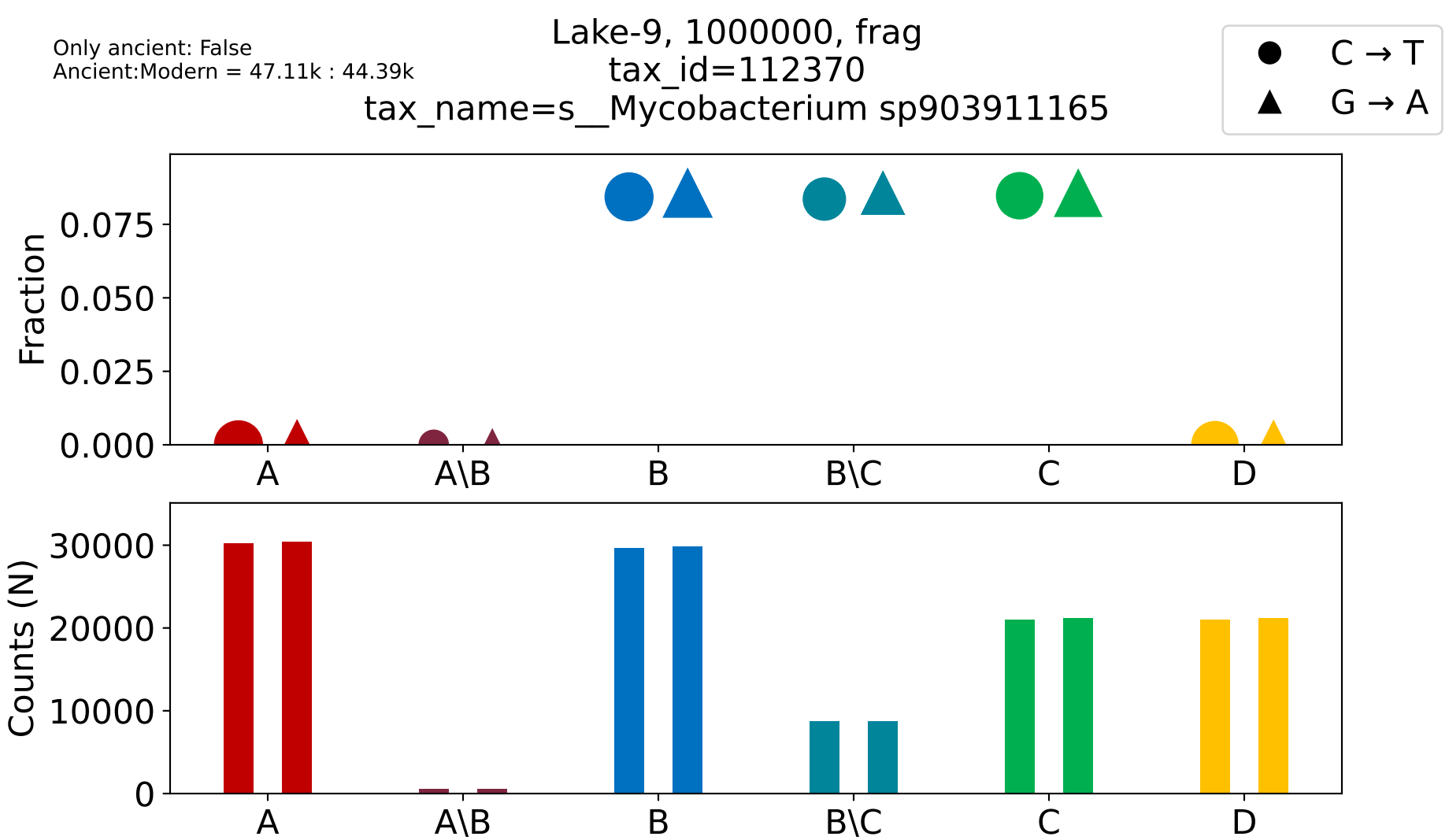
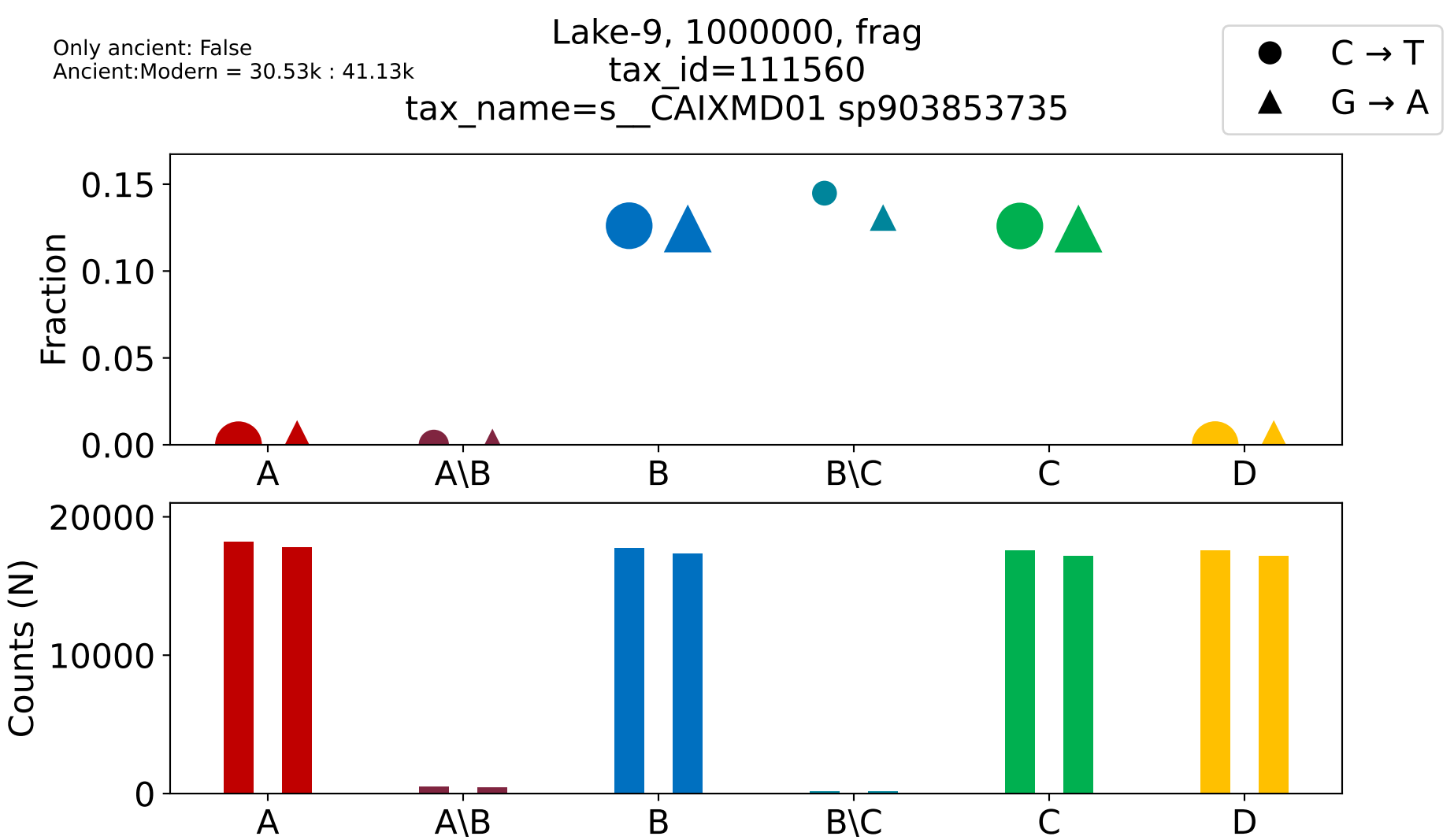
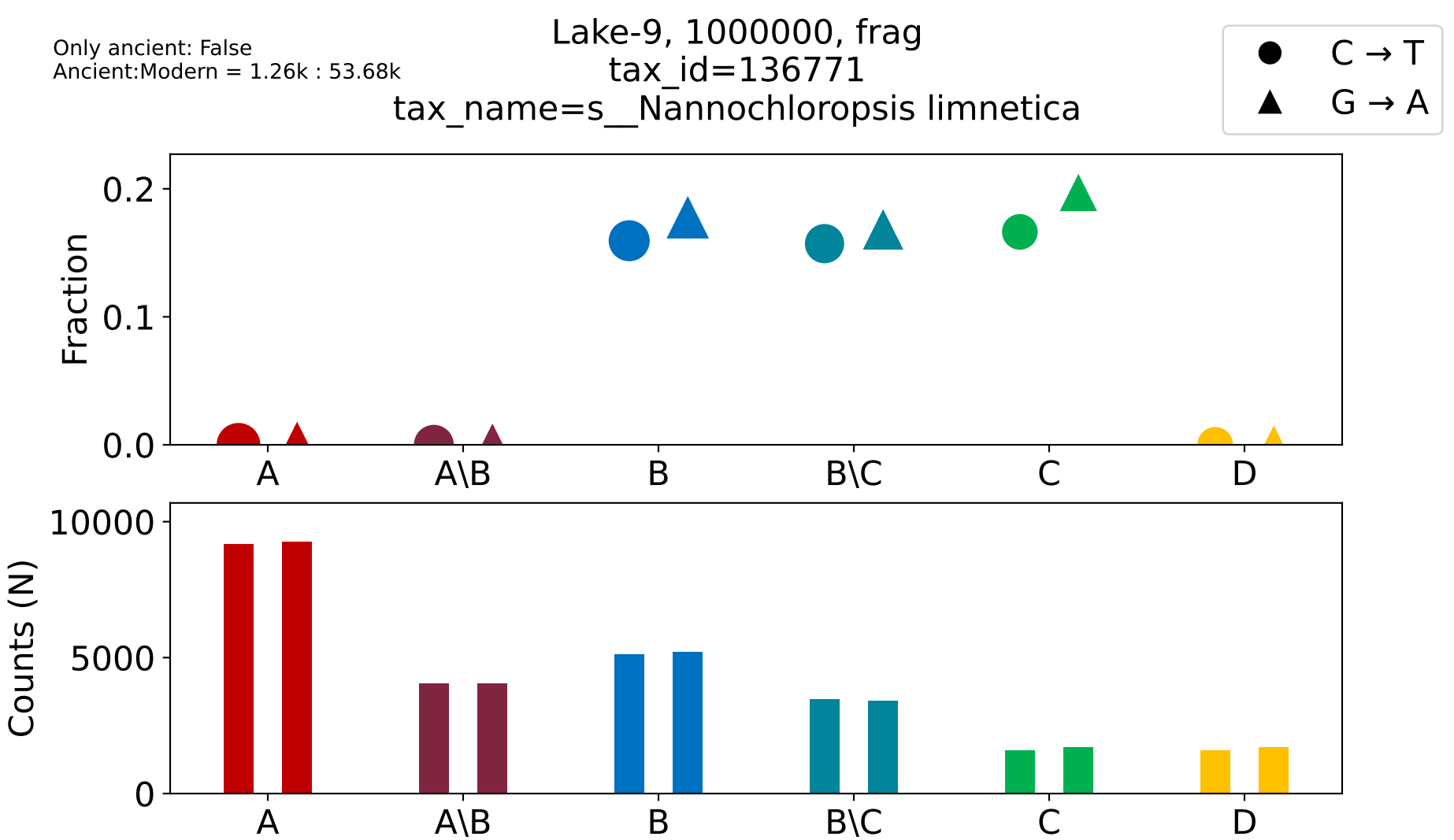
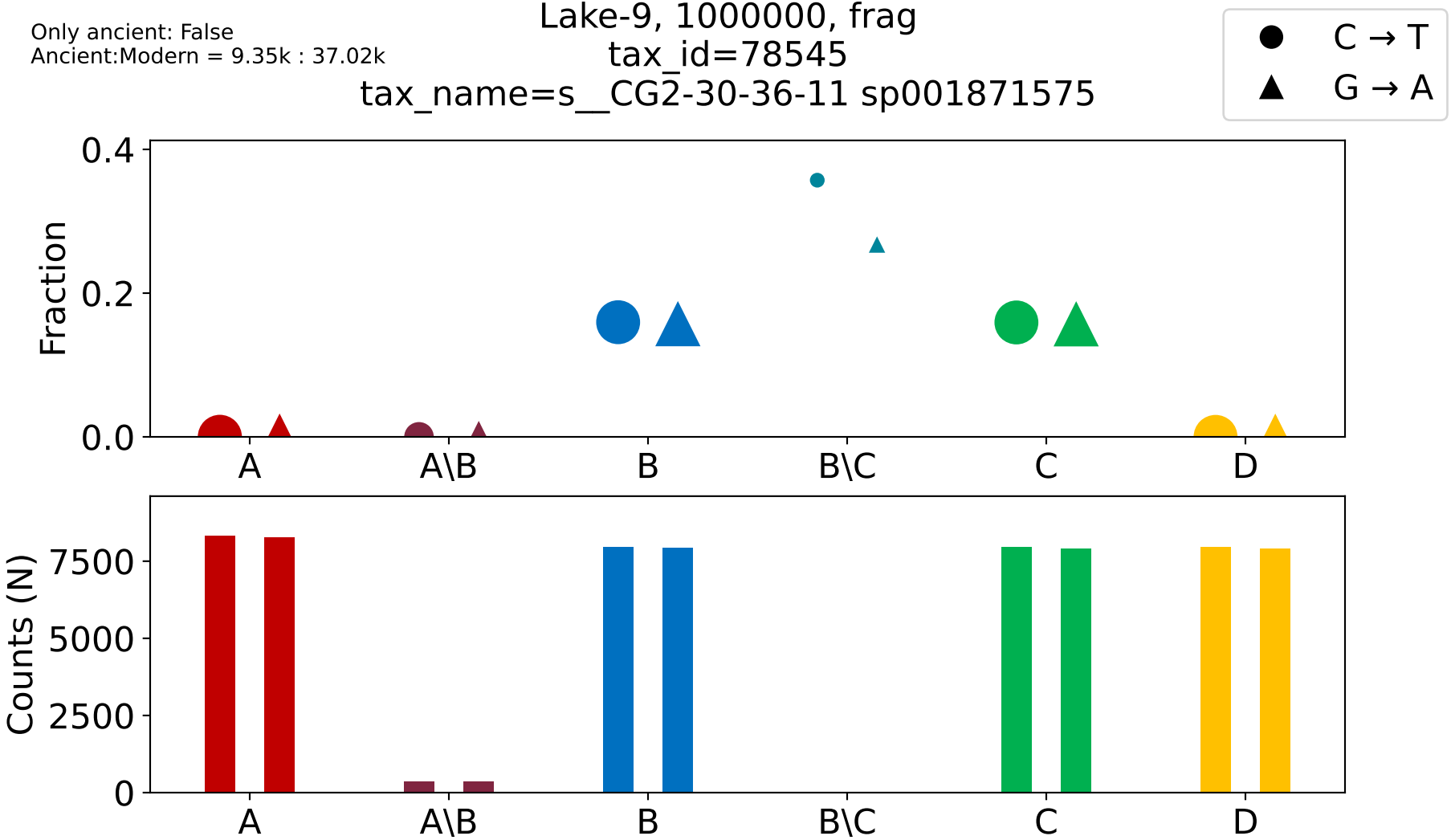
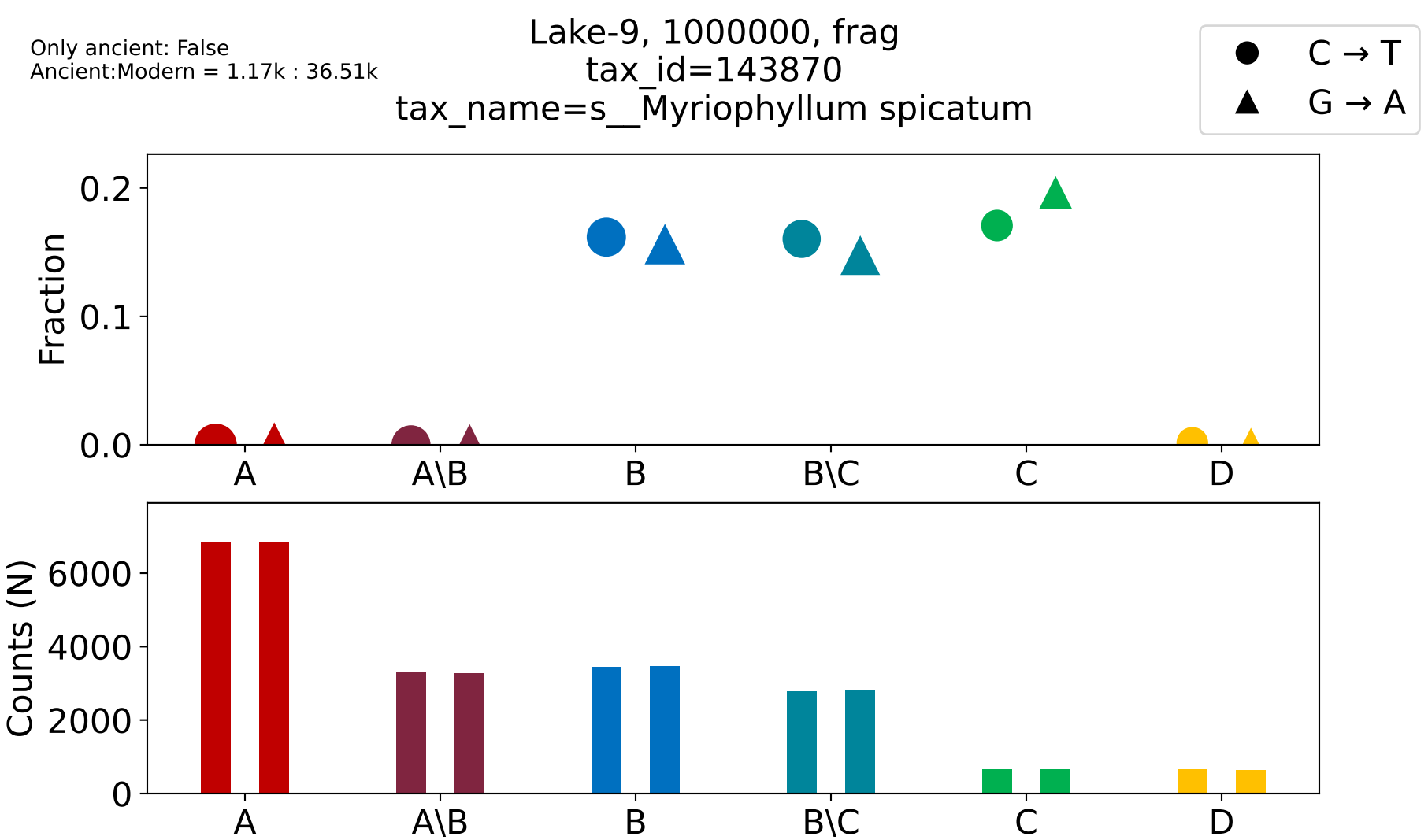
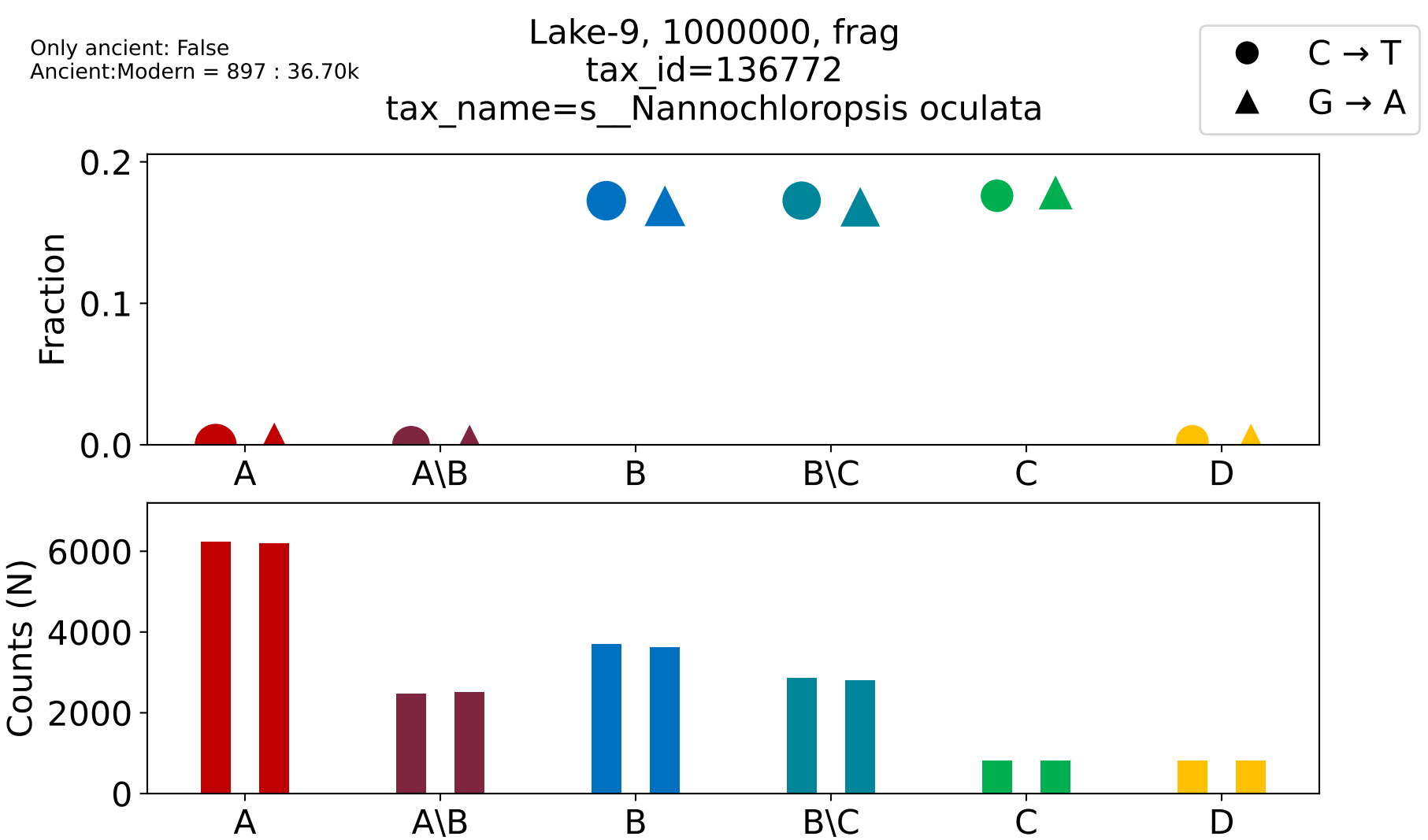

Only ancient: False
Ancient:Modern = 47.11k : 44.39k
Lake-9, 1000000, frag
tax_id=112370
tax_name=s__Mycobacterium sp903911165
C → T
G → A
Fraction
0.075
0.050
0.025
0.000
A
A\B
B
B\C
C
D
Counts (N)
30000
20000
10000
0
A
A\B
B
B\C
C
D

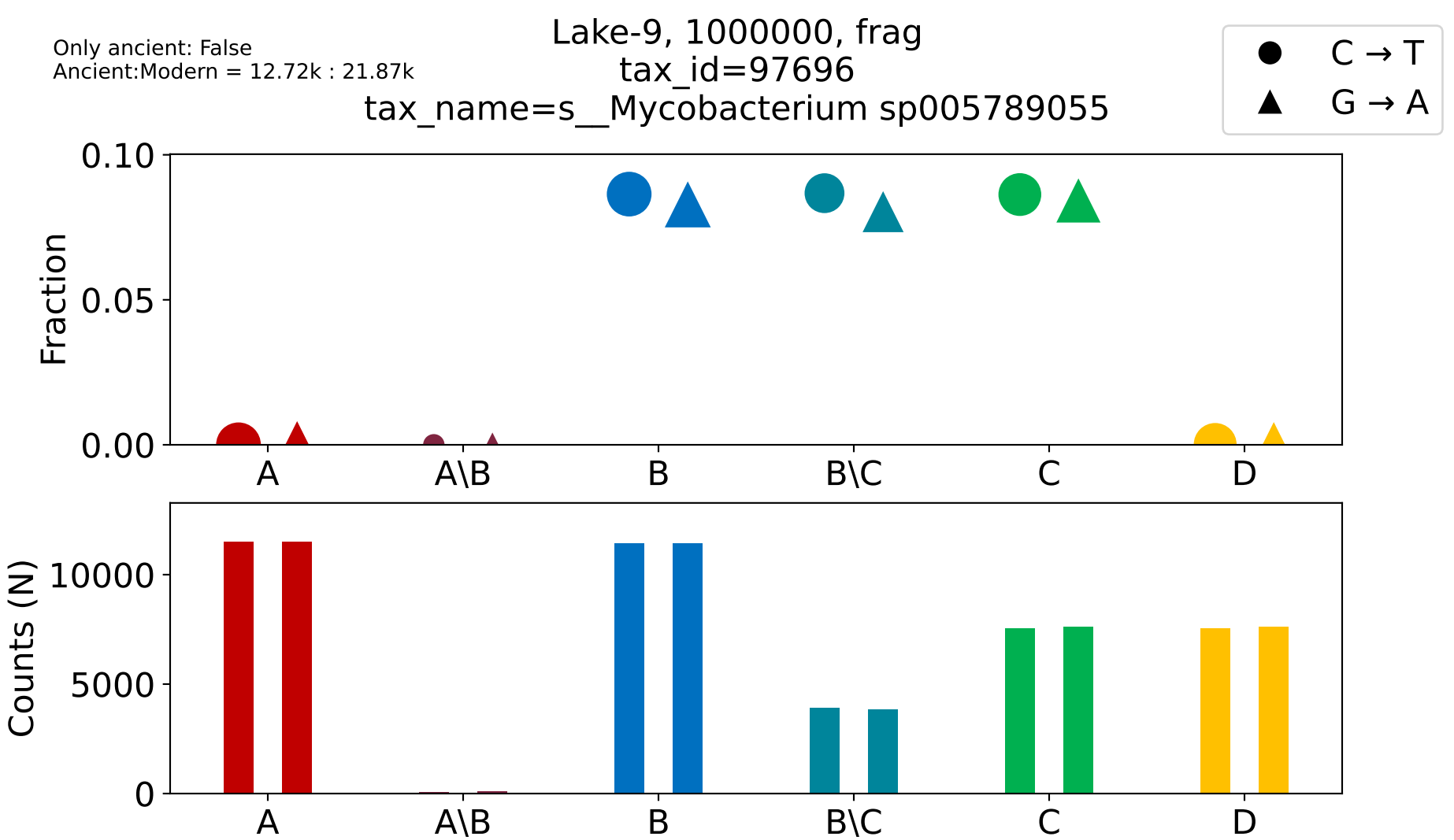

Only ancient: False
Ancient:Modern = 30.53k : 41.13k
Lake-9, 1000000, frag
tax_id=111560
tax_name=s__CAIXMD01 sp903853735
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
20000
10000
0
A
A\B
B
B\C
C
D

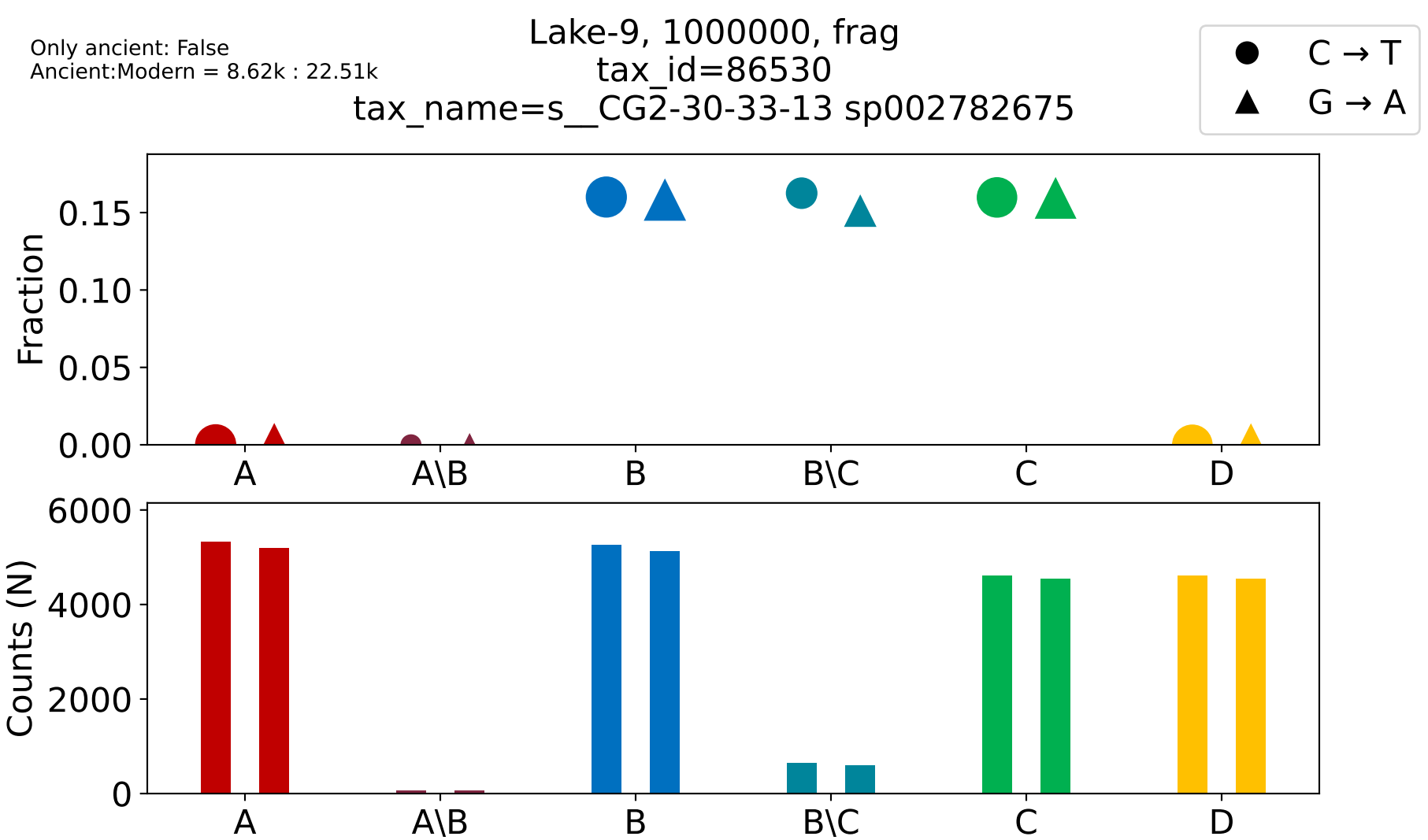

Only ancient: False
Ancient:Modern = 1.26k : 53.68k
Lake-9, 1000000, frag
tax_id=136771
tax_name=s__Nannochloropsis limnetica
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
10000
5000
0
A
A\B
B
B\C
C
D

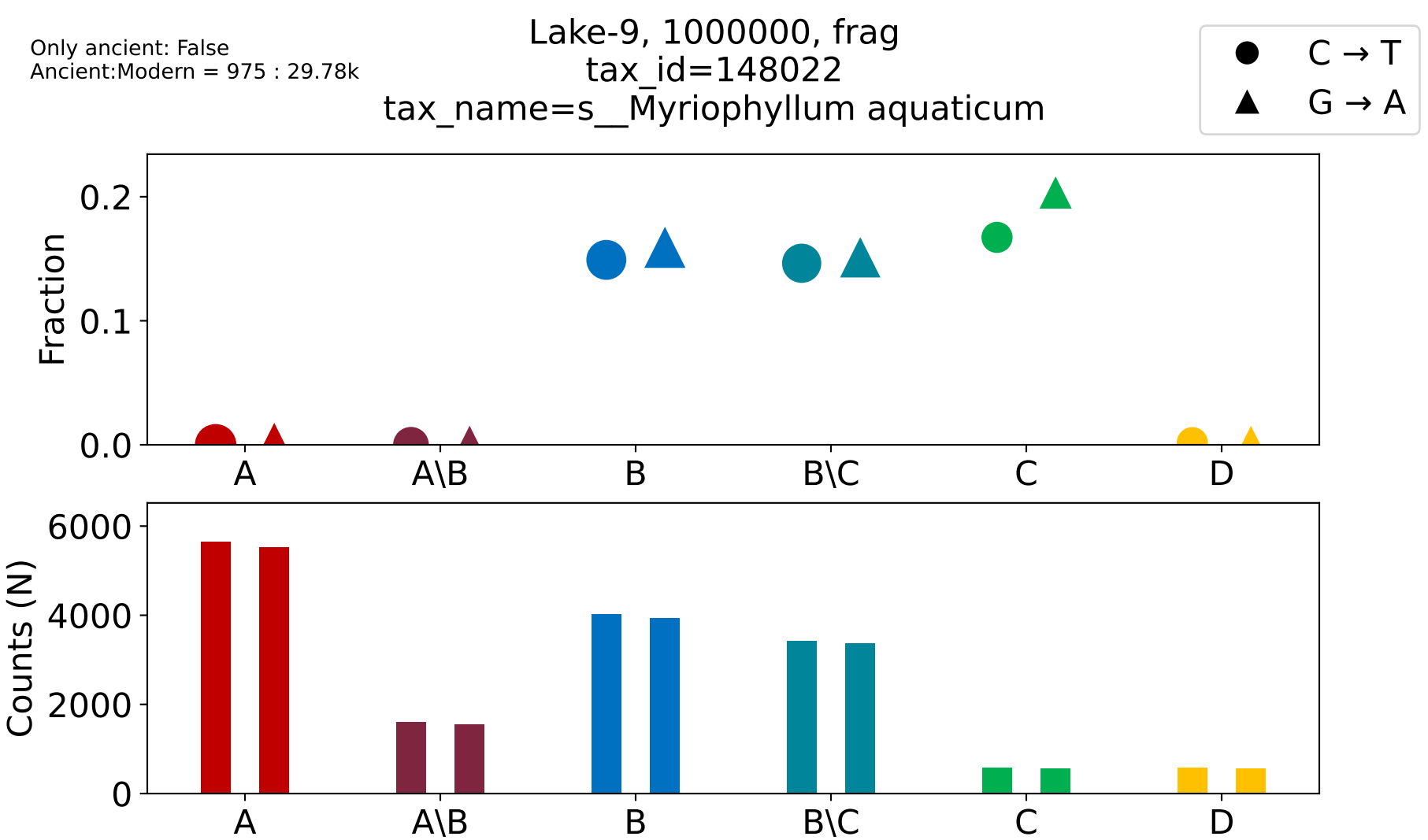

Only ancient: False
Ancient:Modern = 9.35k : 37.02k
Lake-9, 1000000, frag
tax_id=78545
tax_name=s__CG2-30-36-11 sp001871575
C → T
G → A
Fraction
0.4
0.2
0.0
A
A\B
B
B\C
C
D
Counts (N)
7500
5000
2500
0
A
A\B
B
B\C
C
D

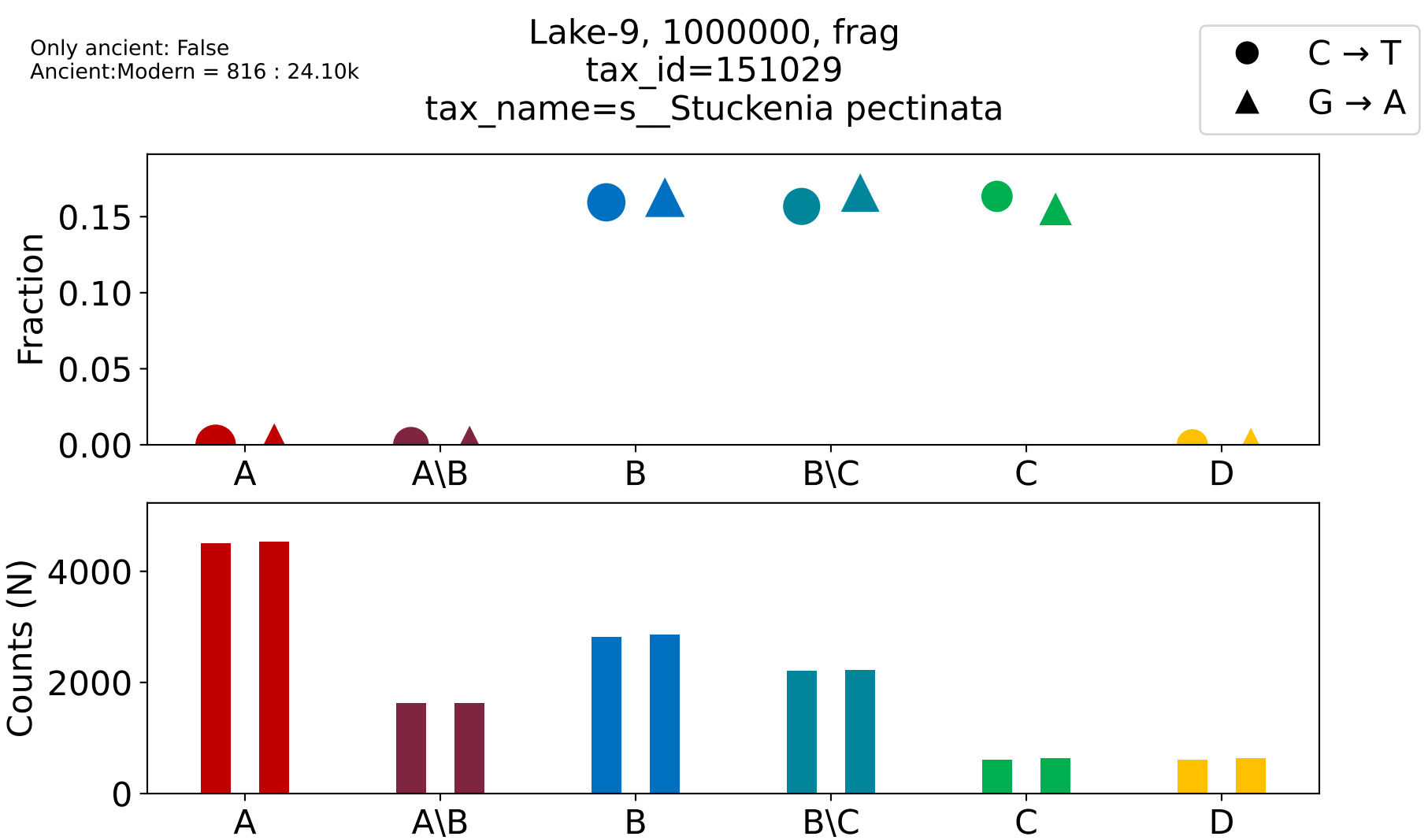

Only ancient: False
Ancient:Modern = 1.17k : 36.51k
Lake-9, 1000000, frag
tax_id=143870
tax_name=s__Myriophyllum spicatum
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
6000
4000
2000
0
A
A\B
B
B\C
C
D

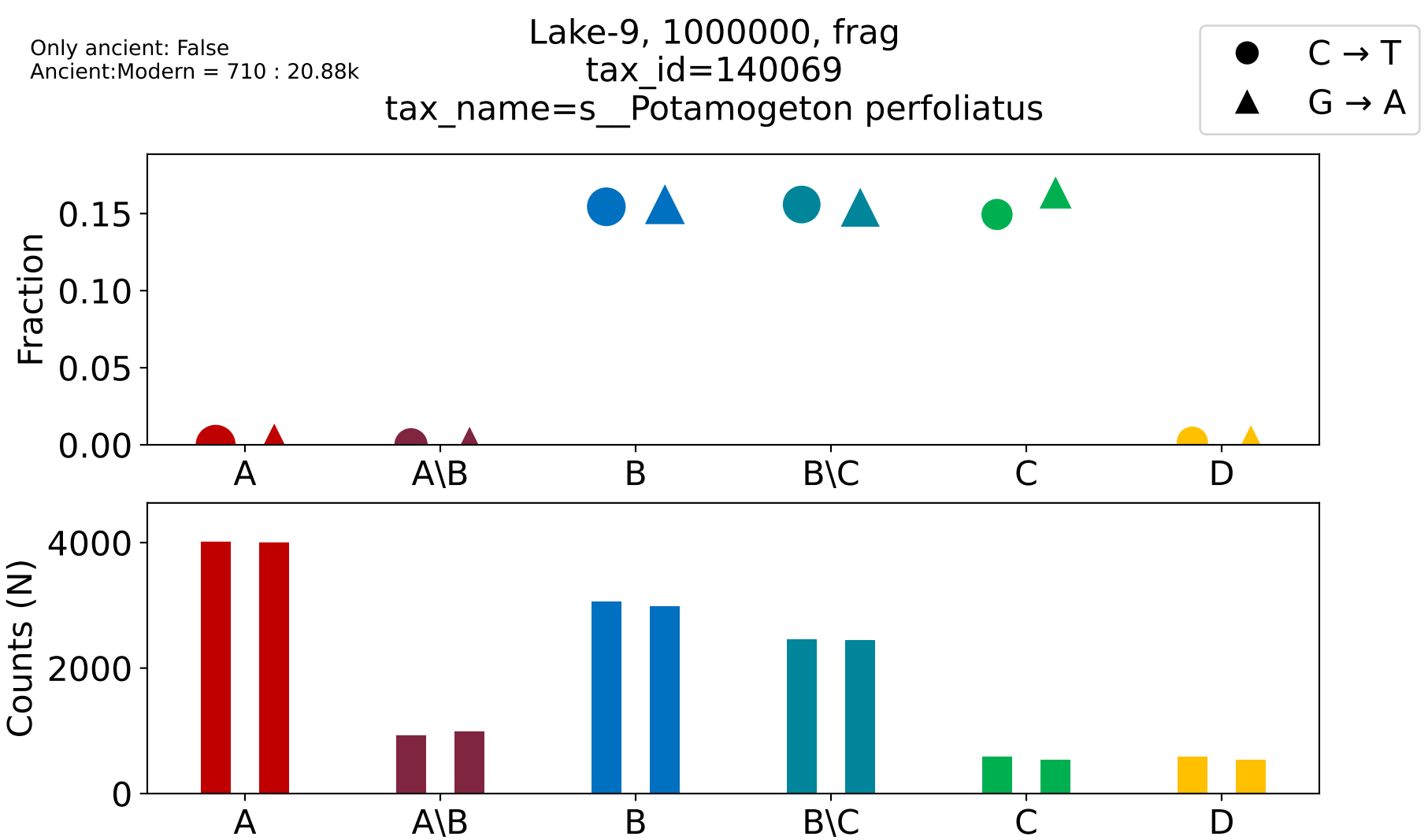

Only ancient: False
Ancient:Modern = 897 : 36.70k
Lake-9, 1000000, frag
tax_id=136772
tax_name=s__Nannochloropsis oculata
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
6000
4000
2000
0
A
A\B
B
B\C
C
D

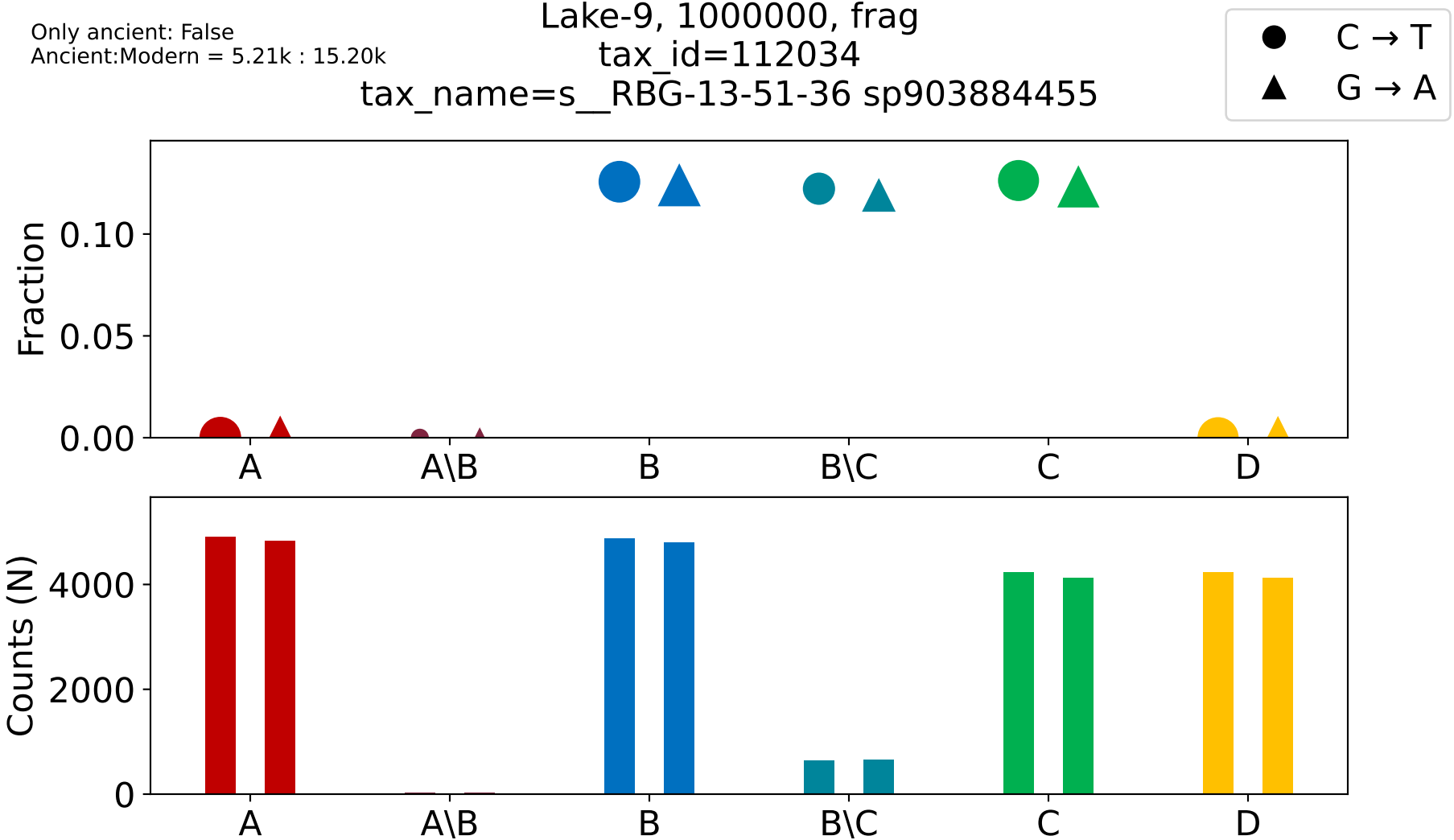

Only ancient: False
Ancient:Modern = 12.72k : 21.87k
Lake-9, 1000000, frag
tax_id=97696
tax_name=s__Mycobacterium sp005789055
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
10000
5000
0
A
A\B
B
B\C
C
D

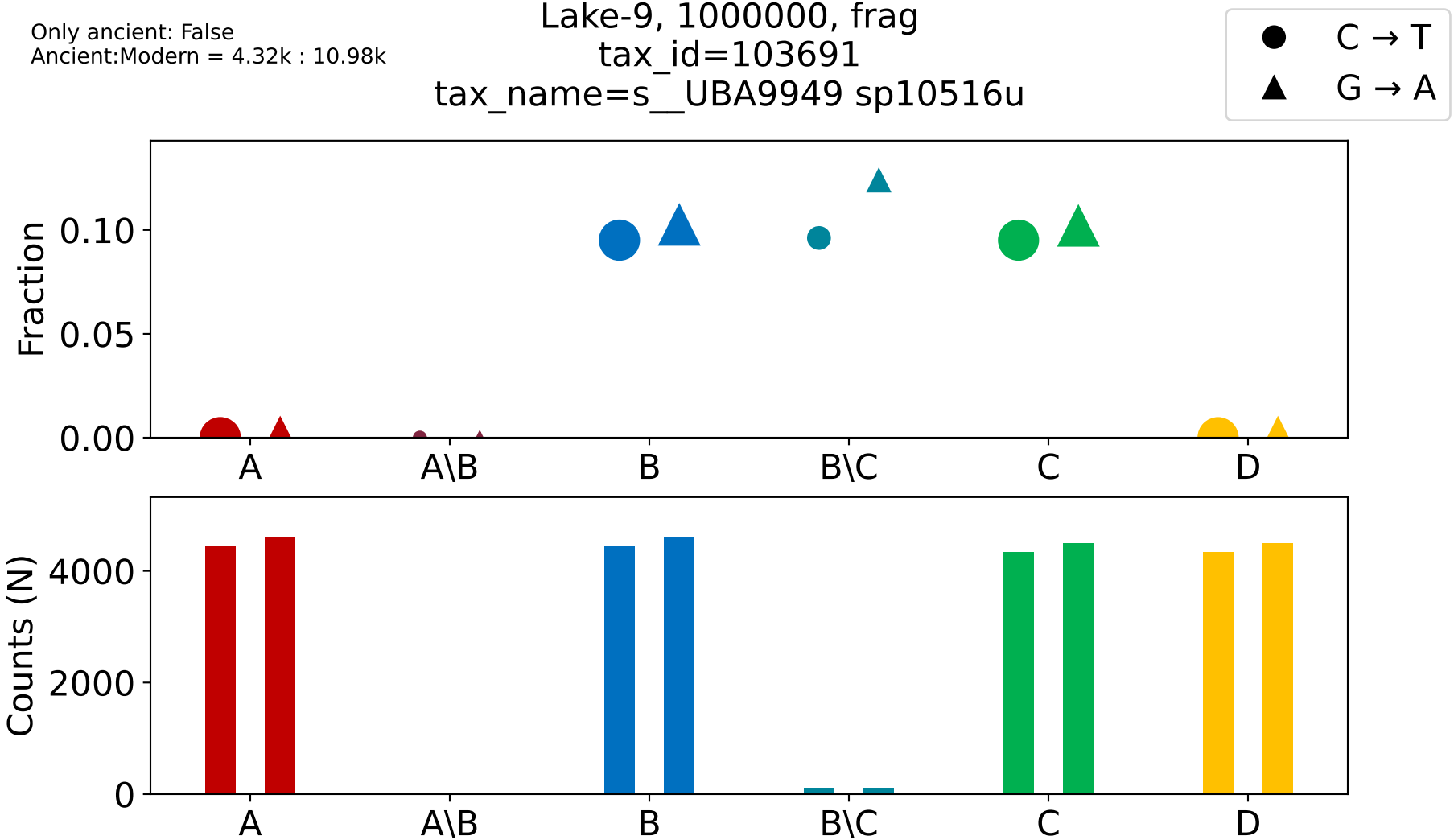

Only ancient: False
Ancient:Modern = 8.62k : 22.51k
Lake-9, 1000000, frag
tax_id=86530
tax_name=s__CG2-30-33-13 sp002782675
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
6000
4000
2000
0
A
A\B
B
B\C
C
D

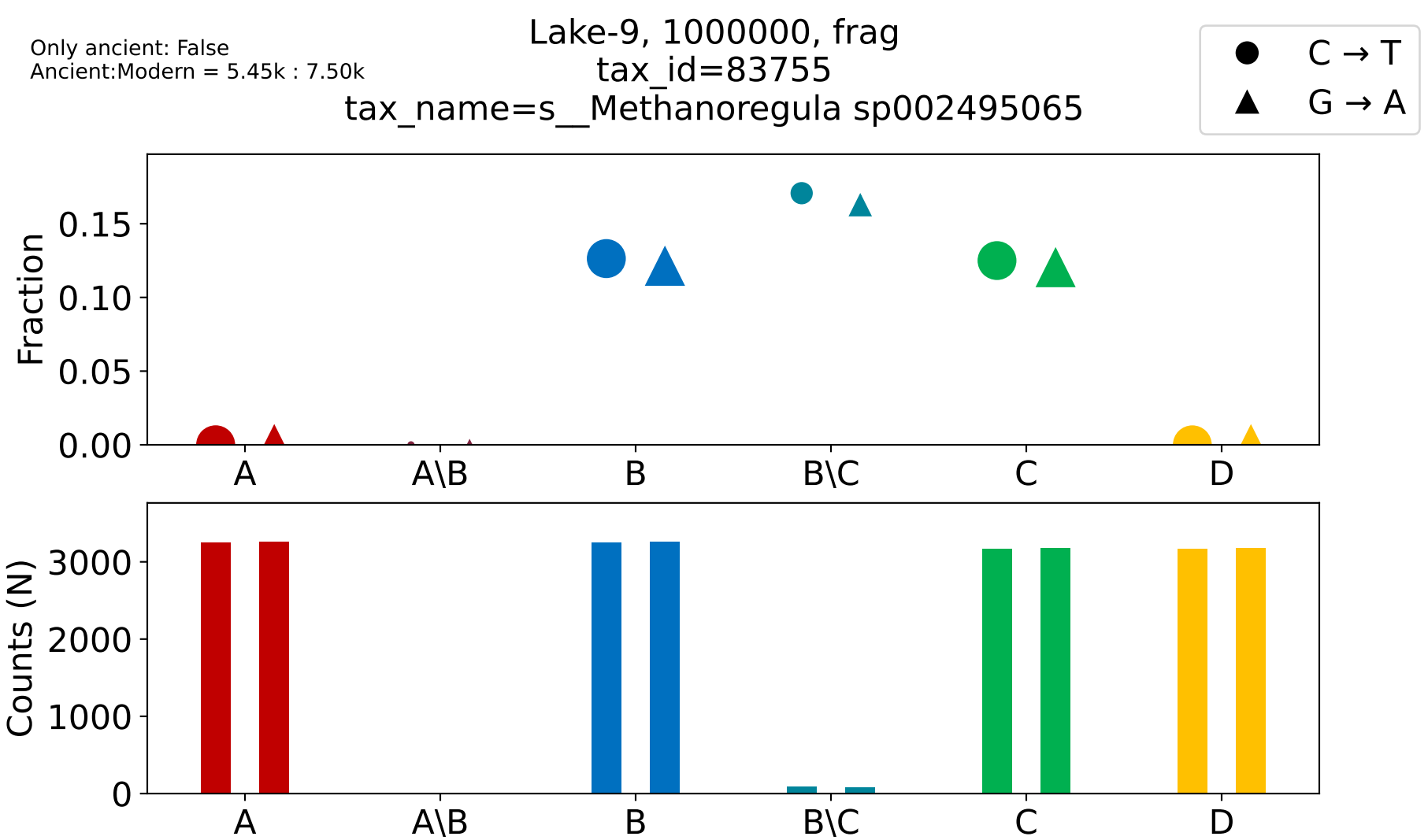

Only ancient: False
Ancient:Modern = 975 : 29.78k
Lake-9, 1000000, frag
tax_id=148022
tax_name=s__Myriophyllum aquaticum
C → T
G → A
Fraction
0.0
0.1
0.2
A
A\B
B
B\C
C
D
Counts (N)
0
2000
4000
6000
A
A\B
B
B\C
C
D

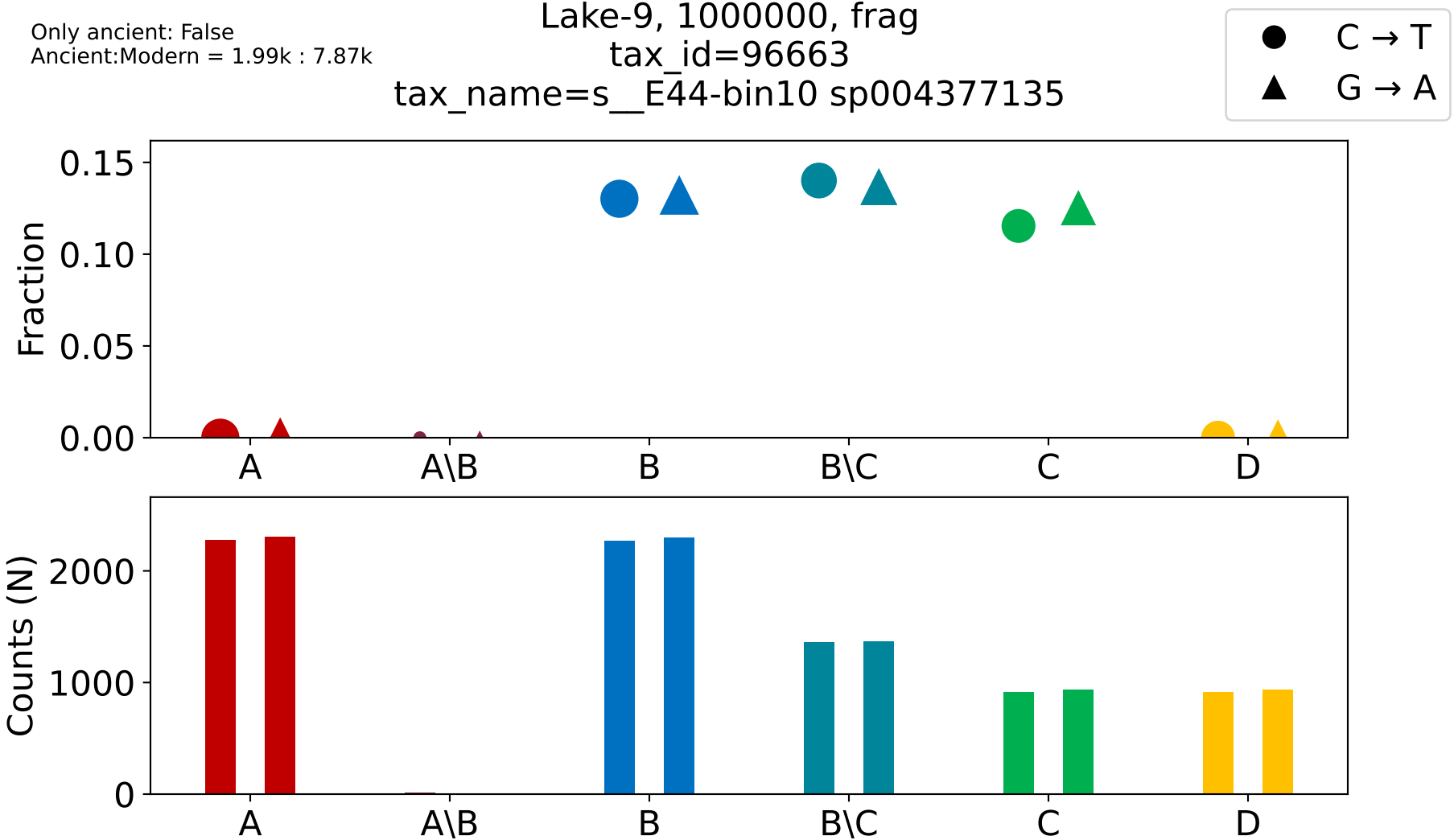

Only ancient: False
Ancient:Modern = 816 : 24.10k
Lake-9, 1000000, frag
tax_id=151029
tax_name=s__Stuckenia pectinata
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
4000
2000
0
A
A\B
B
B\C
C
D

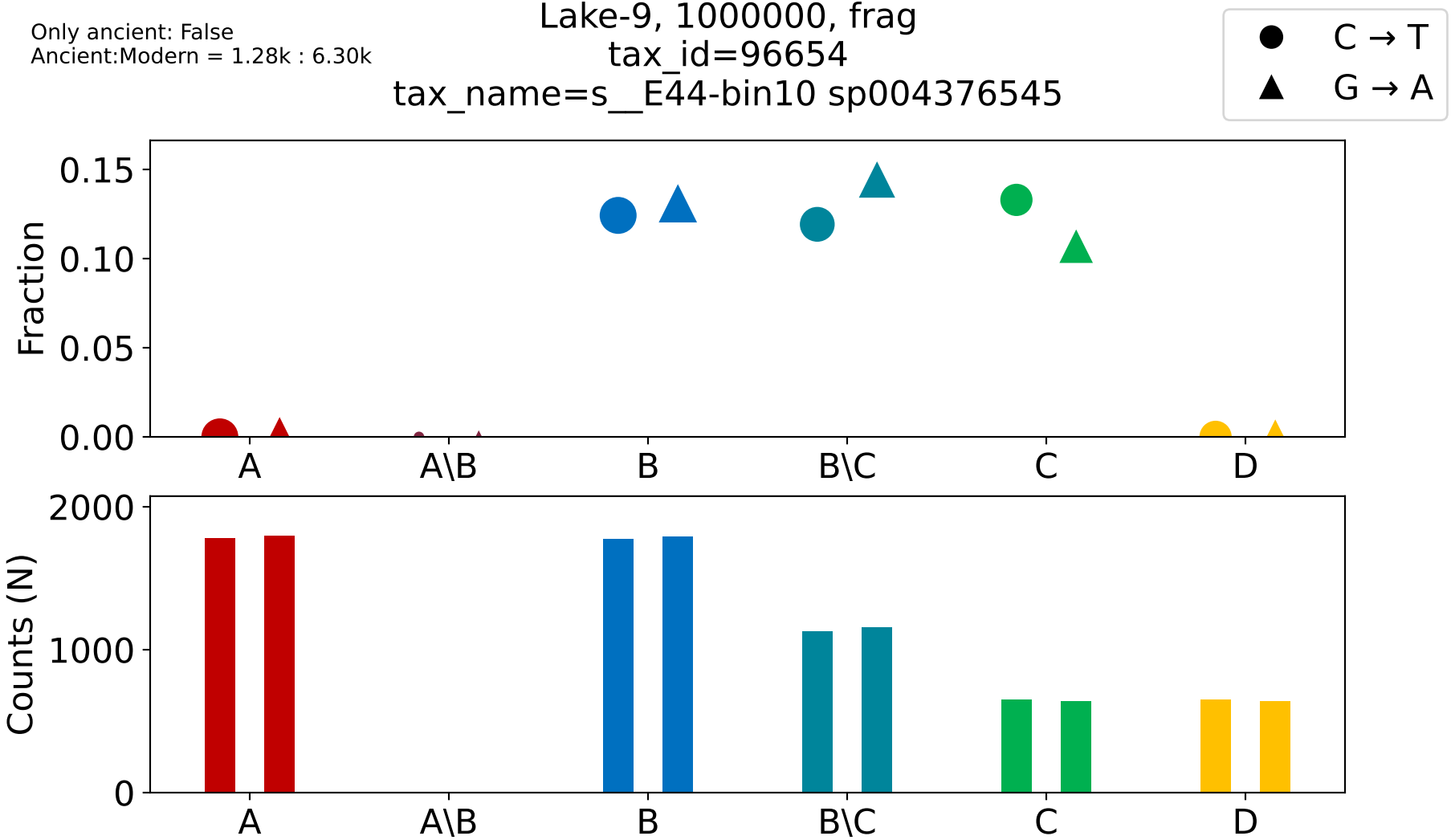

Only ancient: False
Ancient:Modern = 710 : 20.88k
Lake-9, 1000000, frag
tax_id=140069
tax_name=s__Potamogeton perfoliatus
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
4000
2000
0
A
A\B
B
B\C
C
D

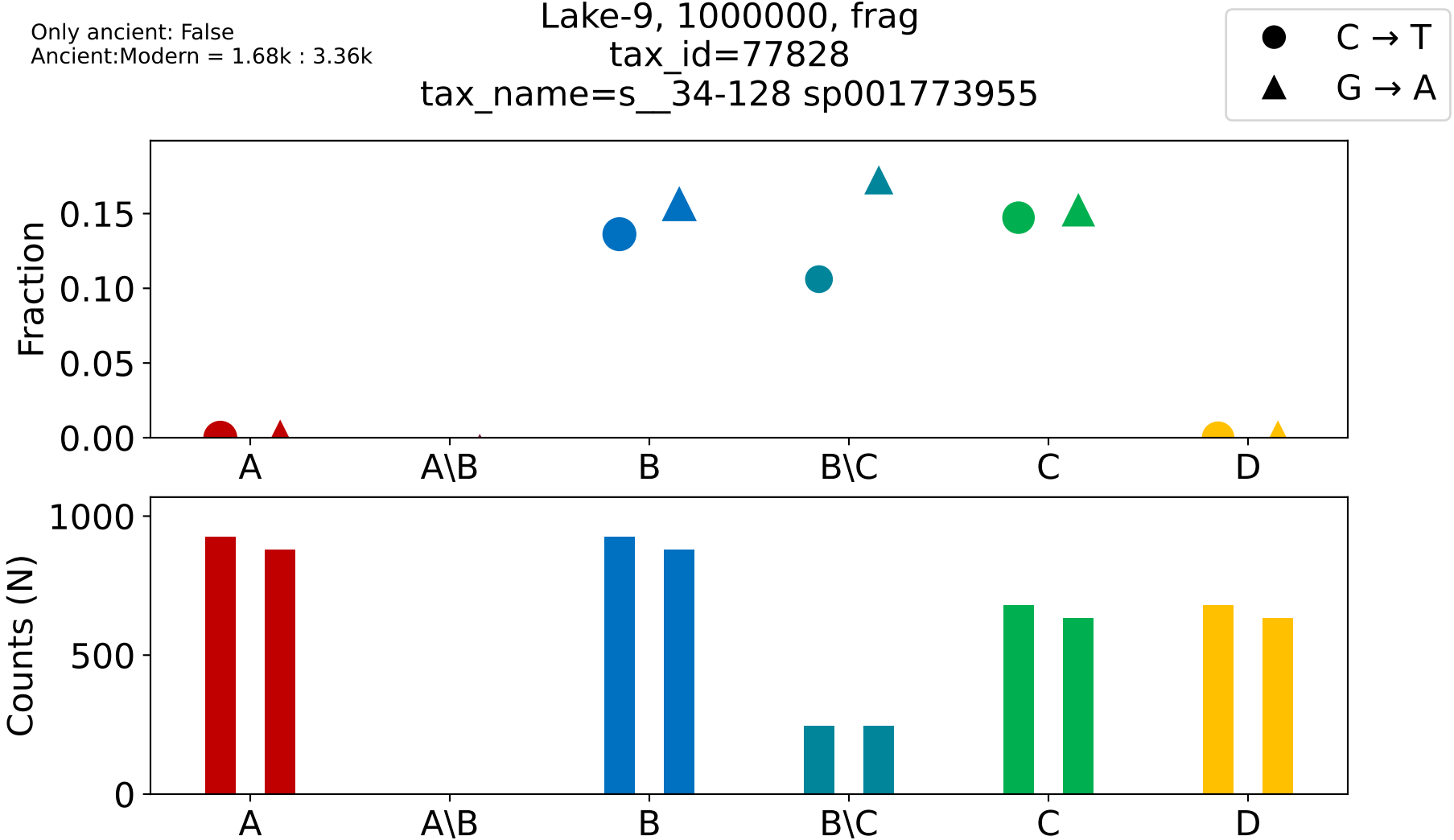

Only ancient: False
Ancient:Modern = 5.21k : 15.20k
Lake-9, 1000000, frag
tax_id=112034
tax_name=s__RBG-13-51-36 sp903884455
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
4000
2000
0
A
A\B
B
B\C
C
D

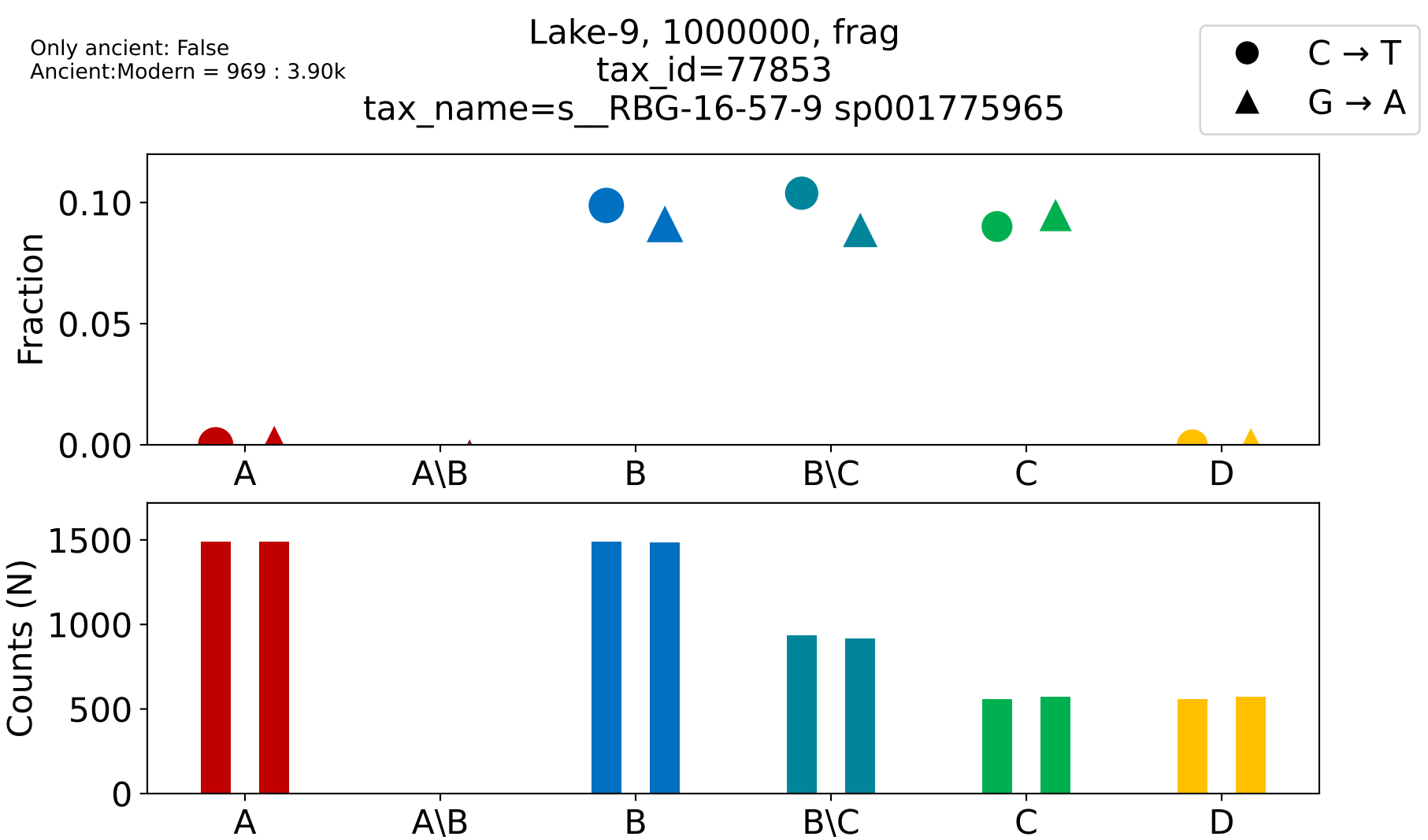

Only ancient: False
Ancient:Modern = 4.32k : 10.98k
Lake-9, 1000000, frag
tax_id=103691
tax_name=s__UBA9949 sp10516u
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
4000
2000
0
A
A\B
B
B\C
C
D

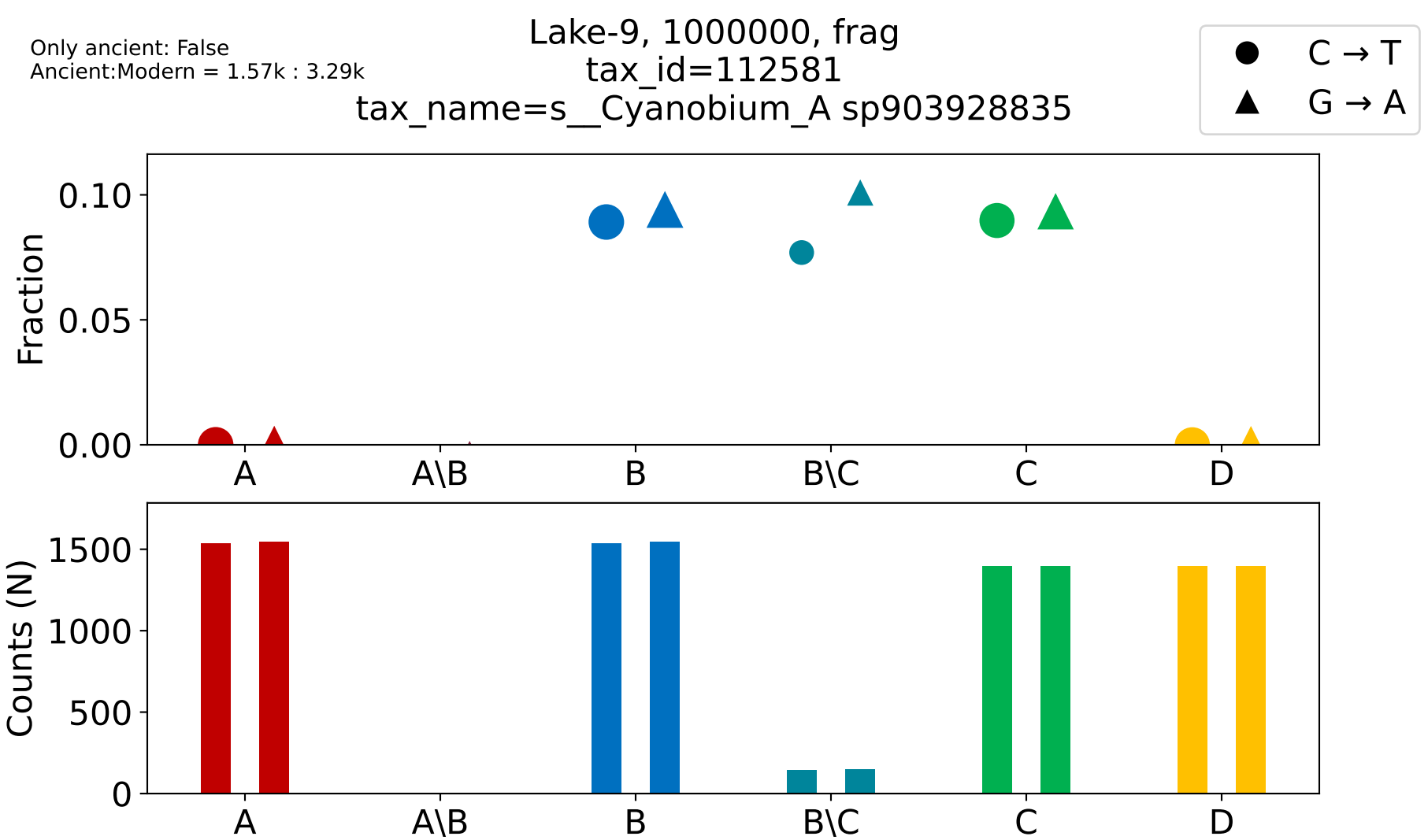

Only ancient: False
Ancient:Modern = 5.45k : 7.50k
Lake-9, 1000000, frag
tax_id=83755
tax_name=s__Methanoregula sp002495065
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
3000
2000
1000
0
A
A\B
B
B\C
C
D

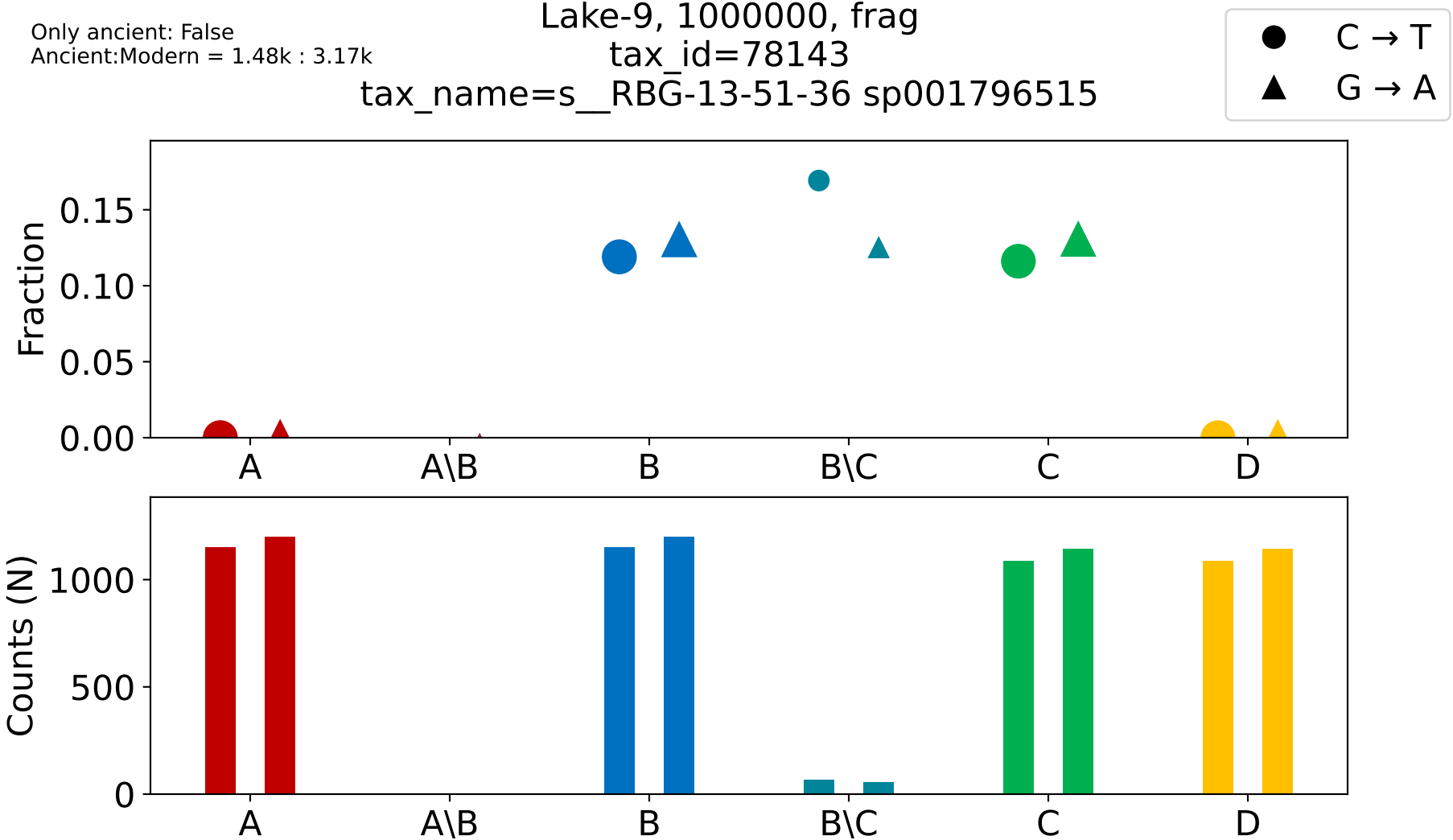

Only ancient: False
Ancient:Modern = 1.99k : 7.87k
Lake-9, 1000000, frag
tax_id=96663
tax_name=s__E44-bin10 sp004377135
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
2000
1000
0
A
A\B
B
B\C
C
D

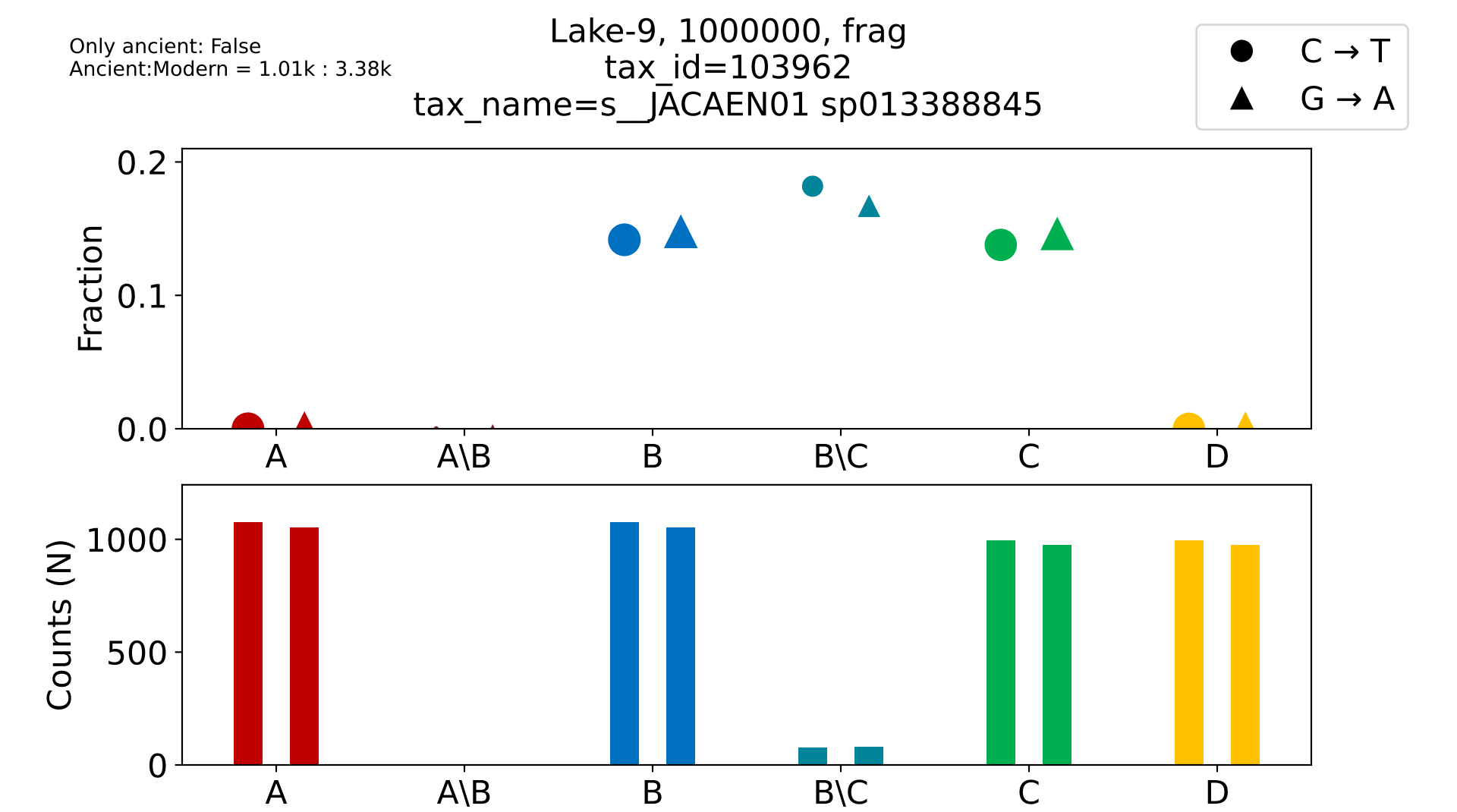

Only ancient: False
Ancient:Modern = 1.28k : 6.30k
Lake-9, 1000000, frag
tax_id=96654
tax_name=s__E44-bin10 sp004376545
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
2000
1000
0
A
A\B
B
B\C
C
D

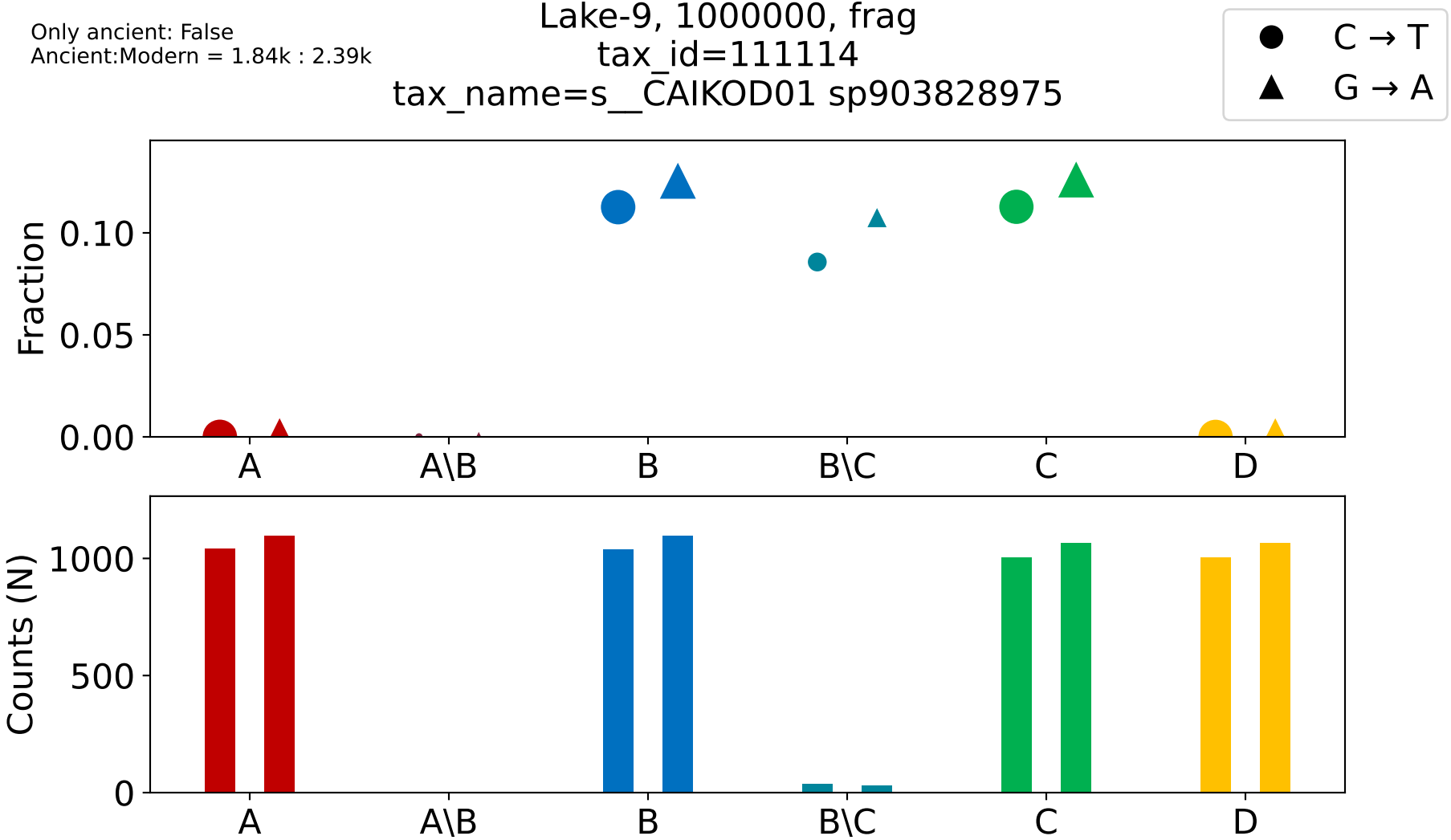

Only ancient: False
Ancient:Modern = 1.68k : 3.36k
Lake-9, 1000000, frag
tax_id=77828
tax_name=s__34-128 sp001773955
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

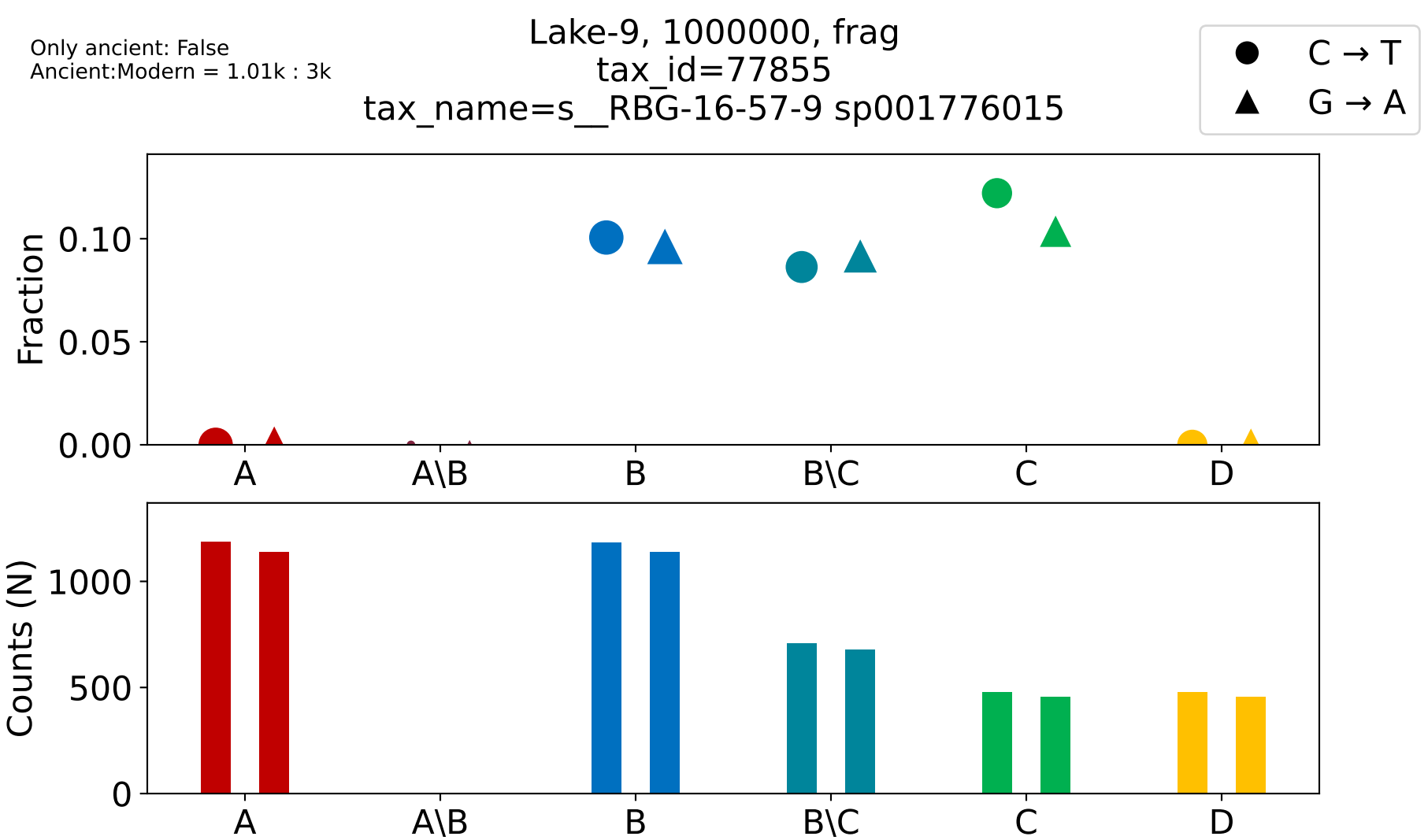

Only ancient: False
Ancient:Modern = 969 : 3.90k
Lake-9, 1000000, frag
tax_id=77853
tax_name=s__RBG-16-57-9 sp001775965
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1500
1000
500
0
A
A\B
B
B\C
C
D

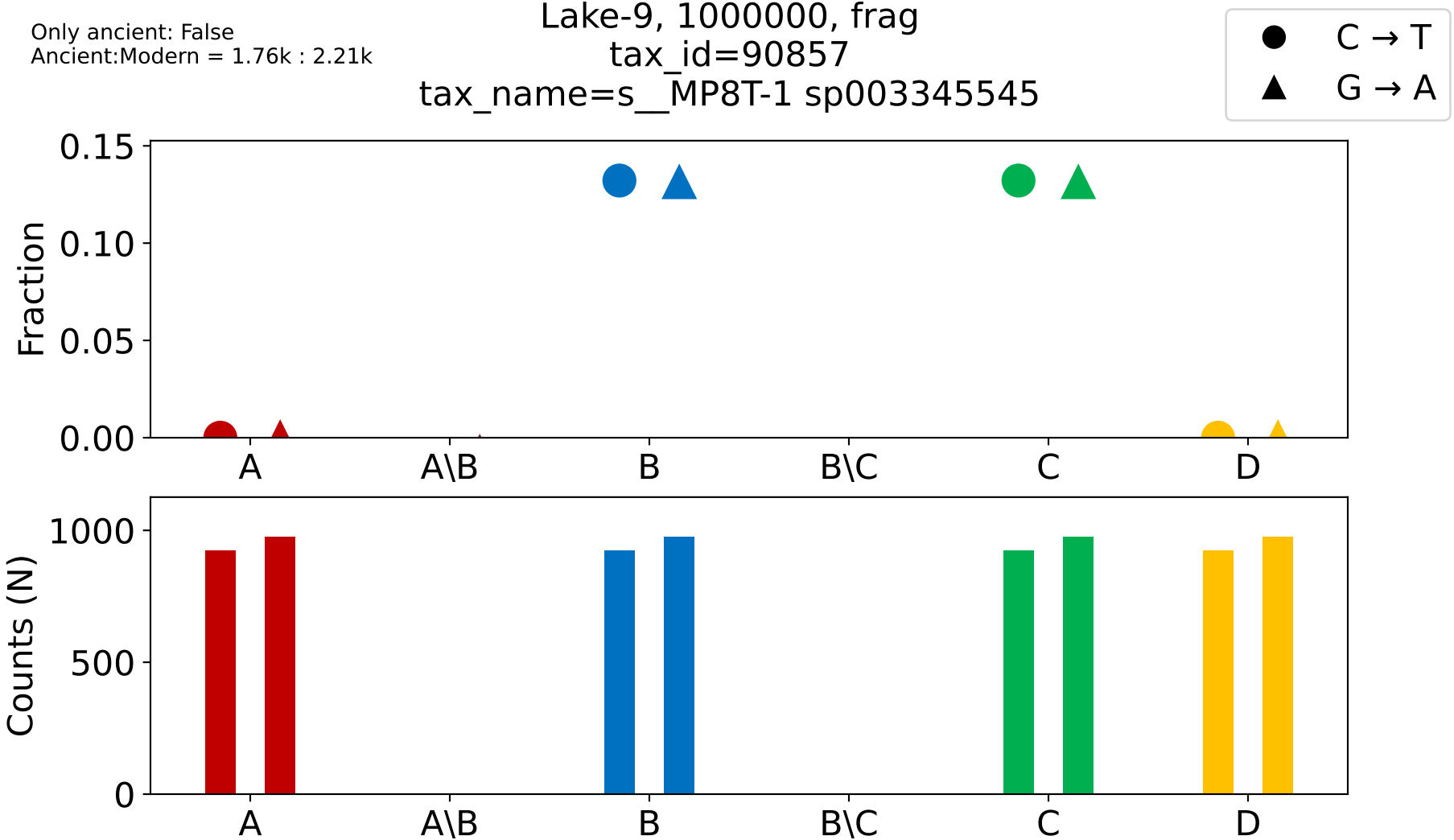

Only ancient: False
Ancient:Modern = 1.57k : 3.29k
Lake-9, 1000000, frag
tax_id=112581
tax_name=s__Cyanobium_A sp903928835
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1500
1000
500
0
A
A\B
B
B\C
C
D

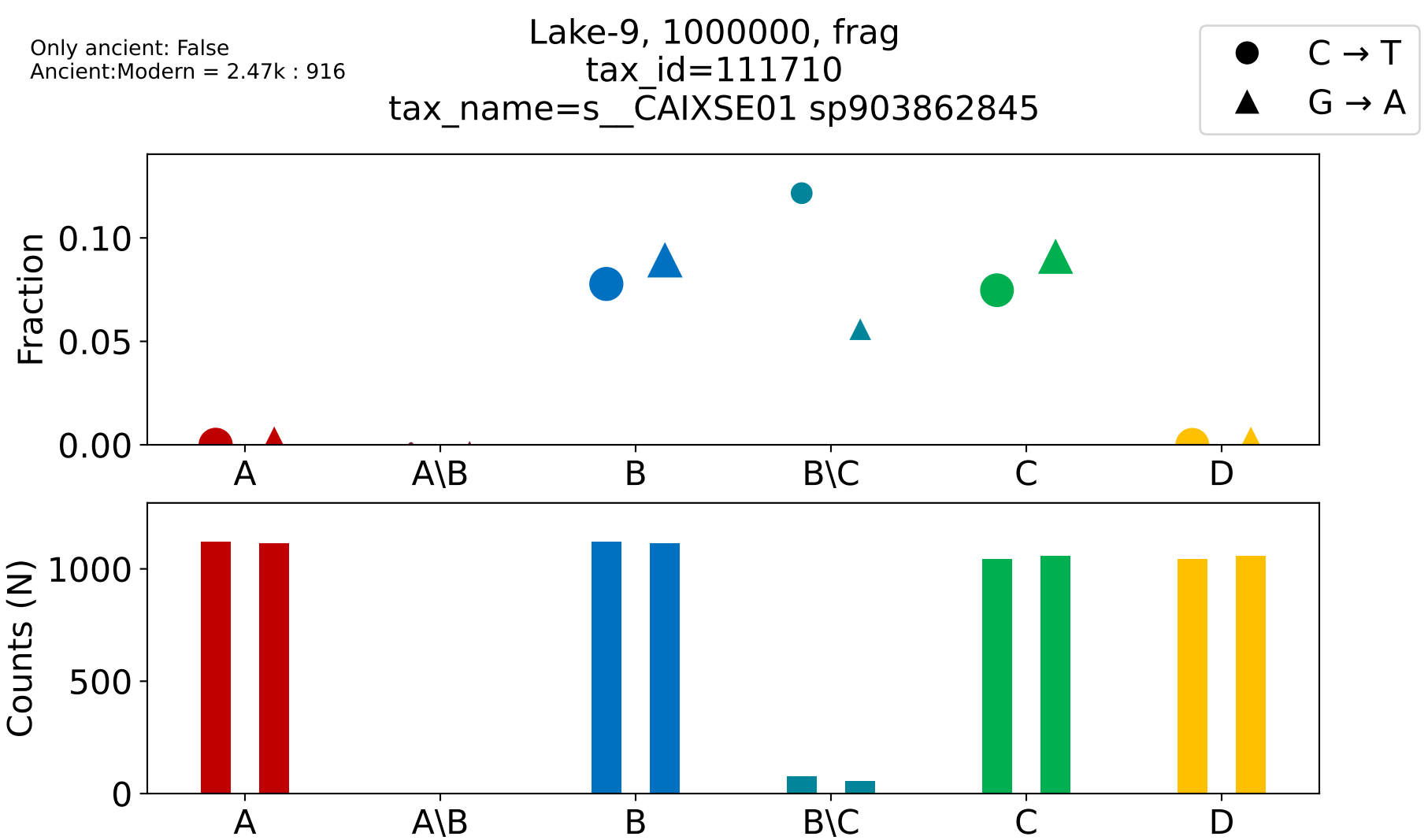

Only ancient: False
Ancient:Modern = 1.48k : 3.17k
Lake-9, 1000000, frag
tax_id=78143
tax_name=s__RBG-13-51-36 sp001796515
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

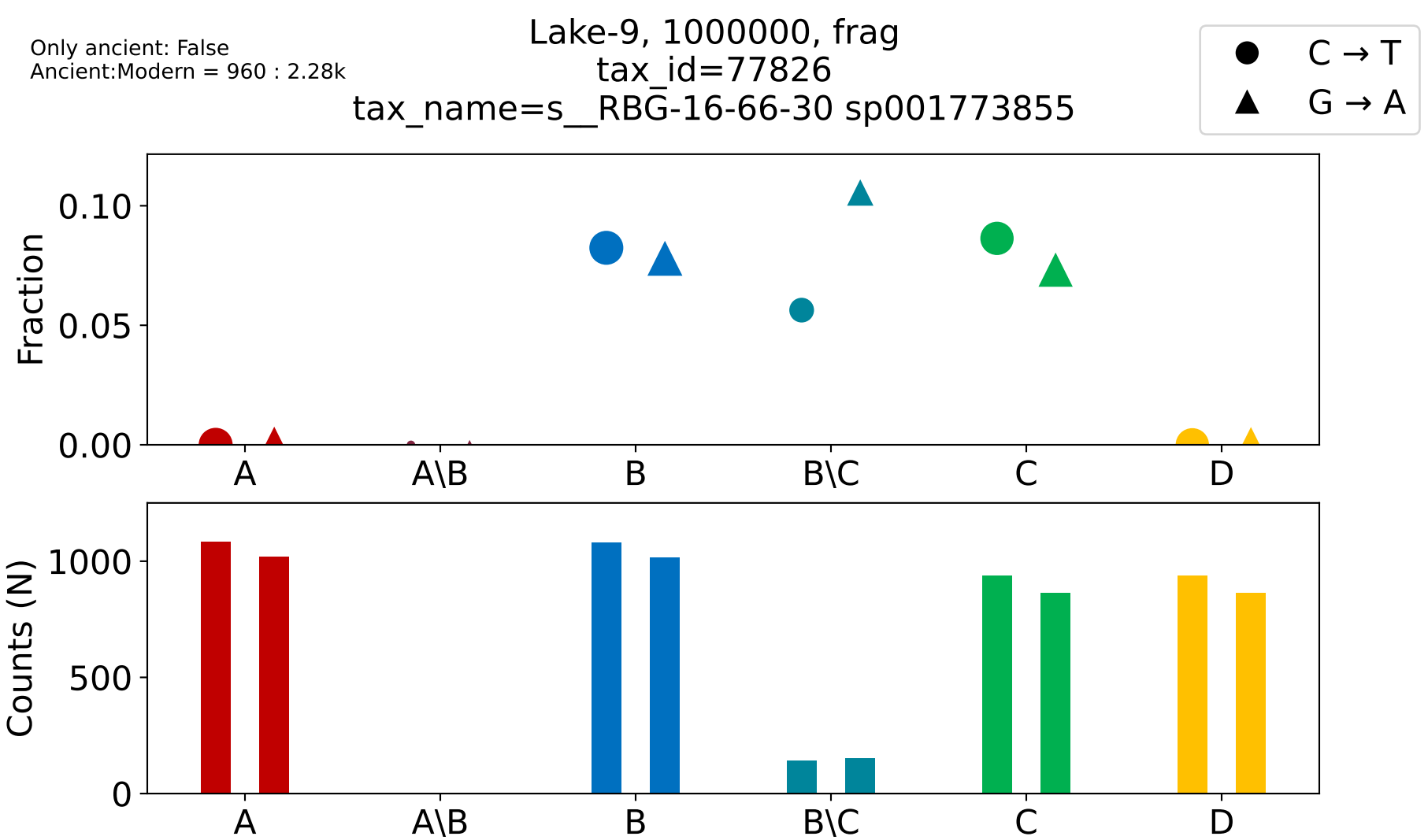

Only ancient: False
Ancient:Modern = 1.01k : 3.38k
Lake-9, 1000000, frag
tax_id=103962
tax_name=s__JACAEN01 sp013388845
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

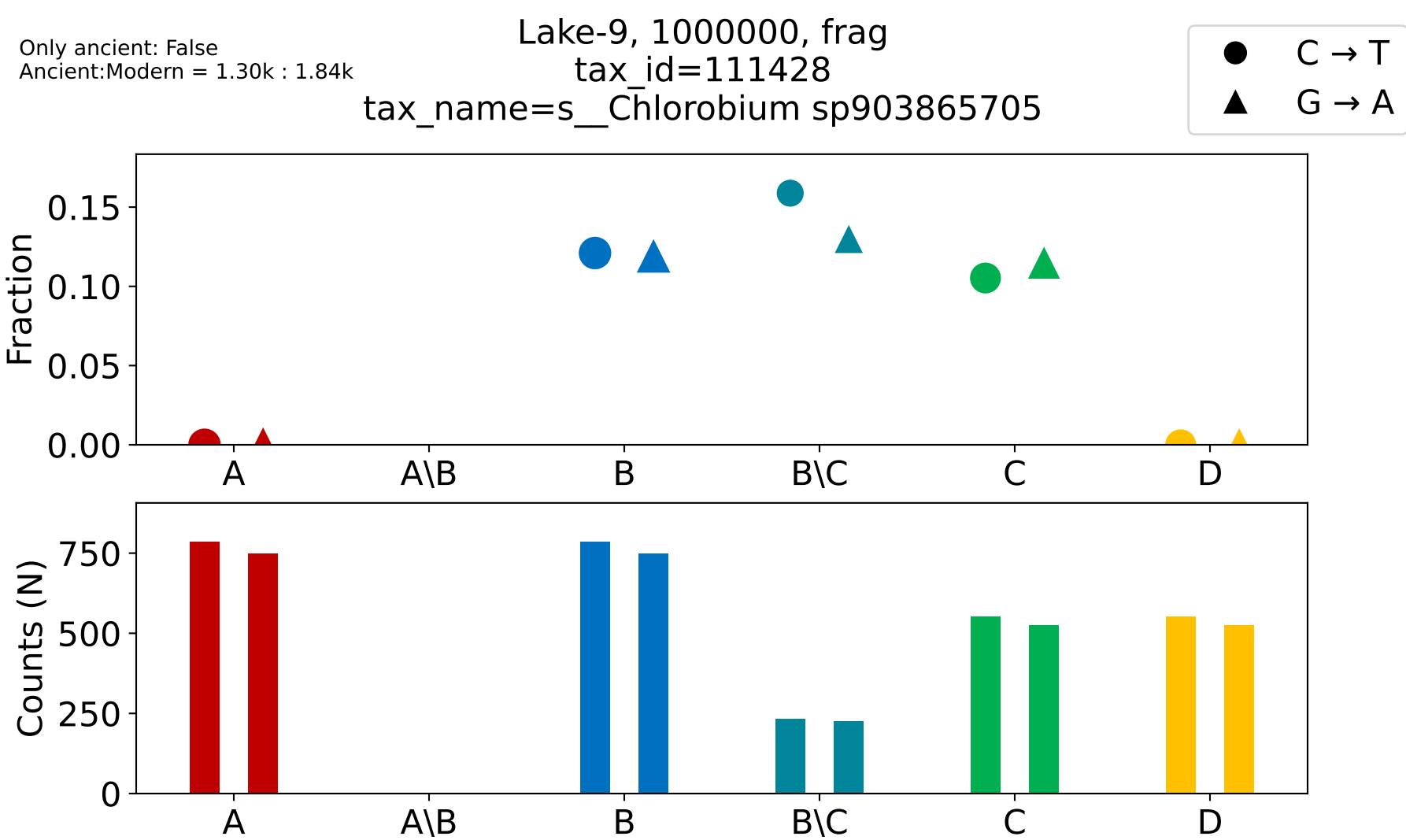

Only ancient: False
Ancient:Modern = 1.84k : 2.39k
Lake-9, 1000000, frag
tax_id=111114
tax_name=s__CAIKOD01 sp903828975
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

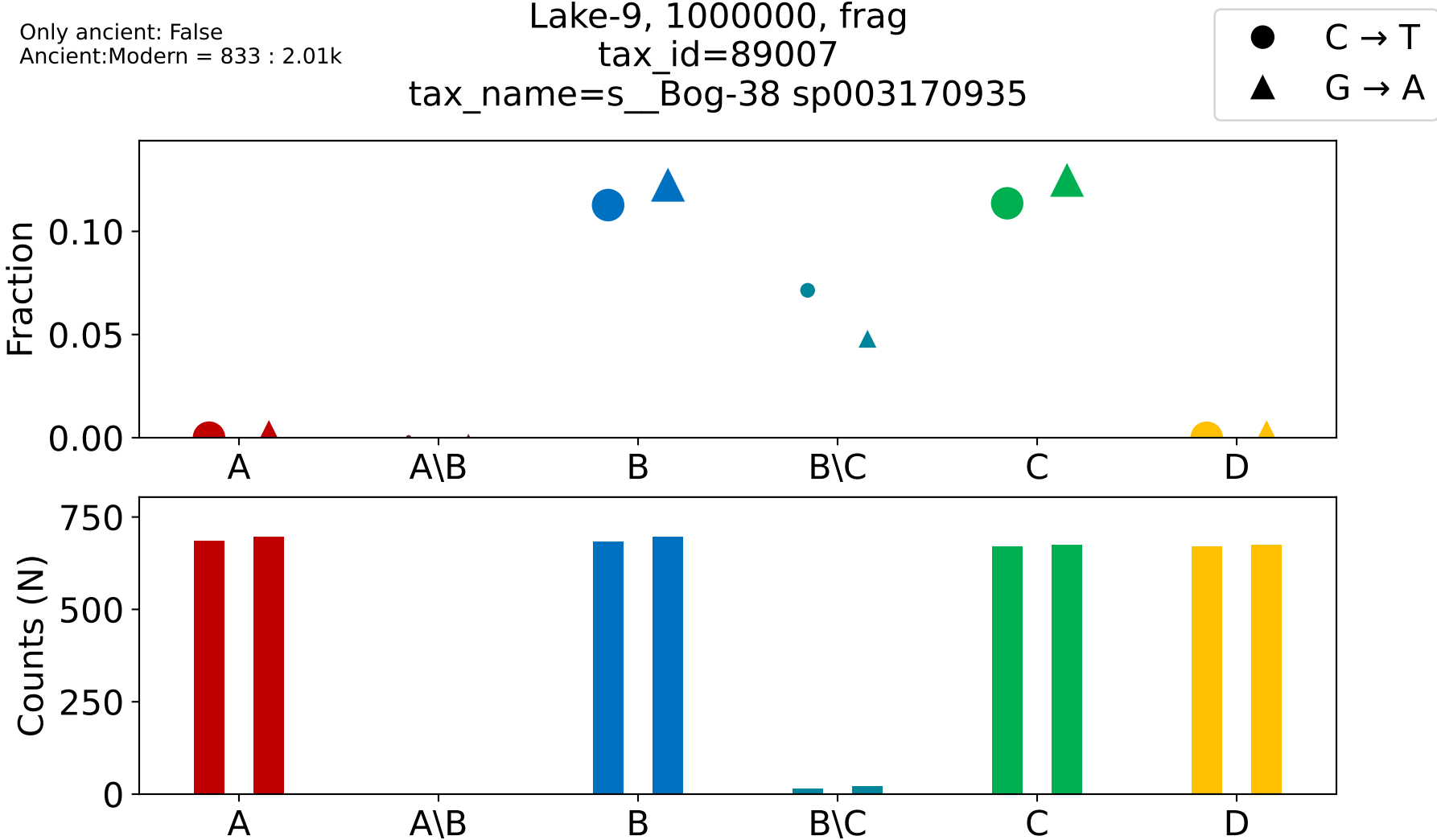

Only ancient: False
Ancient:Modern = 1.01k : 3k
Lake-9, 1000000, frag
tax_id=77855
tax_name=s__RBG-16-57-9 sp001776015
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

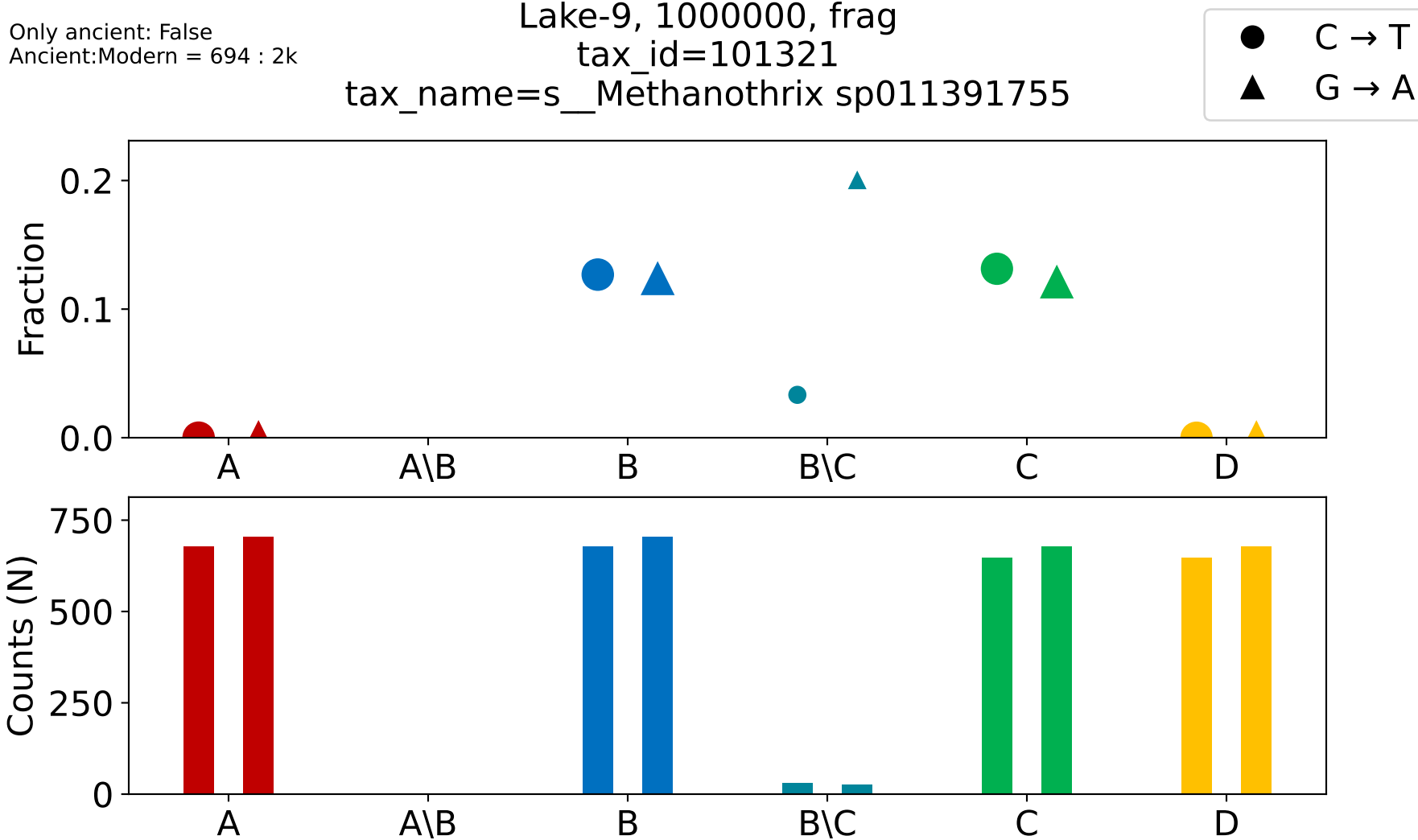

Only ancient: False
Ancient:Modern = 1.76k : 2.21k
Lake-9, 1000000, frag
tax_id=90857
tax_name=s__MP8T-1 sp003345545
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

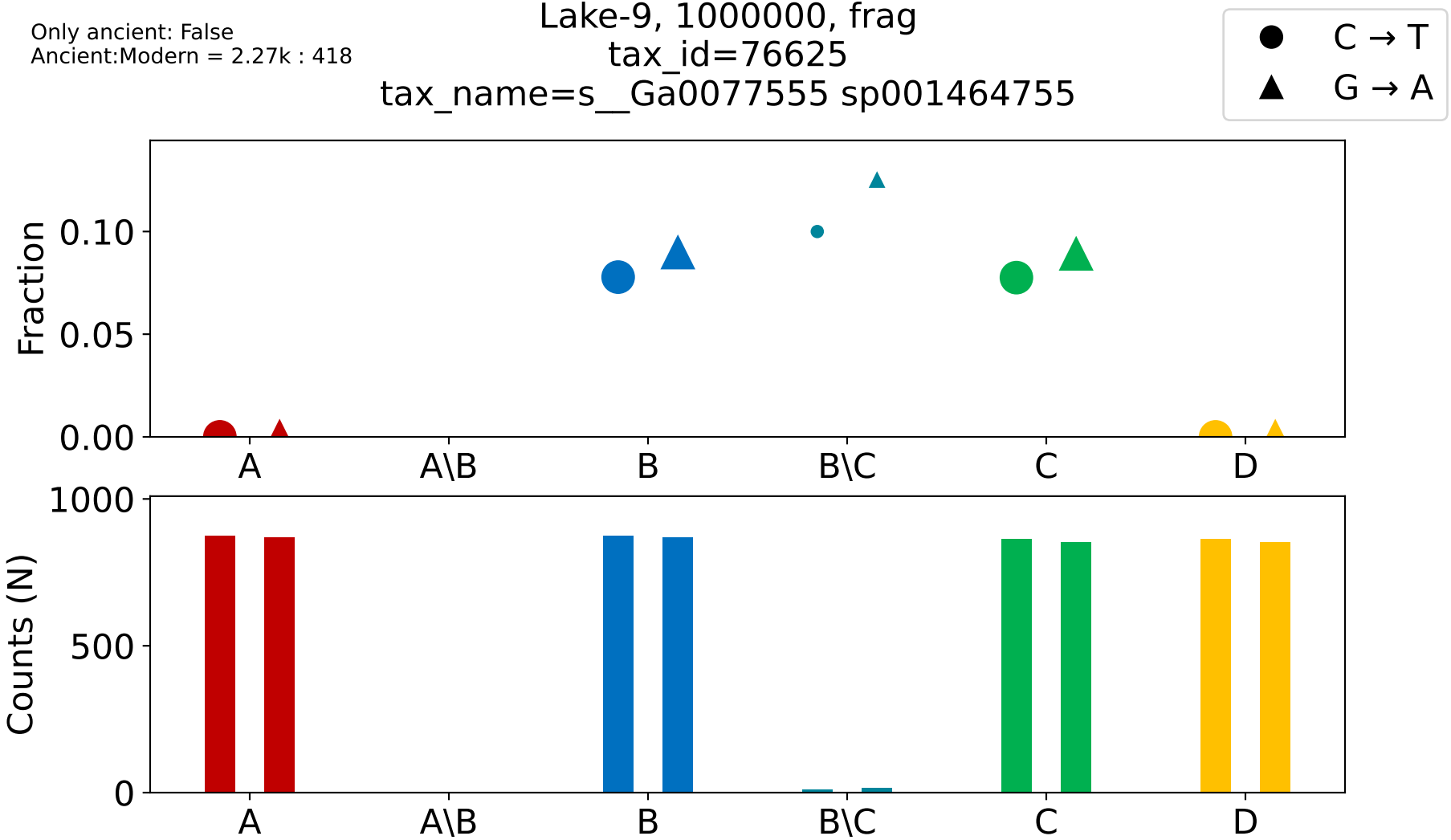

Only ancient: False
Ancient:Modern = 2.47k : 916
Lake-9, 1000000, frag
tax_id=111710
tax_name=s__CAIXSE01 sp903862845
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

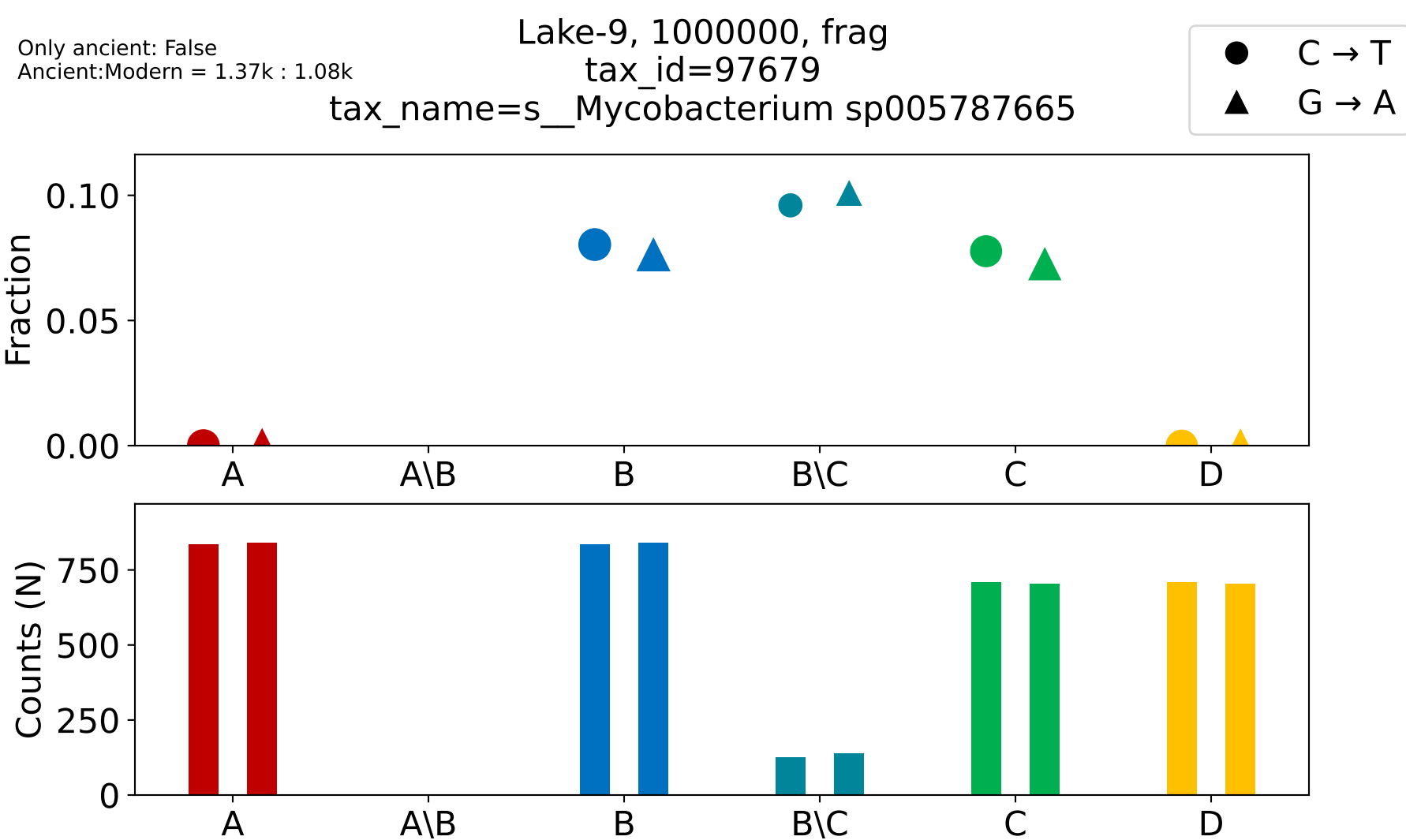

Only ancient: False
Ancient:Modern = 960 : 2.28k
Lake-9, 1000000, frag
tax_id=77826
tax_name=s__RBG-16-66-30 sp001773855
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

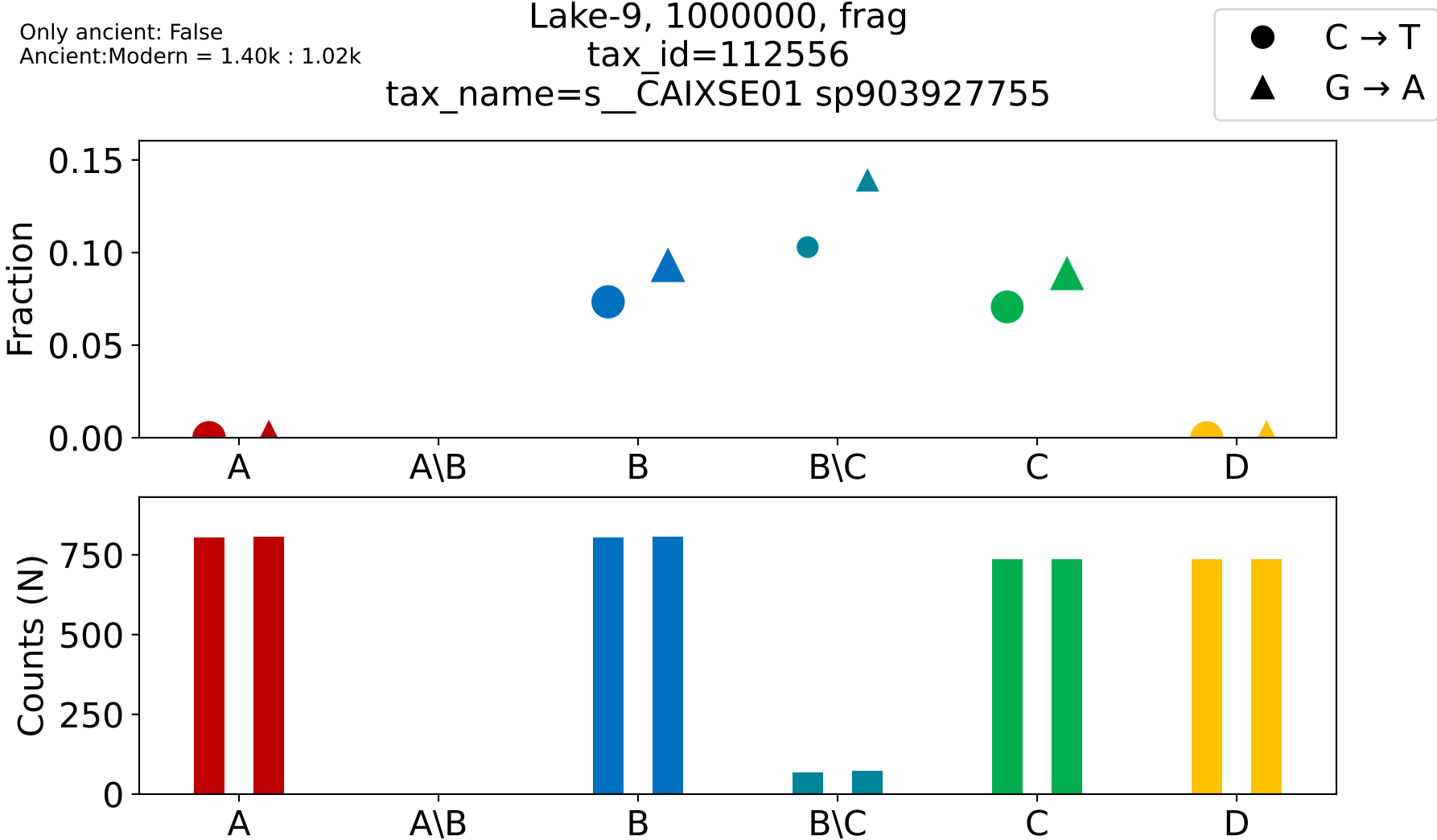

Only ancient: False
Ancient:Modern = 1.30k : 1.84k
Lake-9, 1000000, frag
tax_id=111428
tax_name=s__Chlorobium sp903865705
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

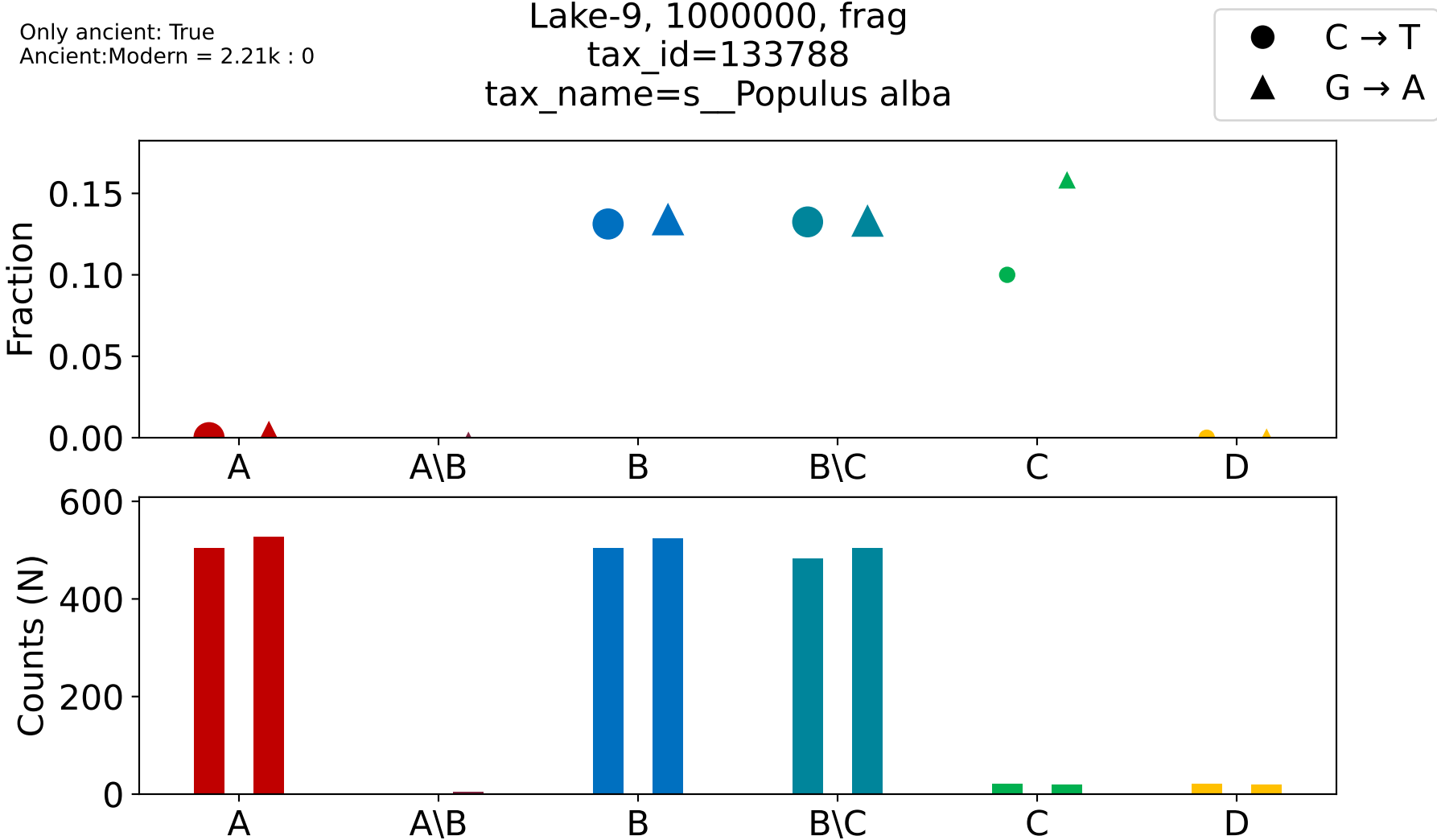

Only ancient: False
Ancient:Modern = 833 : 2.01k
Lake-9, 1000000, frag
tax_id=89007
tax_name=s__Bog-38 sp003170935
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

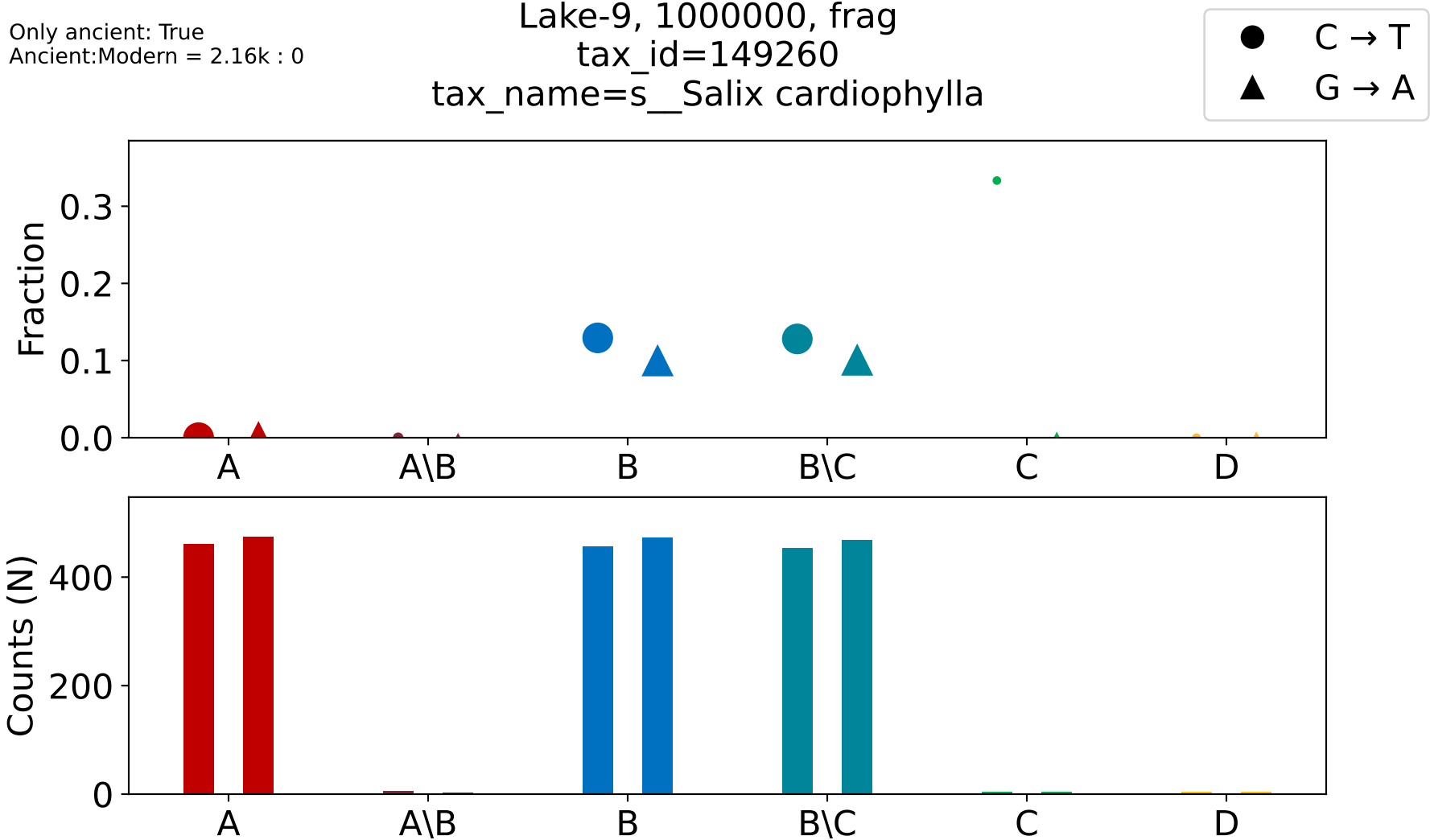

Only ancient: False
Ancient:Modern = 694 : 2k
Lake-9, 1000000, frag
tax_id=101321
tax_name=s__Methanothrix sp011391755
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

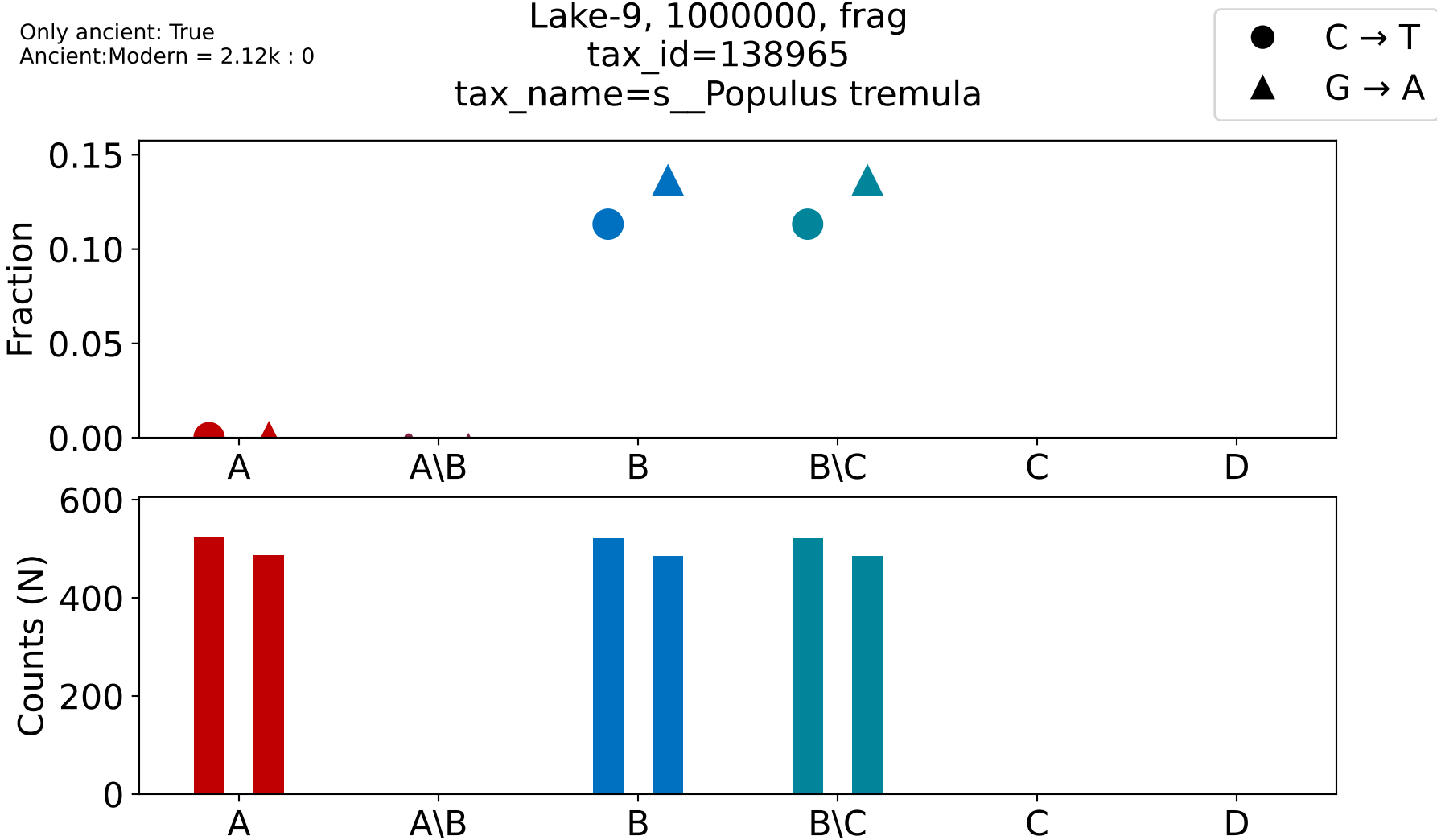

Only ancient: False
Ancient:Modern = 2.27k : 418
Lake-9, 1000000, frag
tax_id=76625
tax_name=s__Ga0077555 sp001464755
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
1000
500
0
A
A\B
B
B\C
C
D

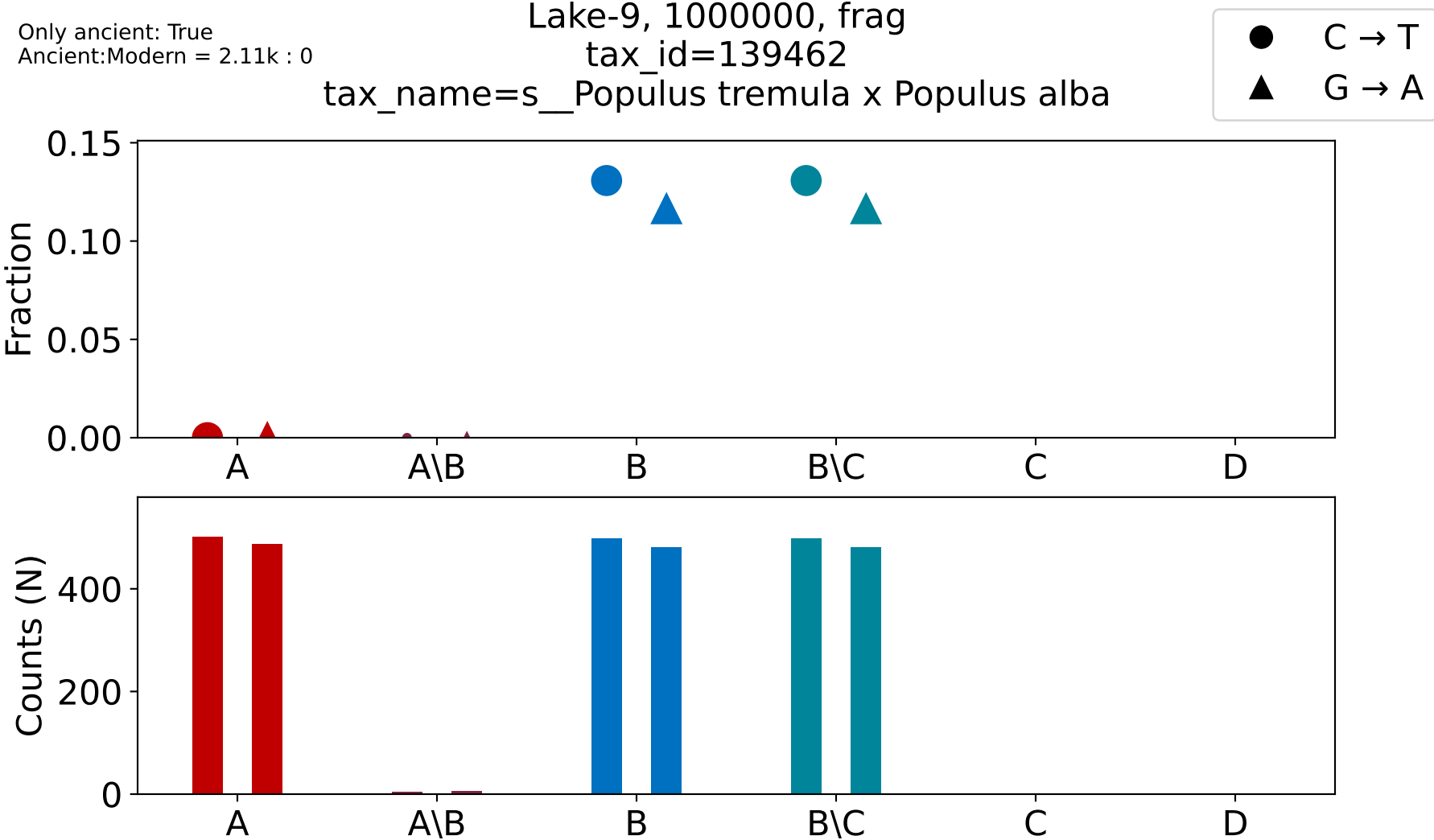

Only ancient: False
Ancient:Modern = 1.37k : 1.08k
Lake-9, 1000000, frag
tax_id=97679
tax_name=s__Mycobacterium sp005787665
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

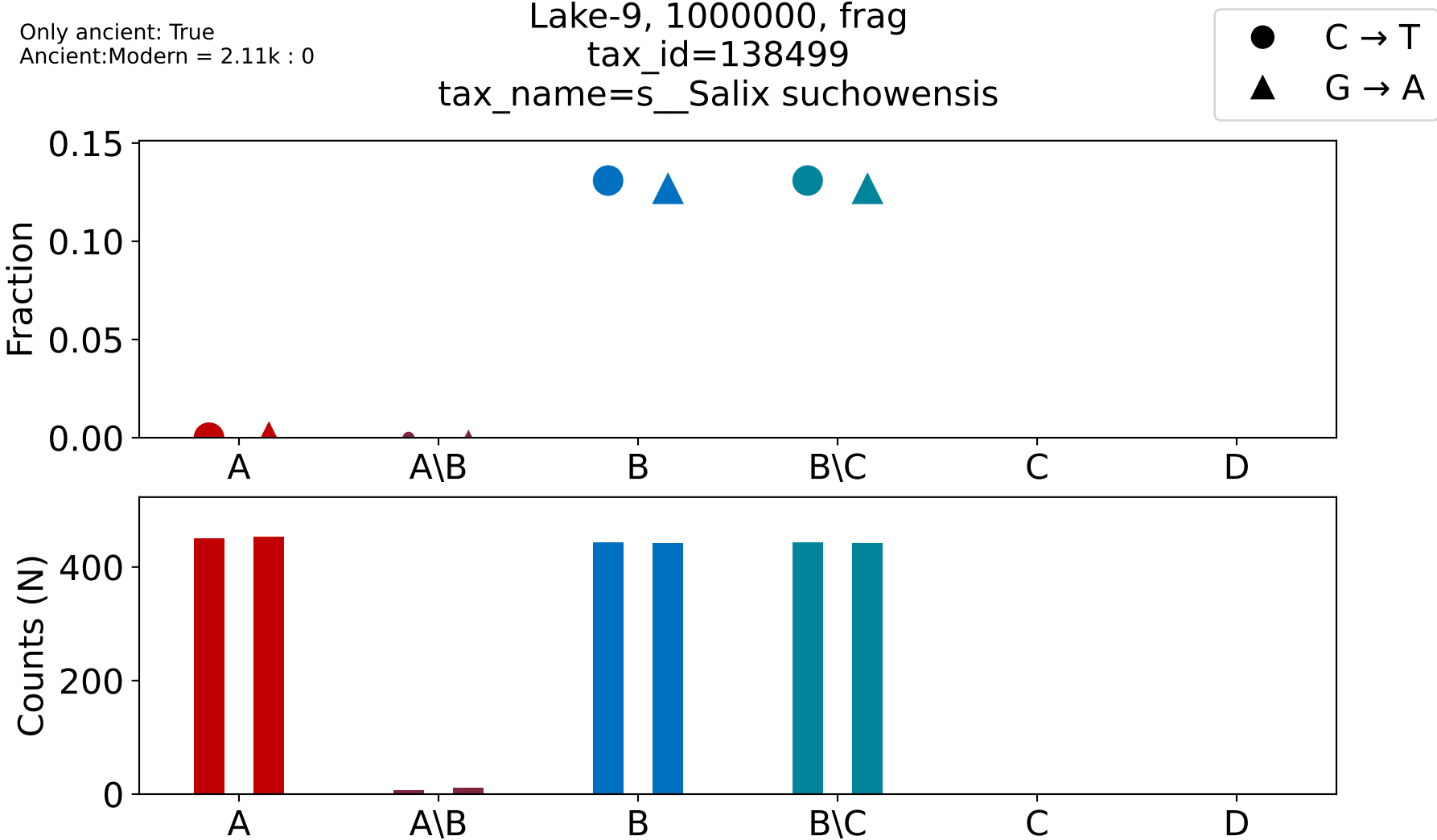

Only ancient: False
Ancient:Modern = 1.40k : 1.02k
Lake-9, 1000000, frag
tax_id=112556
tax_name=s__CAIXSE01 sp903927755
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

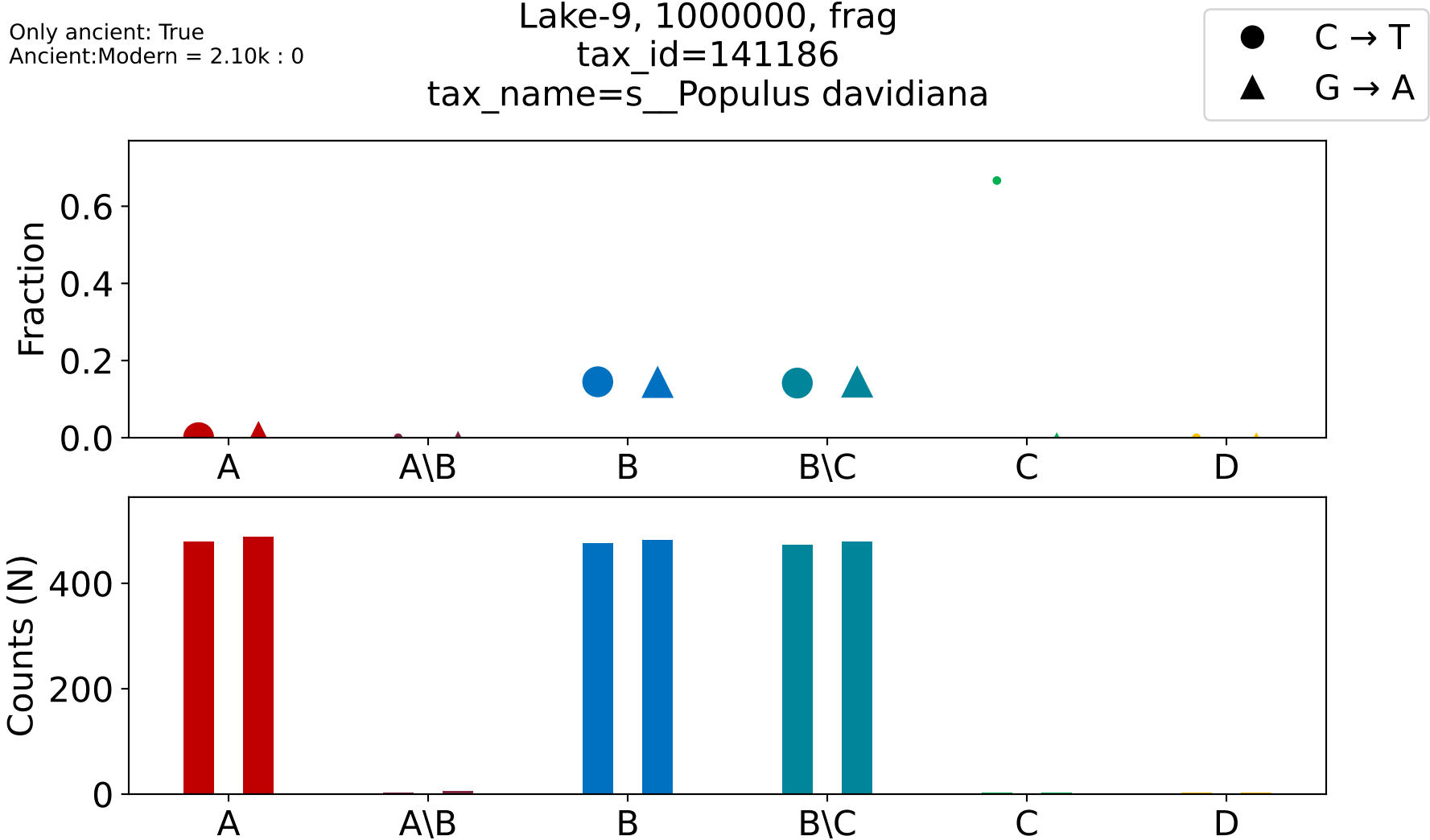

Only ancient: True
Ancient:Modern = 2.21k : 0
Lake-9, 1000000, frag
tax_id=133788
tax_name=s__Populus alba
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
600
400
200
0
A
A\B
B
B\C
C
D

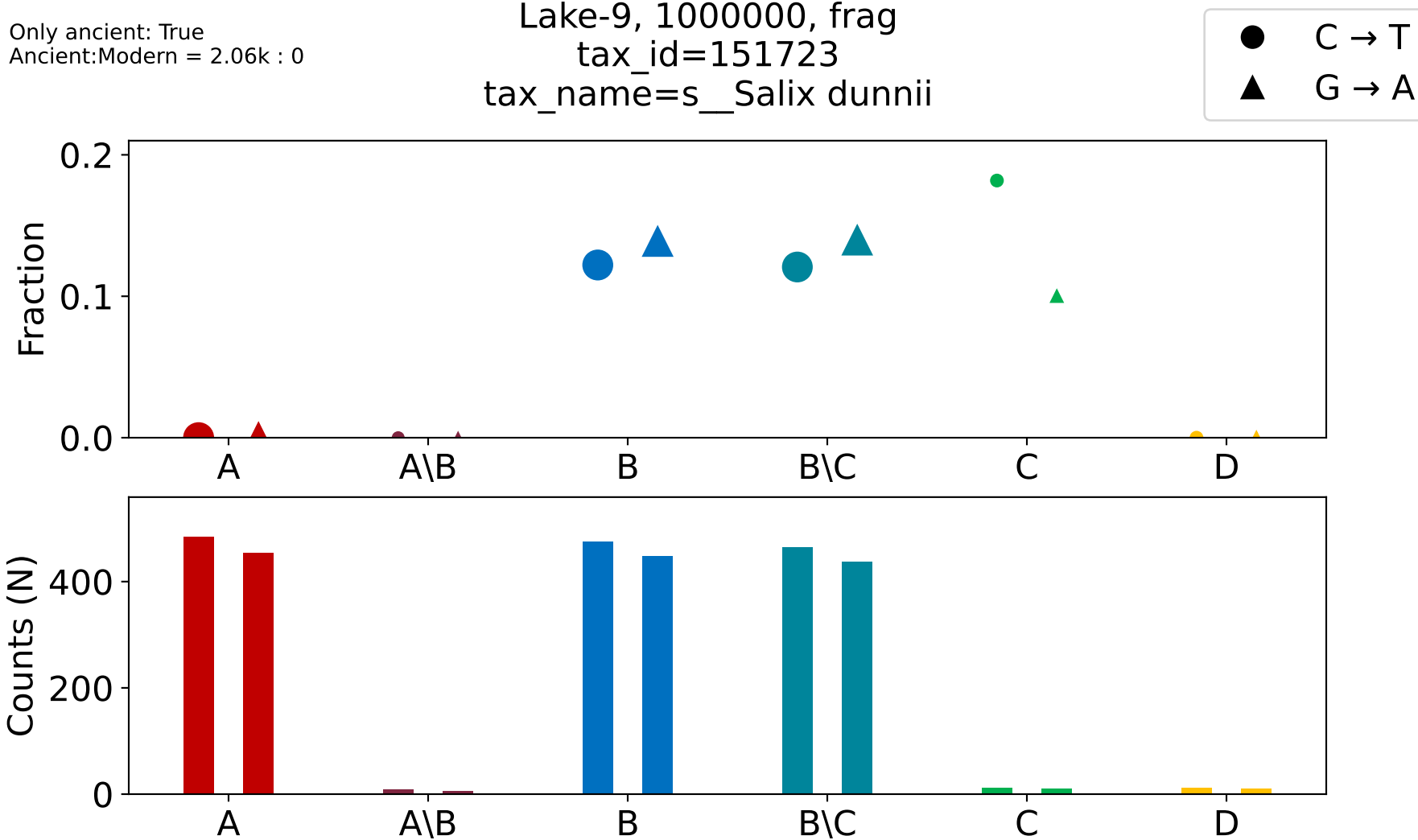

Only ancient: True
Ancient:Modern = 2.16k : 0
Lake-9, 1000000, frag
tax_id=149260
tax_name=s__Salix cardiophylla
C → T
G → A
Fraction
0.0
0.1
0.2
0.3
A
A\B
B
B\C
C
D
Counts (N)
0
200
400
A
A\B
B
B\C
C
D

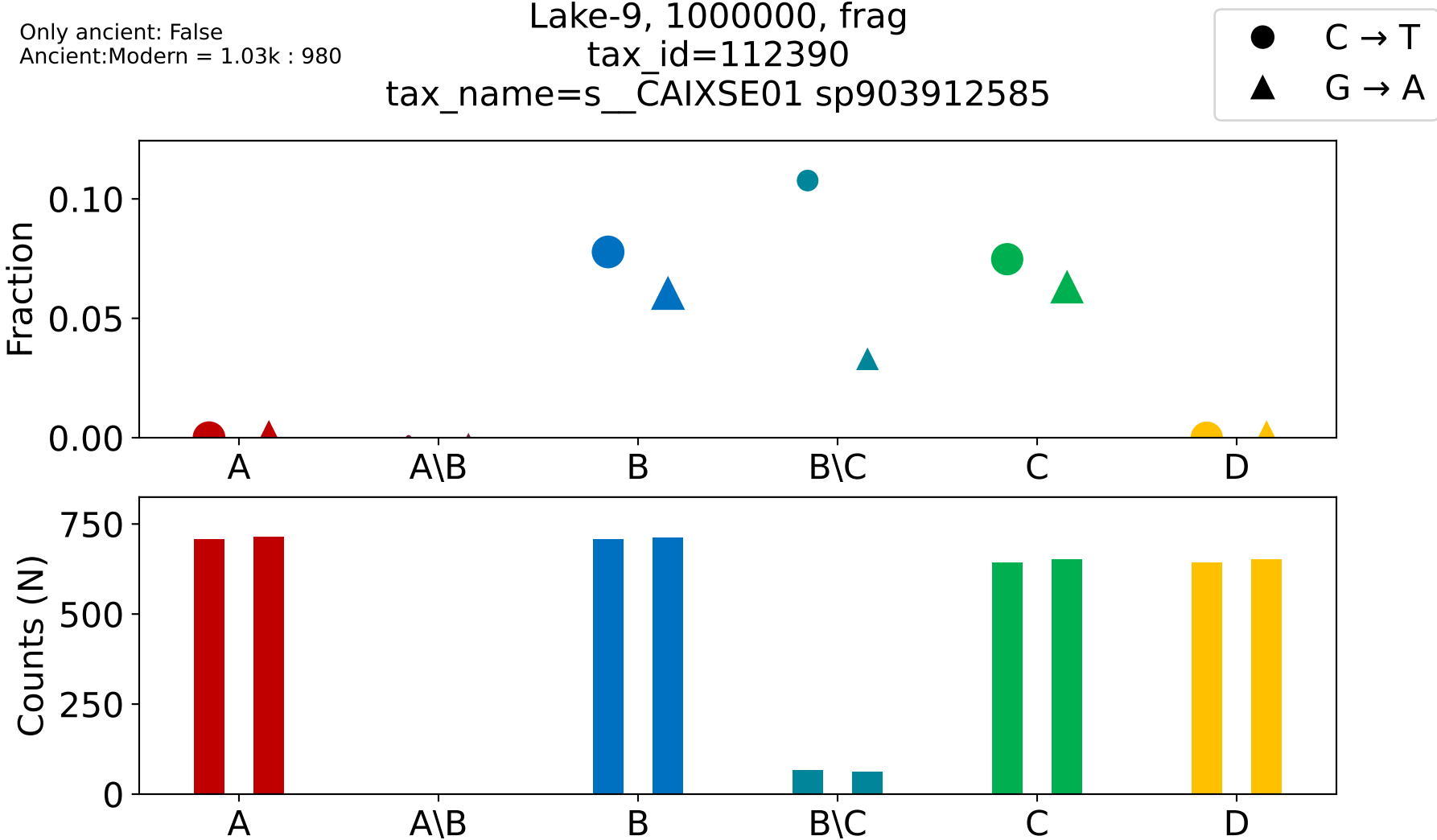

Only ancient: True
Ancient:Modern = 2.12k : 0
Lake-9, 1000000, frag
tax_id=138965
tax_name=s__Populus tremula
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
600
400
200
0
A
A\B
B
B\C
C
D

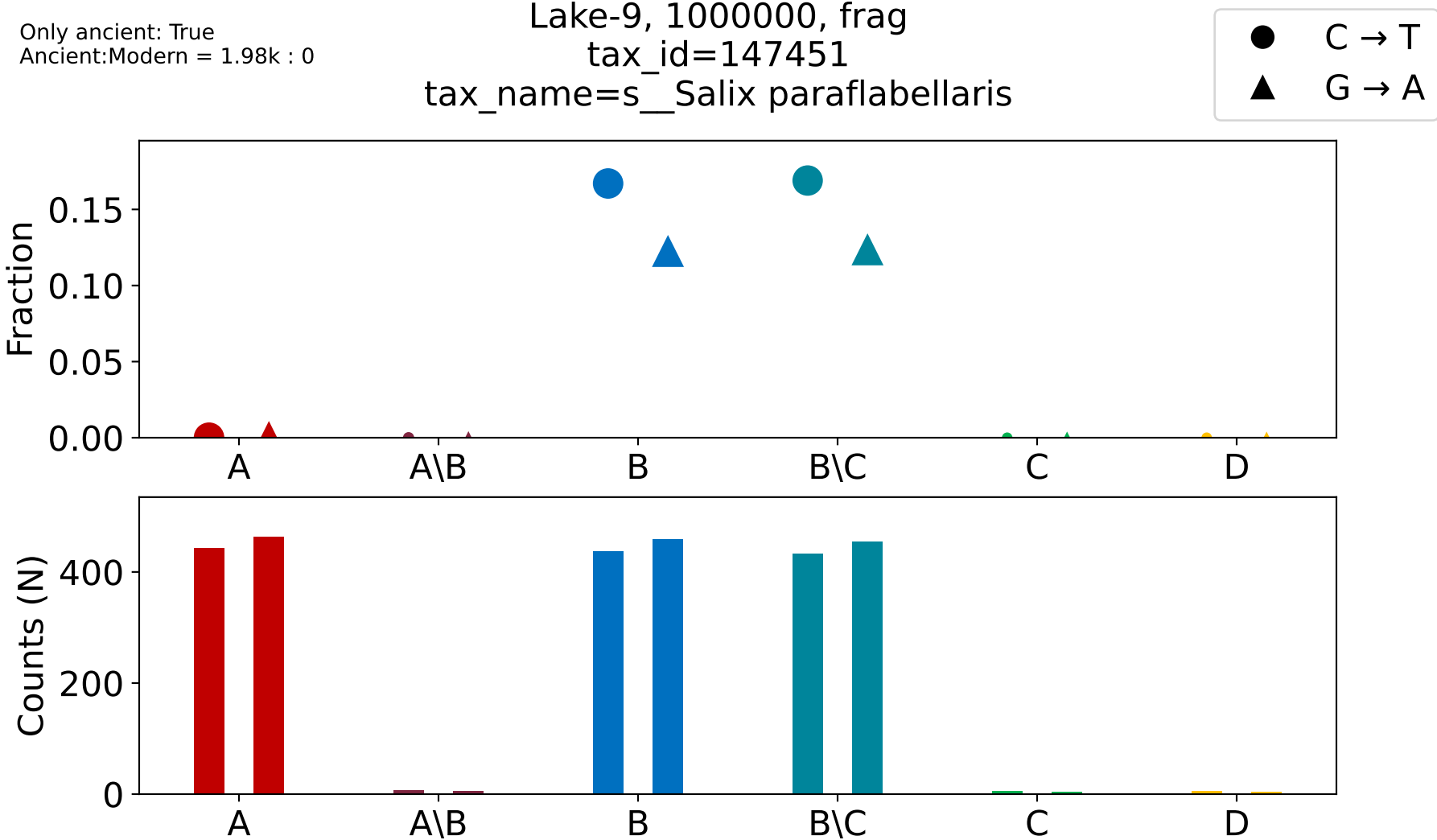

Only ancient: True
Ancient:Modern = 2.11k : 0
Lake-9, 1000000, frag
tax_id=139462
tax_name=s__Populus tremula x Populus alba
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

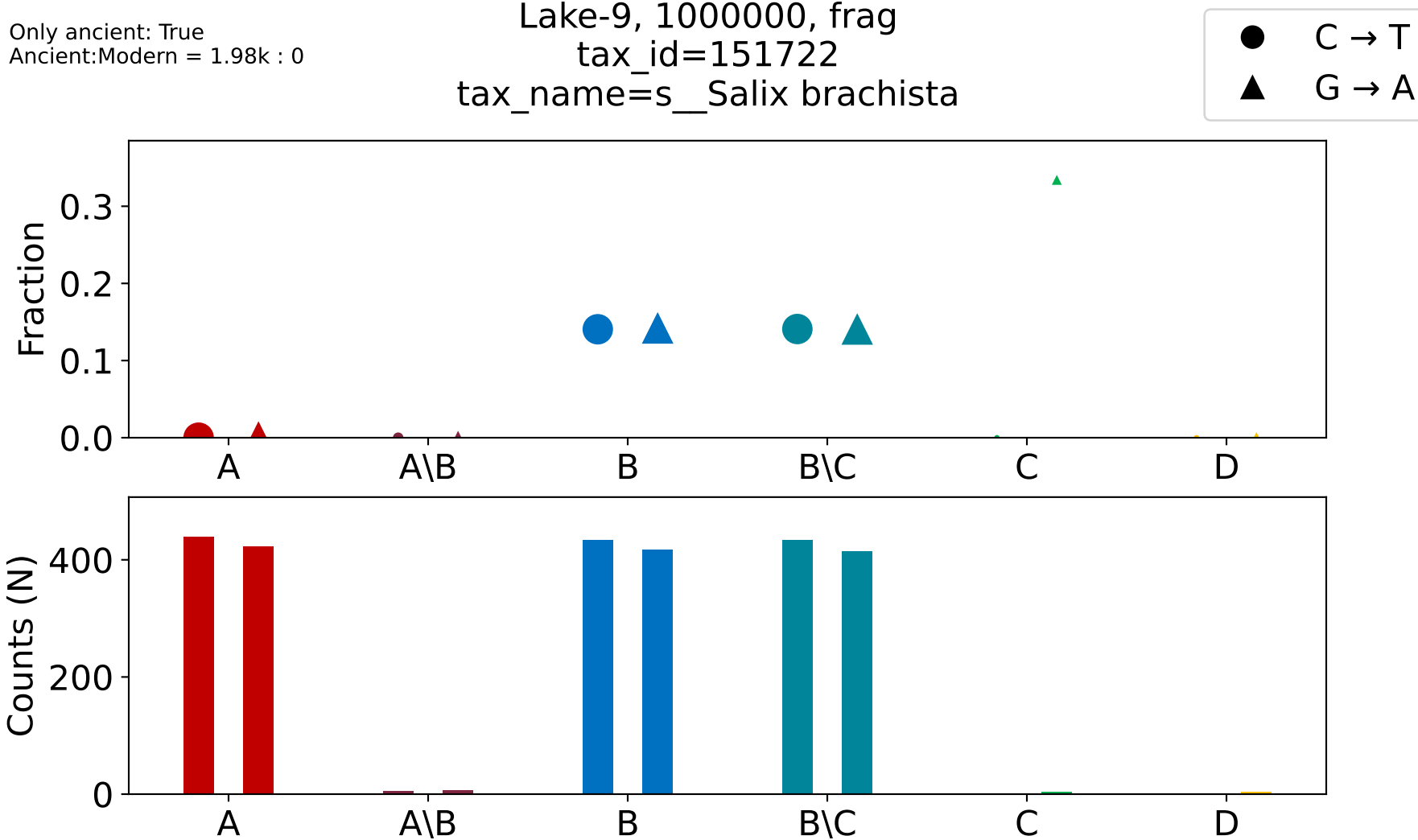

Only ancient: True
Ancient:Modern = 2.11k : 0
Lake-9, 1000000, frag
tax_id=138499
tax_name=s__Salix suchowensis
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

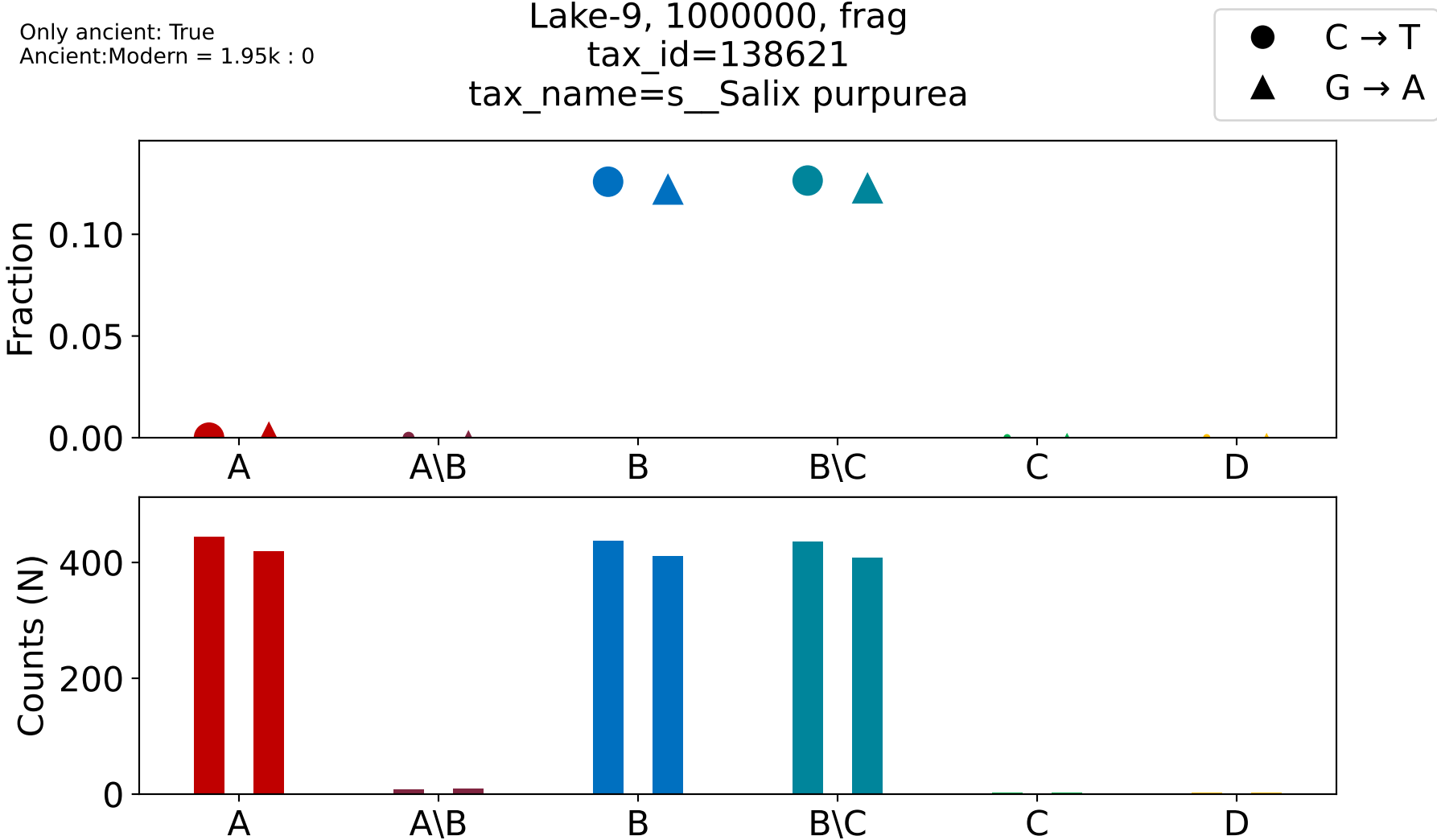

Only ancient: True
Ancient:Modern = 2.10k : 0
Lake-9, 1000000, frag
tax_id=141186
tax_name=s__Populus davidiana
C → T
G → A
Fraction
0.0
0.2
0.4
0.6
A
A\B
B
B\C
C
D
Counts (N)
0
200
400
A
A\B
B
B\C
C
D

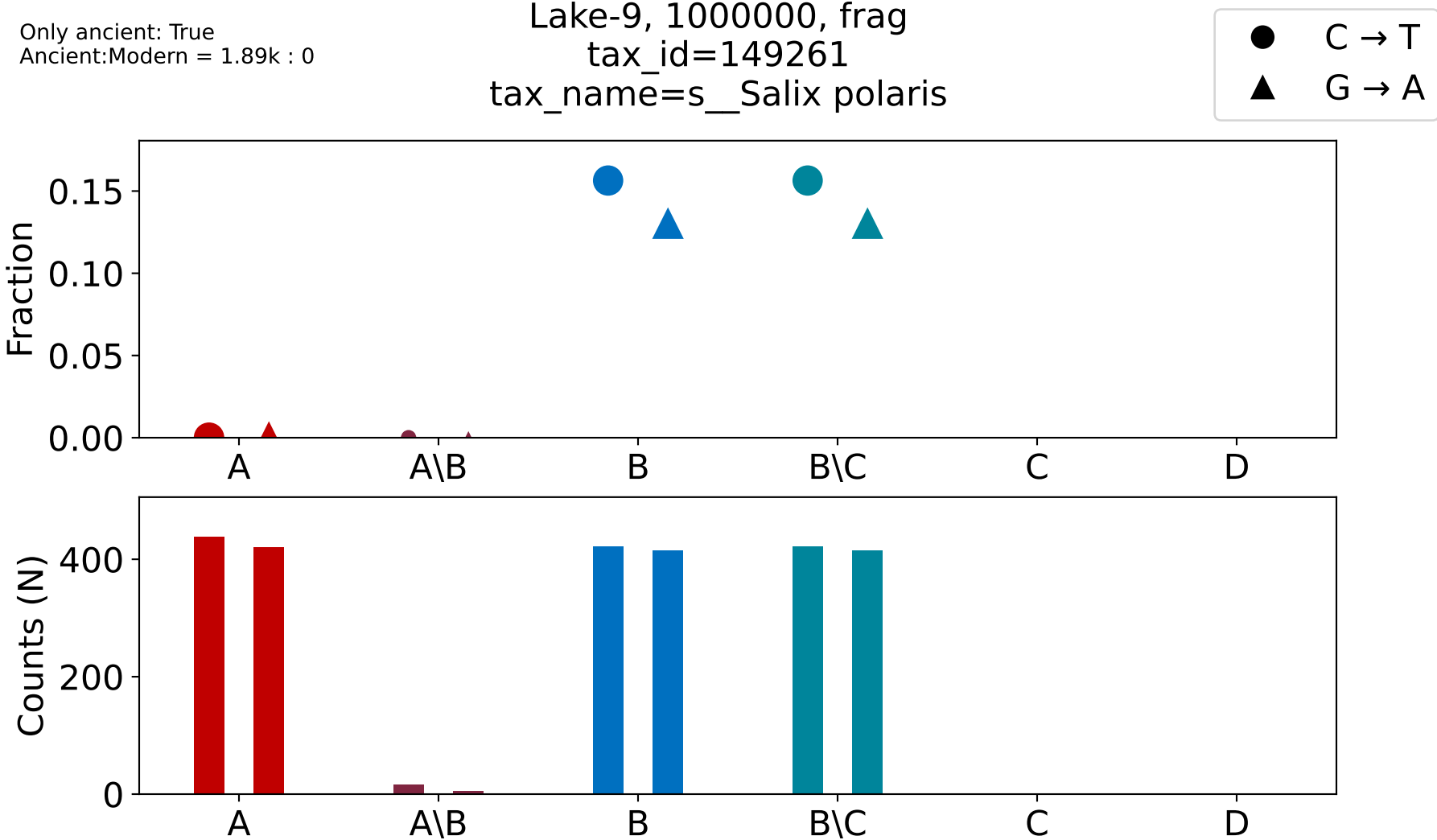

Only ancient: True
Ancient:Modern = 2.06k : 0
Lake-9, 1000000, frag
tax_id=151723
tax_name=s__Salix dunnii
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

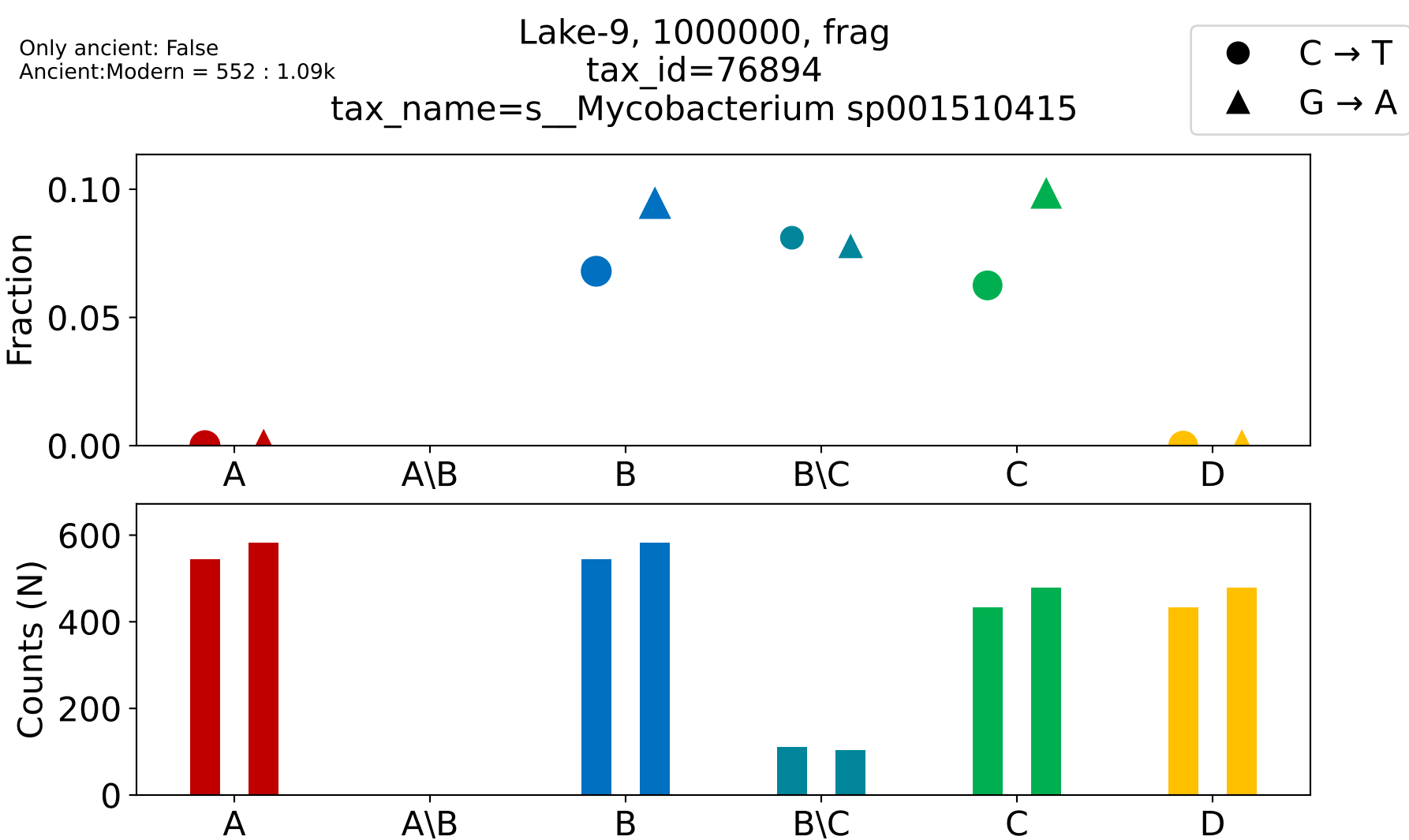

Only ancient: False
Ancient:Modern = 1.03k : 980
Lake-9, 1000000, frag
tax_id=112390
tax_name=s__CAIXSE01 sp903912585
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
750
500
250
0
A
A\B
B
B\C
C
D

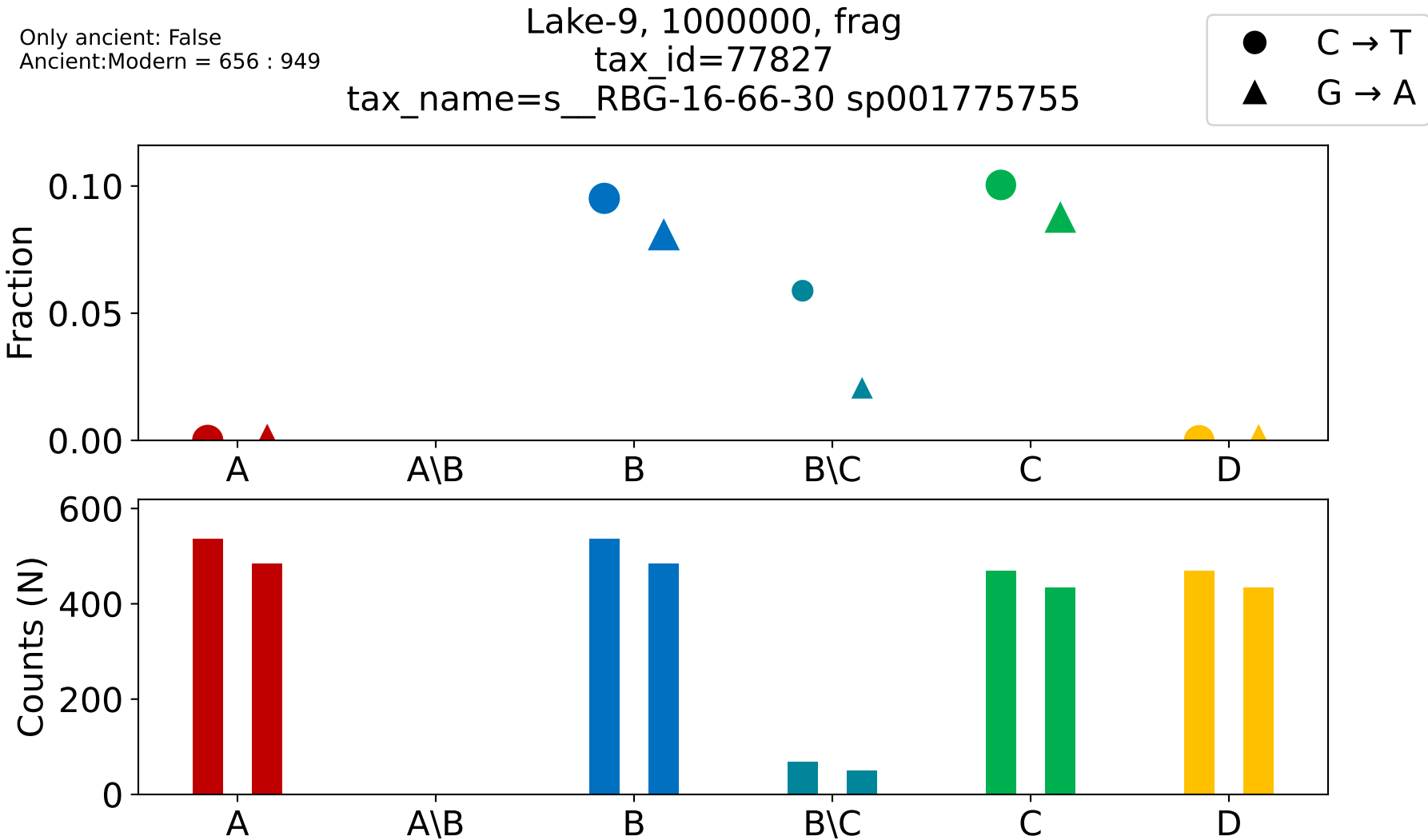

Only ancient: True
Ancient:Modern = 1.98k : 0
Lake-9, 1000000, frag
tax_id=147451
tax_name=s__Salix paraflabellaris
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

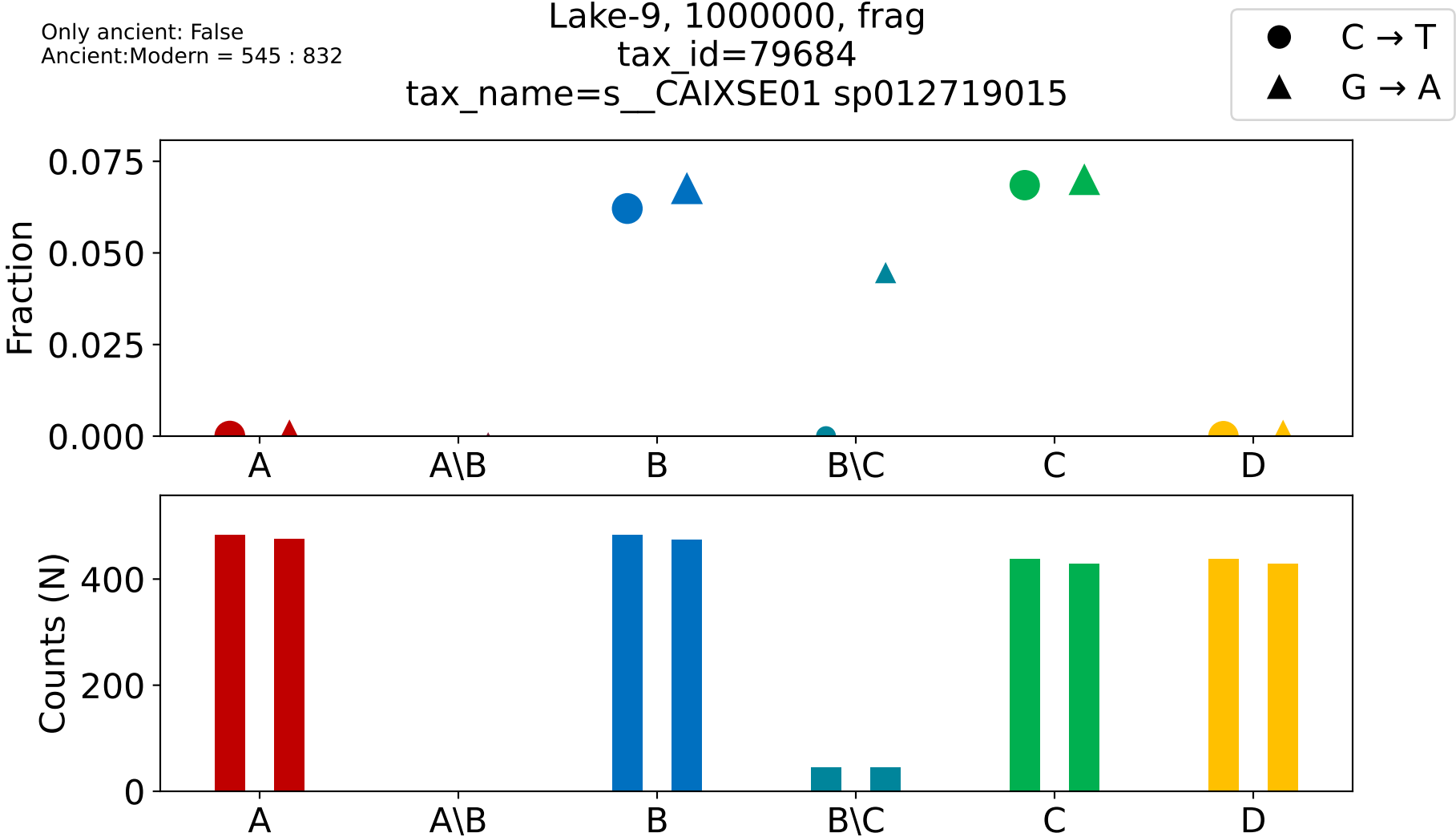

Only ancient: True
Ancient:Modern = 1.98k : 0
Lake-9, 1000000, frag
tax_id=151722
tax_name=s__Salix brachista
C → T
G → A
Fraction
0.0
0.1
0.2
0.3
A
A\B
B
B\C
C
D
Counts (N)
0
200
400
A
A\B
B
B\C
C
D

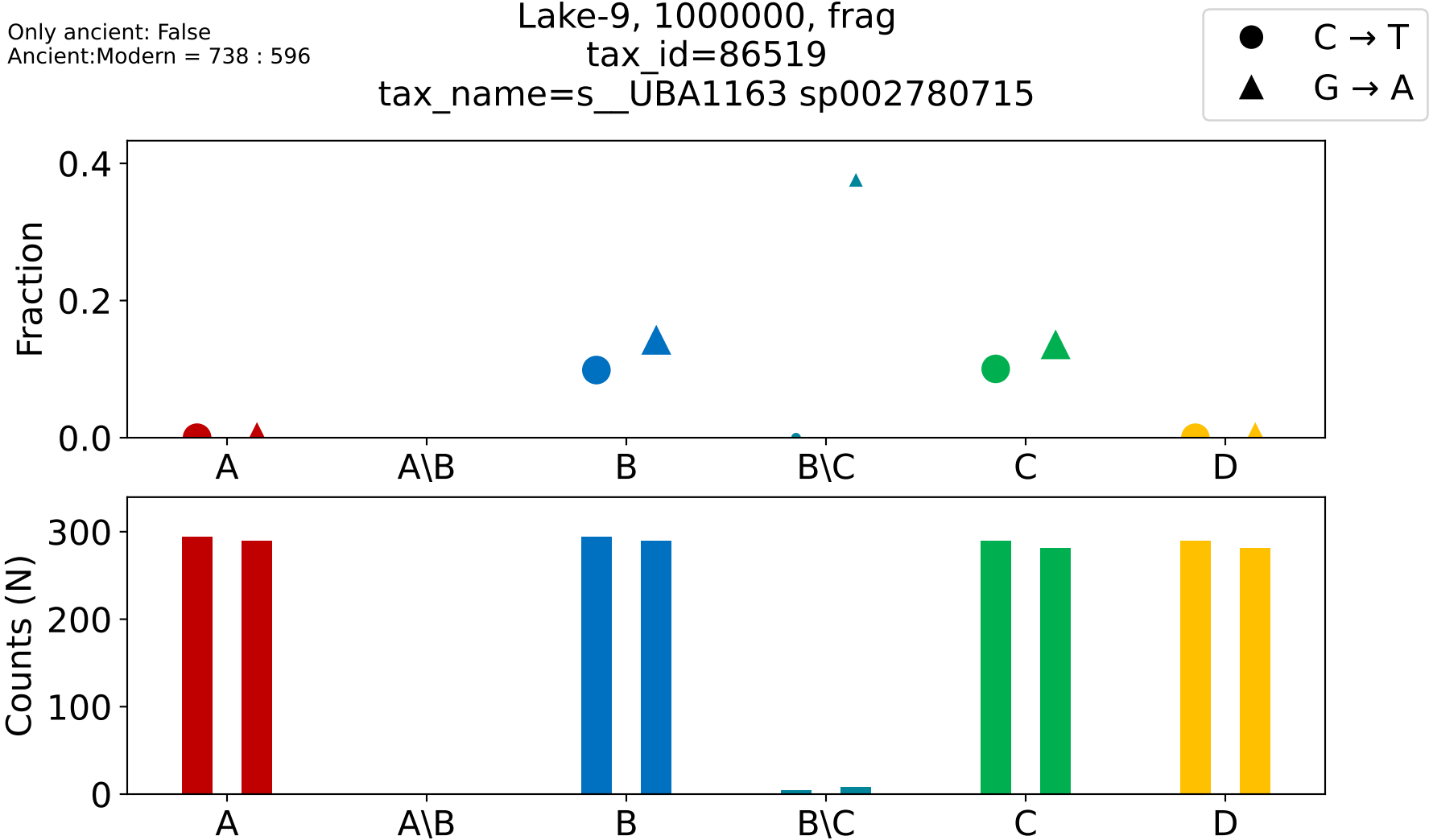

Only ancient: True
Ancient:Modern = 1.95k : 0
Lake-9, 1000000, frag
tax_id=138621
tax_name=s__Salix purpurea
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

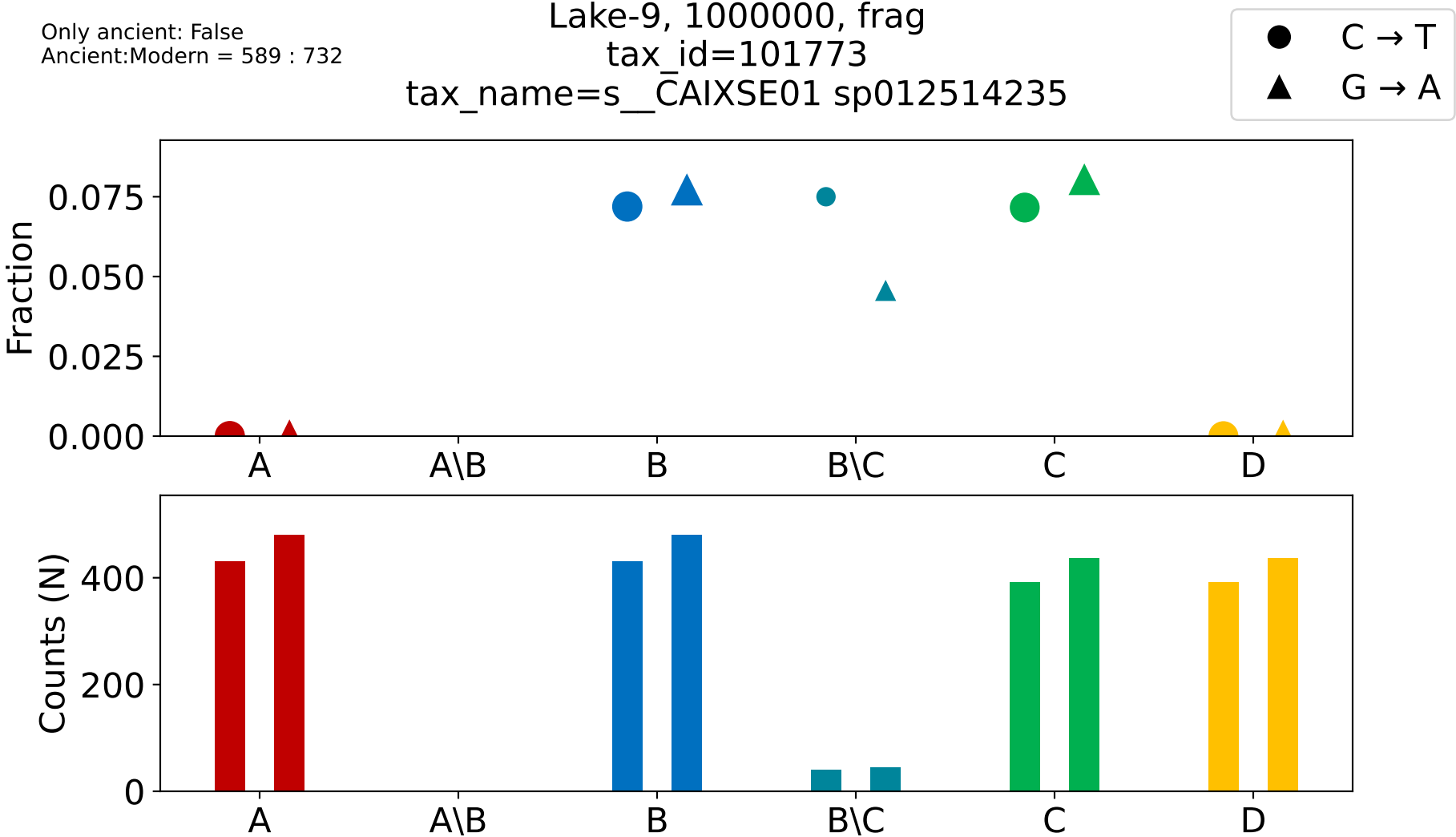

Only ancient: True
Ancient:Modern = 1.89k : 0
Lake-9, 1000000, frag
tax_id=149261
tax_name=s__Salix polaris
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

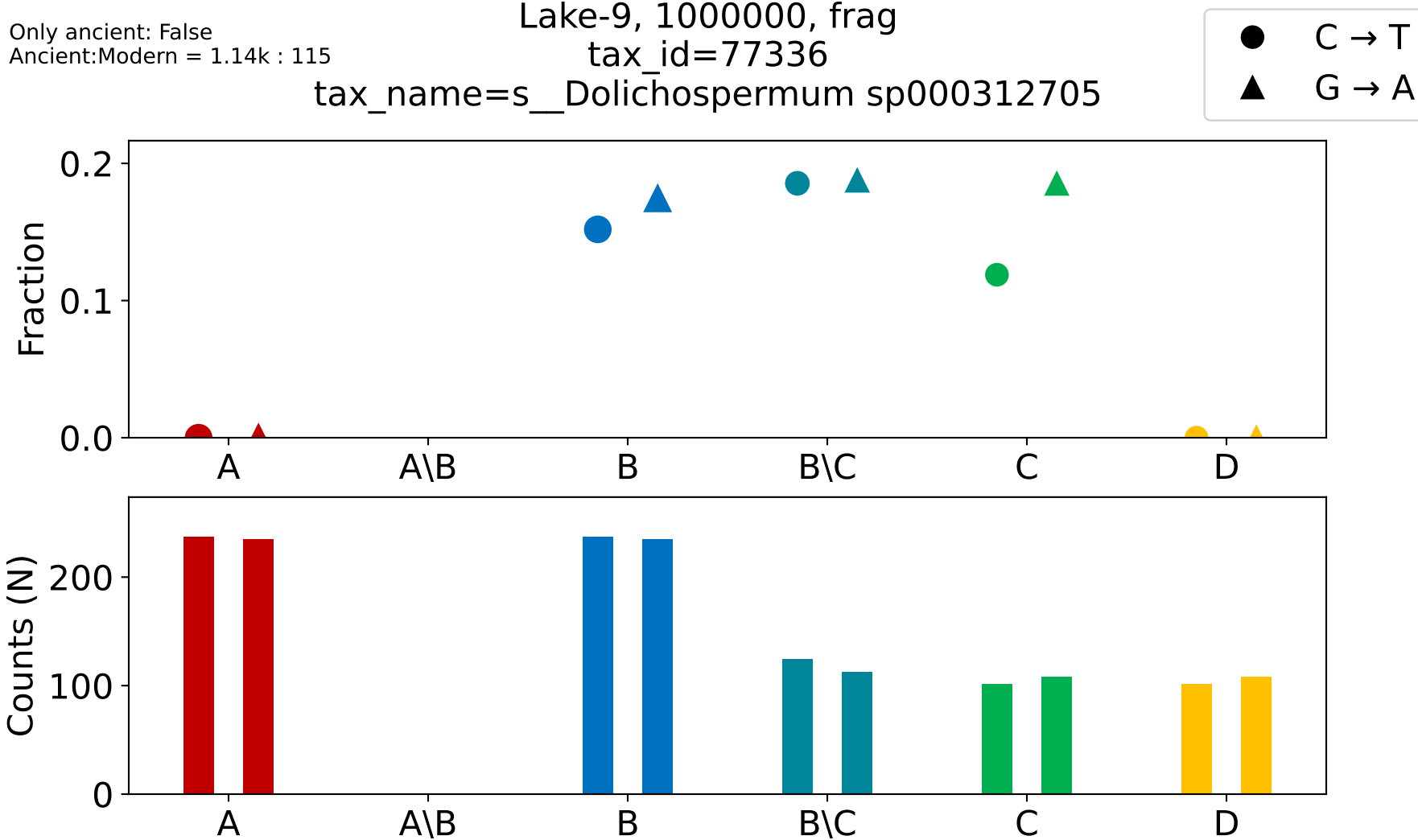

Only ancient: False
Ancient:Modern = 552 : 1.09k
Lake-9, 1000000, frag
tax_id=76894
tax_name=s__Mycobacterium sp001510415
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
600
400
200
0
A
A\B
B
B\C
C
D

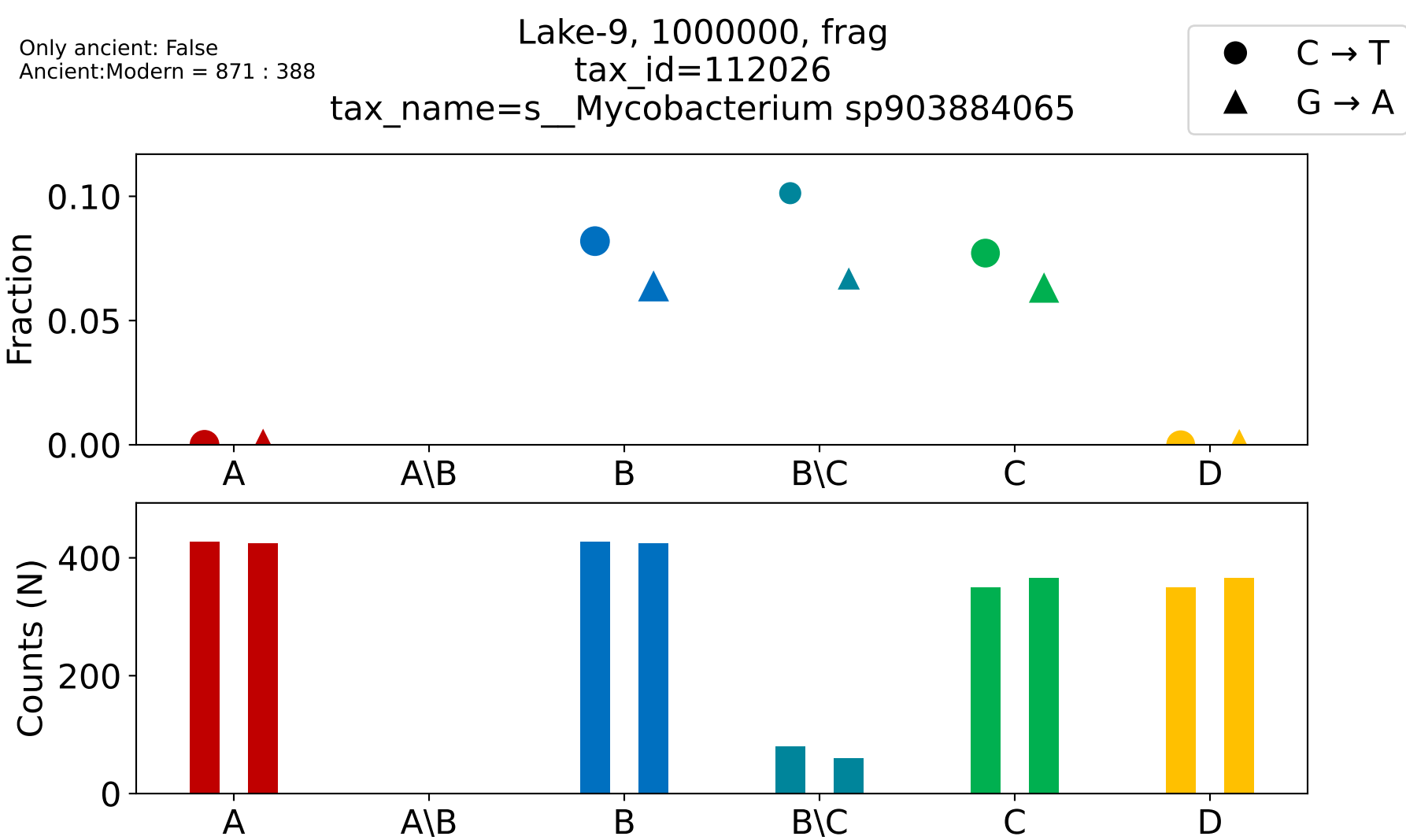

Only ancient: False
Ancient:Modern = 656 : 949
Lake-9, 1000000, frag
tax_id=77827
tax_name=s__RBG-16-66-30 sp001775755
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
600
400
200
0
A
A\B
B
B\C
C
D

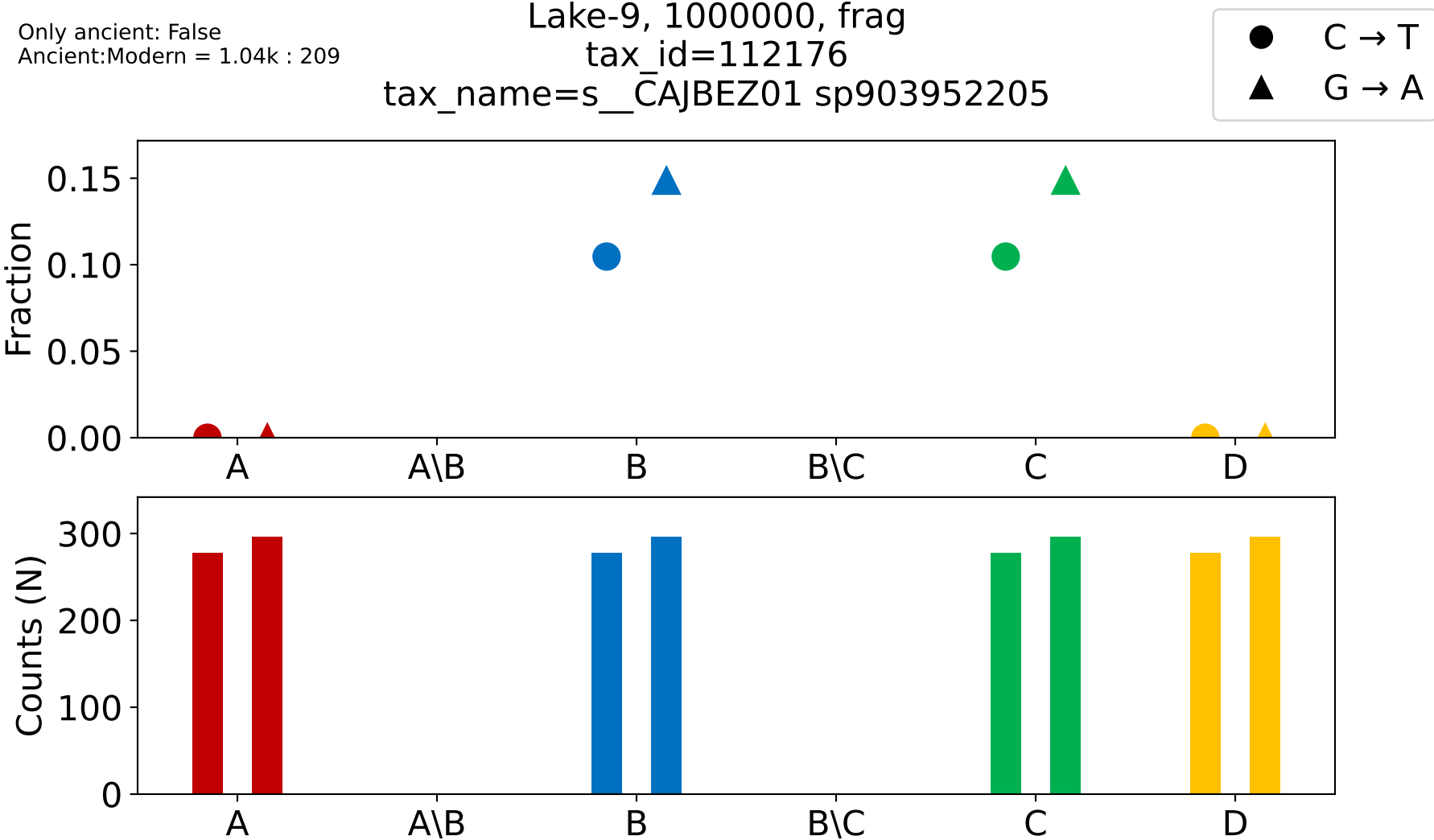

Only ancient: False
Ancient:Modern = 545 : 832
Lake-9, 1000000, frag
tax_id=79684
tax_name=s__CAIXSE01 sp012719015
C → T
G → A
Fraction
0.075
0.050
0.025
0.000
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

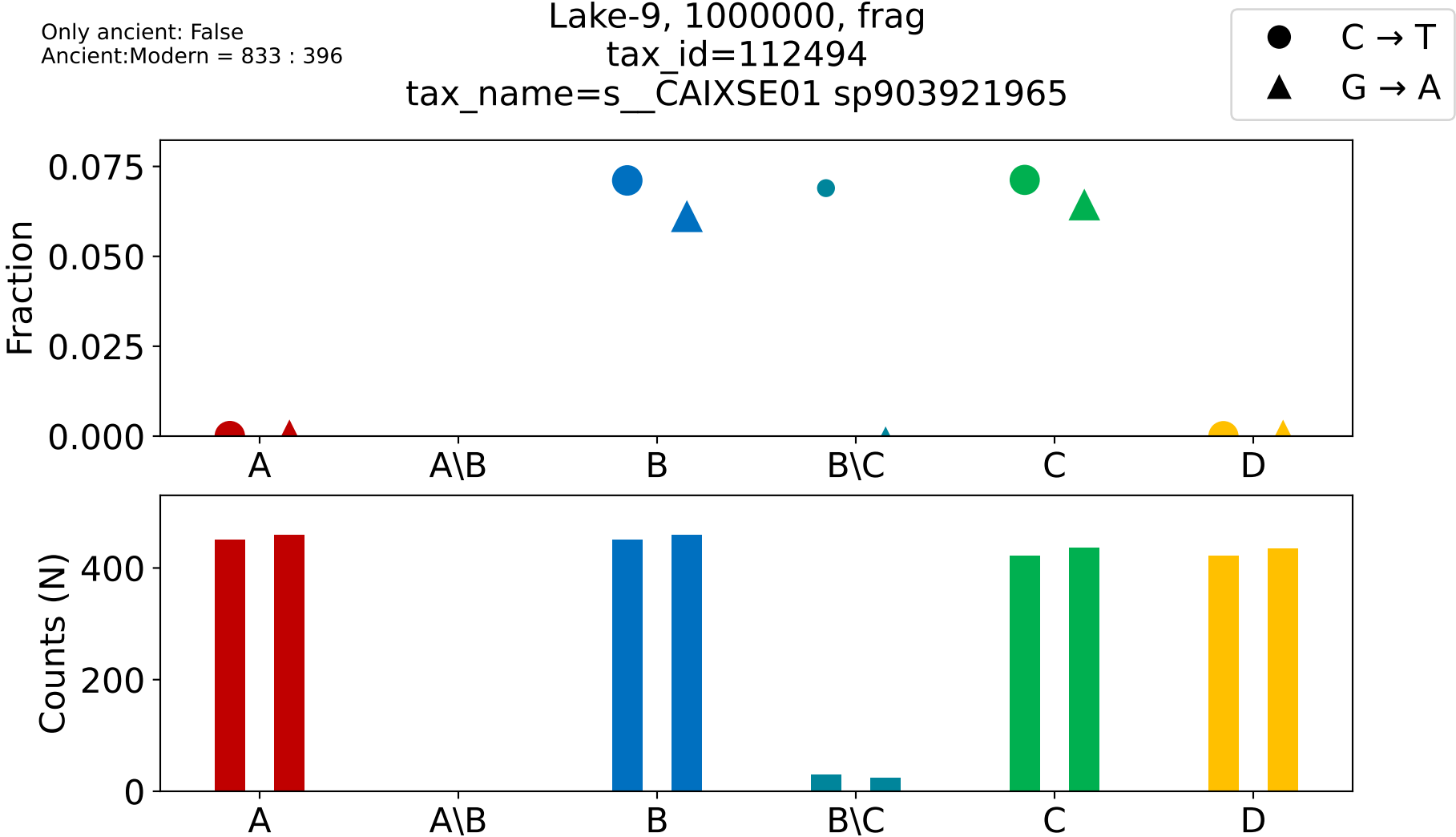

Only ancient: False
Ancient:Modern = 738 : 596
Lake-9, 1000000, frag
tax_id=86519
tax_name=s__UBA1163 sp002780715
C → T
G → A
Fraction
0.4
0.2
0.0
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D

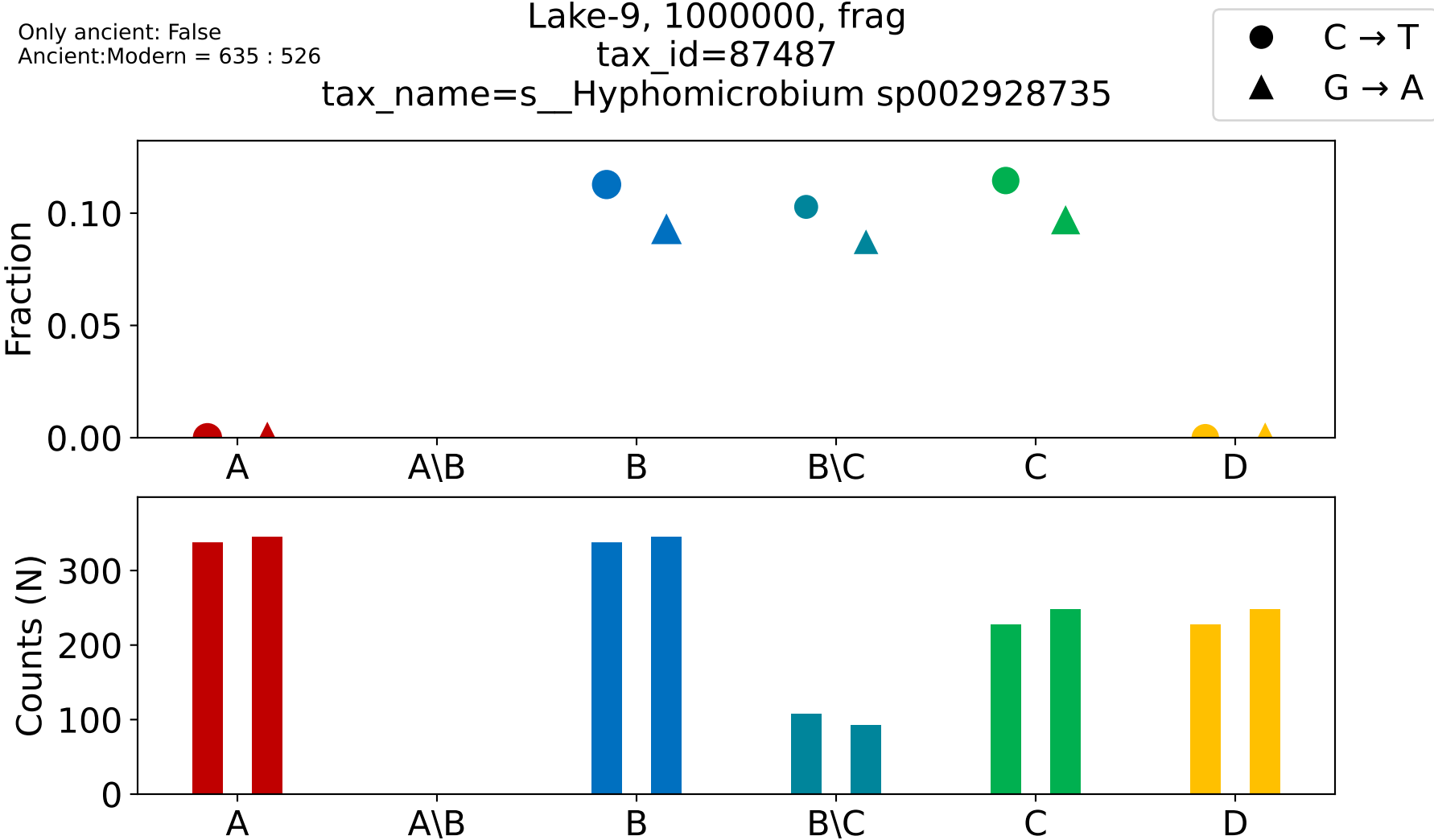

Only ancient: False
Ancient:Modern = 589 : 732
Lake-9, 1000000, frag
tax_id=101773
tax_name=s__CAIXSE01 sp012514235
C → T
G → A
Fraction
0.075
0.050
0.025
0.000
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

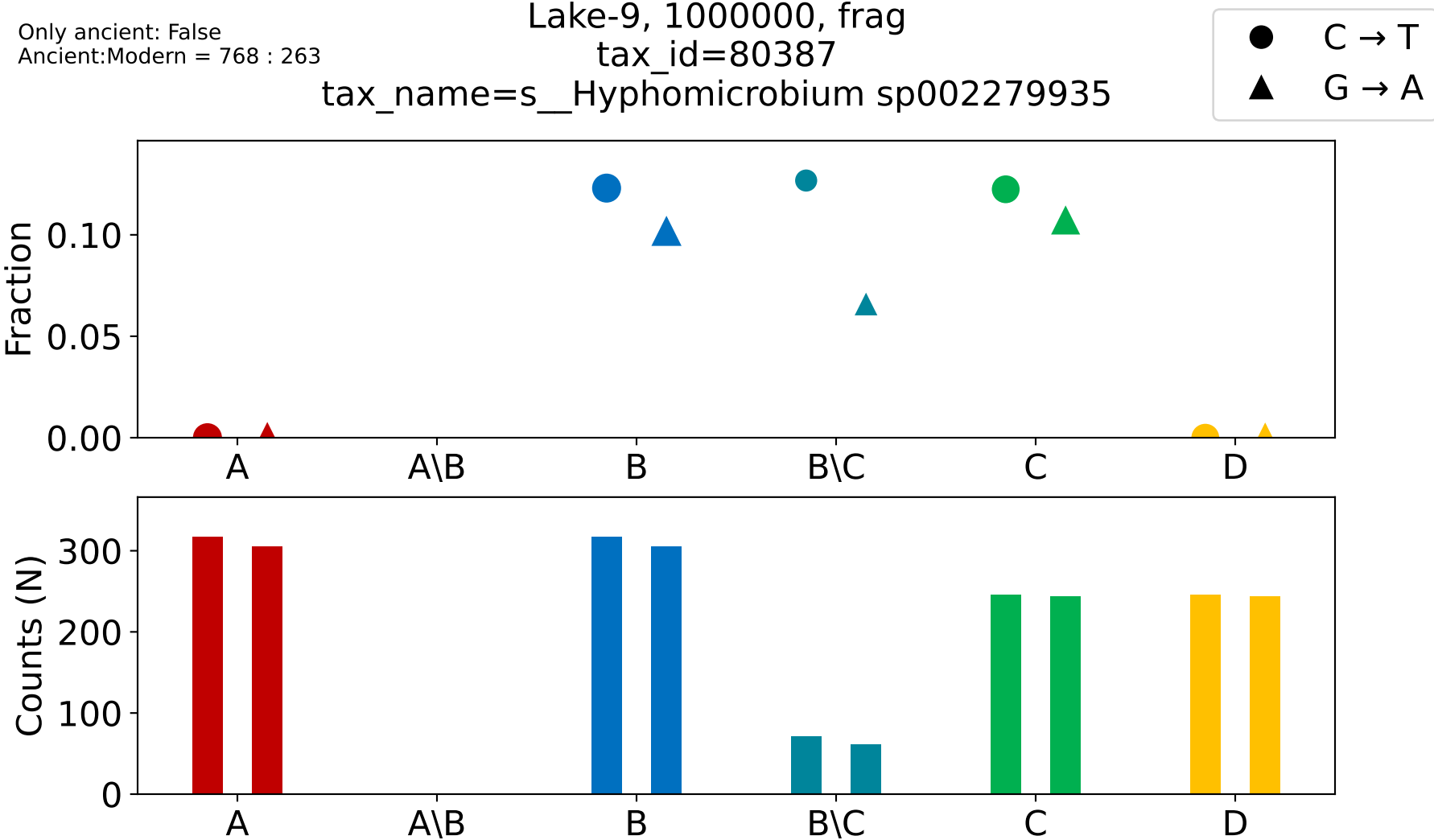

Only ancient: False
Ancient:Modern = 1.14k : 115
Lake-9, 1000000, frag
tax_id=77336
tax_name=s__Dolichospermum sp000312705
C → T
G → A
Fraction
0.2
0.1
0.0
A
A\B
B
B\C
C
D
Counts (N)
200
100
0
A
A\B
B
B\C
C
D

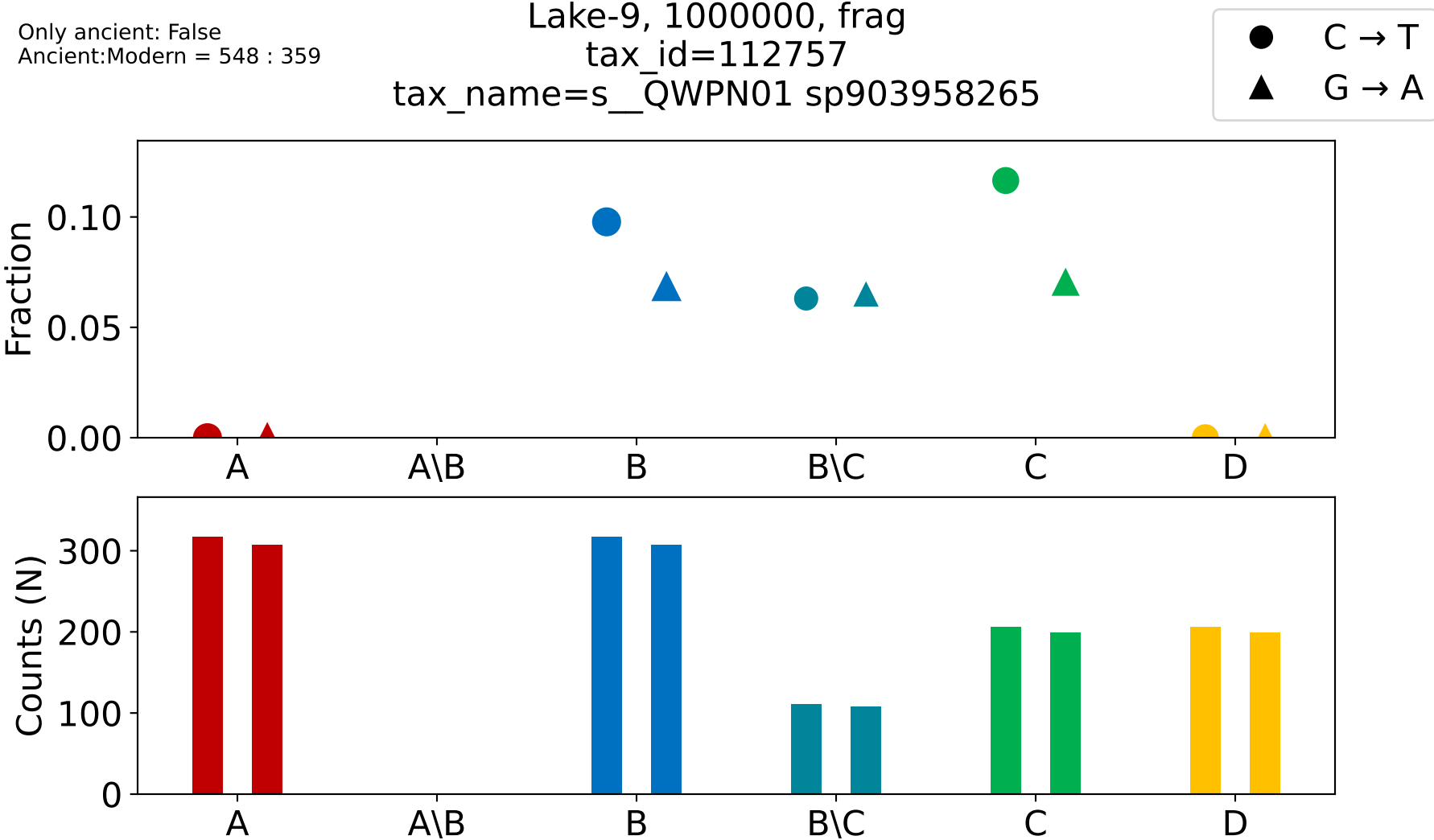

Only ancient: False
Ancient:Modern = 871 : 388
Lake-9, 1000000, frag
tax_id=112026
tax_name=s__Mycobacterium sp903884065
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

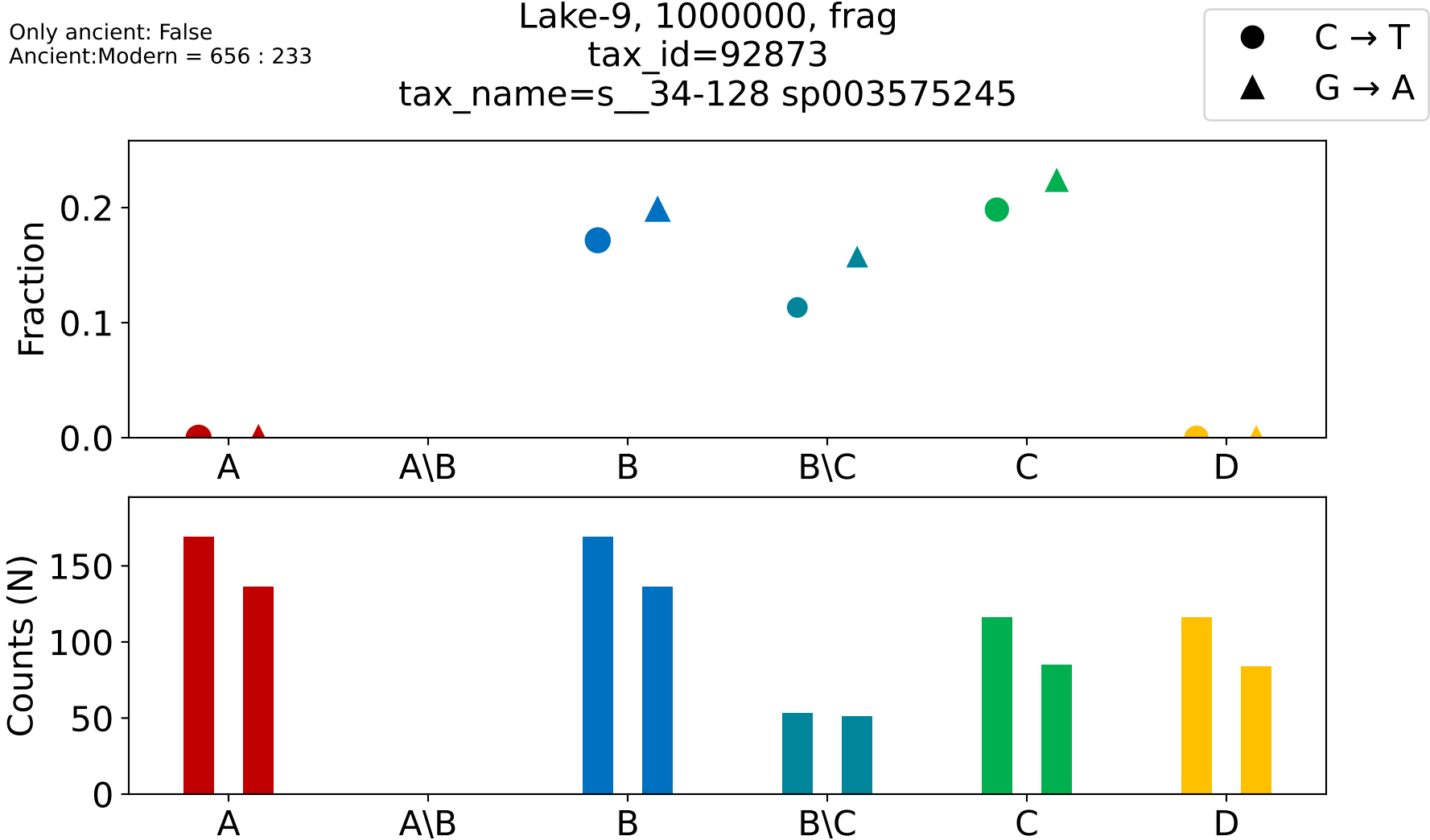

Only ancient: False
Ancient:Modern = 1.04k : 209
Lake-9, 1000000, frag
tax_id=112176
tax_name=s__CAJBEZ01 sp903952205
C → T
G → A
Fraction
0.15
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D

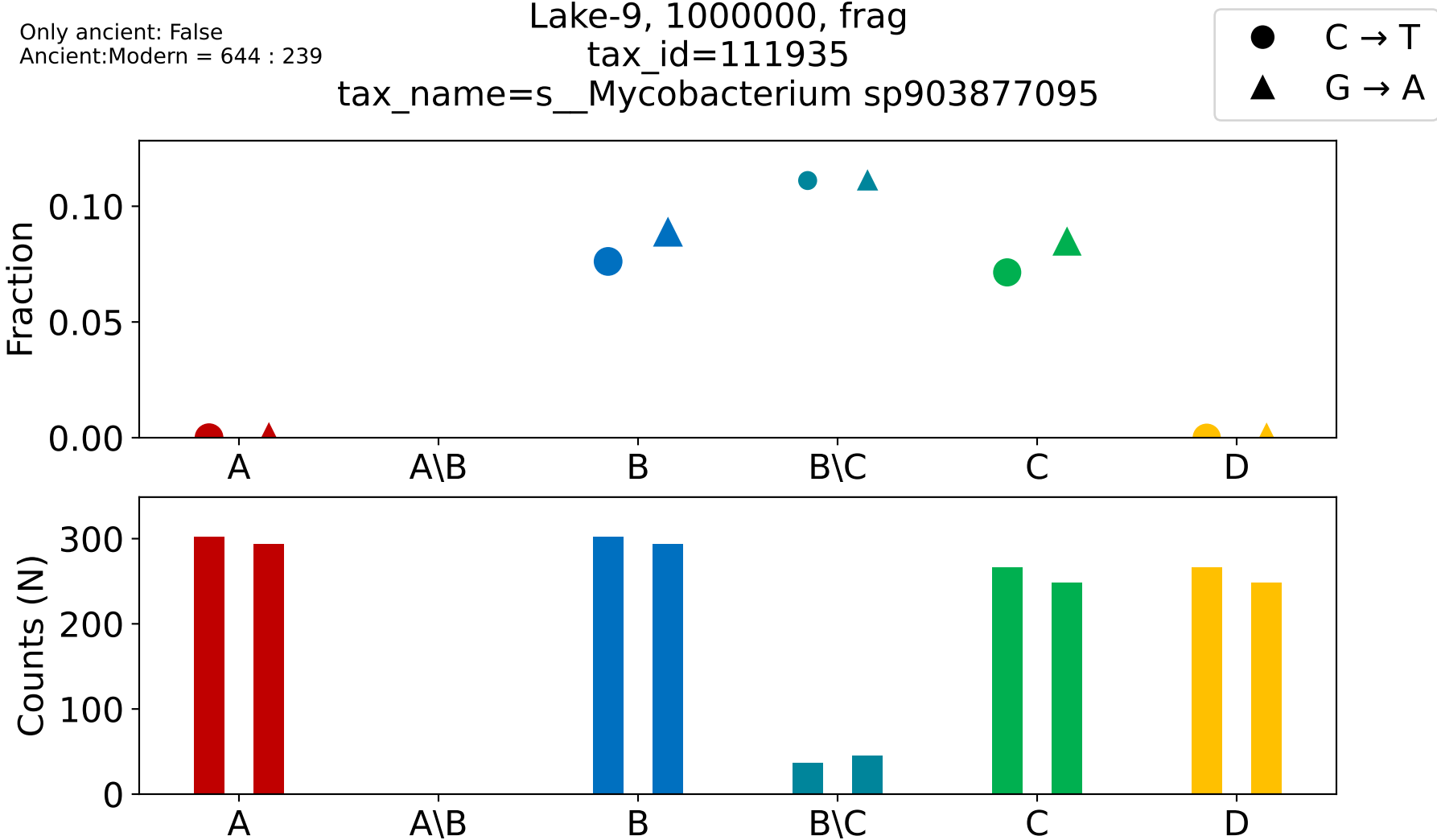

Only ancient: False
Ancient:Modern = 833 : 396
Lake-9, 1000000, frag
tax_id=112494
tax_name=s__CAIXSE01 sp903921965
C → T
G → A
Fraction
0.075
0.050
0.025
0.000
A
A\B
B
B\C
C
D
Counts (N)
400
200
0
A
A\B
B
B\C
C
D

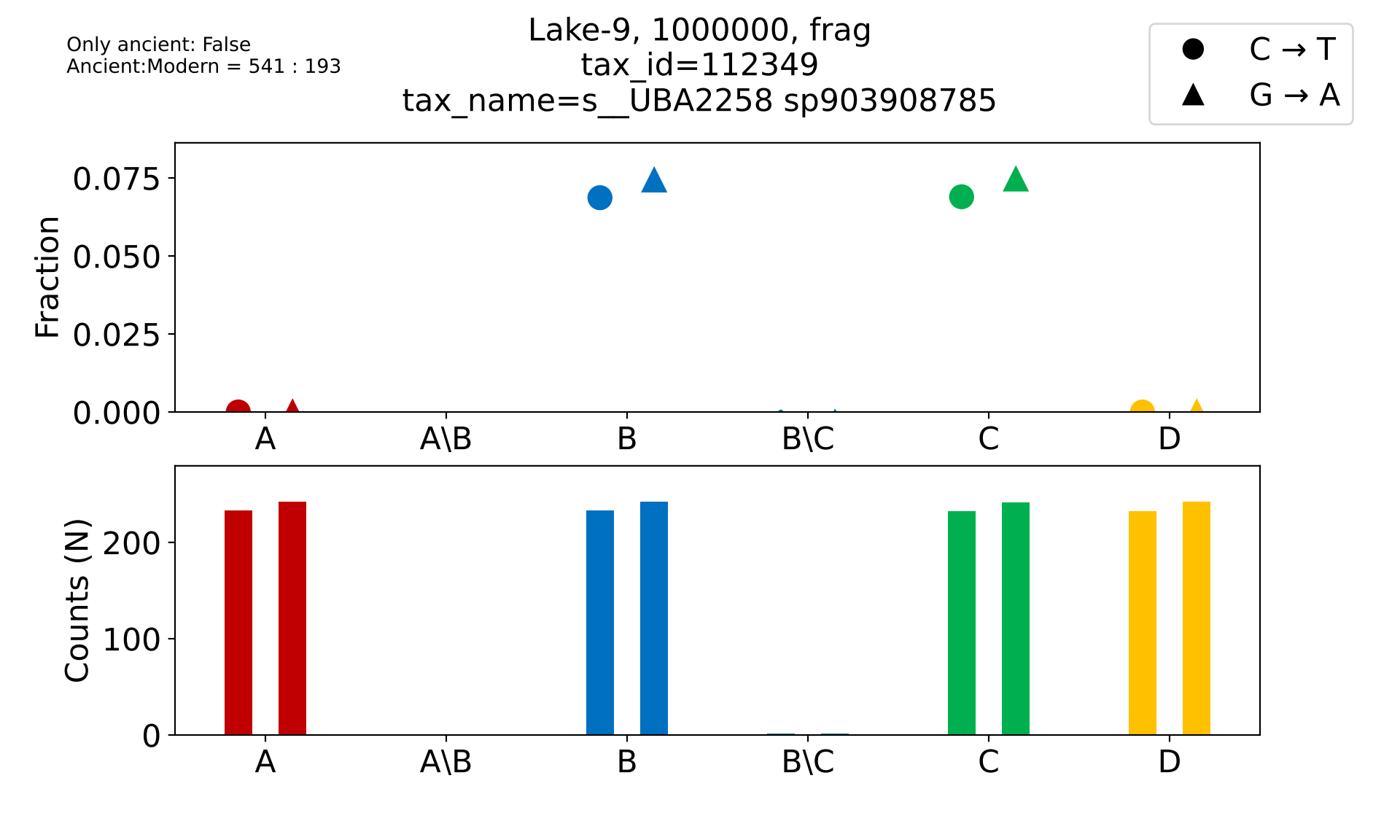

Only ancient: False
Ancient:Modern = 635 : 526
Lake-9, 1000000, frag
tax_id=87487
tax_name=s__Hyphomicrobium sp002928735
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D

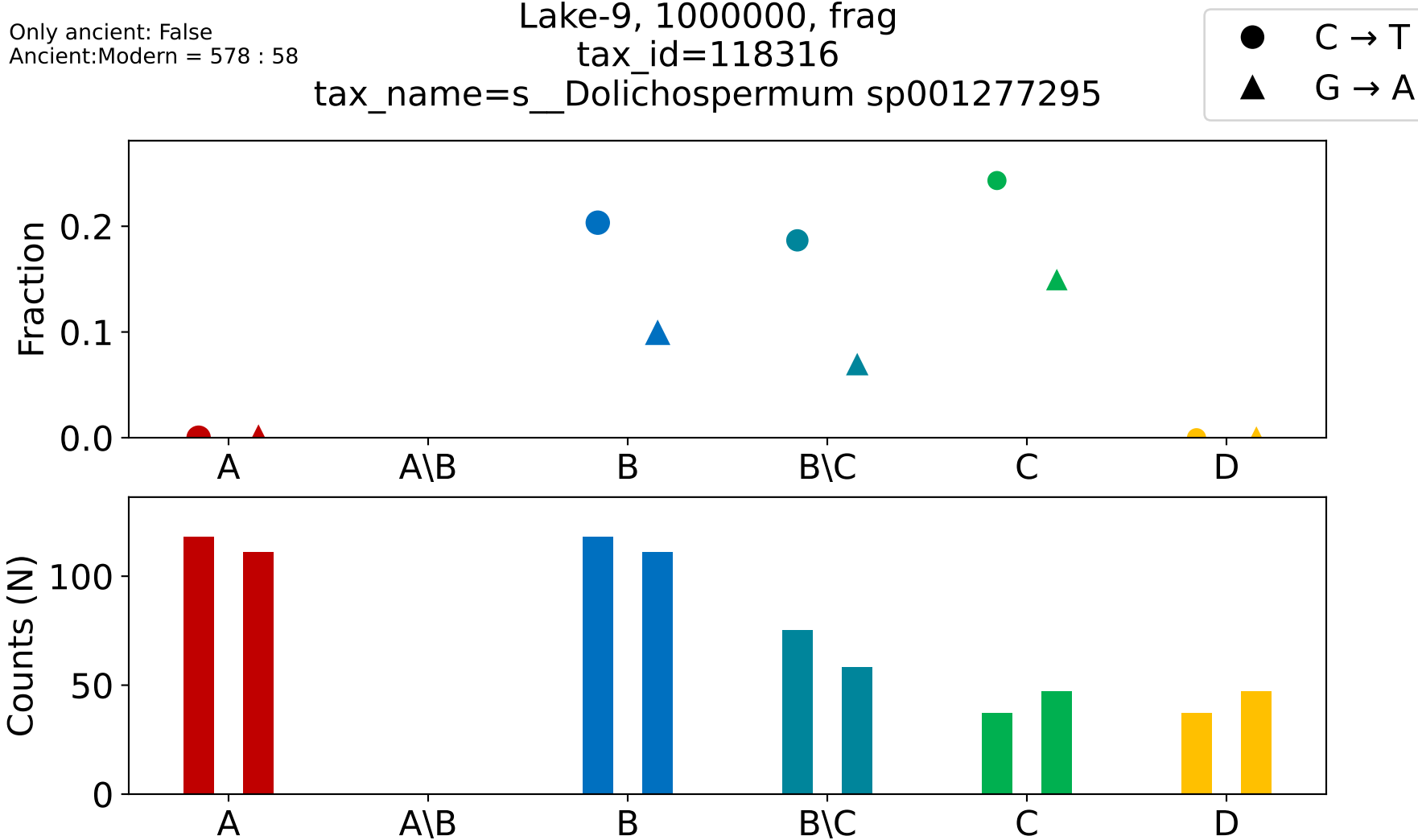

Only ancient: False
Ancient:Modern = 768 : 263
Lake-9, 1000000, frag
tax_id=80387
tax_name=s__Hyphomicrobium sp002279935
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D


Only ancient: False
Ancient:Modern = 548 : 359
Lake-9, 1000000, frag
tax_id=112757
tax_name=s__QWPN01 sp903958265
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D


Only ancient: False
Ancient:Modern = 656 : 233
Lake-9, 1000000, frag
tax_id=92873
tax_name=s__34-128 sp003575245
C → T
G → A
Fraction
0.0
0.1
0.2
A
A\B
B
B\C
C
D
Counts (N)
0
50
100
150
A
A\B
B
B\C
C
D


Only ancient: False
Ancient:Modern = 644 : 239
Lake-9, 1000000, frag
tax_id=111935
tax_name=s__Mycobacterium sp903877095
C → T
G → A
Fraction
0.10
0.05
0.00
A
A\B
B
B\C
C
D
Counts (N)
300
200
100
0
A
A\B
B
B\C
C
D


Only ancient: False
Ancient:Modern = 541 : 193
Lake-9, 1000000, frag
tax_id=112349
tax_name=s__UBA2258 sp903908785
C → T
G → A
Fraction
0.075
0.050
0.025
0.000
A
A\B
B
B\C
C
D
Counts (N)
200
100
0
A
A\B
B
B\C
C
D


Only ancient: False
Ancient:Modern = 578 : 58
Lake-9, 1000000, frag
tax_id=118316
tax_name=s__Dolichospermum sp001277295
C → T
G → A
Fraction
0.0
0.1
0.2
A
A\B
B
B\C
C
D
Counts (N)
0
50
100
A
A\B
B
B\C
C
D