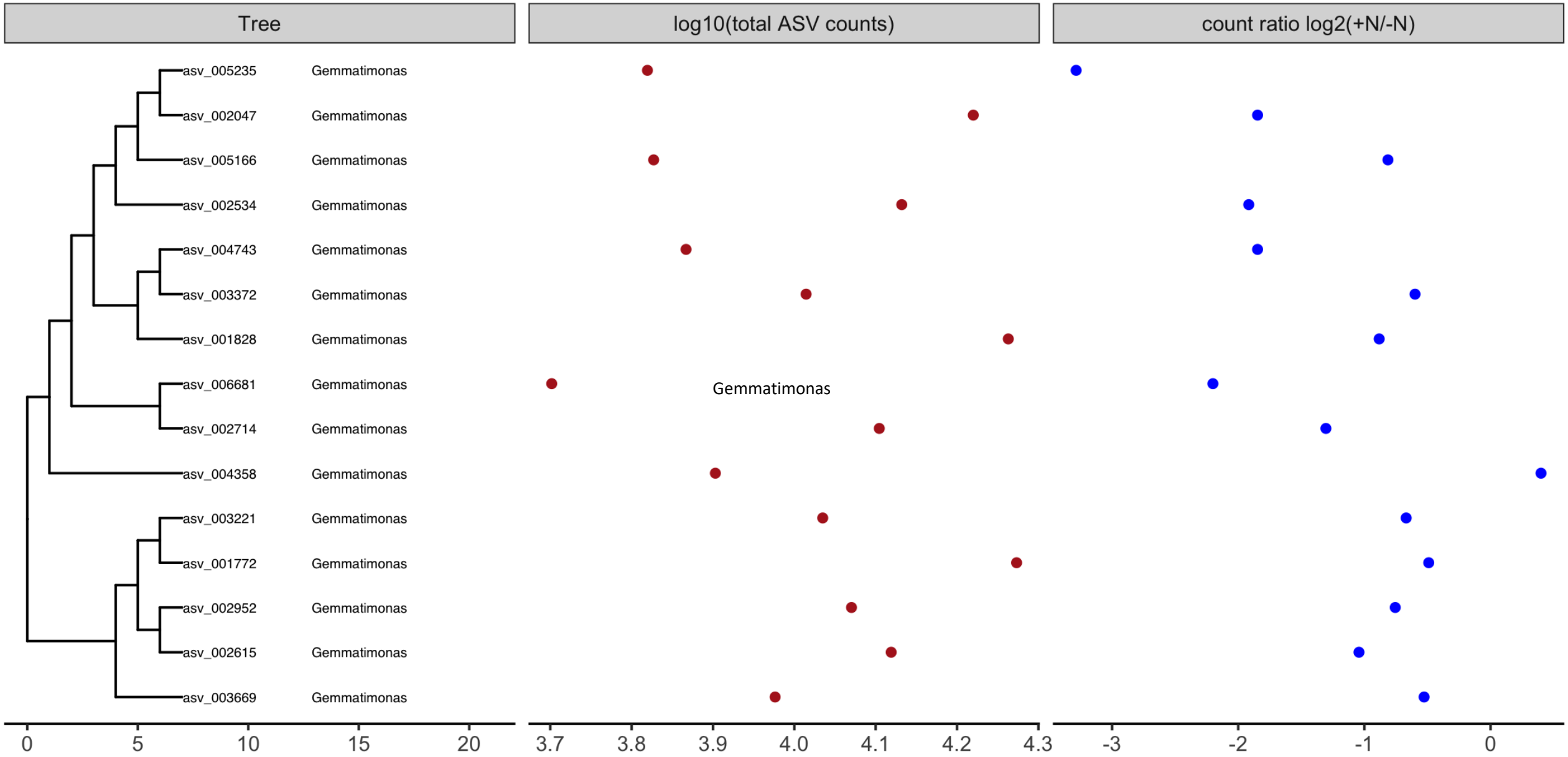
Blastocatellaceae



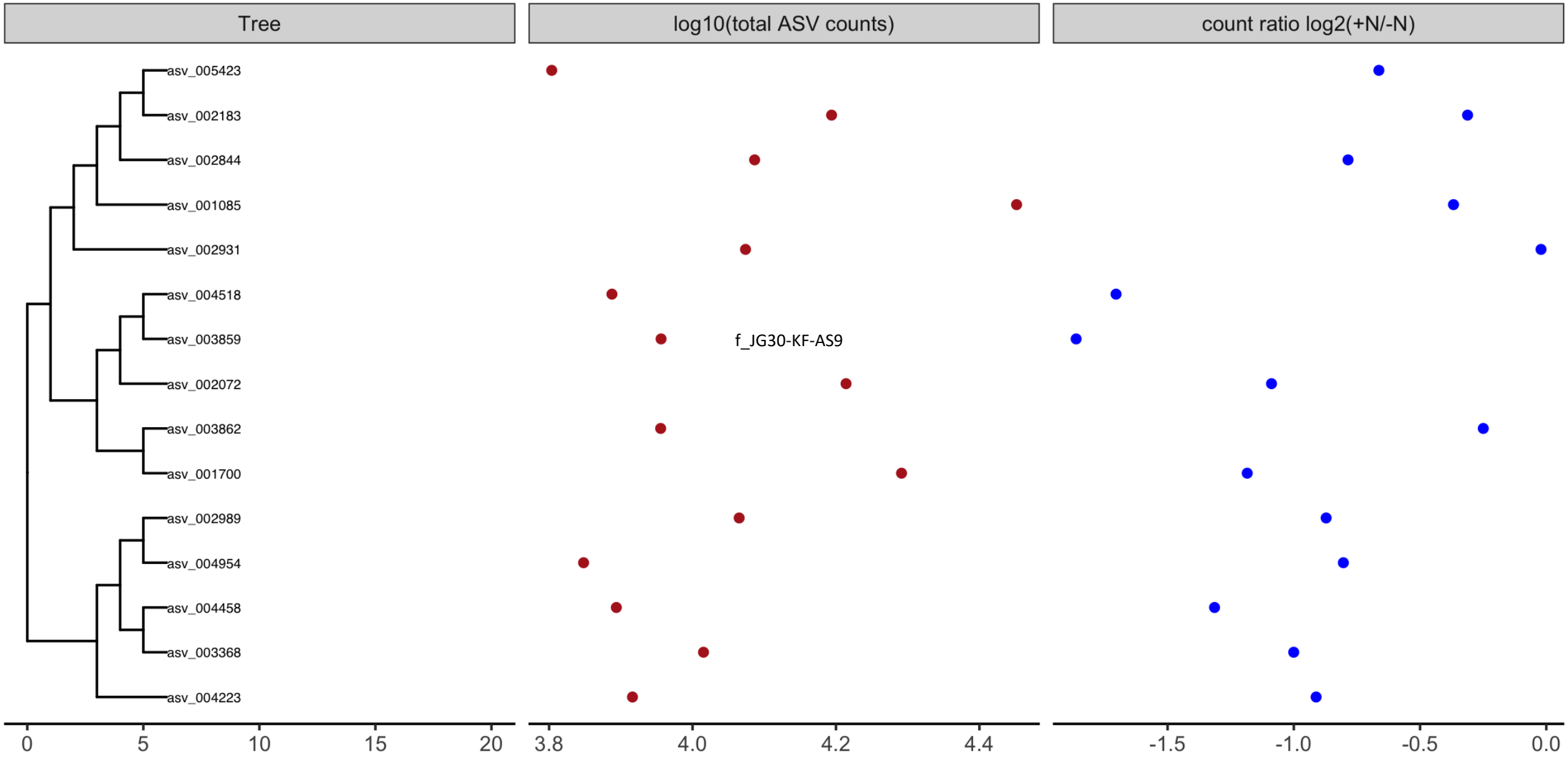
Geodermatophilaceae



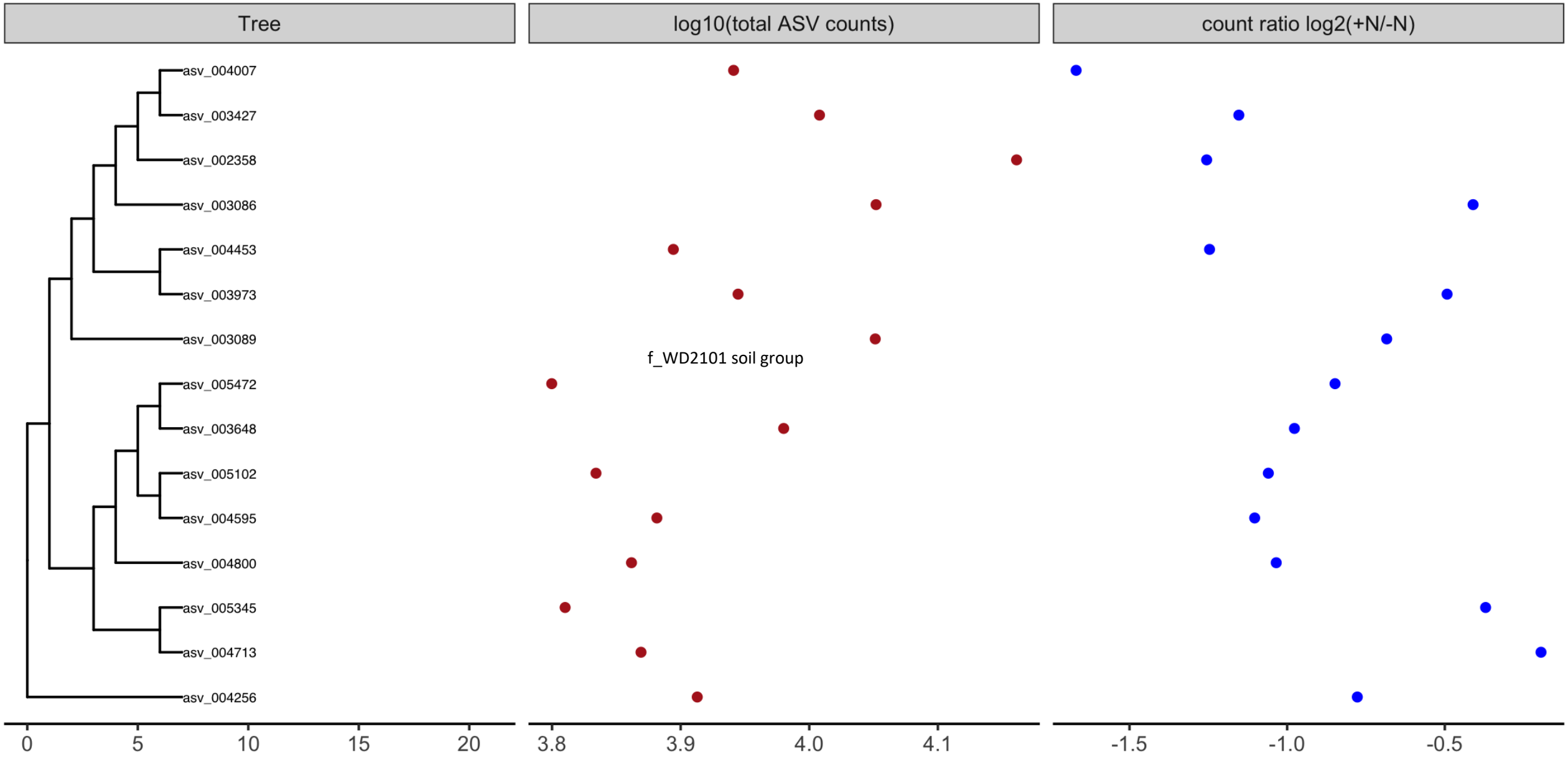
Gemmatimonadaceae



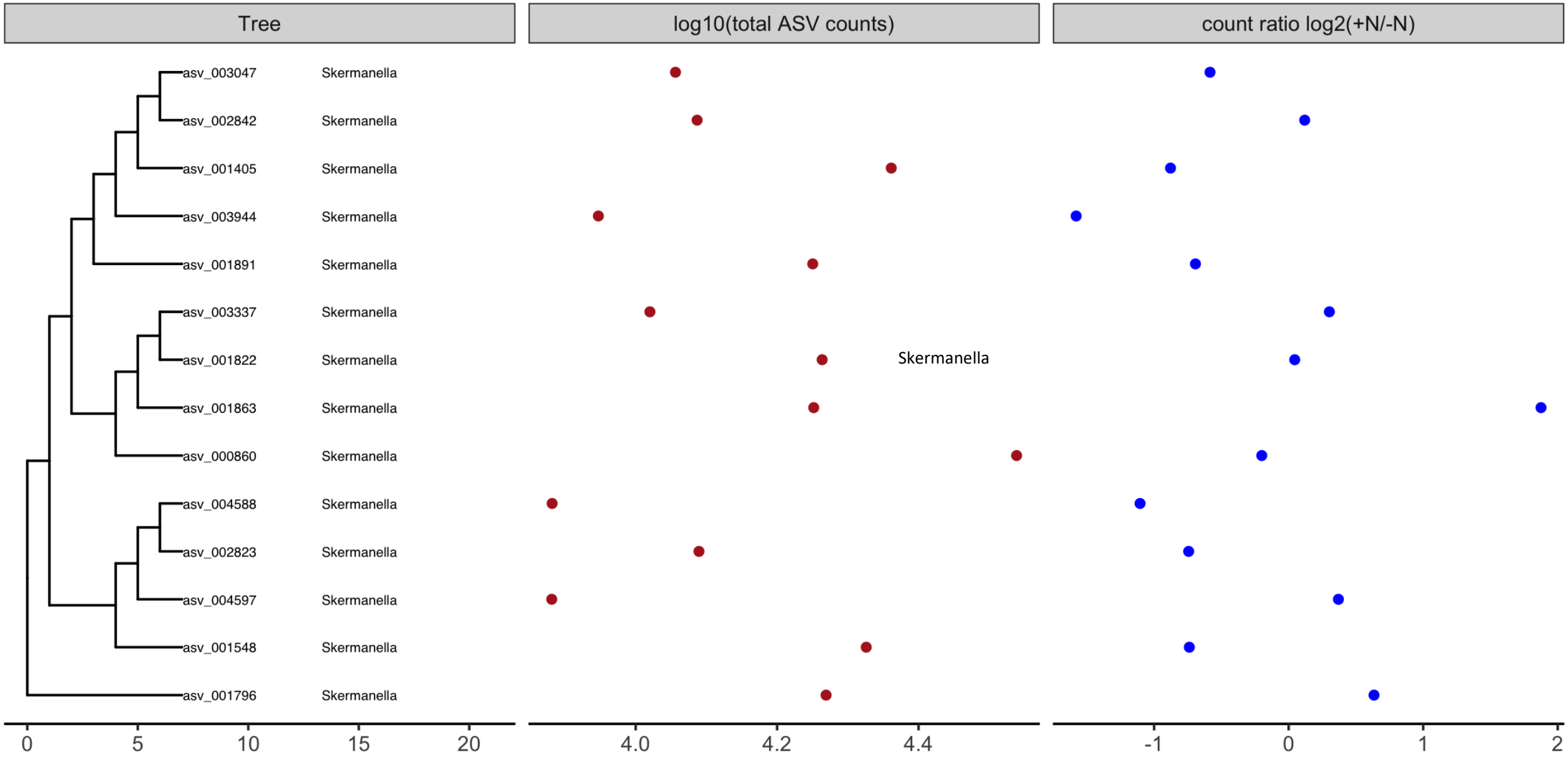
JG30-KF-AS9


Tree
log10(total ASV counts)
count ratio log2(+N/-N)
asv_005423
asv_002183
asv_002844
asv_001085
asv_002931
asv_004518
asv_003859
asv_002072
asv_003862
asv_001700
asv_002989
asv_004954
asv_004458
asv_003368
asv_004223
f_JG30-KF-AS9
0
5
10
15
20
3.8
4.0
4.2
4.4
-1.5
-1.0
-0.5
0.0

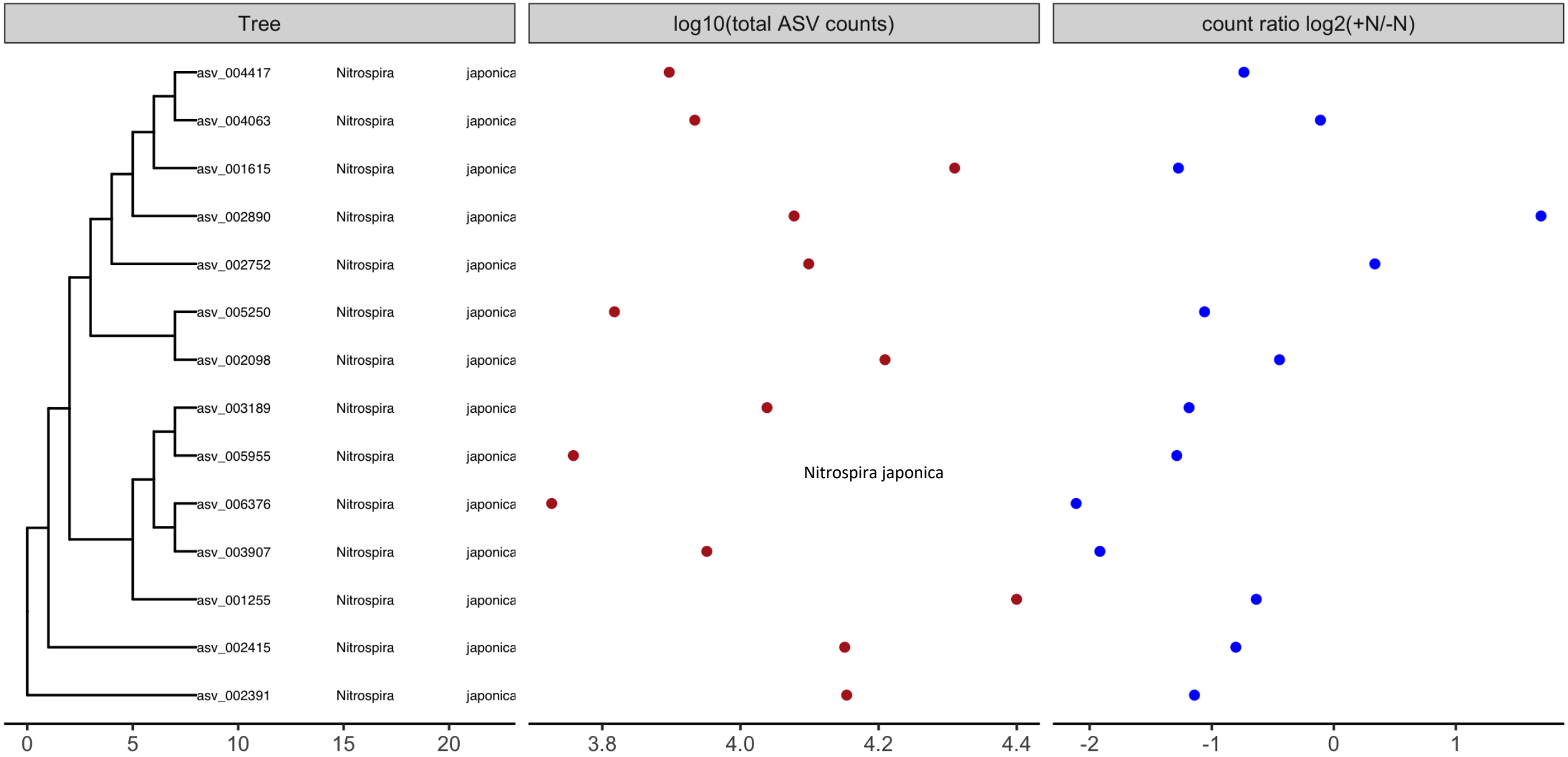
WD2101 soil group



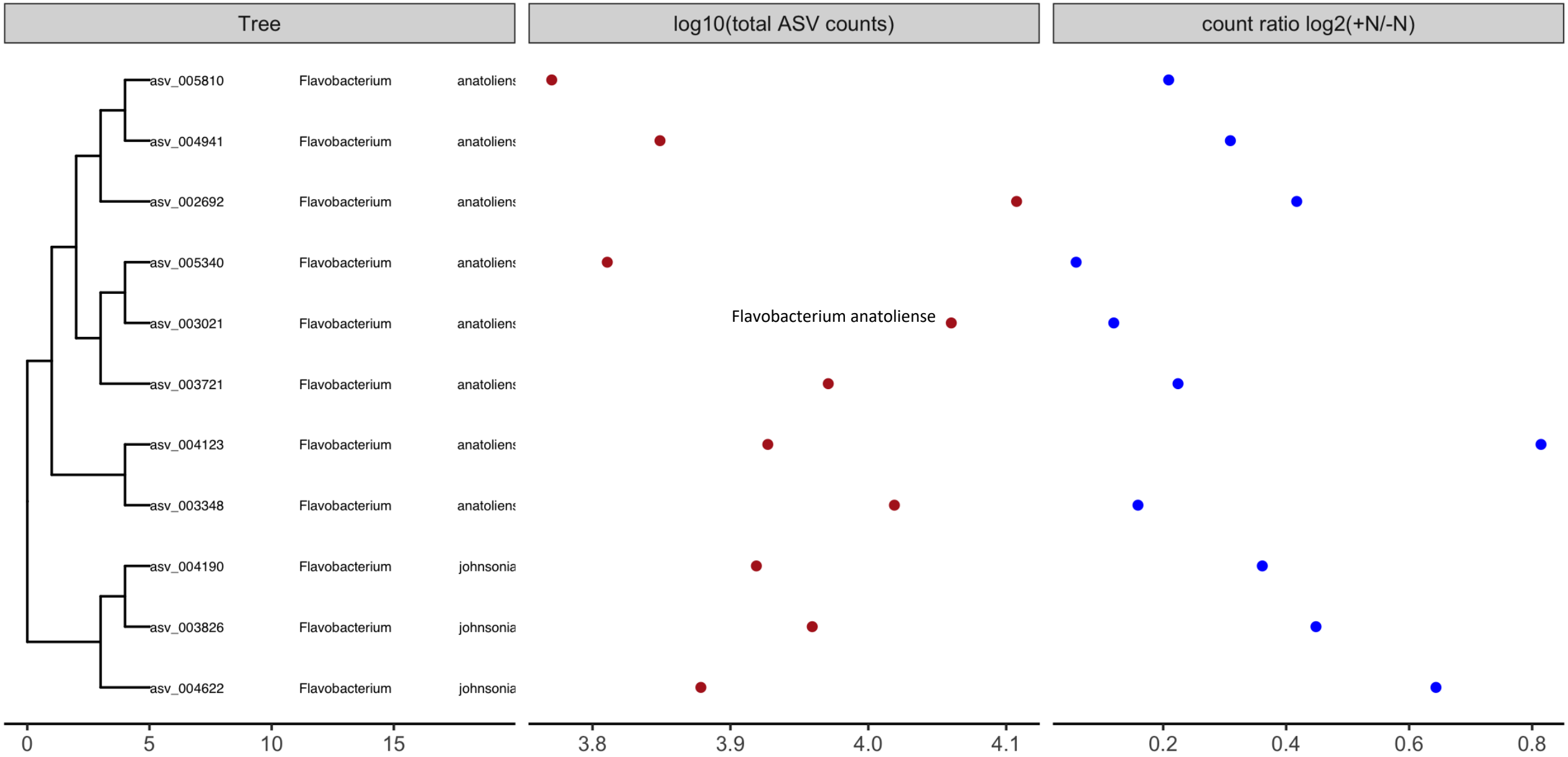
Azospirillaceae



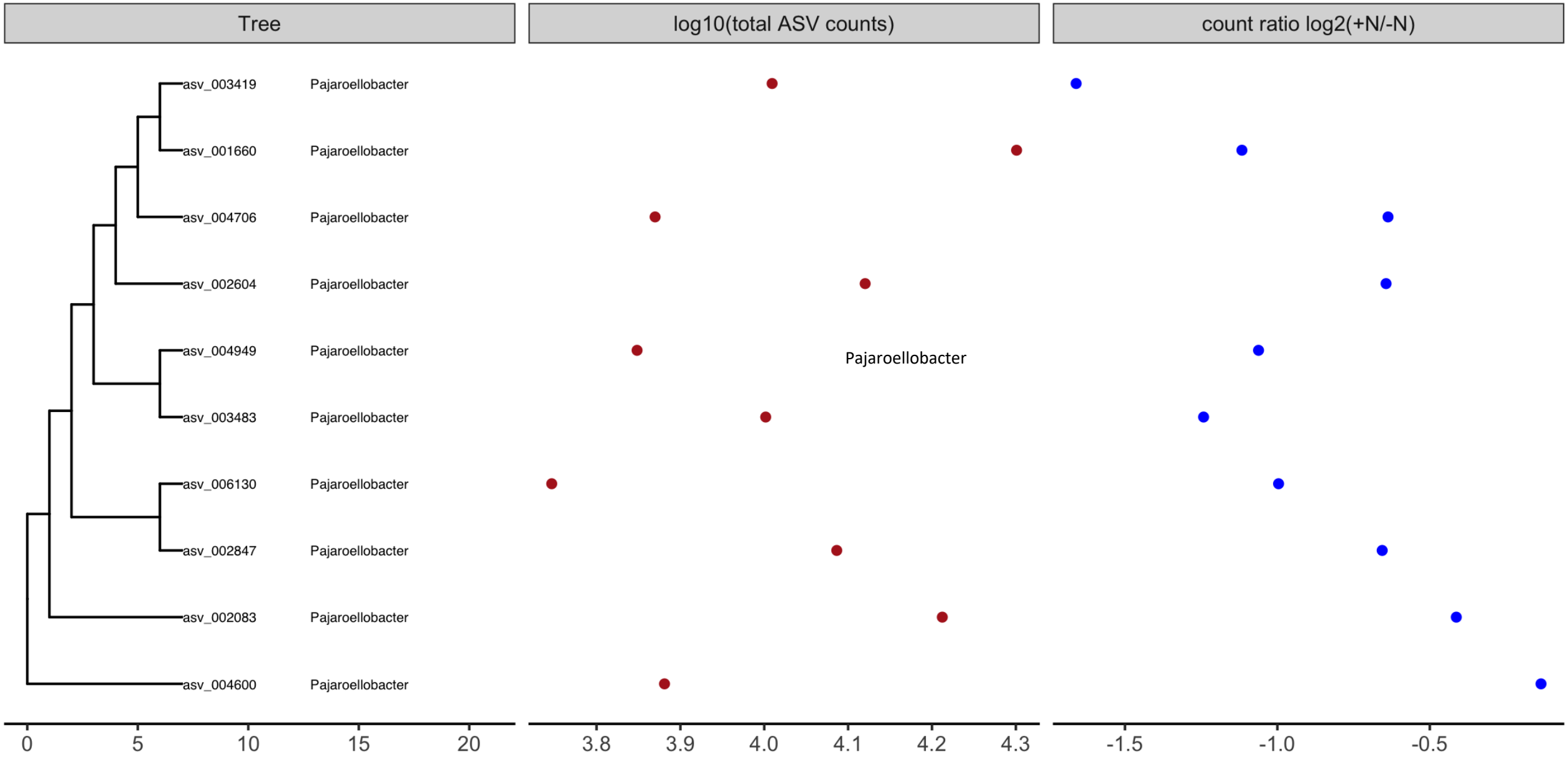
Nitrospiraceae



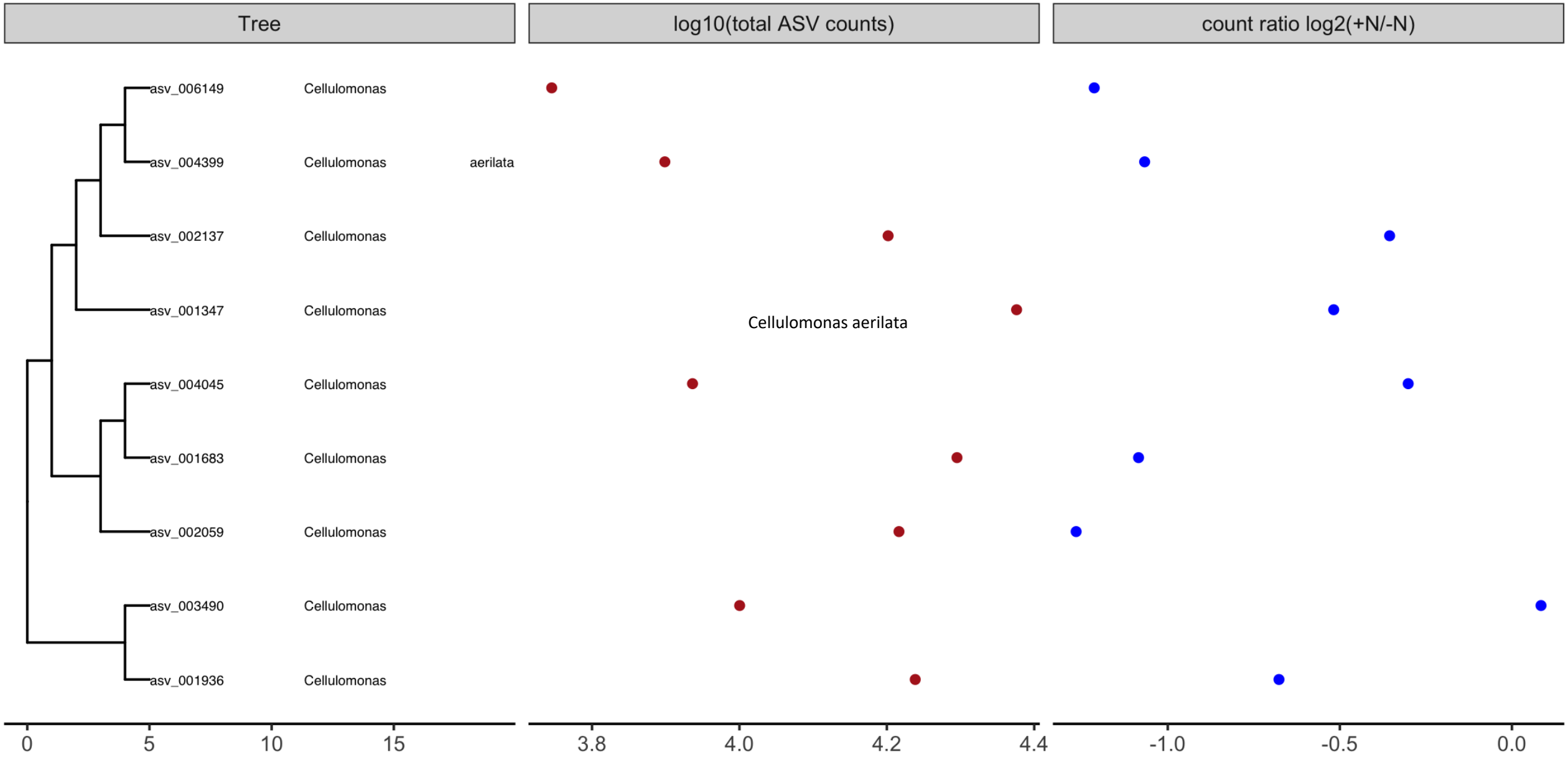
Flavobacteriaceae



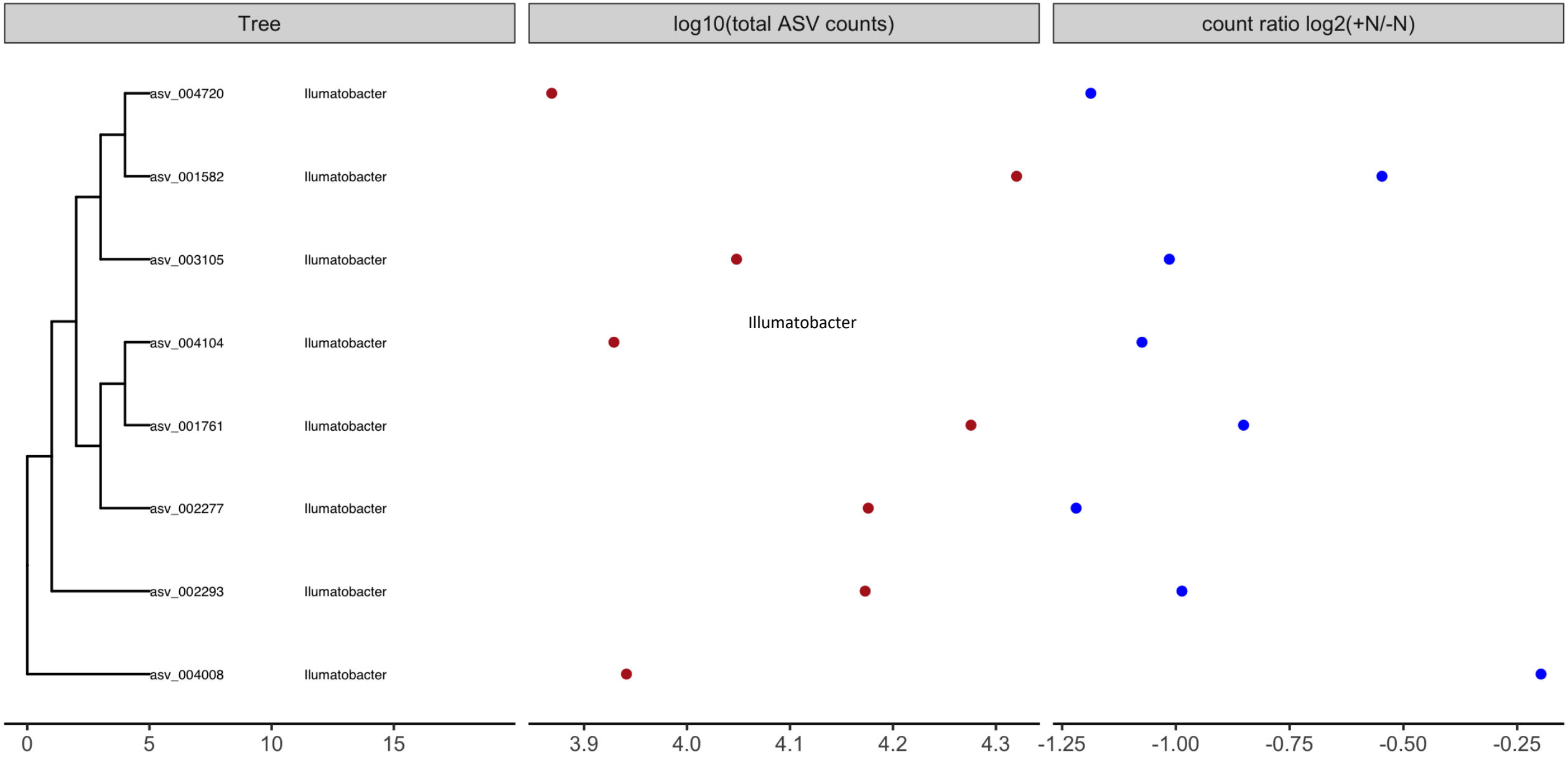
Polyangiaceae



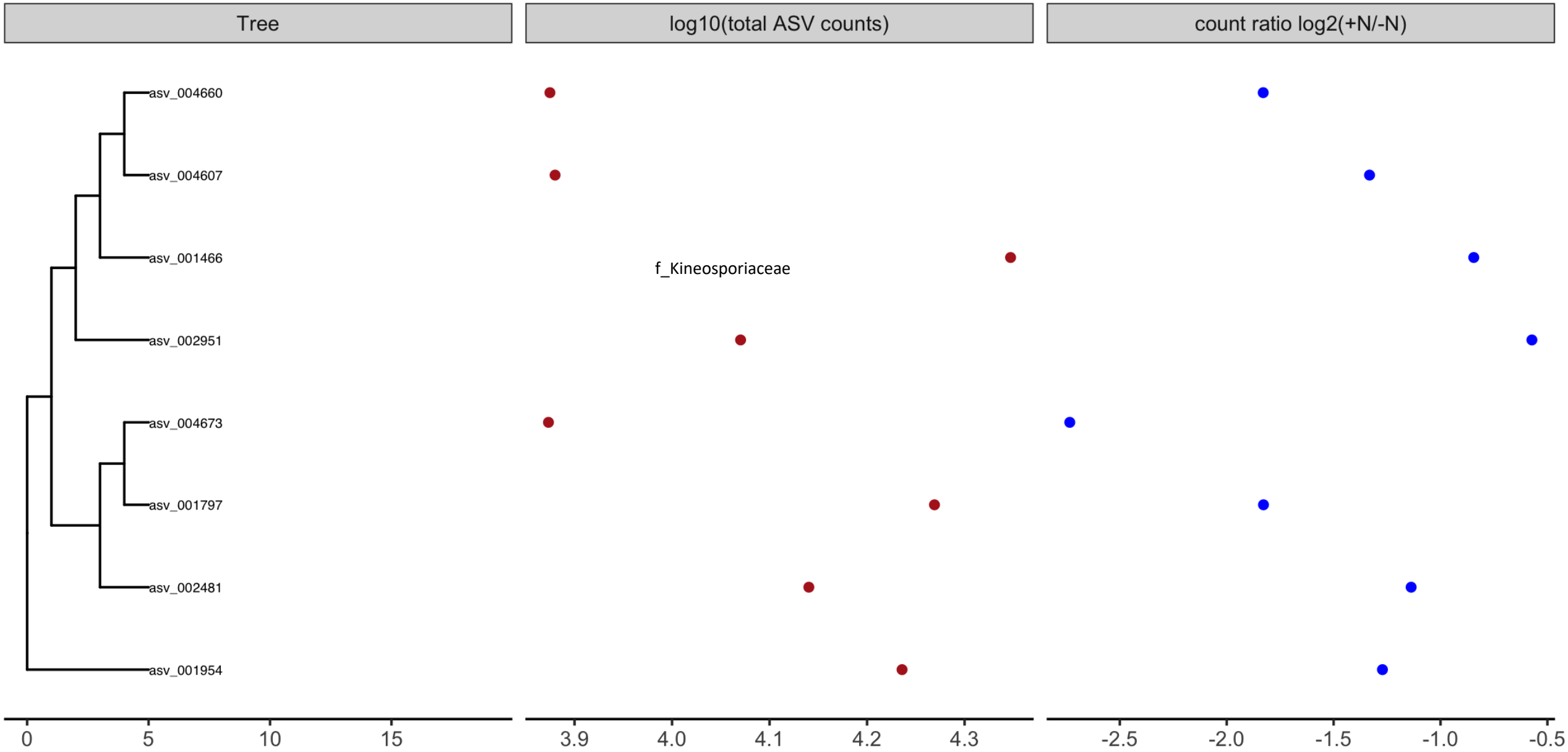
Cellulomonadaceae



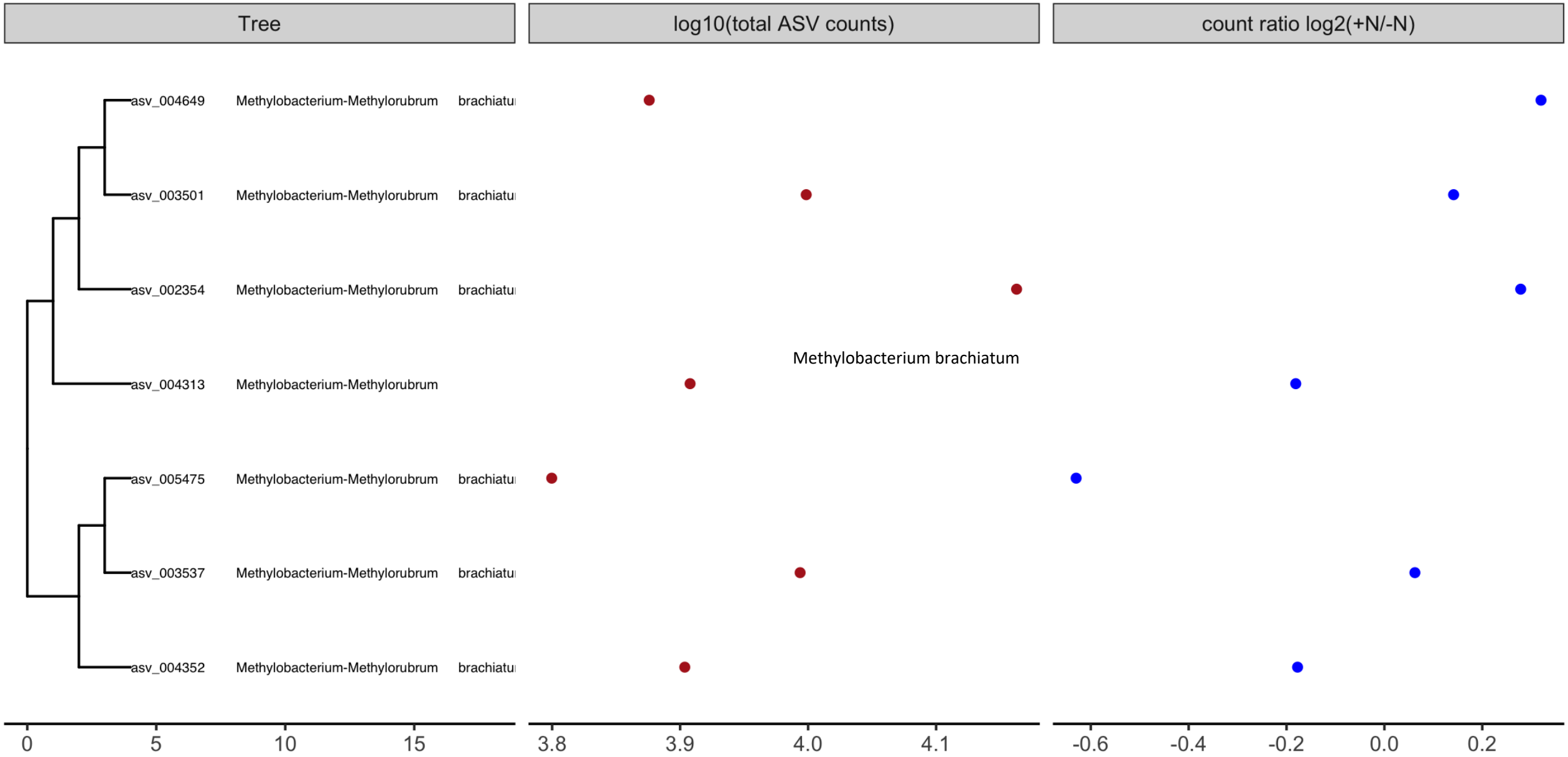
Ilumatobacteraceae



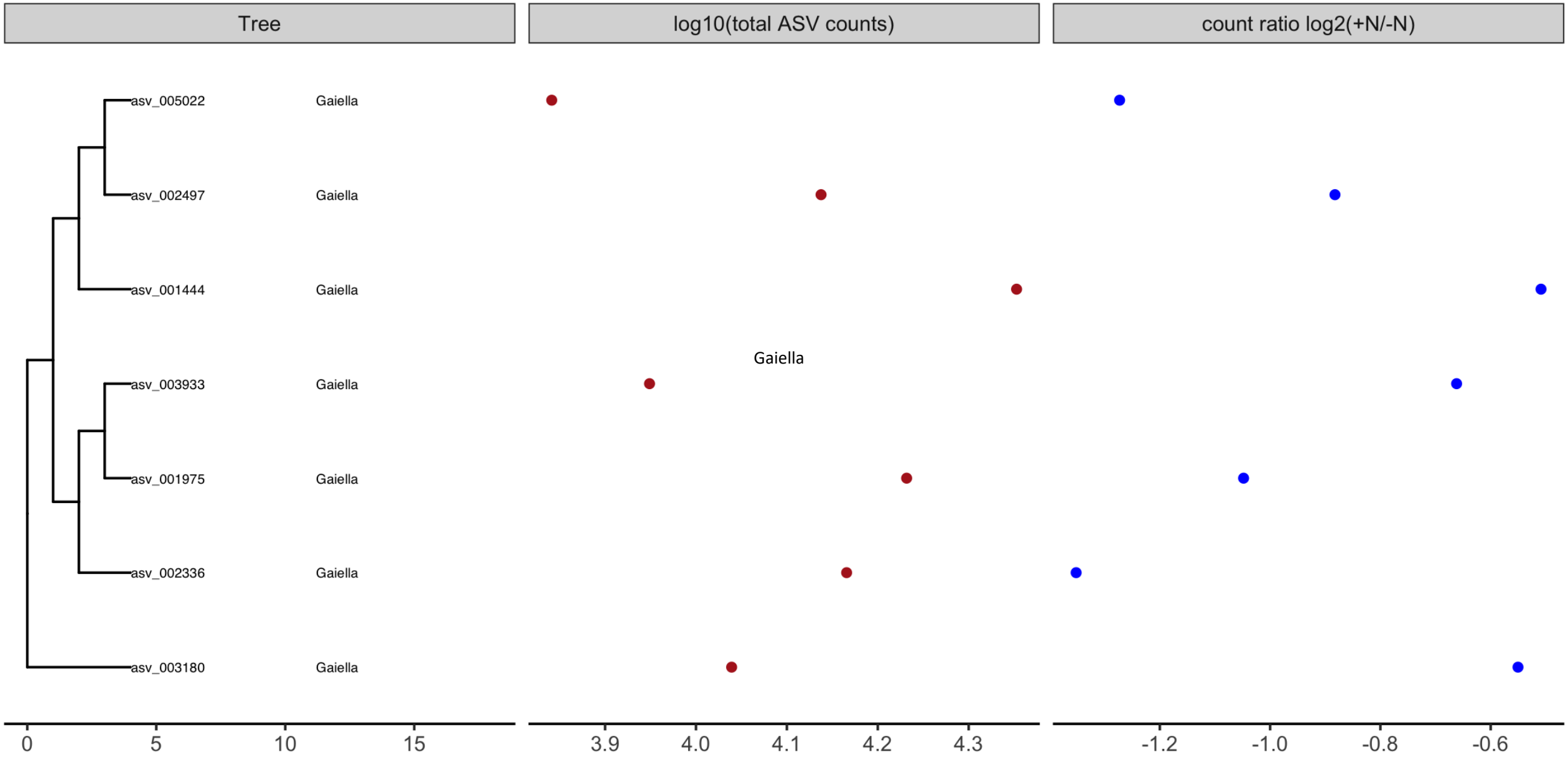
Kineosporiaceae



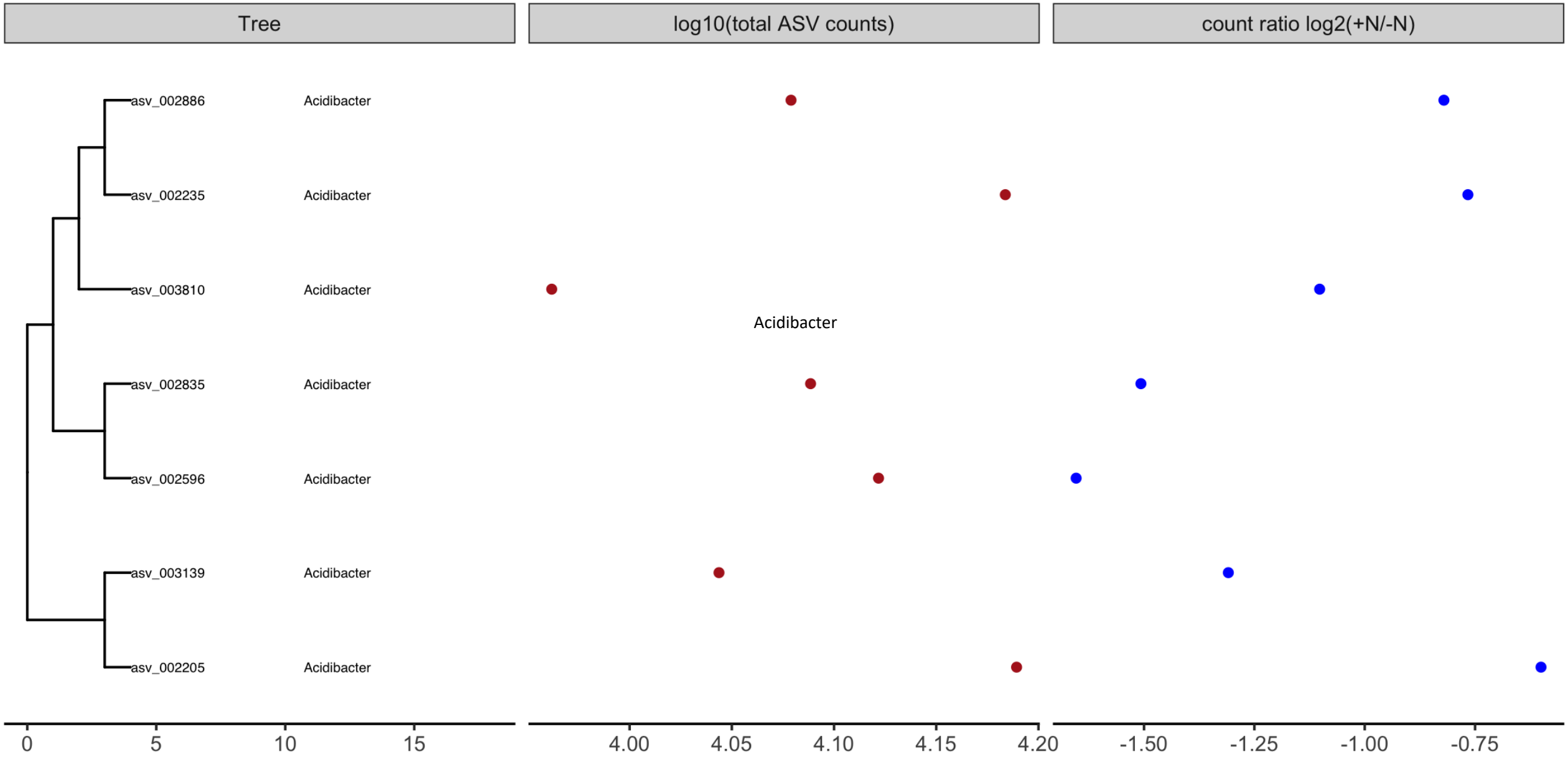
Beijerinckiaceae



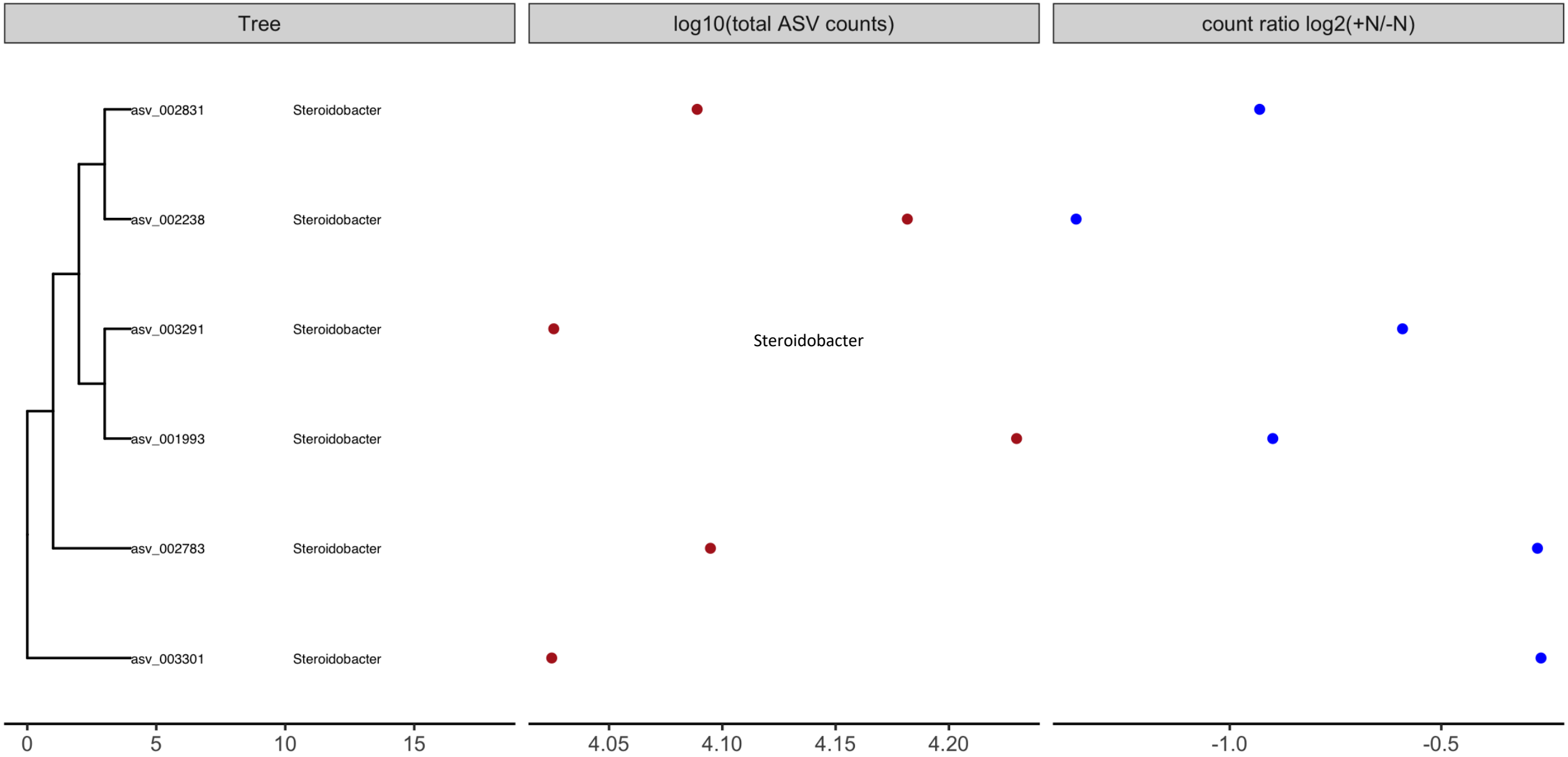
Gaiellaceae



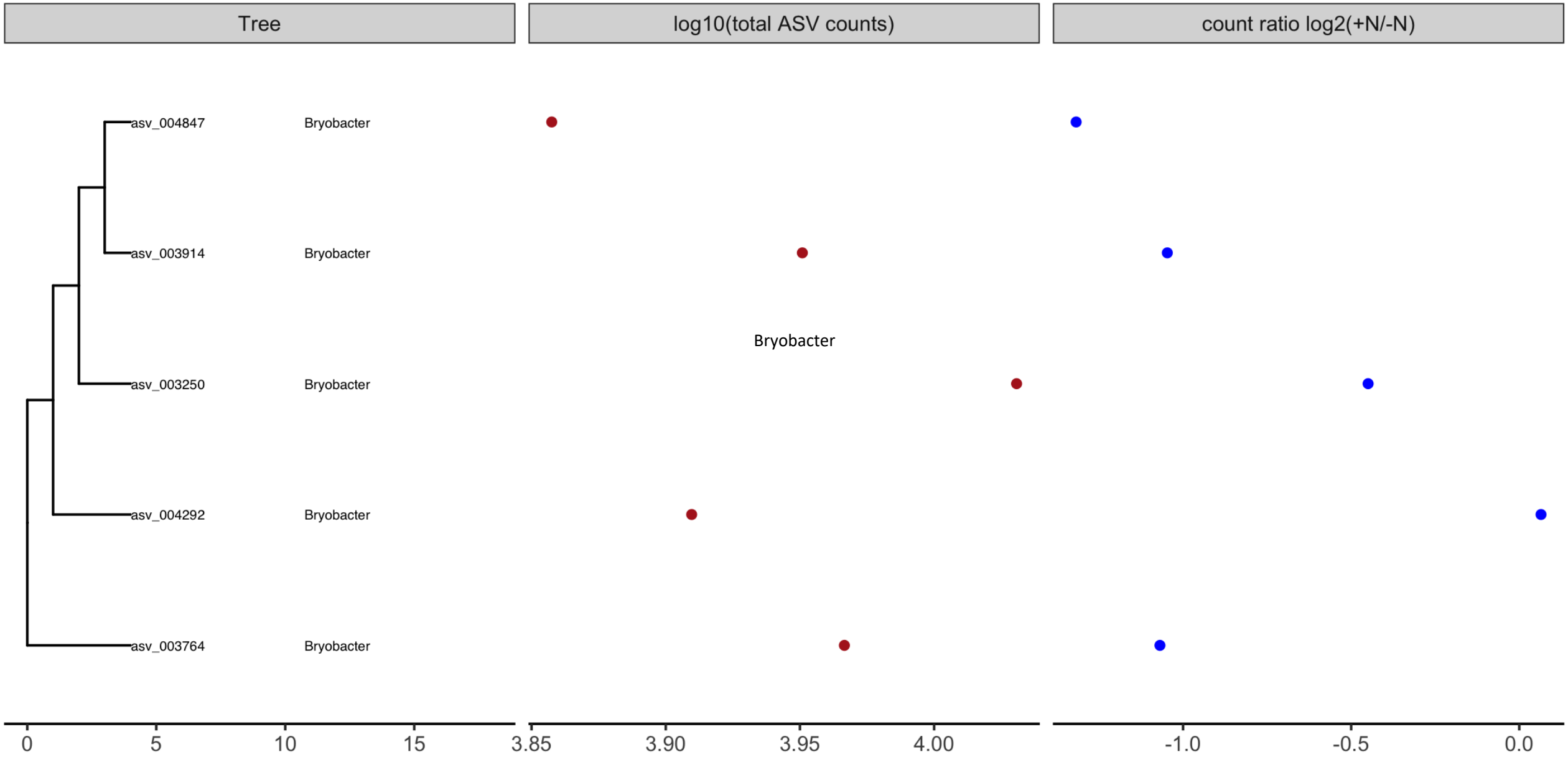
Unknown Family



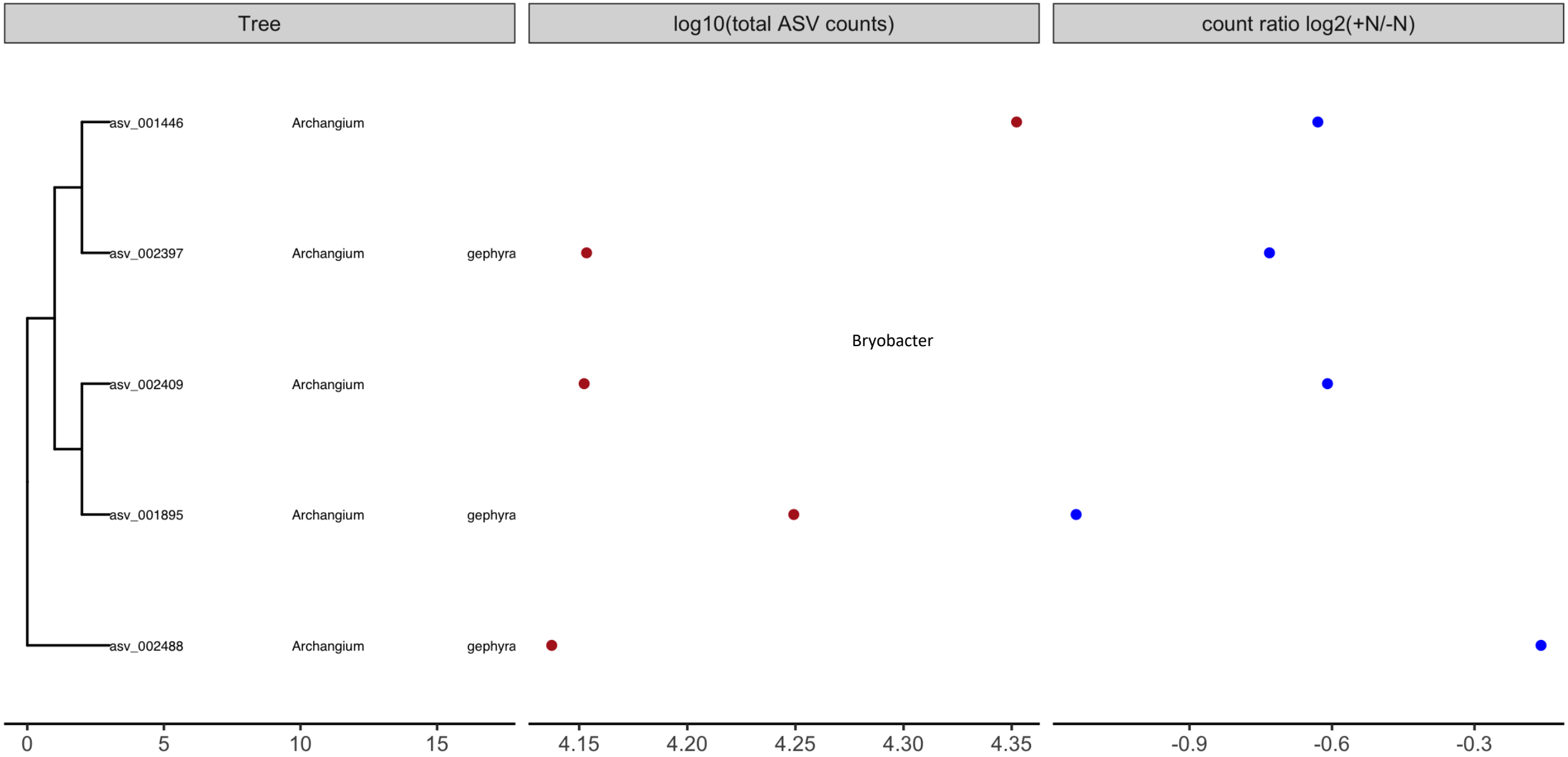
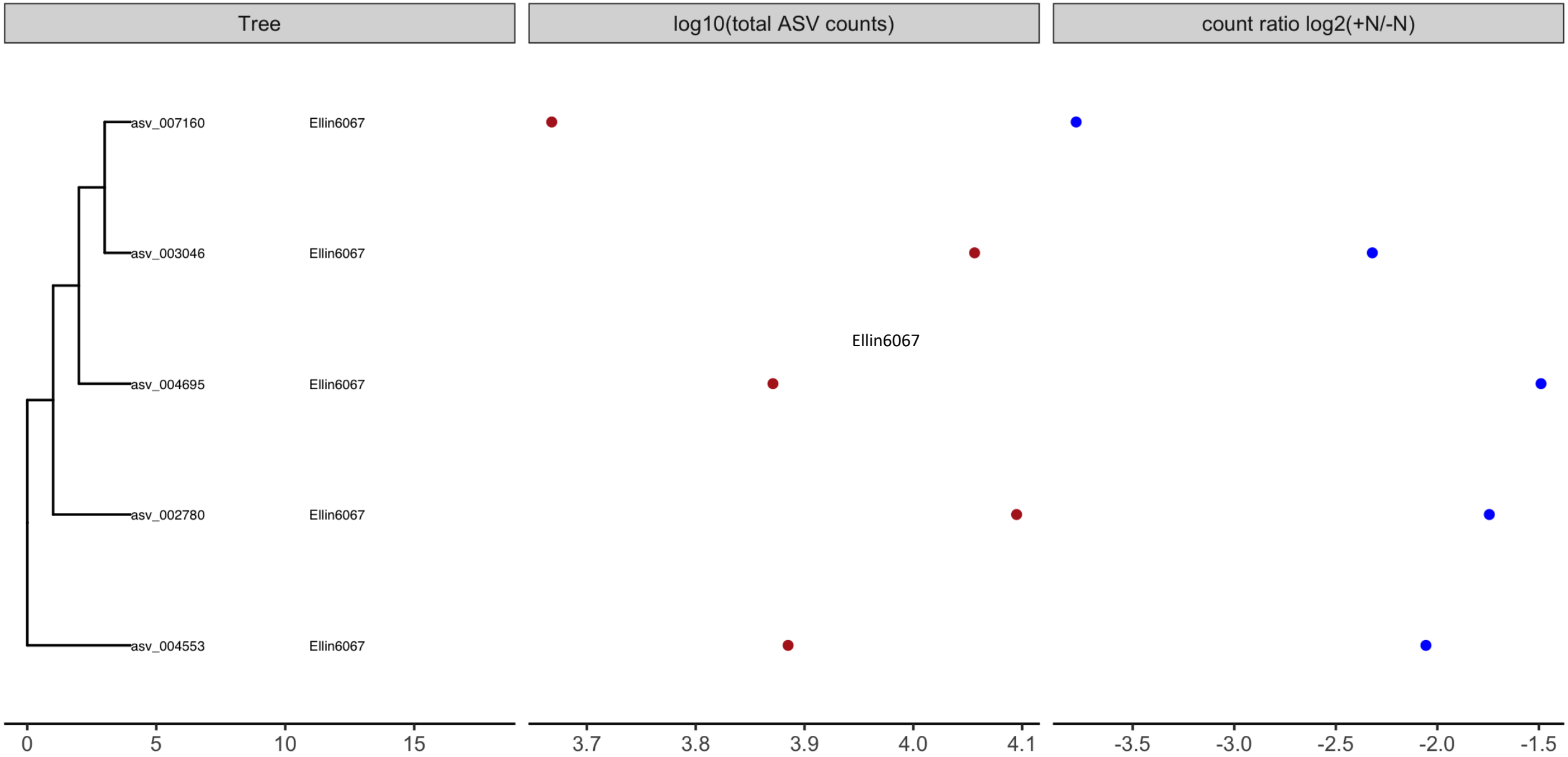
Steroidobacteraceae



Bryobacteraceae



Myxococcaceae



Nitrosomonadaceae