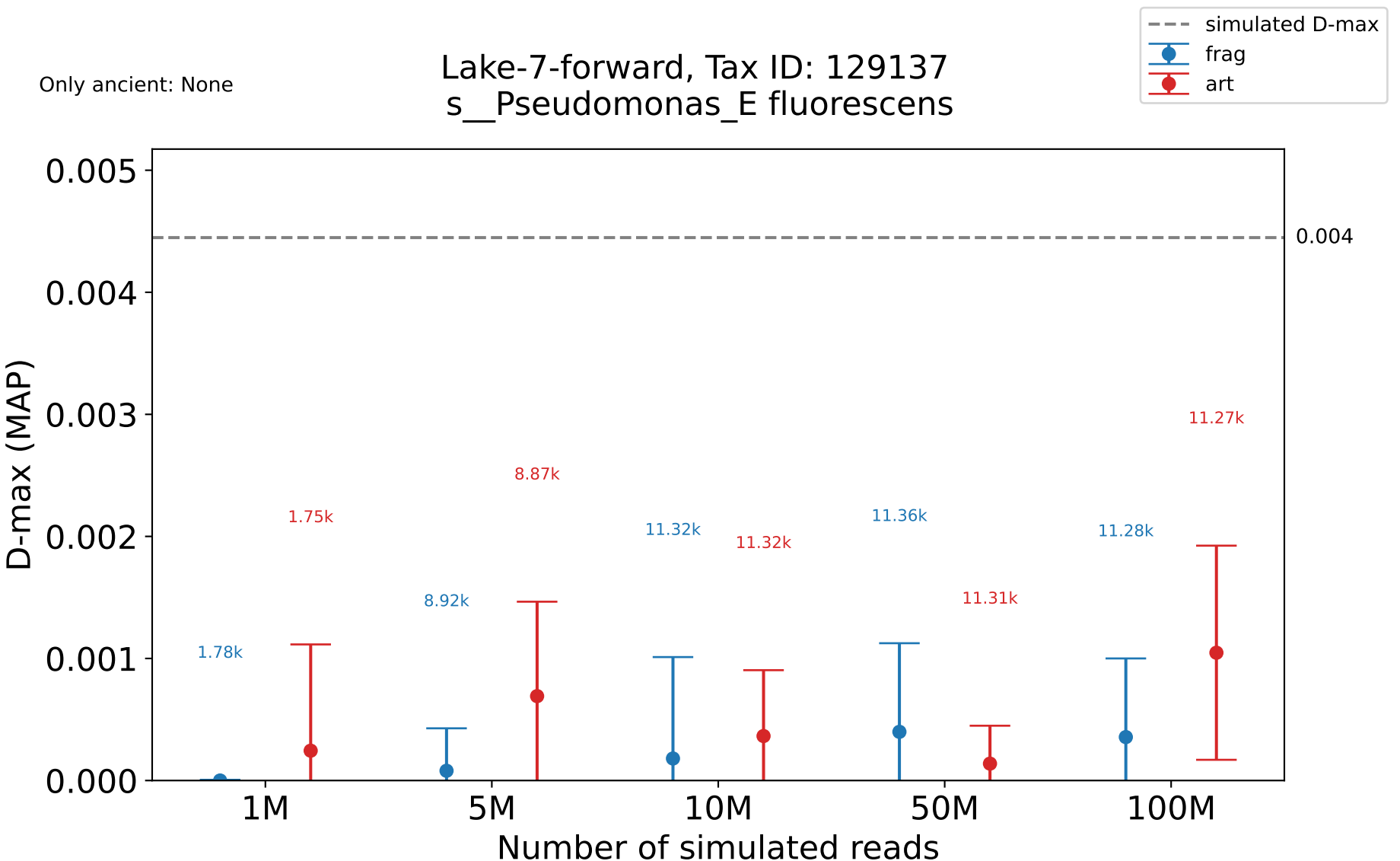
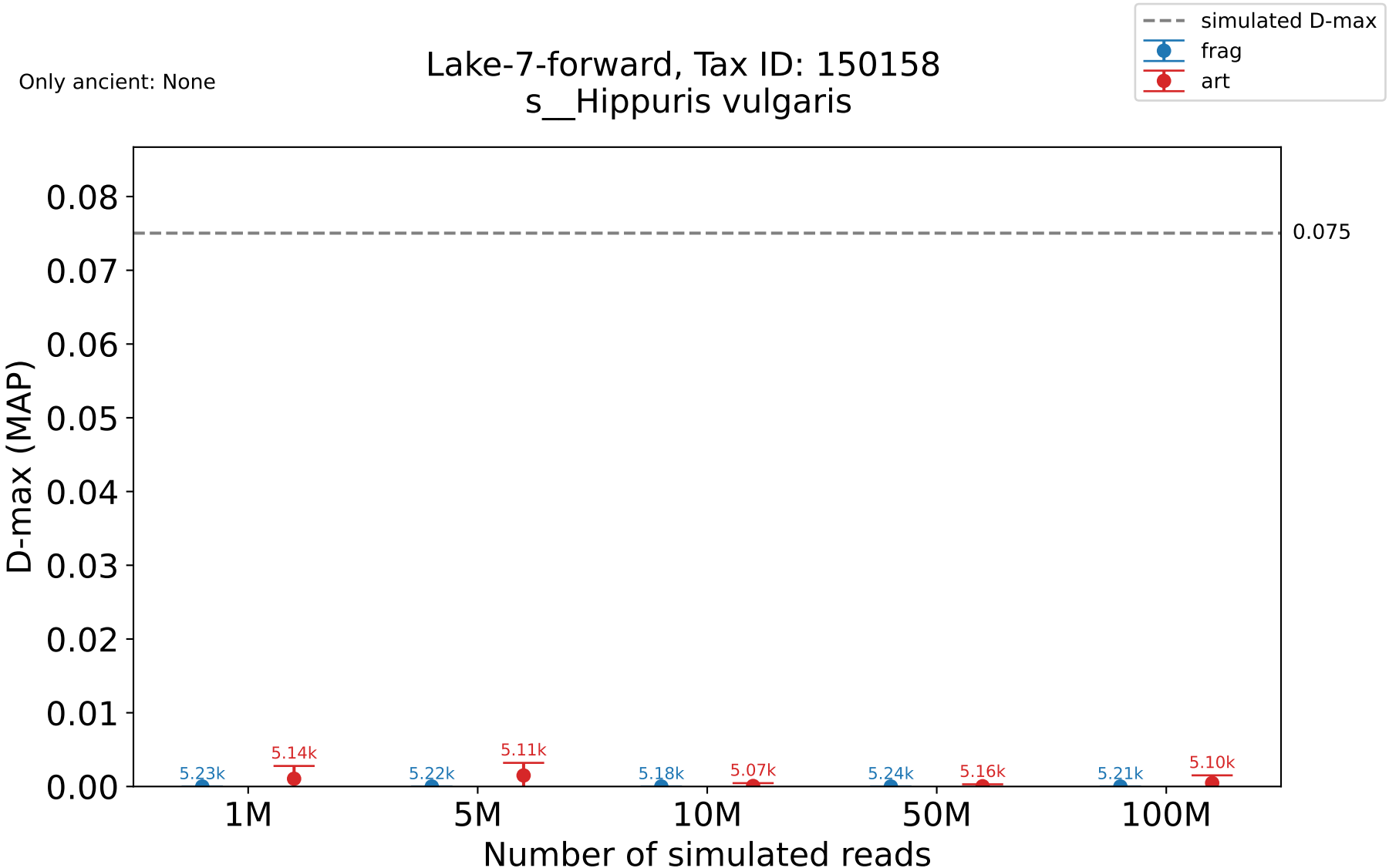
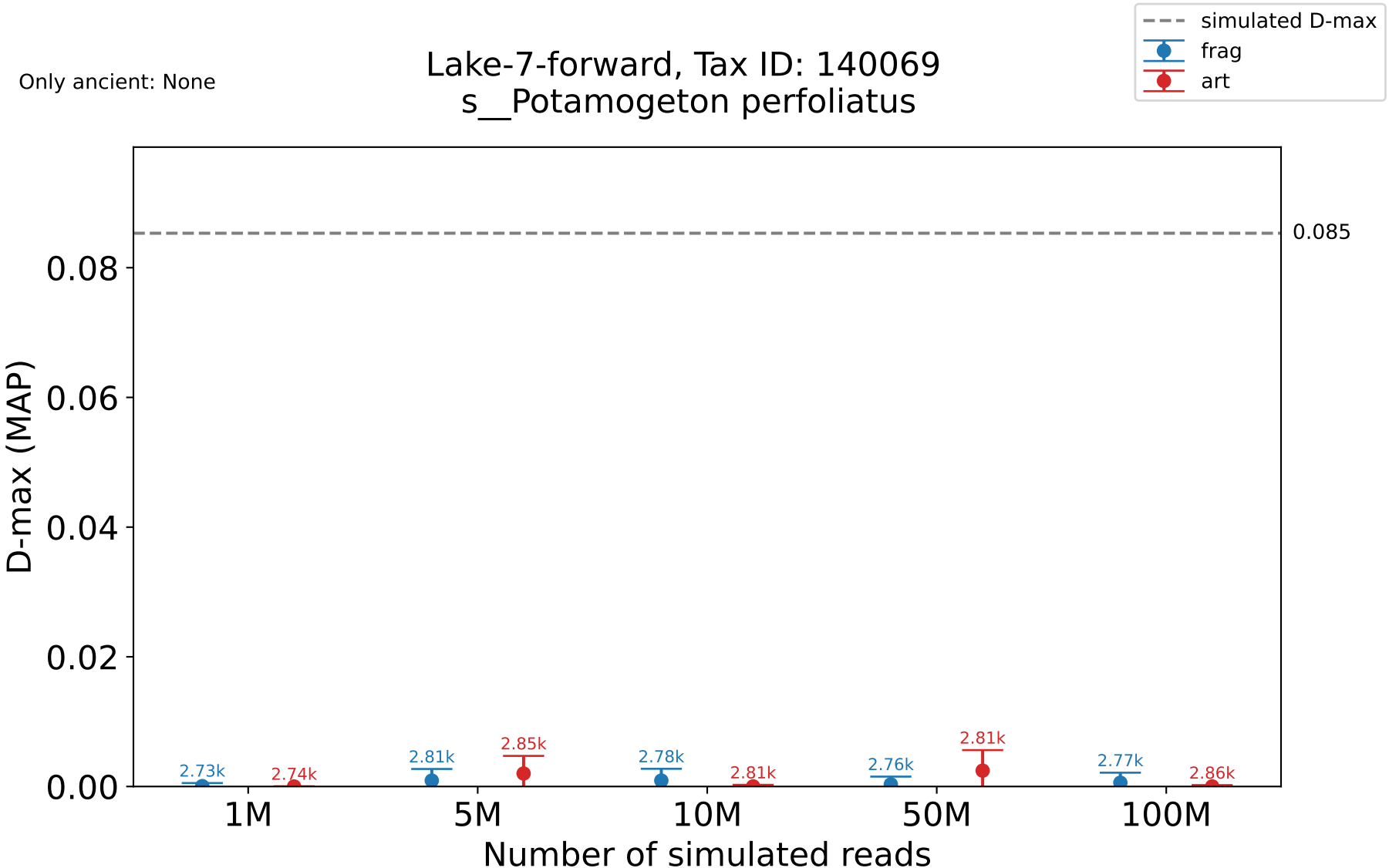
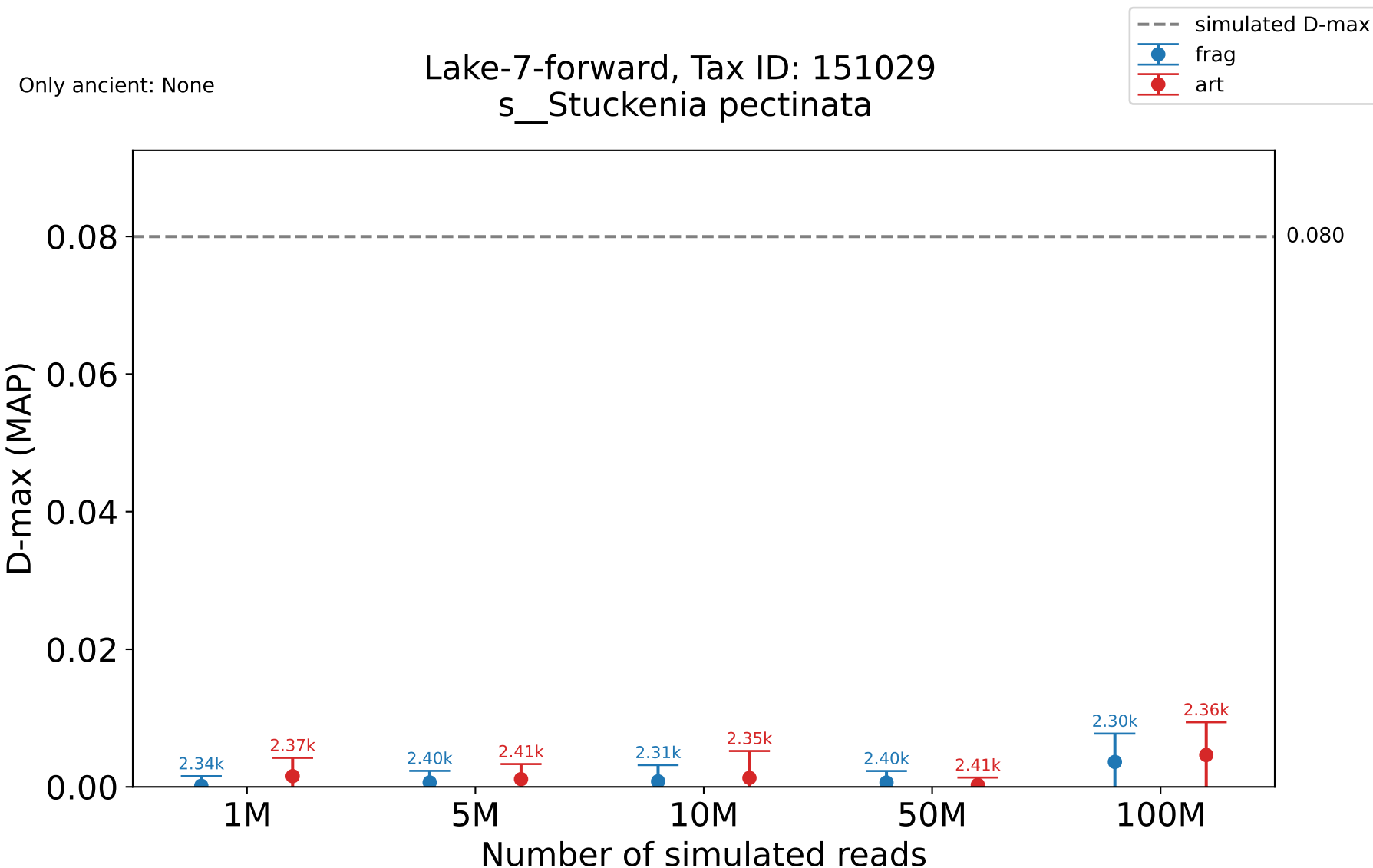
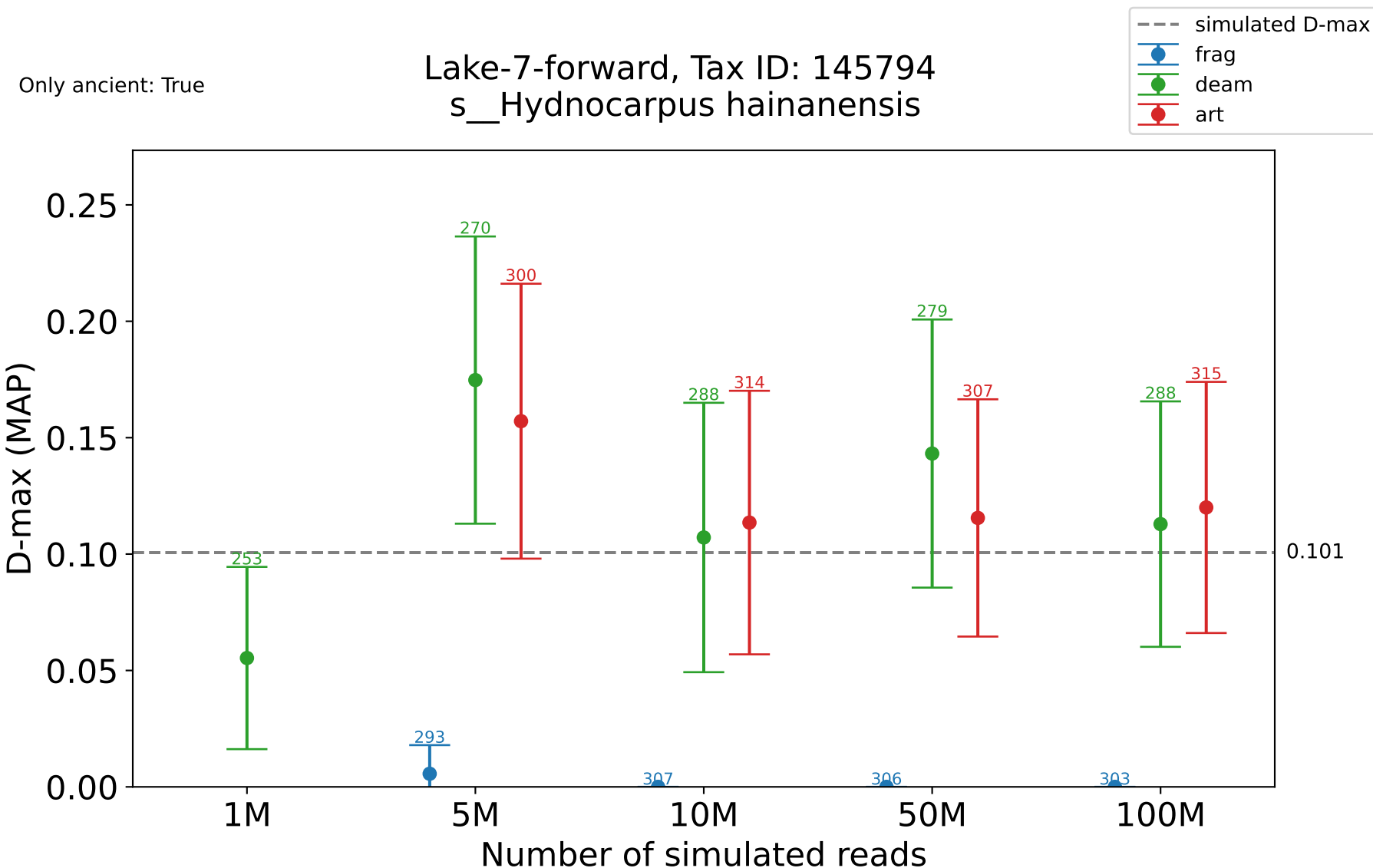
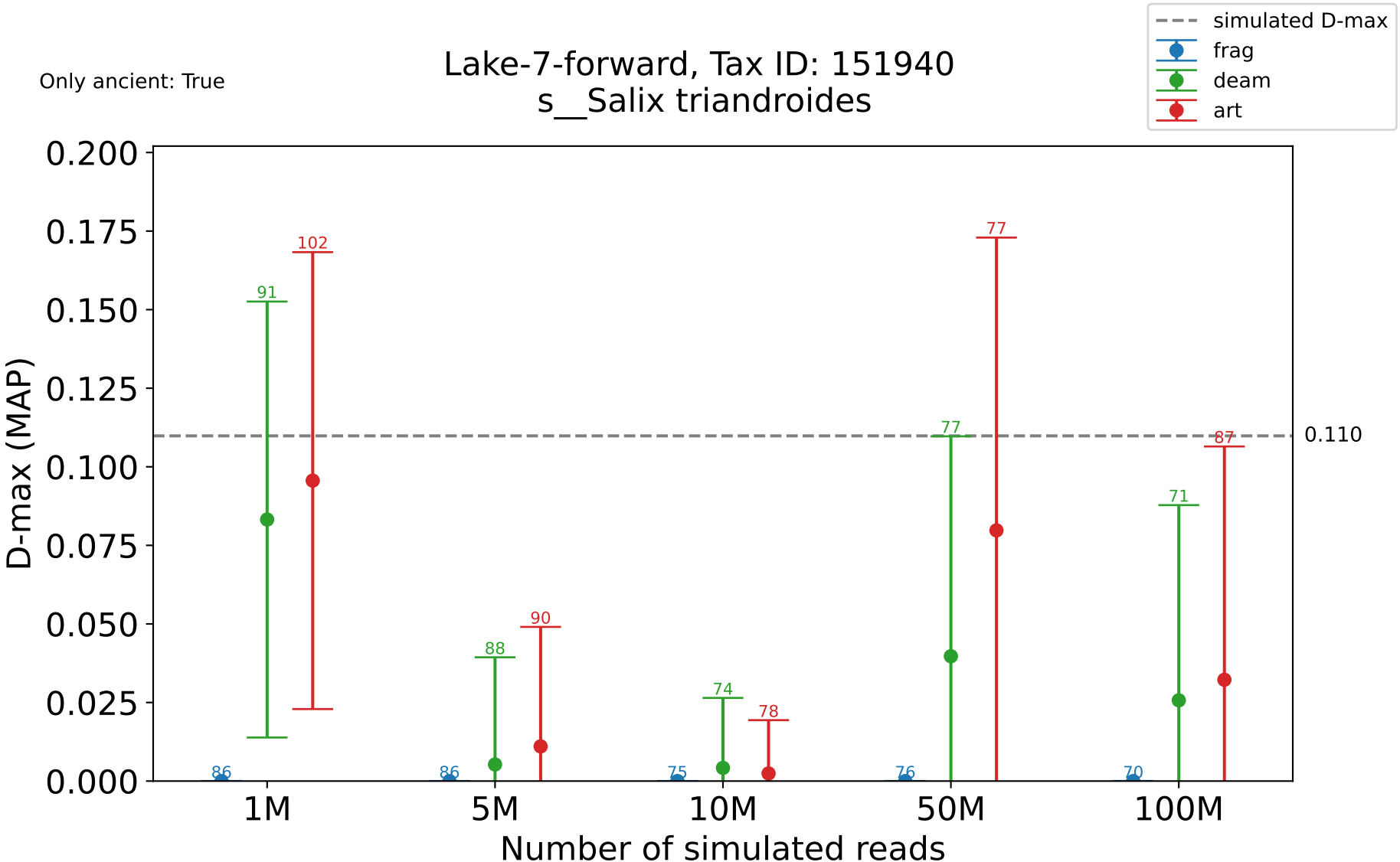

Only ancient: None
Lake-7-forward, Tax ID: 129137
s__Pseudomonas_E fluorescens
simulated D-max
frag
art
0.005
0.004
0.003
0.002
0.001
0.000
D-max (MAP)
0.004
1.78k
1.75k
8.92k
8.87k
11.32k
11.32k
11.36k
11.31k
11.28k
11.27k
1M
5M
10M
50M
100M
Number of simulated reads

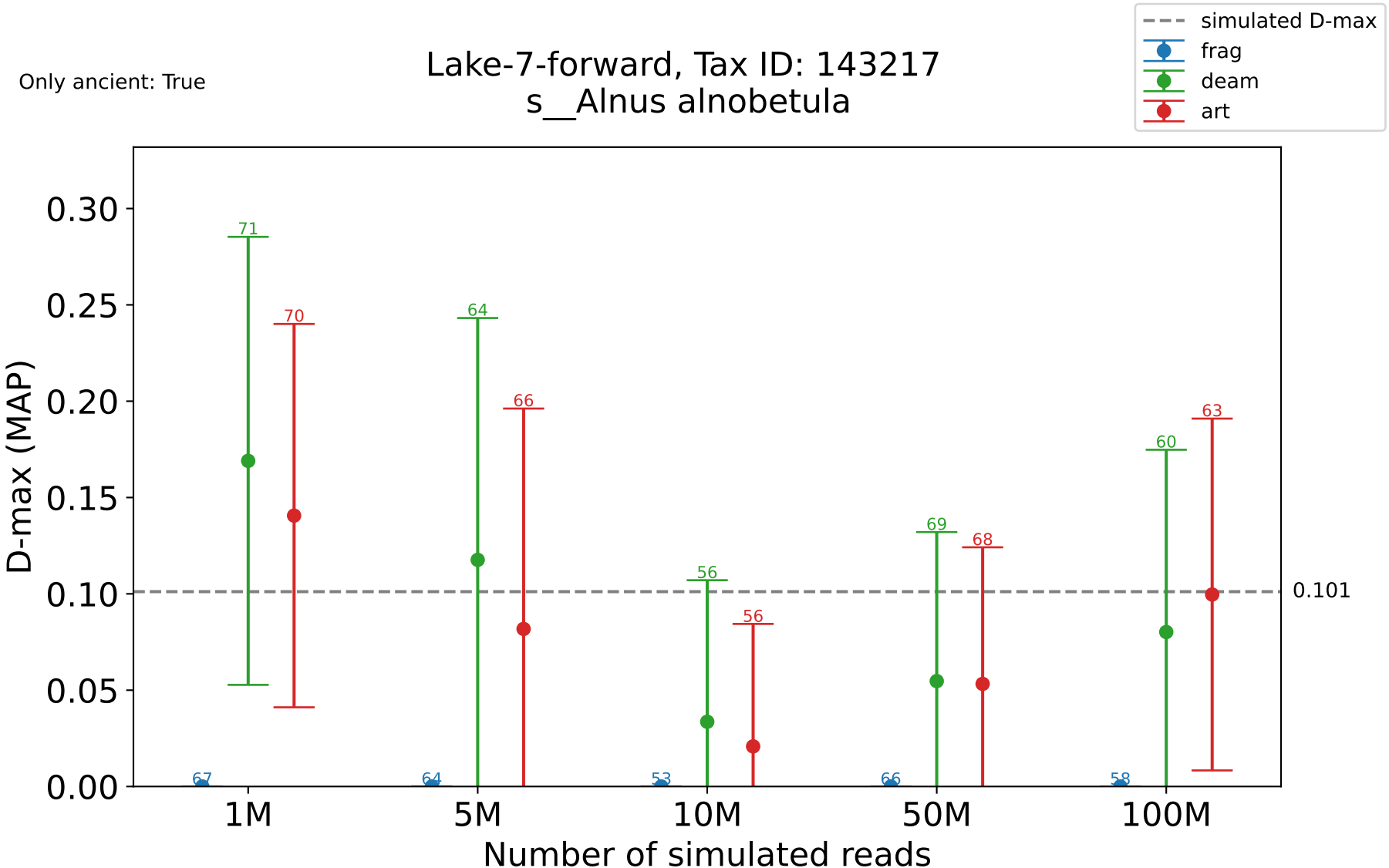

Only ancient: None
Lake-7-forward, Tax ID: 150158
s__Hippuris vulgaris
simulated D-max
frag
art
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.075
5.23k
5.14k
5.22k
5.11k
5.18k
5.07k
5.24k
5.16k
5.21k
5.10k
1M
5M
10M
50M
100M
Number of simulated reads

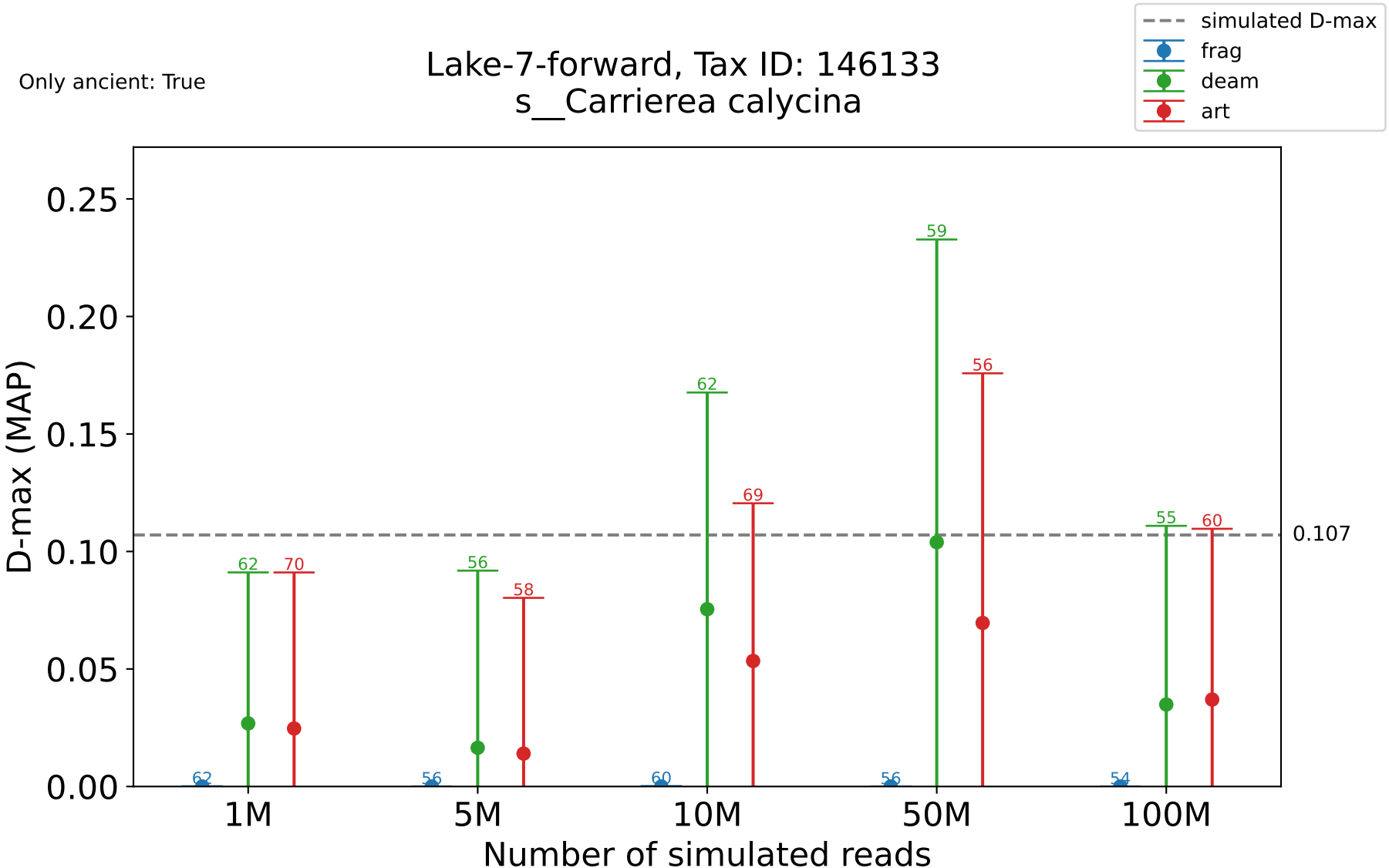

Only ancient: None
Lake-7-forward, Tax ID: 140069
s__Potamogeton perfoliatus
simulated D-max
frag
art
0.085
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
2.73k
2.74k
2.81k
2.85k
2.78k
2.81k
2.76k
2.81k
2.77k
2.86k
1M
5M
10M
50M
100M
Number of simulated reads

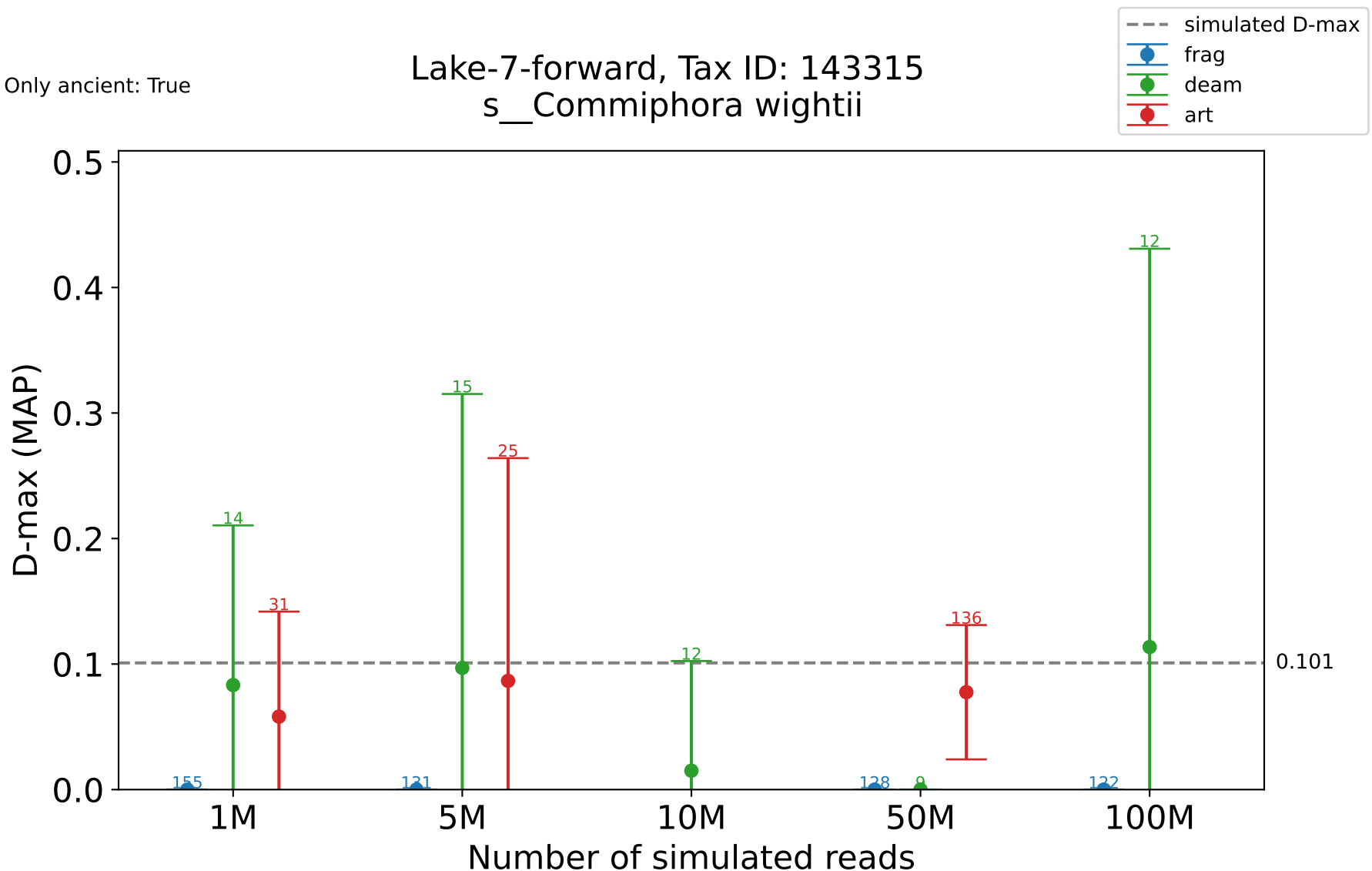

Only ancient: None
Lake-7-forward, Tax ID: 151029
s__Stuckenia pectinata
simulated D-max
frag
art
0.080
D-max (MAP)
0.08
0.06
0.04
0.02
0.00
2.34k
2.37k
2.40k
2.41k
2.31k
2.35k
2.40k
2.41k
2.30k
2.36k
1M
5M
10M
50M
100M
Number of simulated reads

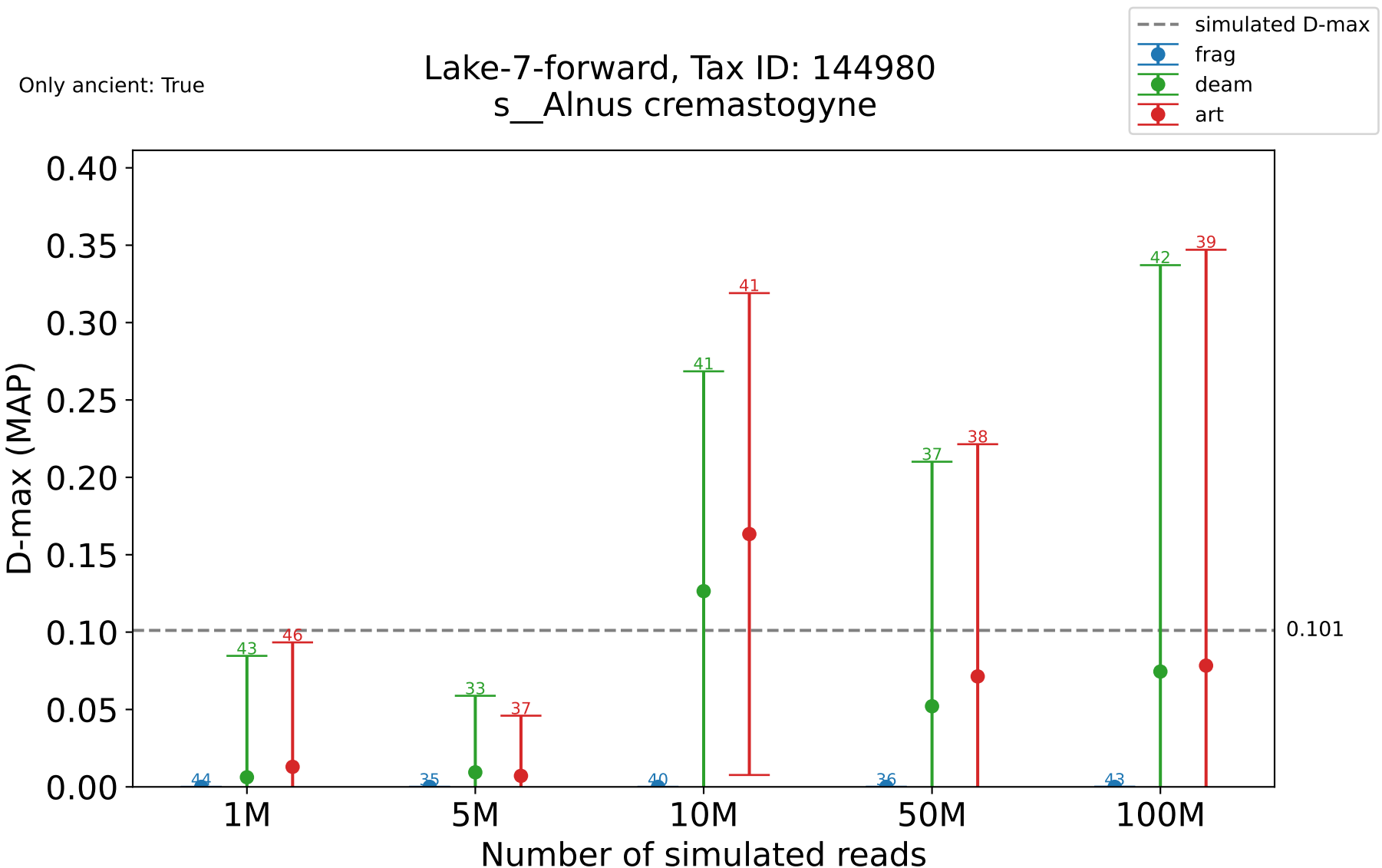

Only ancient: True
Lake-7-forward, Tax ID: 145794
s__Hydnocarpus hainanensis
simulated D-max
frag
deam
art
D-max (MAP)
0.25
0.20
0.15
0.10
0.05
0.00
0.101
253
270
300
293
307
288
314
279
307
306
288
315
303
1M
5M
10M
50M
100M
Number of simulated reads

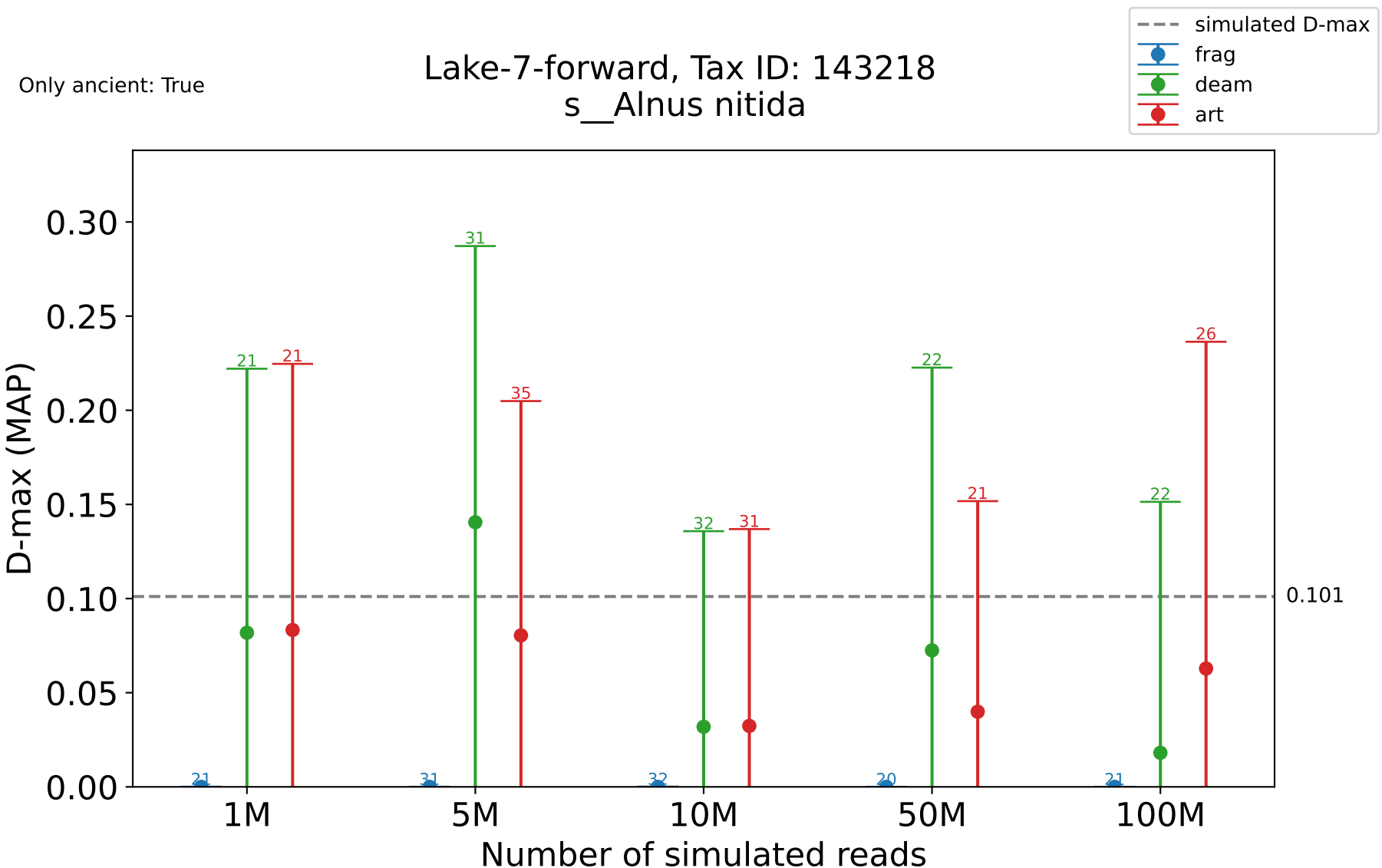

Only ancient: True
Lake-7-forward, Tax ID: 151940
s__Salix triandroides
simulated D-max
frag
deam
art
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
D-max (MAP)
0.110
86
91
102
86
88
90
75
74
78
76
77
77
70
71
87
1M
5M
10M
50M
100M
Number of simulated reads

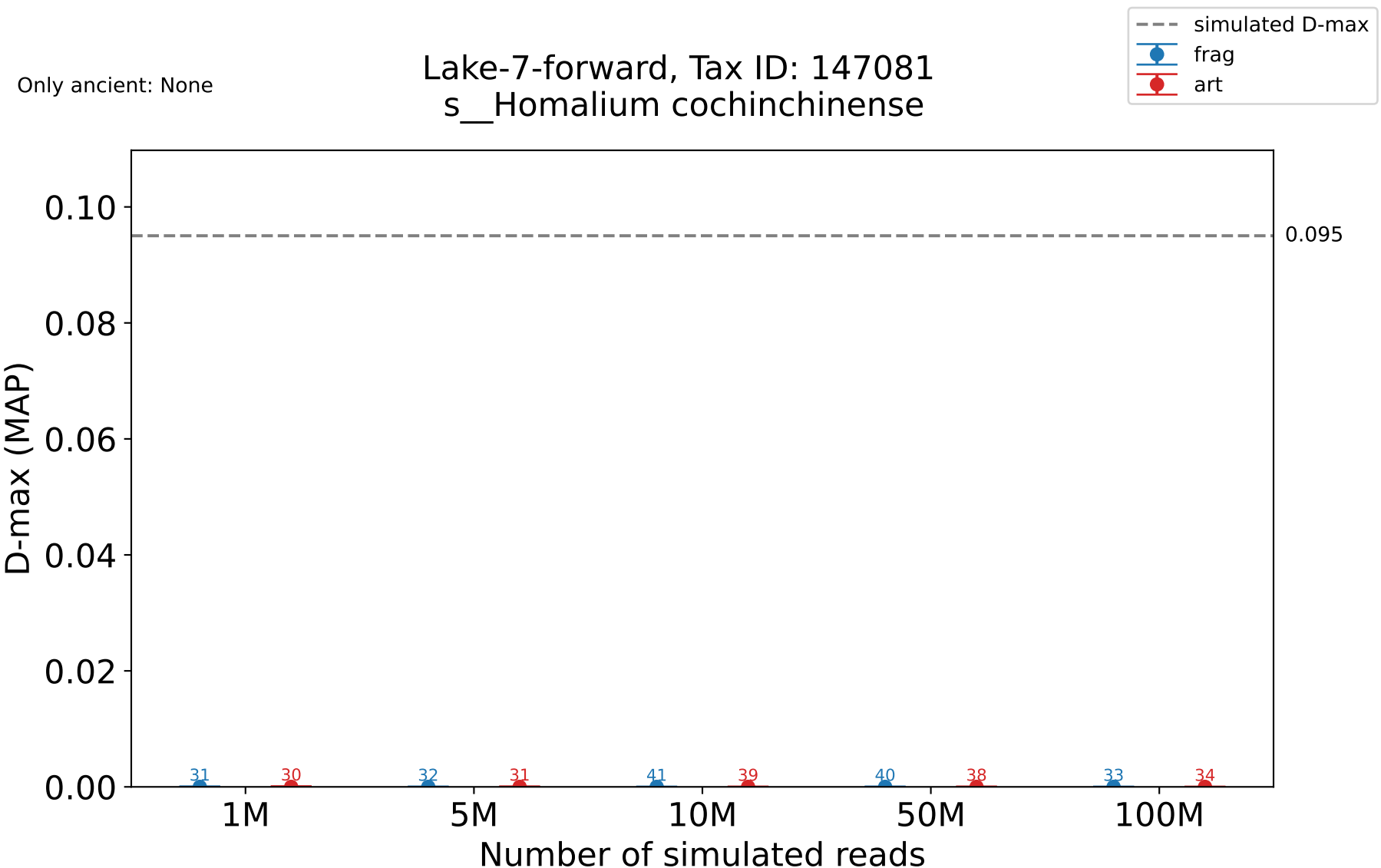

Only ancient: True
Lake-7-forward, Tax ID: 143217
s__Alnus alnobetula
simulated D-max
frag
deam
art
D-max (MAP)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.101
71
70
64
66
56
56
69
68
60
63
67
64
53
66
58
1M
5M
10M
50M
100M
Number of simulated reads

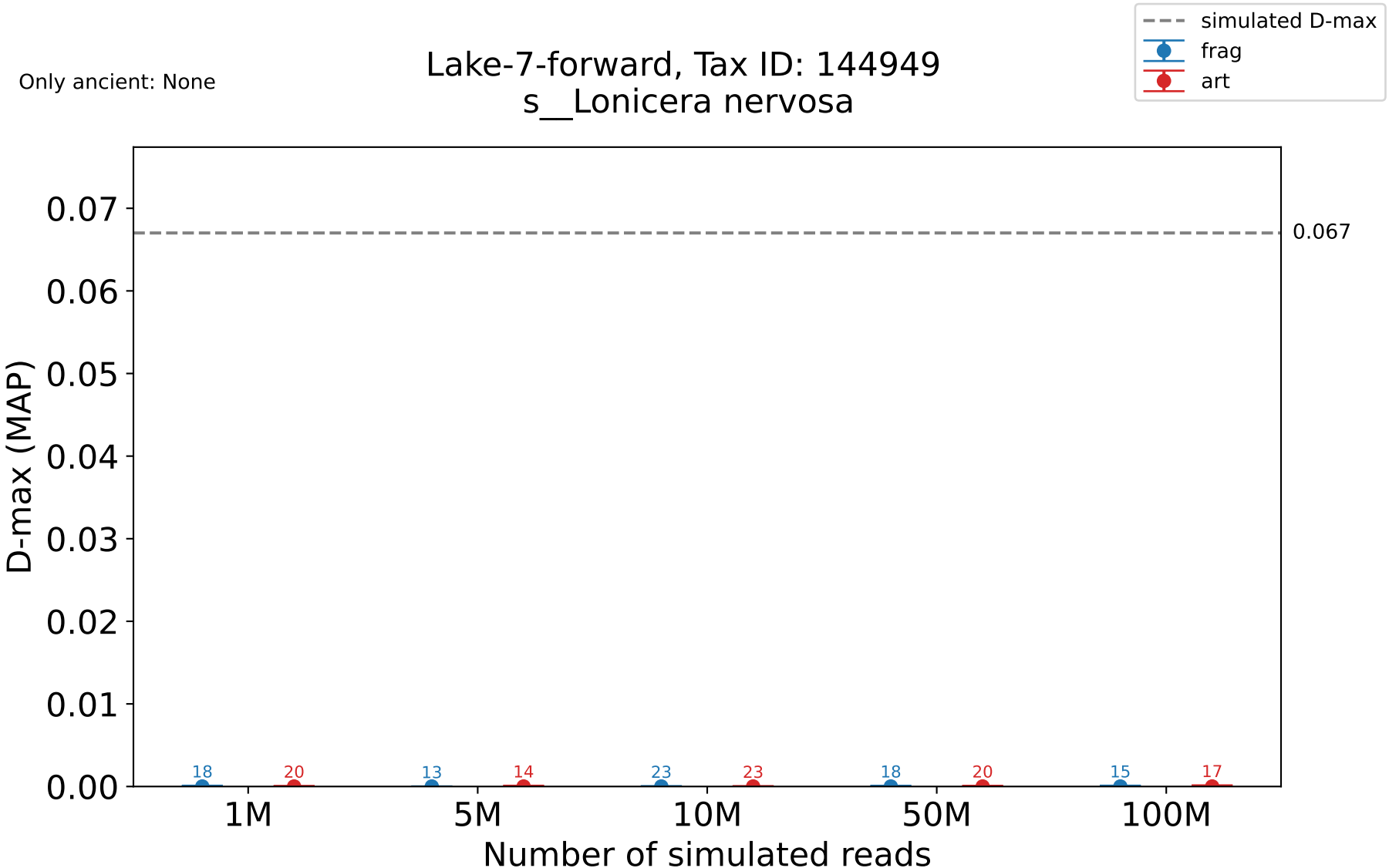

Only ancient: True
Lake-7-forward, Tax ID: 146133
s__Carrierea calycina
simulated D-max
frag
deam
art
D-max (MAP)
0.25
0.20
0.15
0.10
0.05
0.00
0.107
62
62
70
56
56
58
60
62
69
56
59
56
54
55
60
1M
5M
10M
50M
100M
Number of simulated reads

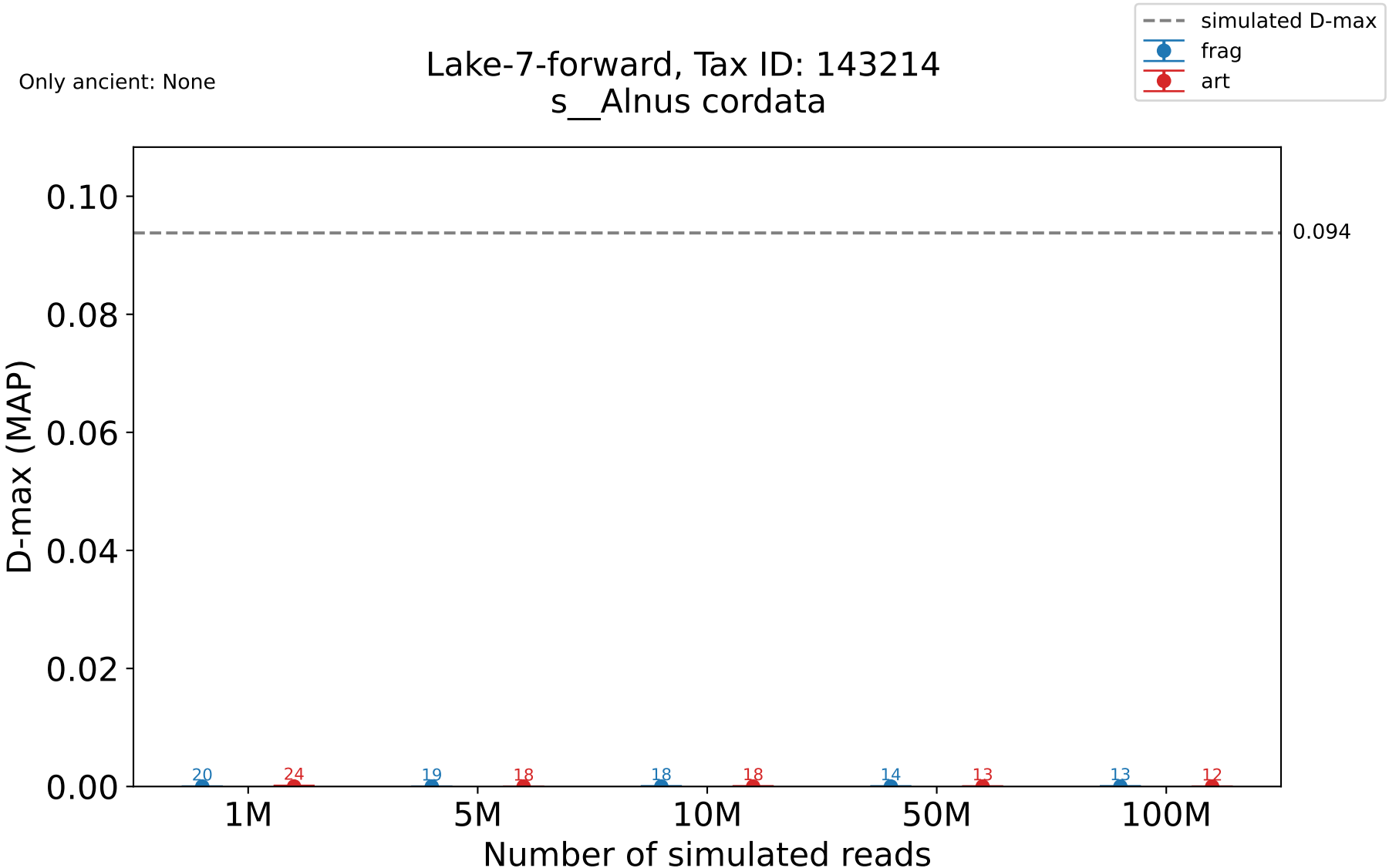

Only ancient: True
Lake-7-forward, Tax ID: 143315
s__Commiphora wightii
simulated D-max
frag
deam
art
D-max (MAP)
0.5
0.4
0.3
0.2
0.1
0.0
0.101
155
14
31
131
15
25
12
12
128
0
136
122
12
1M
5M
10M
50M
100M
Number of simulated reads

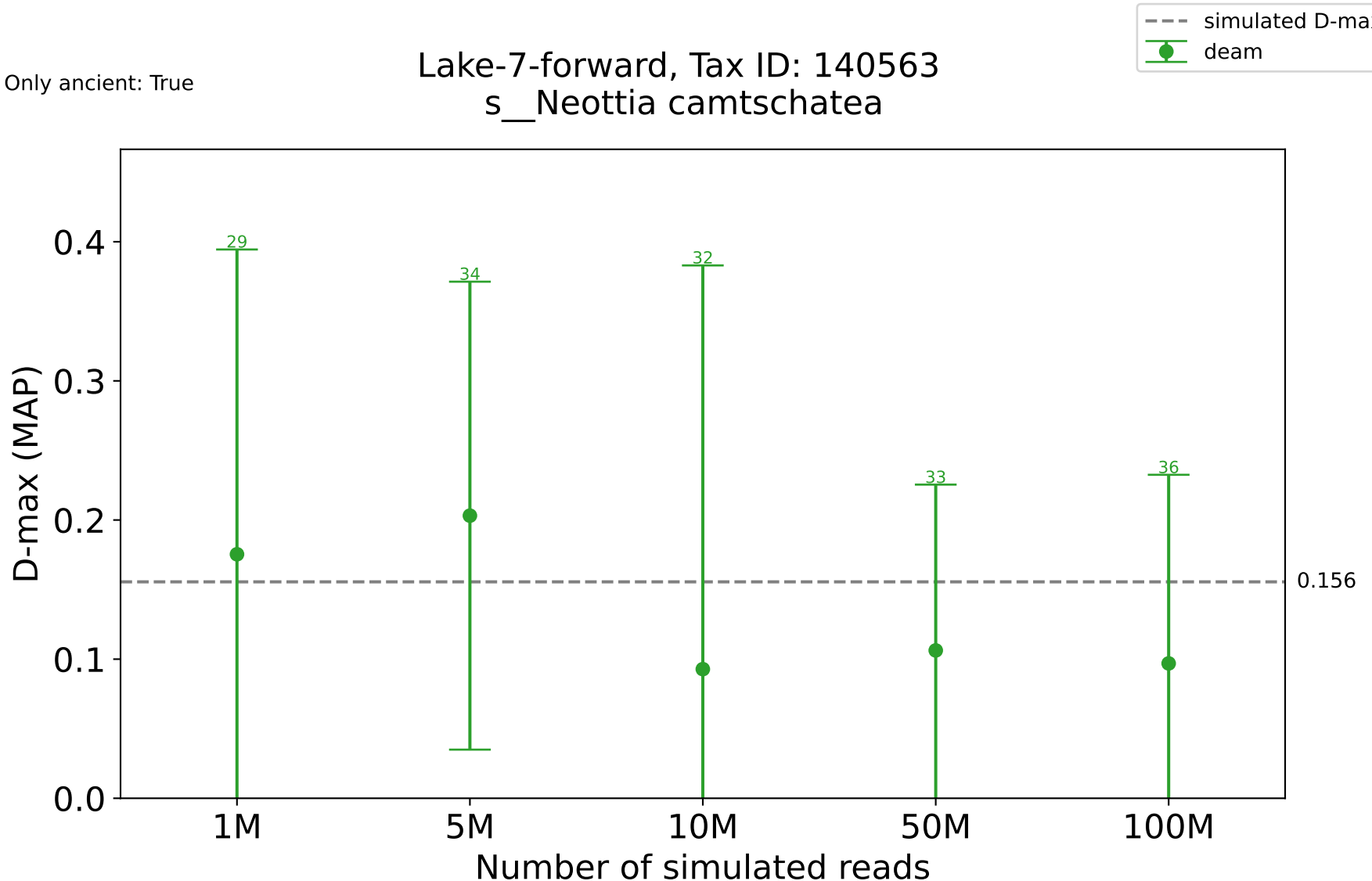

Only ancient: True
Lake-7-forward, Tax ID: 144980
s__Alnus cremastogyne
simulated D-max
frag
deam
art
D-max (MAP)
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.101
1M
5M
10M
50M
100M
Number of simulated reads
44
43
46
35
33
37
40
41
41
36
37
38
43
42
39

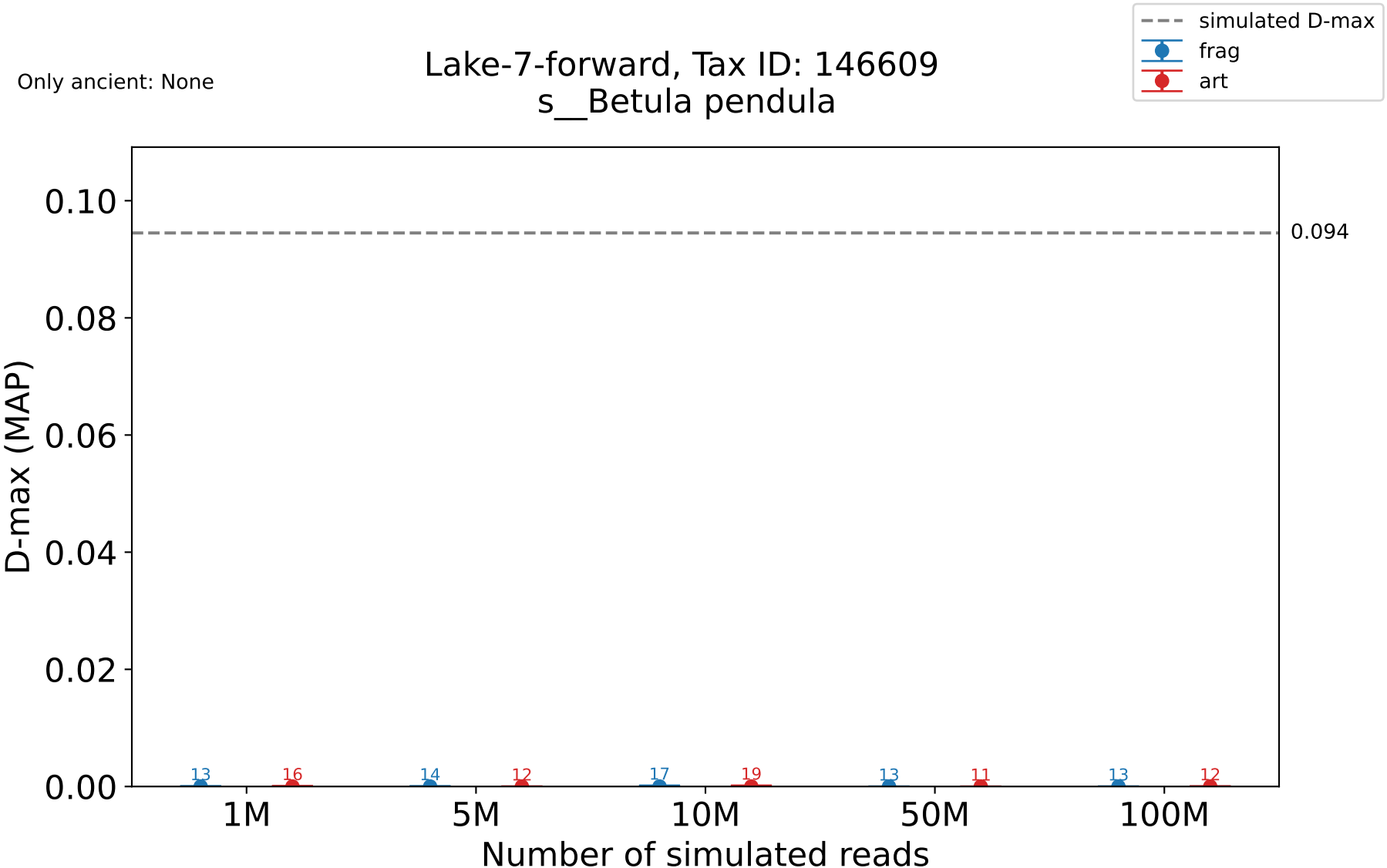

Only ancient: True
Lake-7-forward, Tax ID: 143218
s__Alnus nitida
simulated D-max
frag
deam
art
D-max (MAP)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.101
1M
5M
10M
50M
100M
Number of simulated reads
21
21
21
31
35
31
32
31
20
22
21
21
22
26

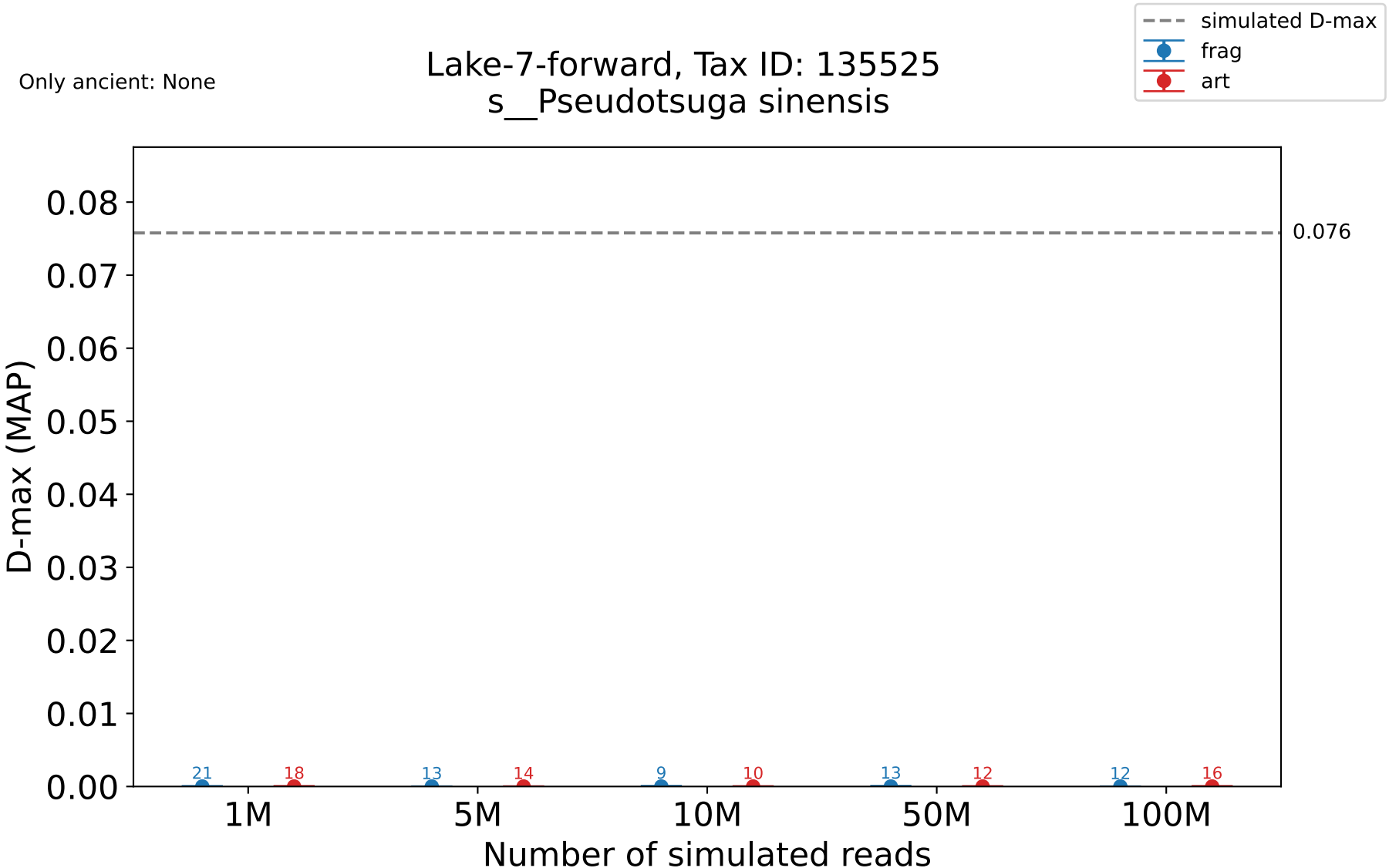

Only ancient: None
Lake-7-forward, Tax ID: 147081
s__Homalium cochinchinense
simulated D-max
frag
art
0.095
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
31
30
32
31
41
39
40
38
33
34
1M
5M
10M
50M
100M
Number of simulated reads

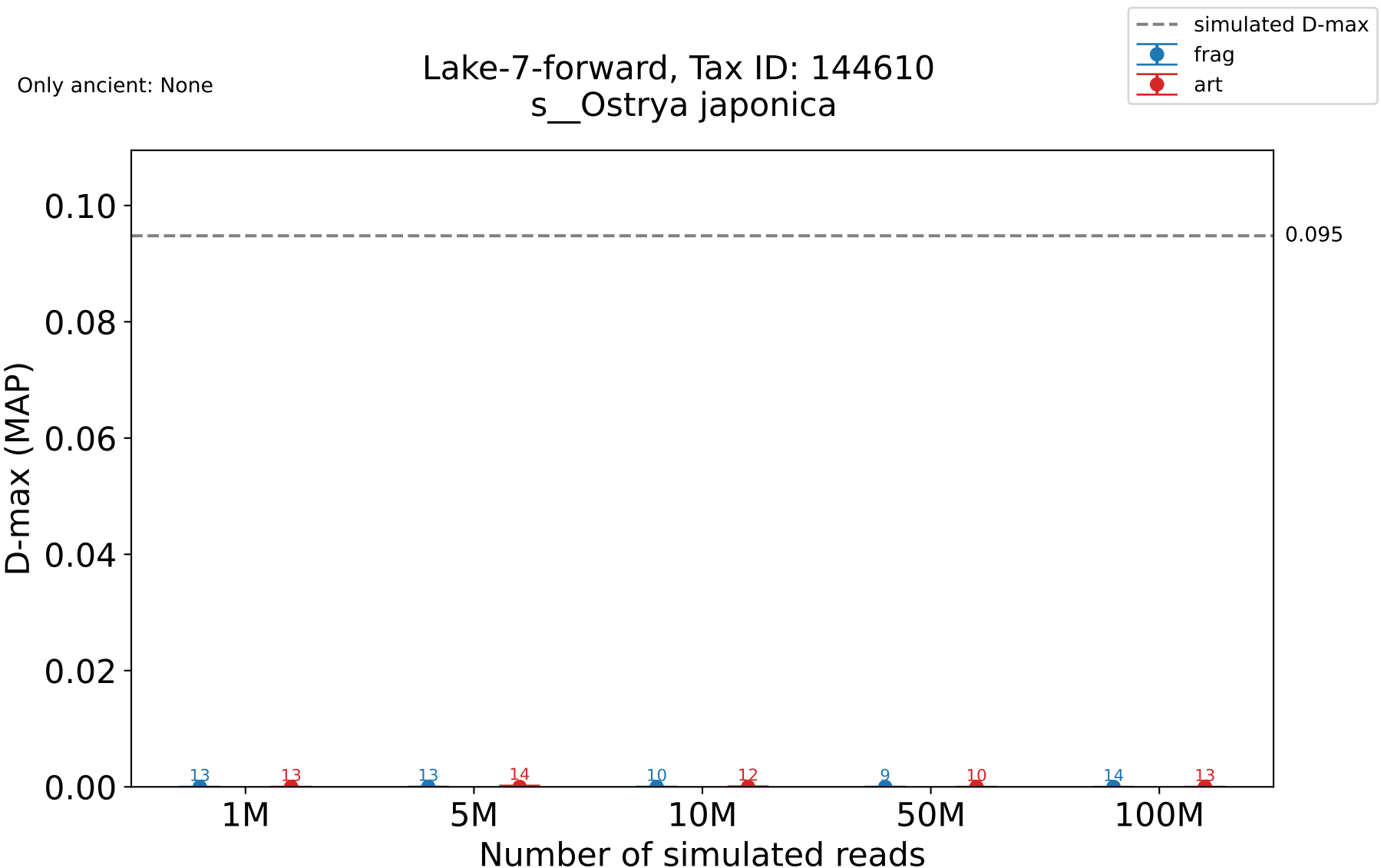

Only ancient: None
Lake-7-forward, Tax ID: 144949
s__Lonicera nervosa
simulated D-max
frag
art
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.067
18
20
13
14
23
23
18
20
15
17
1M
5M
10M
50M
100M
Number of simulated reads

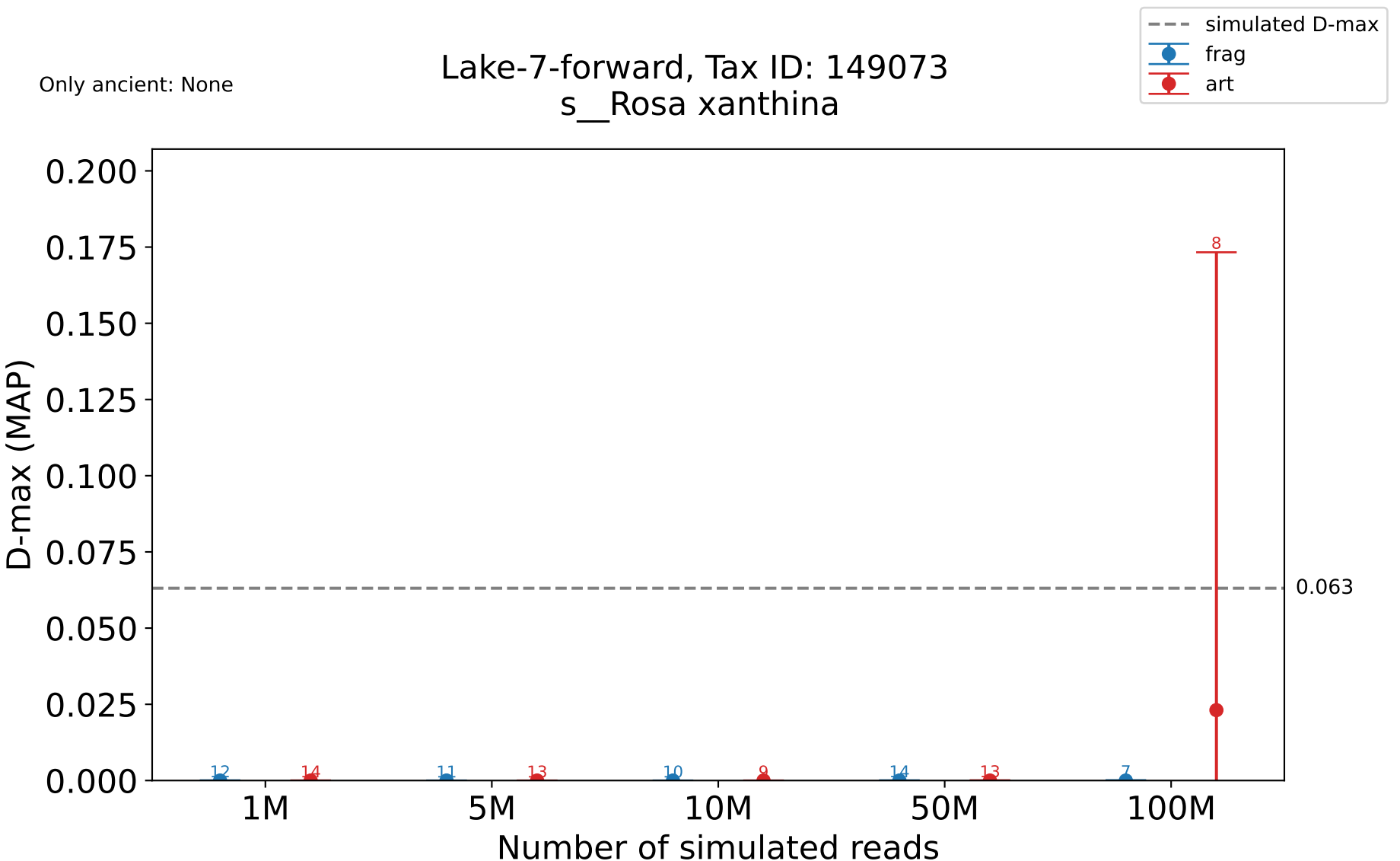

Only ancient: None
Lake-7-forward, Tax ID: 143214
s__Alnus cordata
simulated D-max
frag
art
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
0.094
20
24
19
18
18
18
14
13
13
12
1M
5M
10M
50M
100M
Number of simulated reads

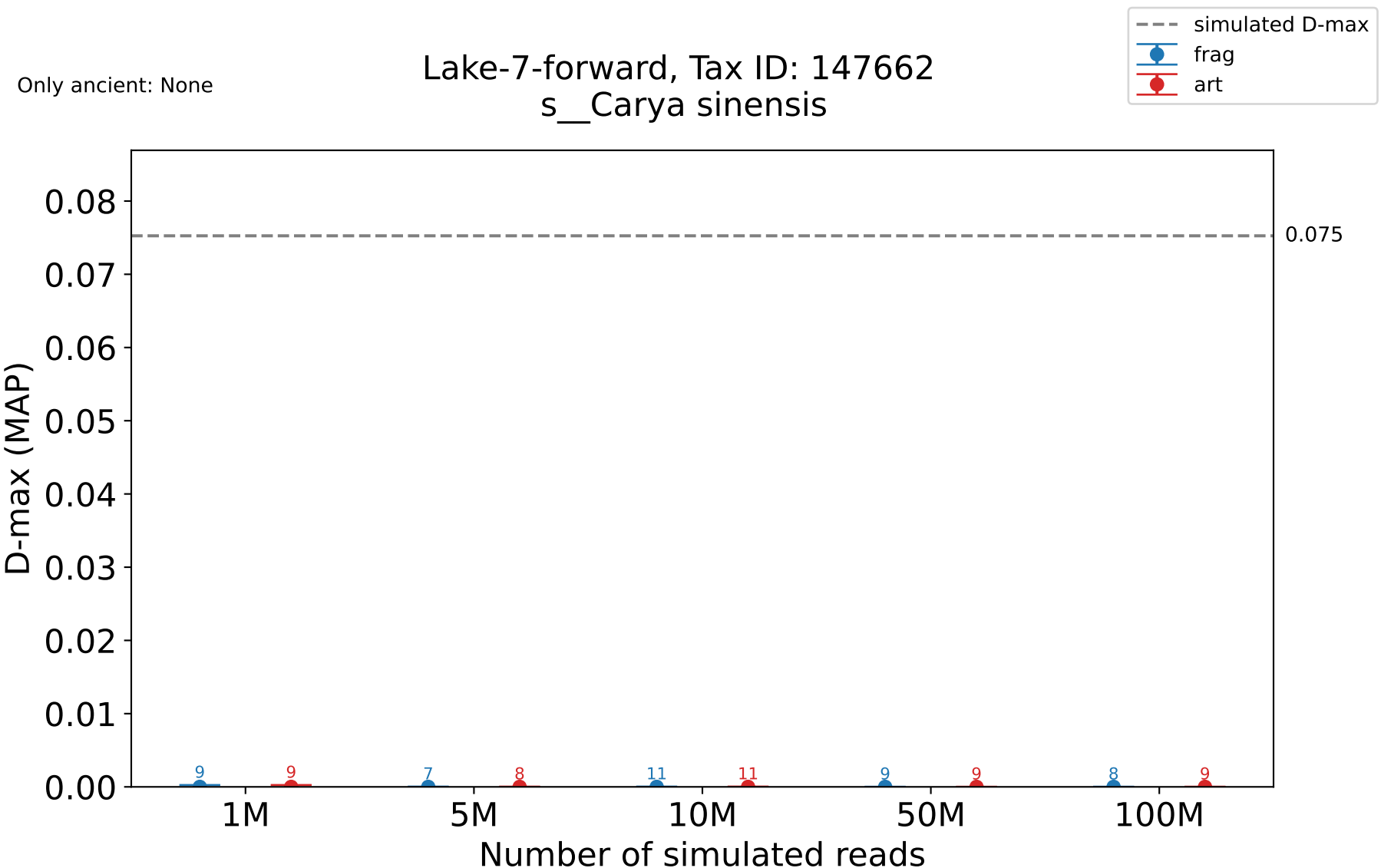

simulated D-max
deam
Only ancient: True
Lake-7-forward, Tax ID: 140563
s__Neottia camtschatea
D-max (MAP)
0.4
0.3
0.2
0.1
0.0
29
34
32
33
36
0.156
1M
5M
10M
50M
100M
Number of simulated reads

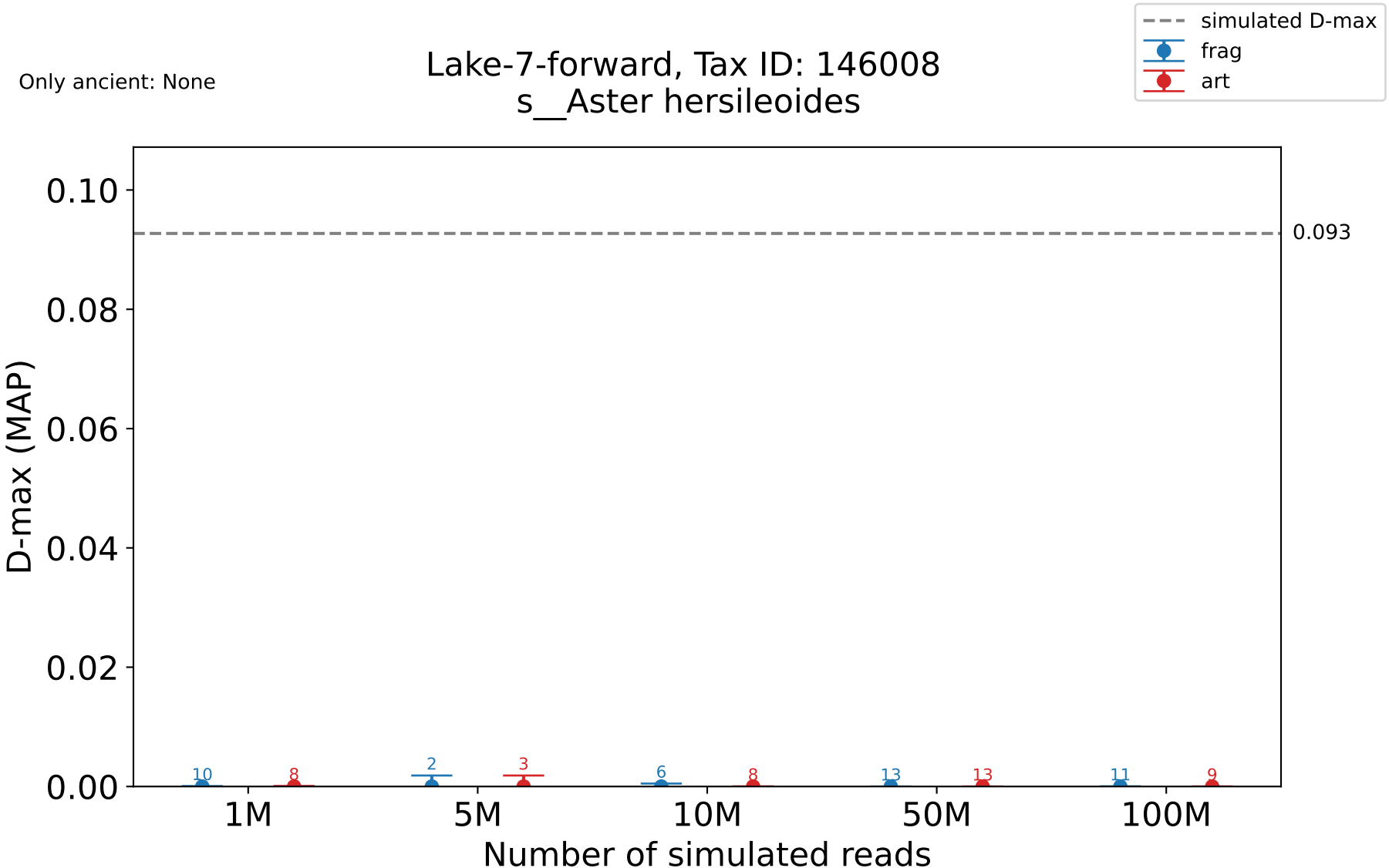

Only ancient: None
Lake-7-forward, Tax ID: 146609
s__Betula pendula
simulated D-max
frag
art
0.094
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
13
16
14
12
17
19
13
11
13
12
1M
5M
10M
50M
100M
Number of simulated reads

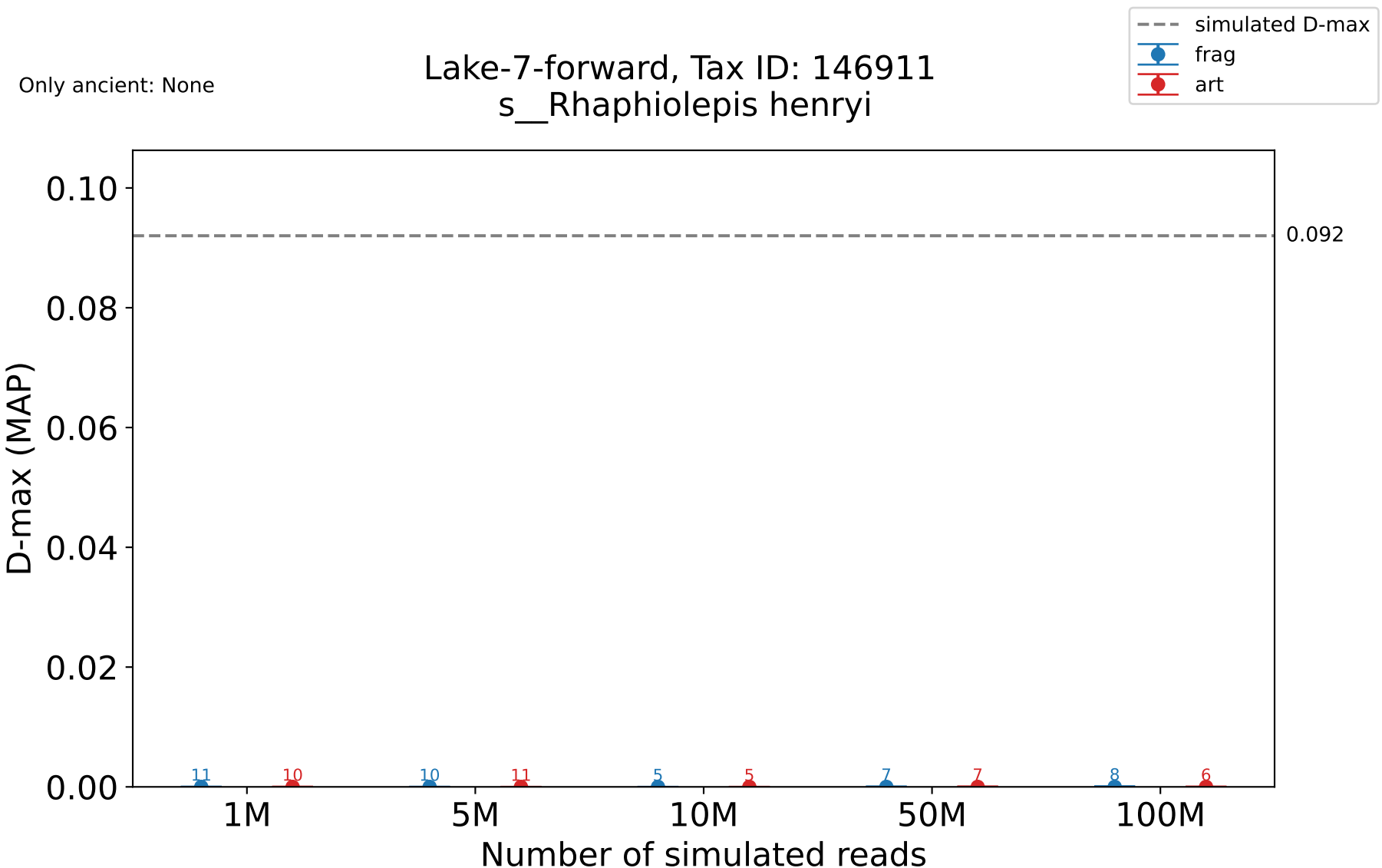

Only ancient: None
Lake-7-forward, Tax ID: 135525
s__Pseudotsuga sinensis
simulated D-max
frag
art
0.076
D-max (MAP)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
21
18
13
14
9
10
13
12
12
16
1M
5M
10M
50M
100M
Number of simulated reads

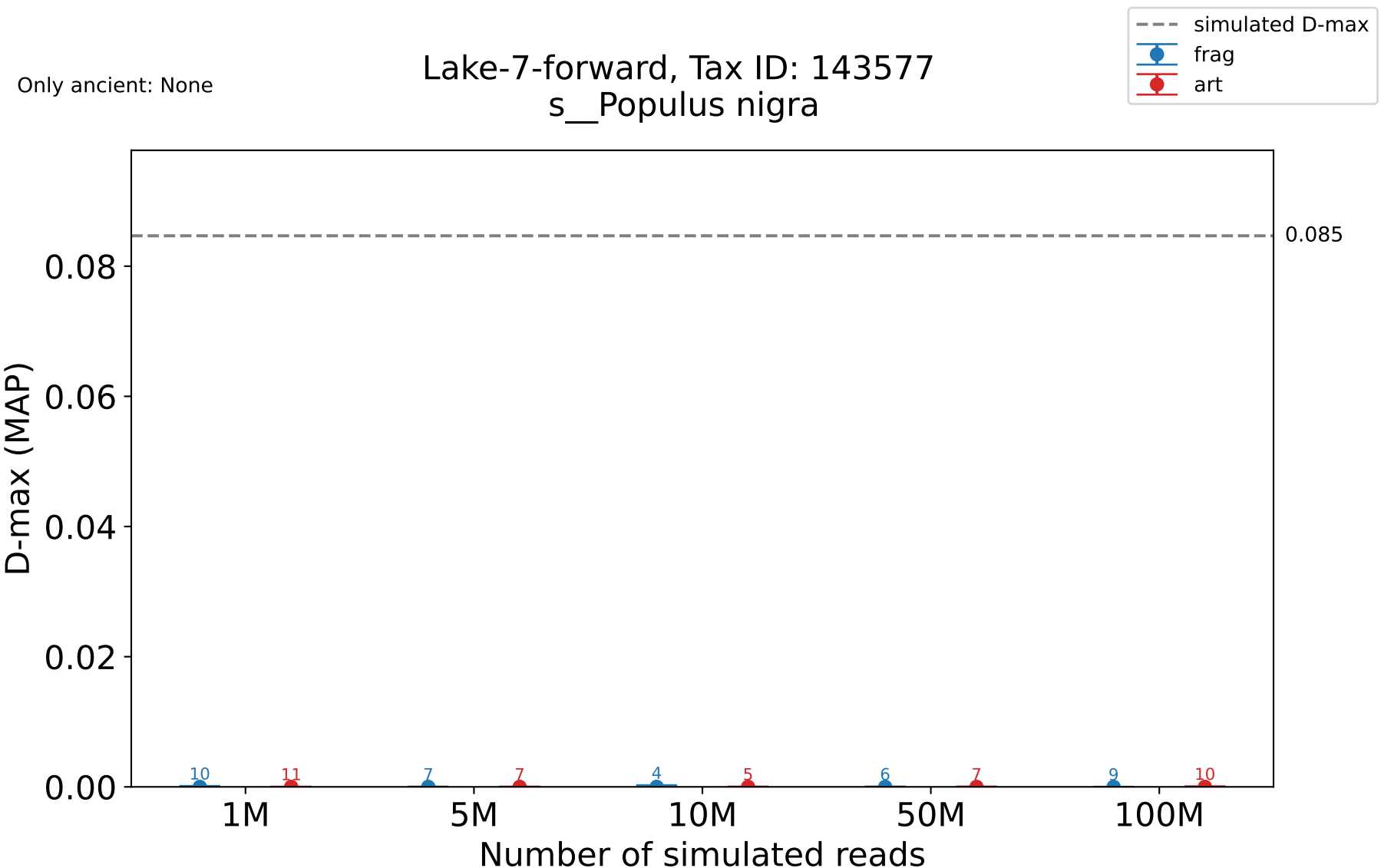

Only ancient: None
Lake-7-forward, Tax ID: 144610
s__Ostrya japonica
simulated D-max
frag
art
0.095
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
13
13
13
14
10
12
9
10
14
13
1M
5M
10M
50M
100M
Number of simulated reads

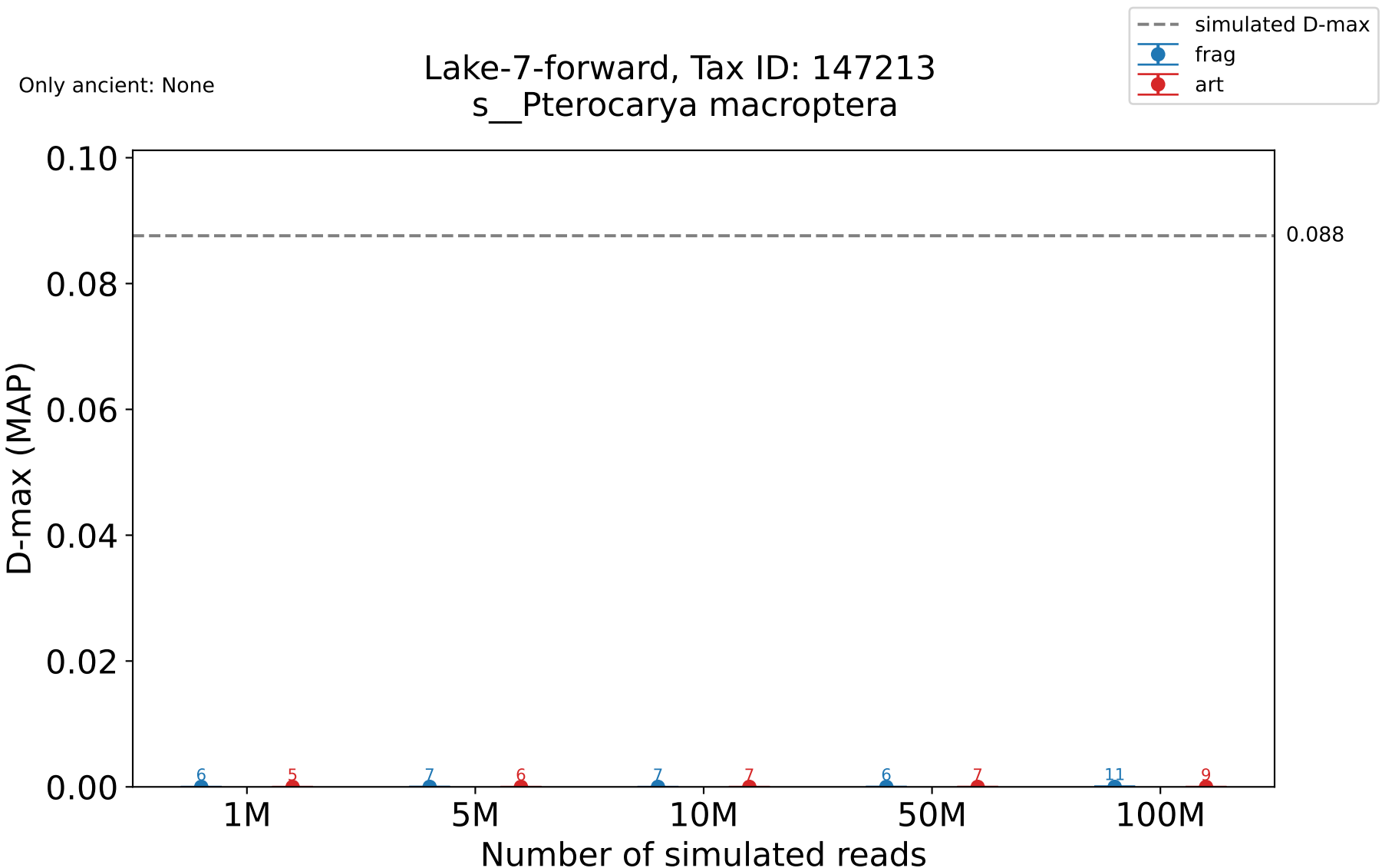

simulated D-max
frag
art
Only ancient: None
Lake-7-forward, Tax ID: 149073
s__Rosa xanthina
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
D-max (MAP)
0.063
8
12
14
11
13
10
9
14
13
7
1M
5M
10M
50M
100M
Number of simulated reads

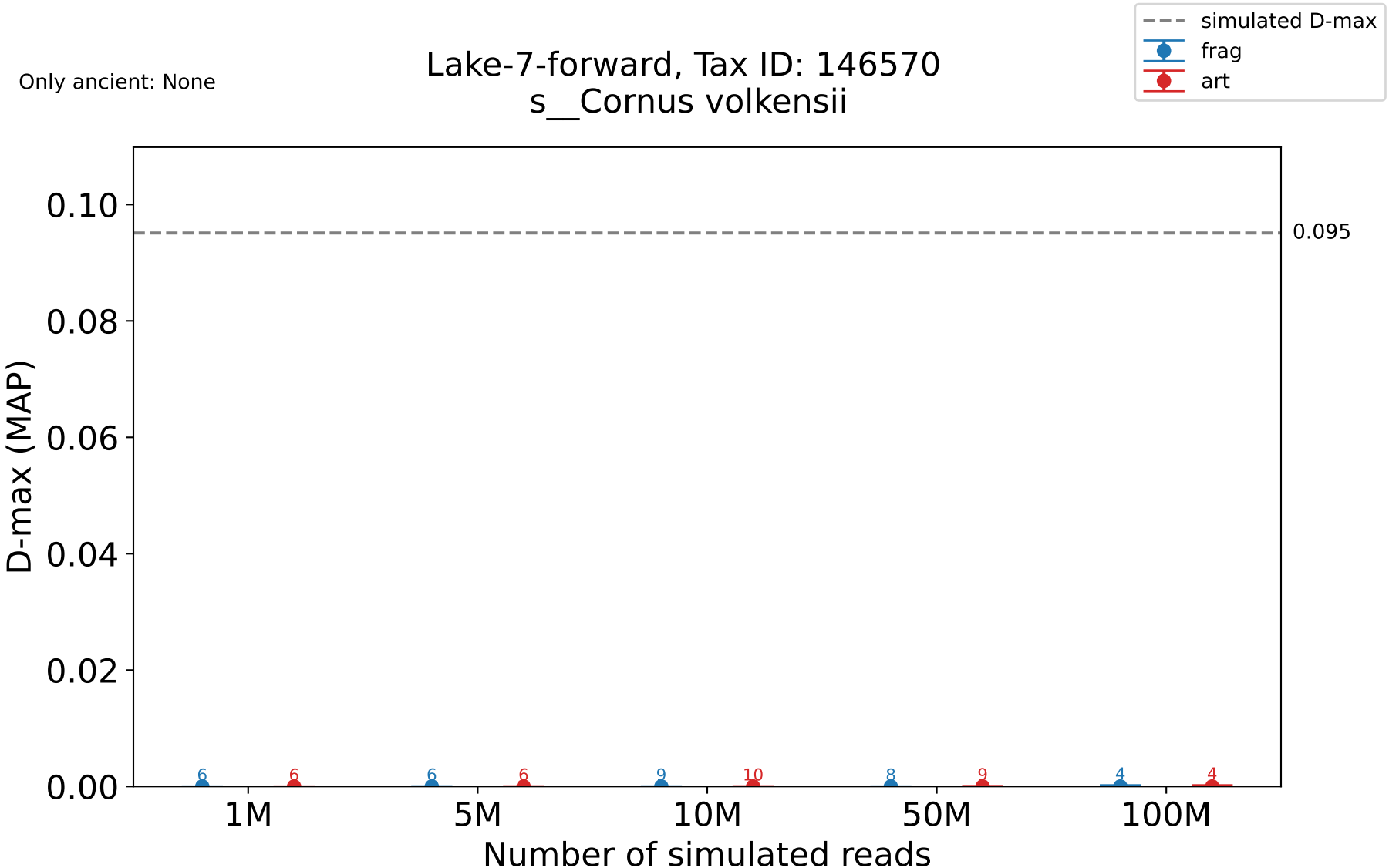

Only ancient: None
Lake-7-forward, Tax ID: 147662
s__Carya sinensis
simulated D-max
frag
art
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.075
9
9
7
8
11
11
9
9
8
9
1M
5M
10M
50M
100M
Number of simulated reads

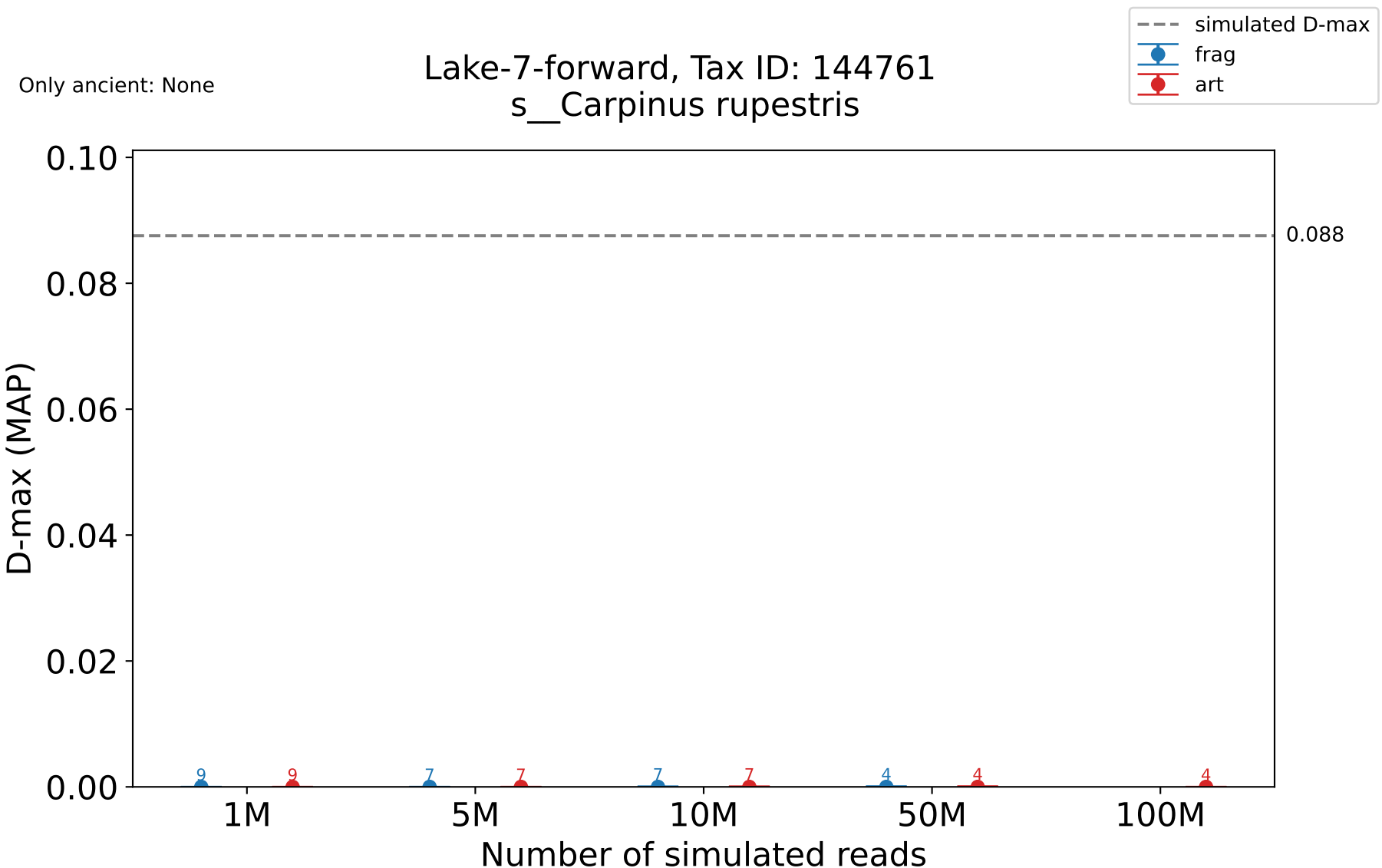

Only ancient: None
Lake-7-forward, Tax ID: 146008
s__Aster hersileoides
simulated D-max
frag
art
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
0.093
10
8
2
3
6
8
13
13
11
9
1M
5M
10M
50M
100M
Number of simulated reads

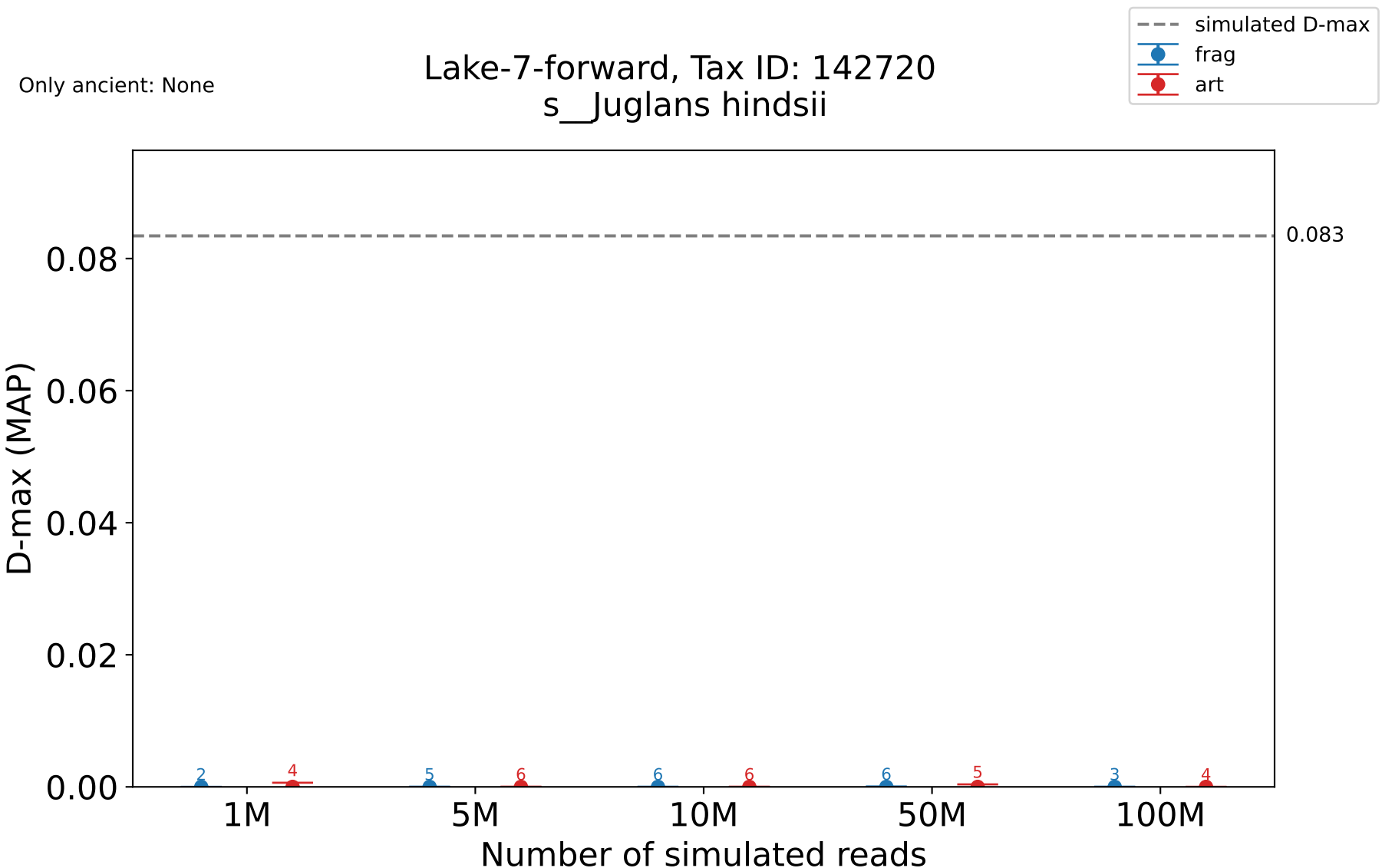

Only ancient: None
Lake-7-forward, Tax ID: 146911
s__Rhaphiolepis henryi
simulated D-max
frag
art
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
0.092
11
10
10
11
5
5
7
7
8
6
1M
5M
10M
50M
100M
Number of simulated reads

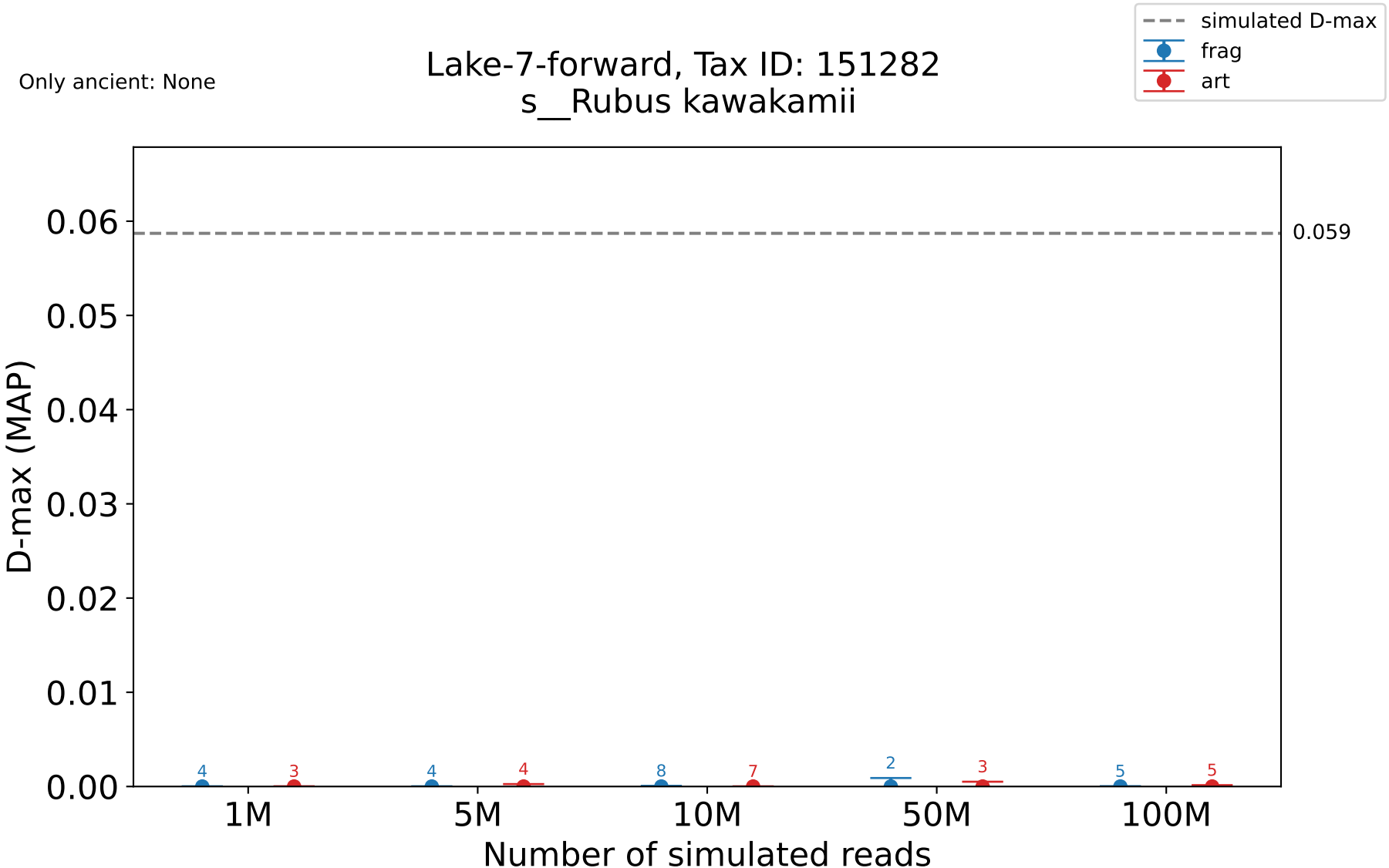

Only ancient: None
Lake-7-forward, Tax ID: 143577
s__Populus nigra
simulated D-max
frag
art
0.085
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
10
11
7
7
4
5
6
7
9
10
1M
5M
10M
50M
100M
Number of simulated reads

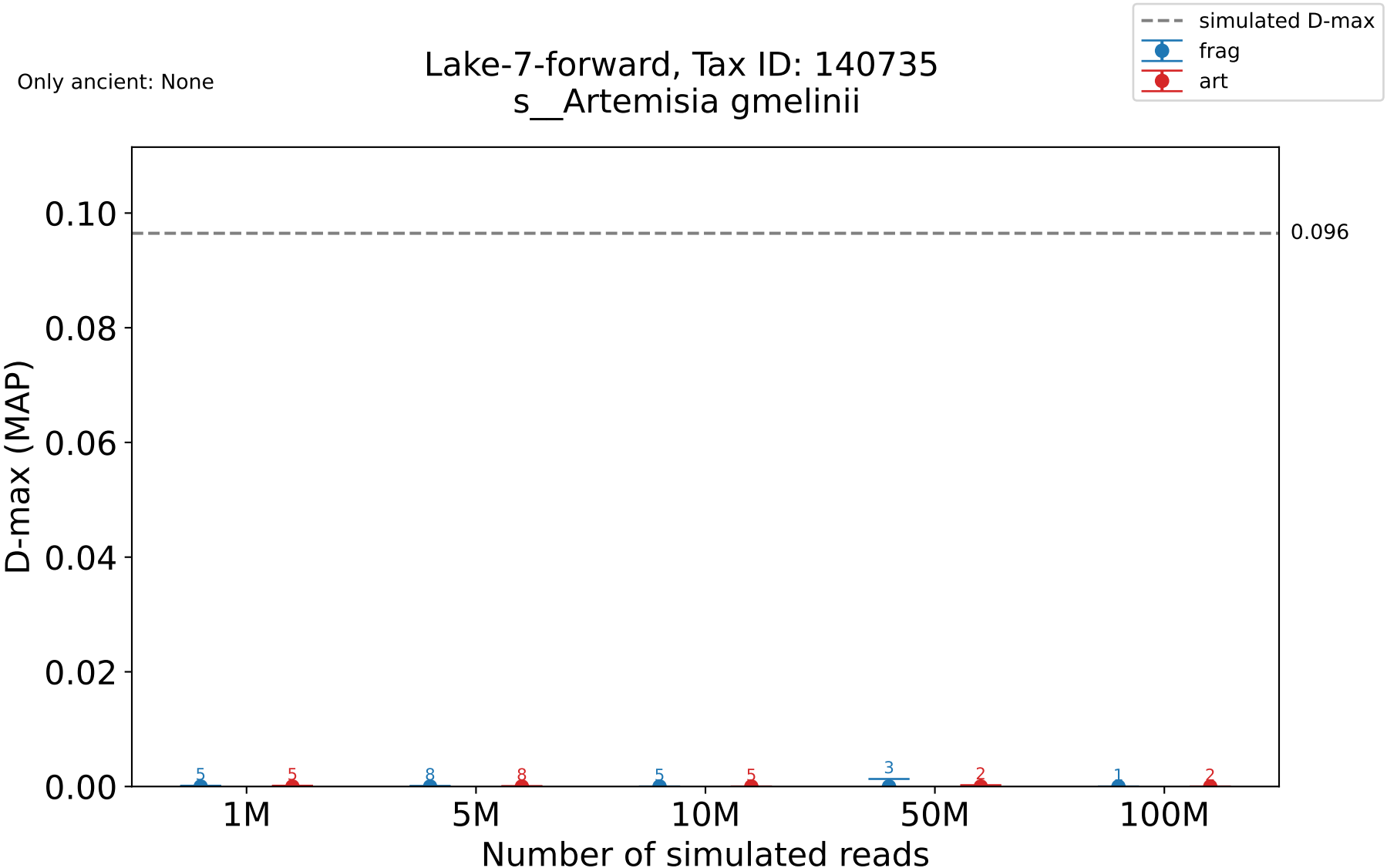

Only ancient: None
Lake-7-forward, Tax ID: 147213
s__Pterocarya macroptera
simulated D-max
frag
art
0.088
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
6
5
7
6
7
7
6
7
11
9
1M
5M
10M
50M
100M
Number of simulated reads

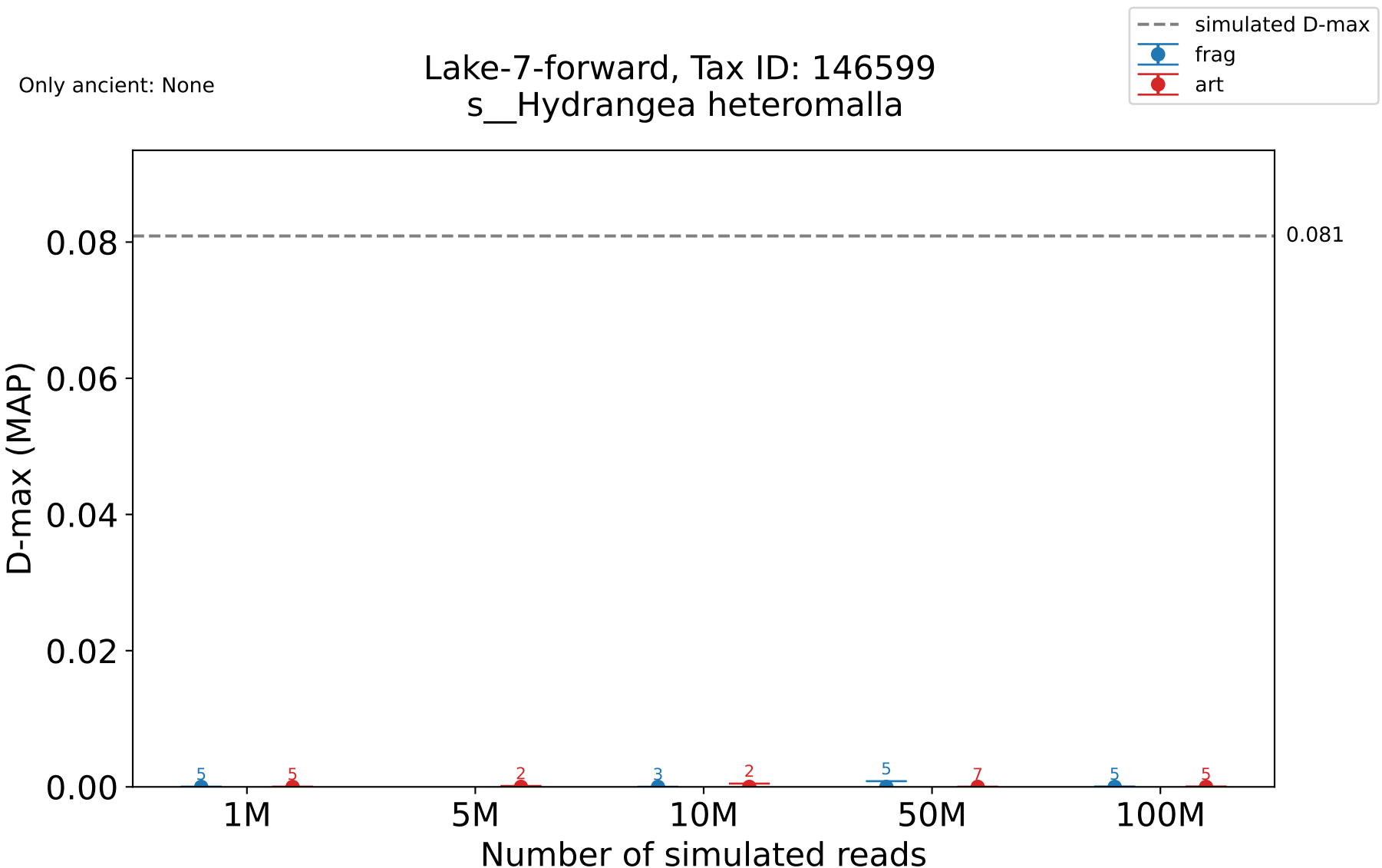

Only ancient: None
Lake-7-forward, Tax ID: 146570
s__Cornus volkensii
simulated D-max
frag
art
0.095
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
6
6
6
6
9
10
8
9
4
4
1M
5M
10M
50M
100M
Number of simulated reads

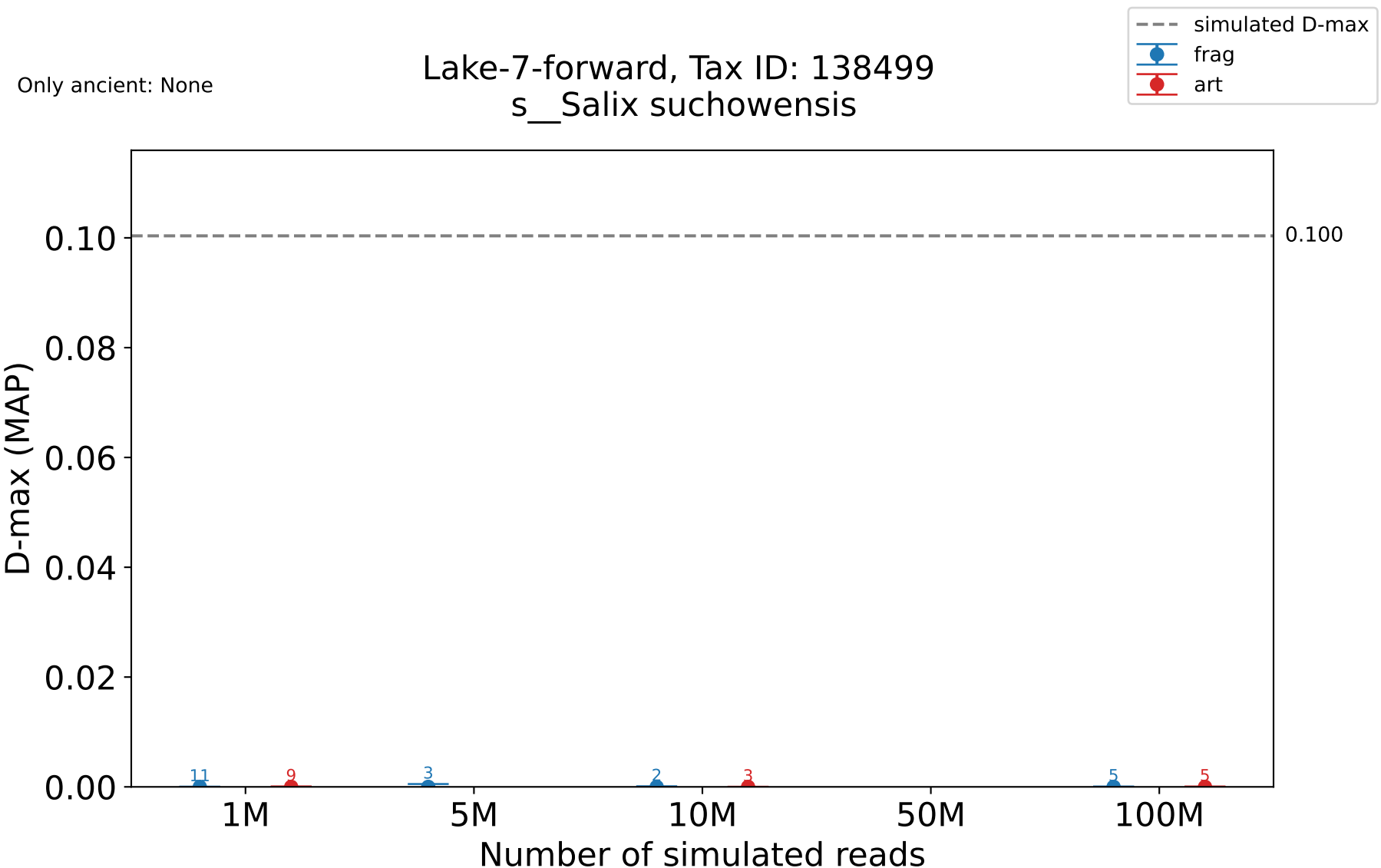

Only ancient: None
Lake-7-forward, Tax ID: 144761
s__Carpinus rupestris
simulated D-max
frag
art
0.088
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
9
9
7
7
7
7
4
4
4
1M
5M
10M
50M
100M
Number of simulated reads

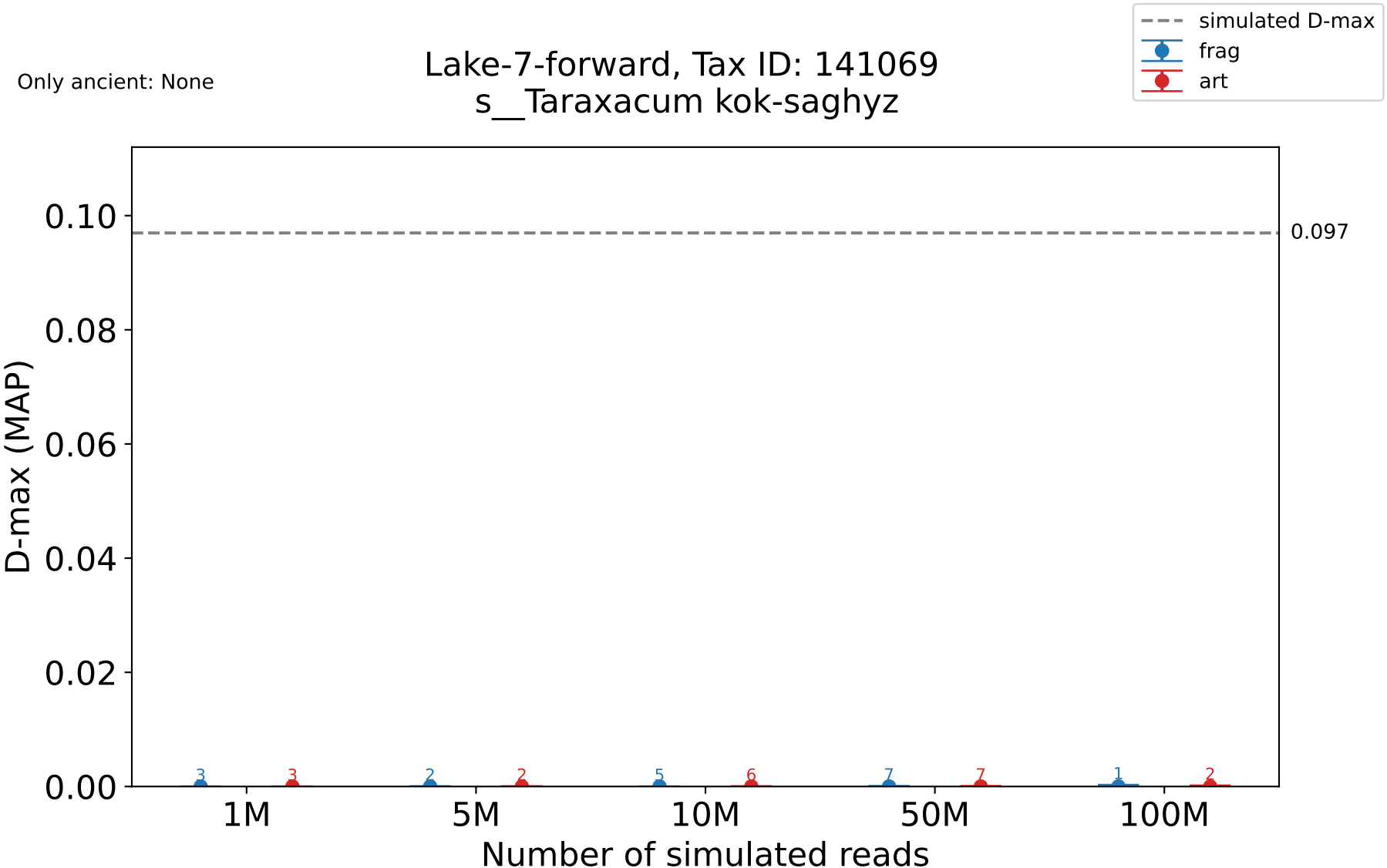

Only ancient: None
Lake-7-forward, Tax ID: 142720
s__Juglans hindsii
simulated D-max
frag
art
0.083
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
2
4
5
6
6
6
6
5
3
4
1M
5M
10M
50M
100M
Number of simulated reads

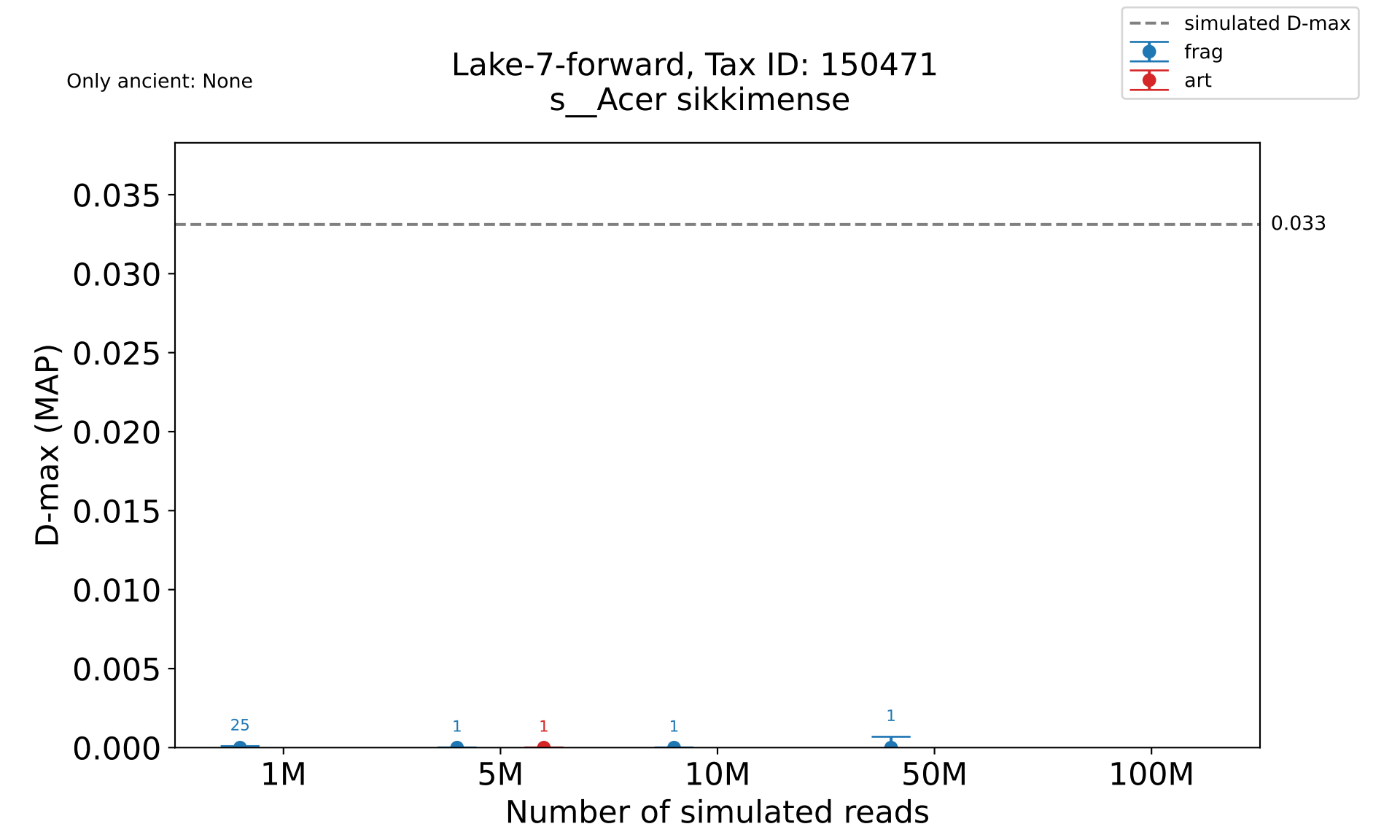

Only ancient: None
Lake-7-forward, Tax ID: 151282
s__Rubus kawakamii
simulated D-max
frag
art
0.059
D-max (MAP)
0.06
0.05
0.04
0.03
0.02
0.01
0.00
4
3
4
4
8
7
2
3
5
5
1M
5M
10M
50M
100M
Number of simulated reads

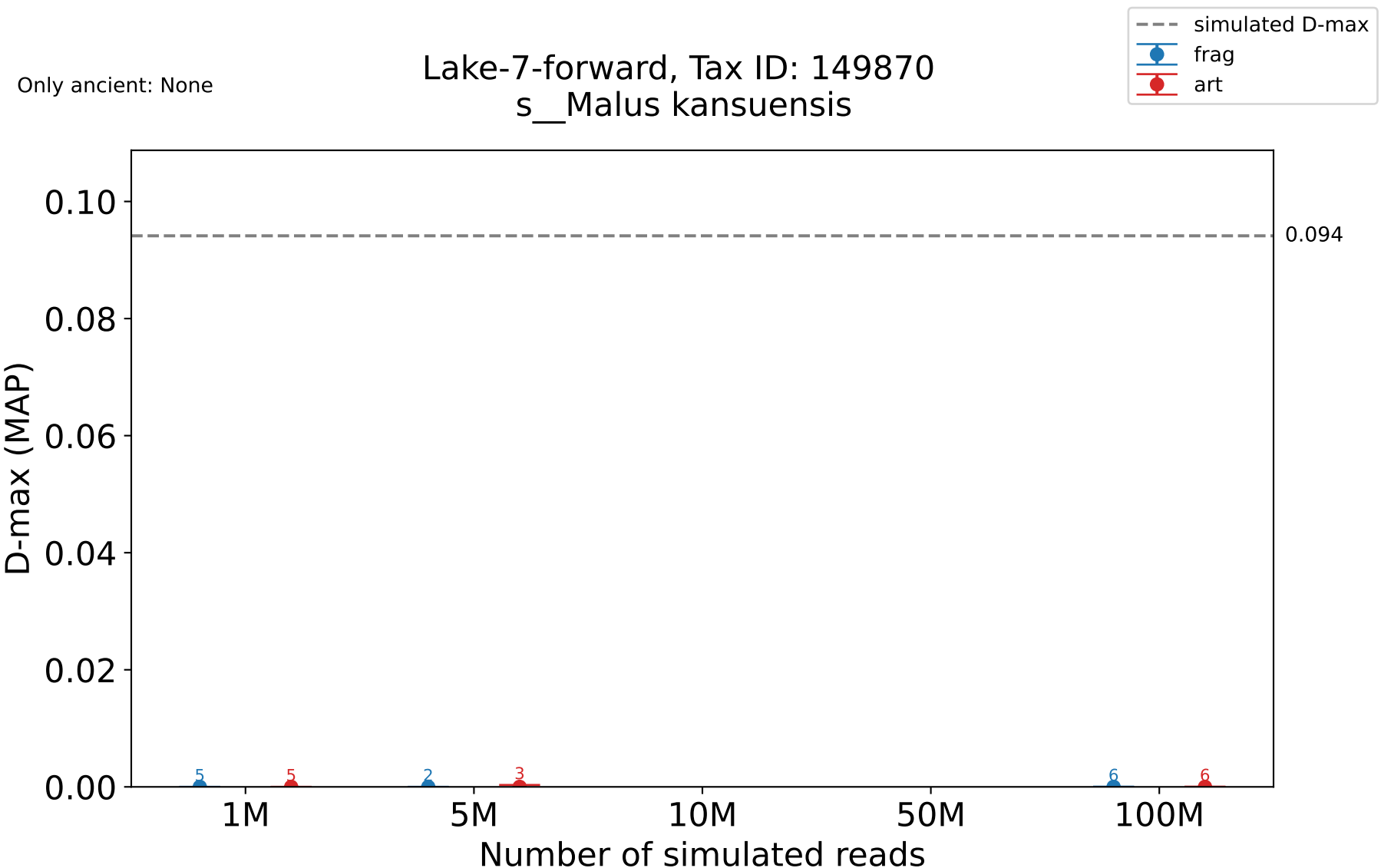

Only ancient: None
Lake-7-forward, Tax ID: 140735
s__Artemisia gmelinii
simulated D-max
frag
art
0.096
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
5
5
8
8
5
5
3
2
1
2
1M
5M
10M
50M
100M
Number of simulated reads

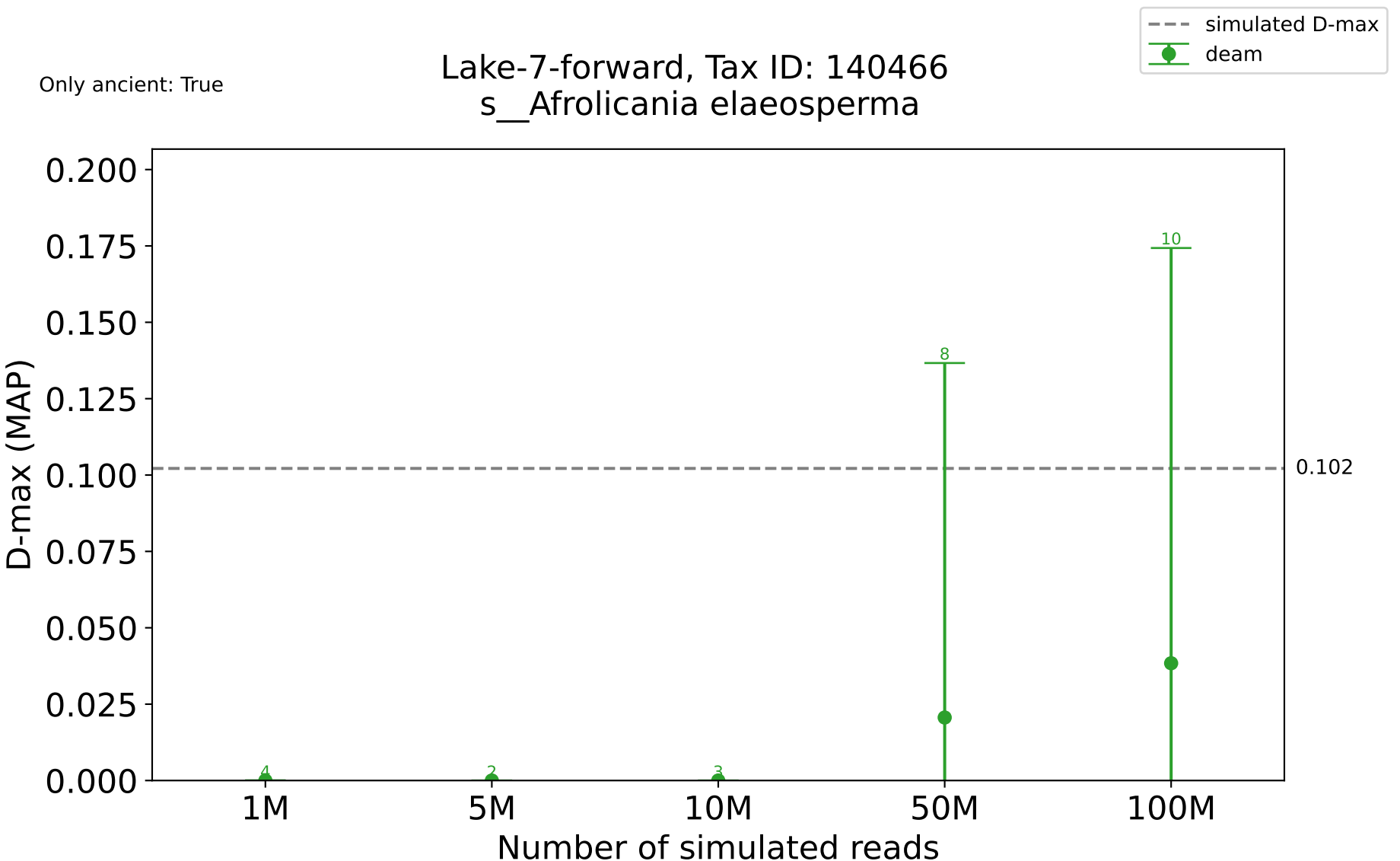

Only ancient: None
Lake-7-forward, Tax ID: 146599
s__Hydrangea heteromalla
simulated D-max
frag
art
0.081
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
5
5
2
3
2
5
7
5
5
1M
5M
10M
50M
100M
Number of simulated reads

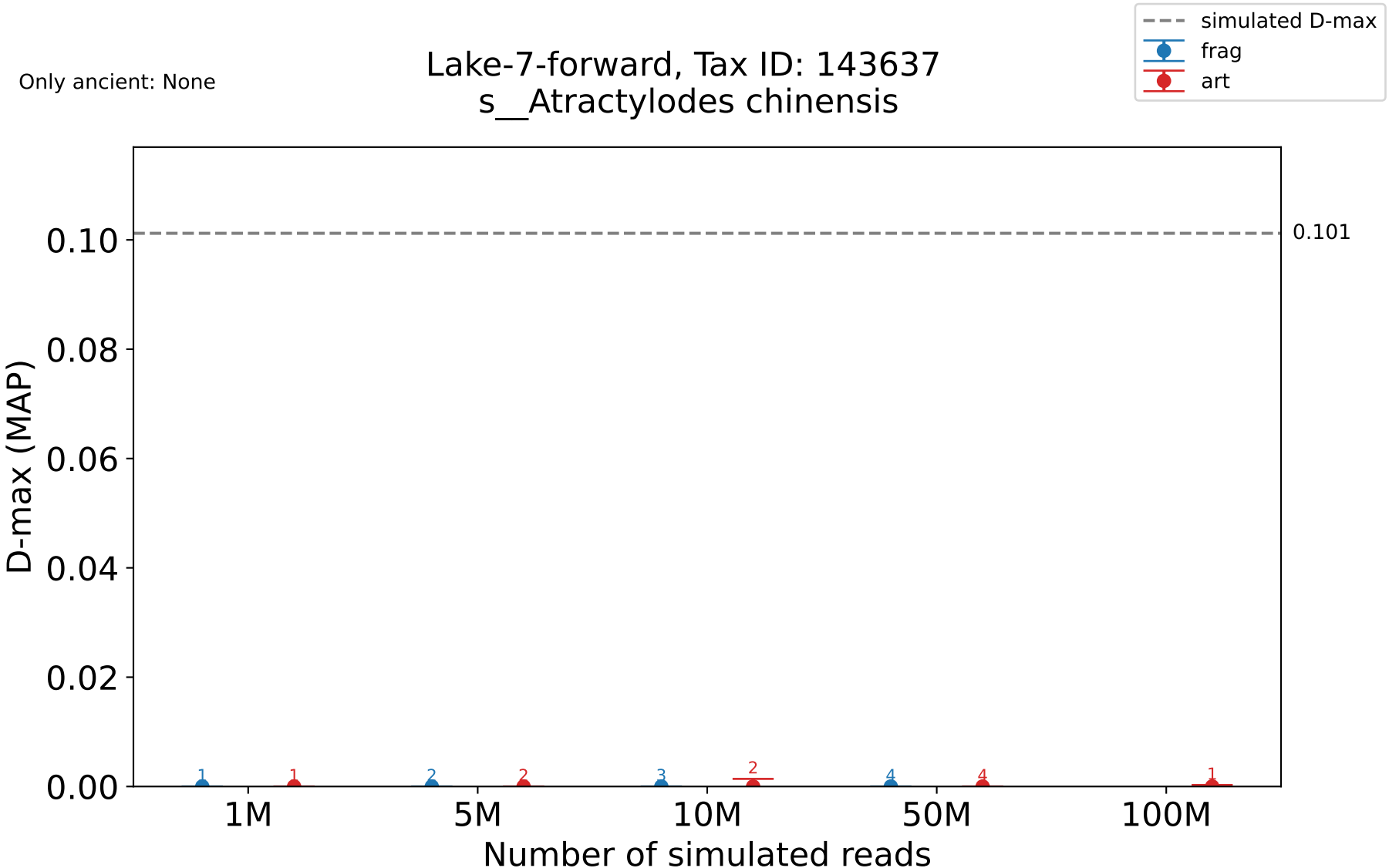

Only ancient: None
Lake-7-forward, Tax ID: 138499
s__Salix suchowensis
simulated D-max
frag
art
0.10
0.08
0.06
0.04
0.02
0.00
0.100
D-max (MAP)
11
9
3
2
3
5
5
1M
5M
10M
50M
100M
Number of simulated reads

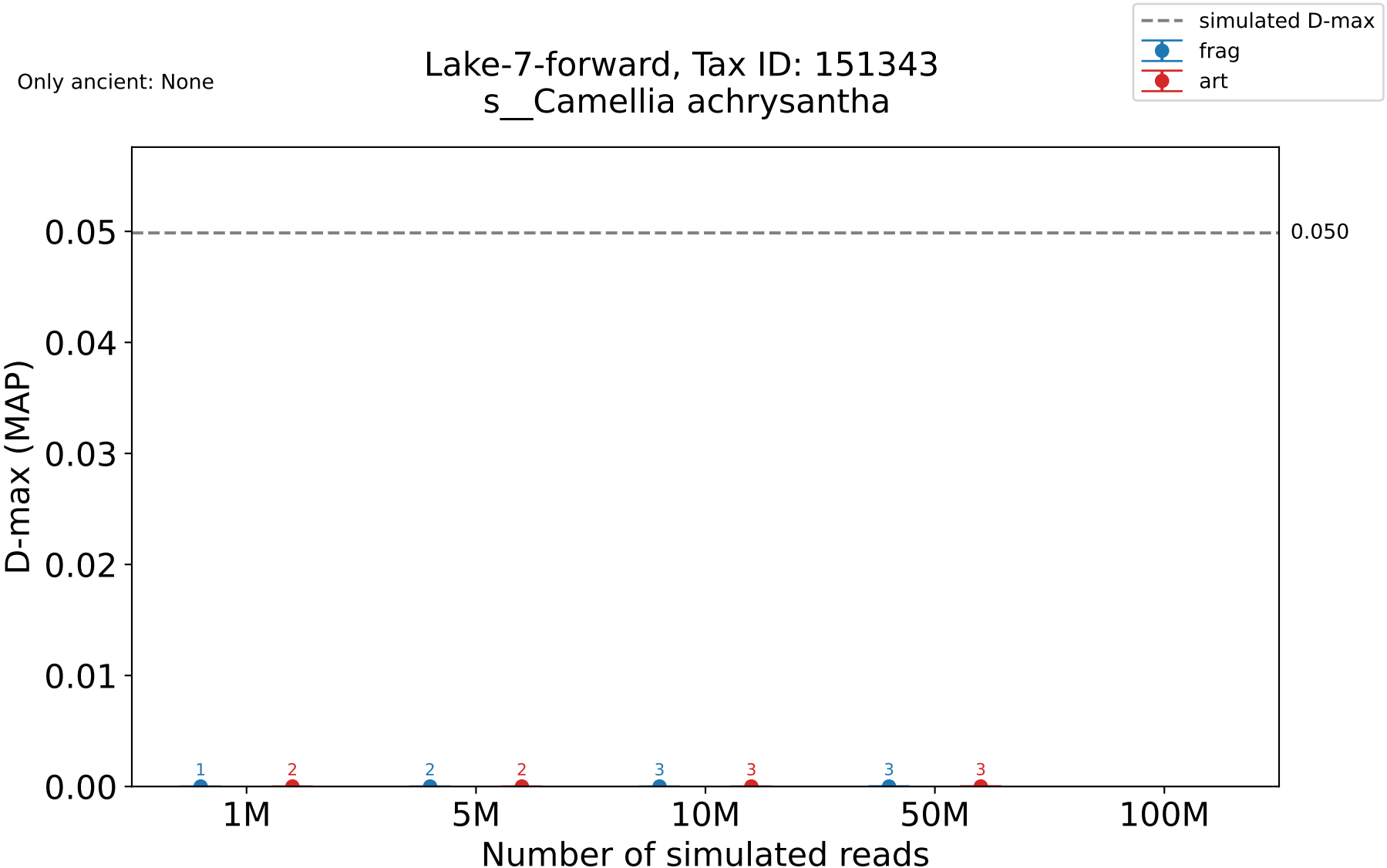

Only ancient: None
Lake-7-forward, Tax ID: 141069
s__Taraxacum kok-saghyz
simulated D-max
frag
art
0.097
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
3
3
2
2
5
6
7
7
1
2
1M
5M
10M
50M
100M
Number of simulated reads

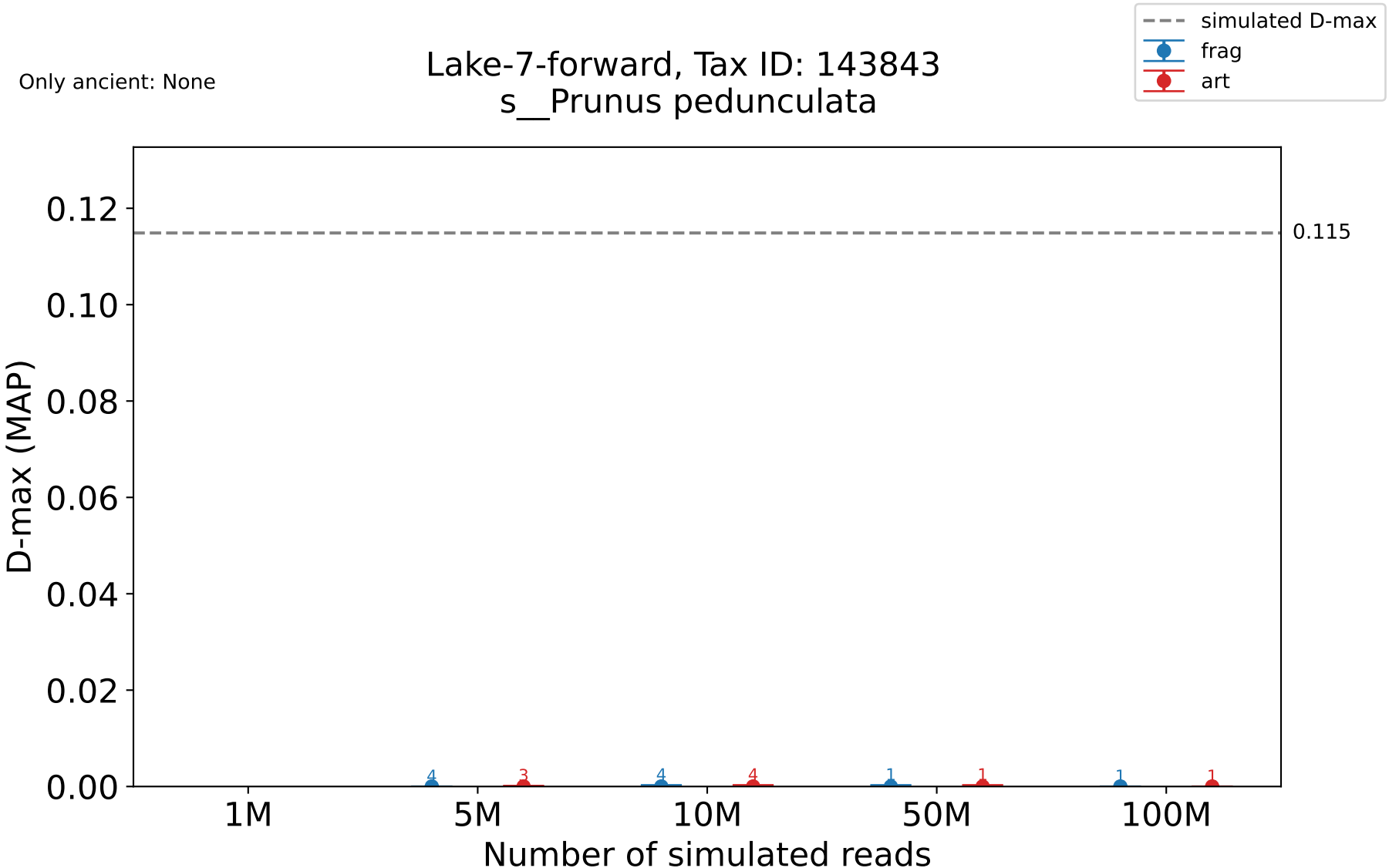

Only ancient: None
Lake-7-forward, Tax ID: 150471
s__Acer sikkimense
simulated D-max
frag
art
0.033
D-max (MAP)
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
25
1
1
1
1
1M
5M
10M
50M
100M
Number of simulated reads

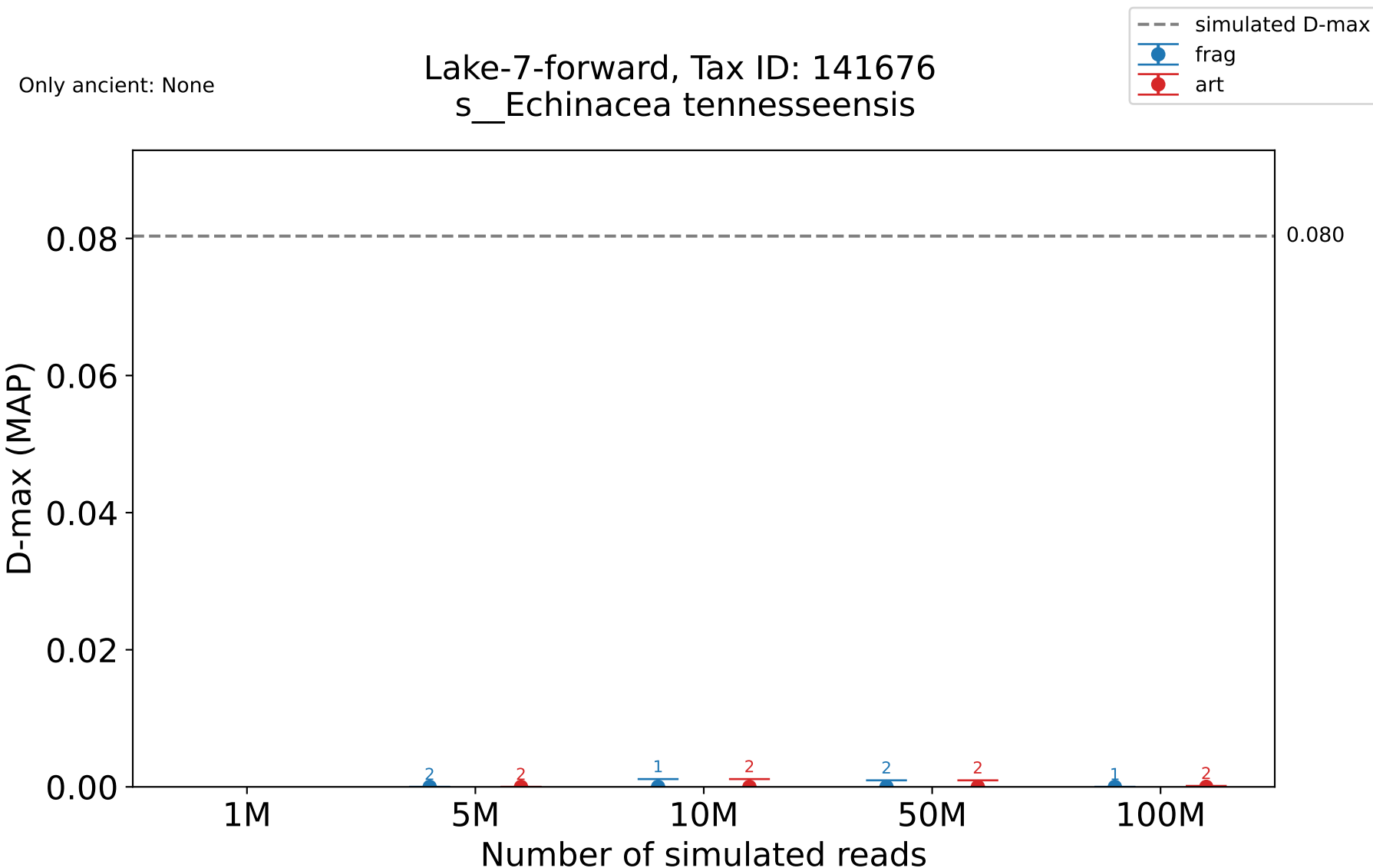

Only ancient: None
Lake-7-forward, Tax ID: 149870
s__Malus kansuensis
simulated D-max
frag
art
0.094
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
5
5
2
3
6
6
1M
5M
10M
50M
100M
Number of simulated reads

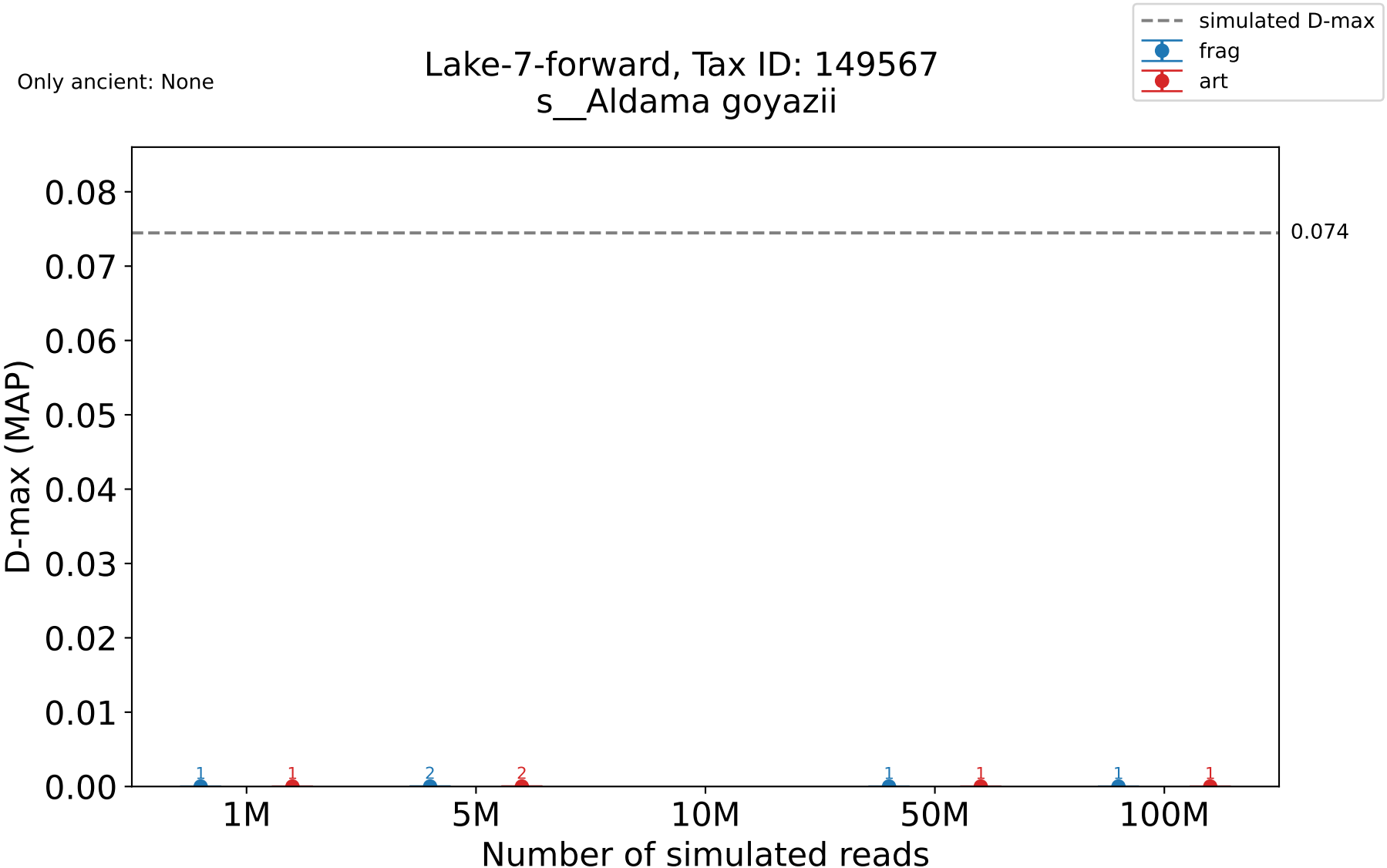

simulated D-max
deam
Only ancient: True
Lake-7-forward, Tax ID: 140466
s__Afrolicania elaeosperma
0.200
0.175
0.150
0.125
0.100
0.075
0.050
0.025
0.000
D-max (MAP)
0.102
4
2
3
8
10
1M
5M
10M
50M
100M
Number of simulated reads

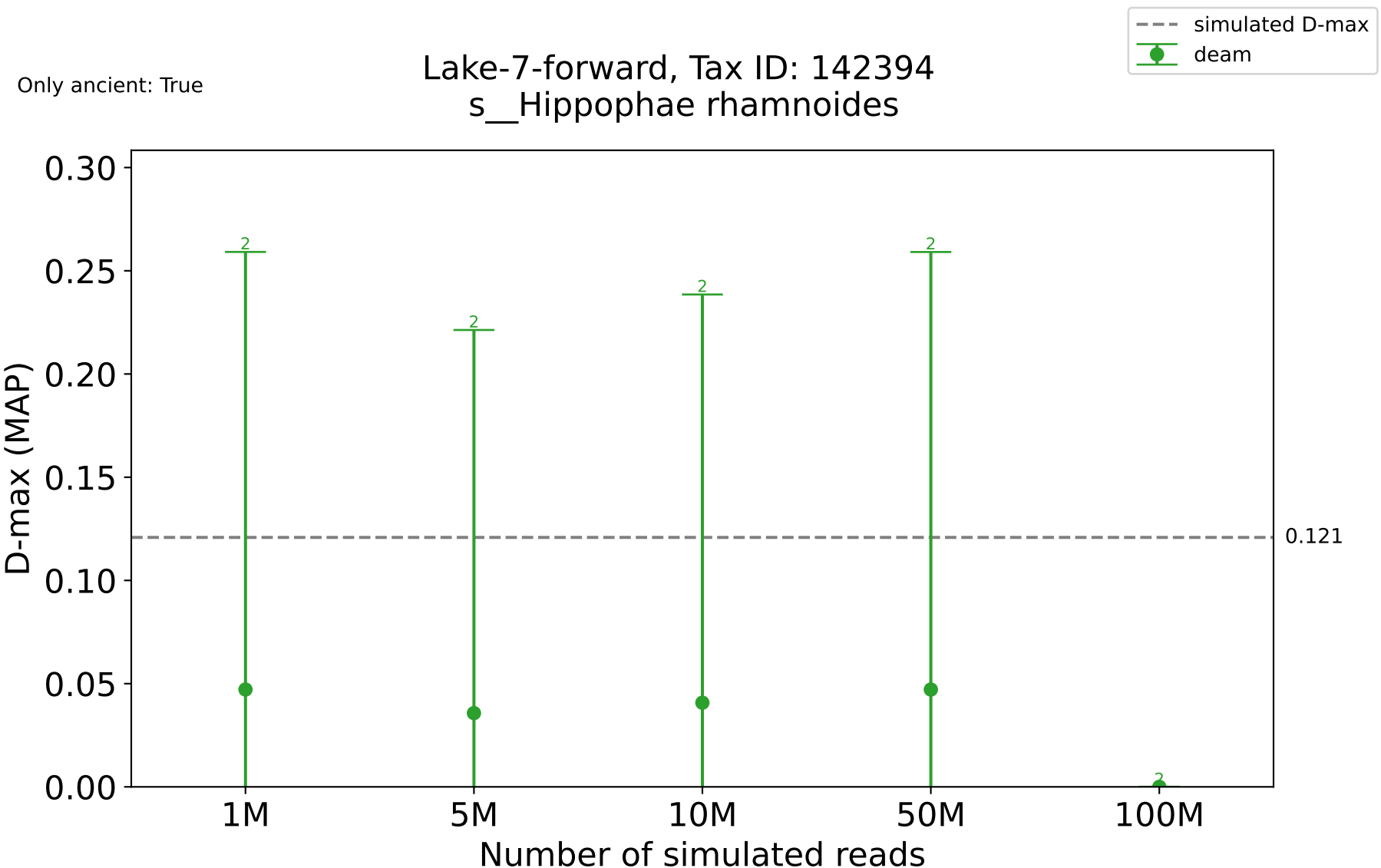

Only ancient: None
Lake-7-forward, Tax ID: 143637
s__Atractylodes chinensis
simulated D-max
frag
art
0.101
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
1M
5M
10M
50M
100M
Number of simulated reads

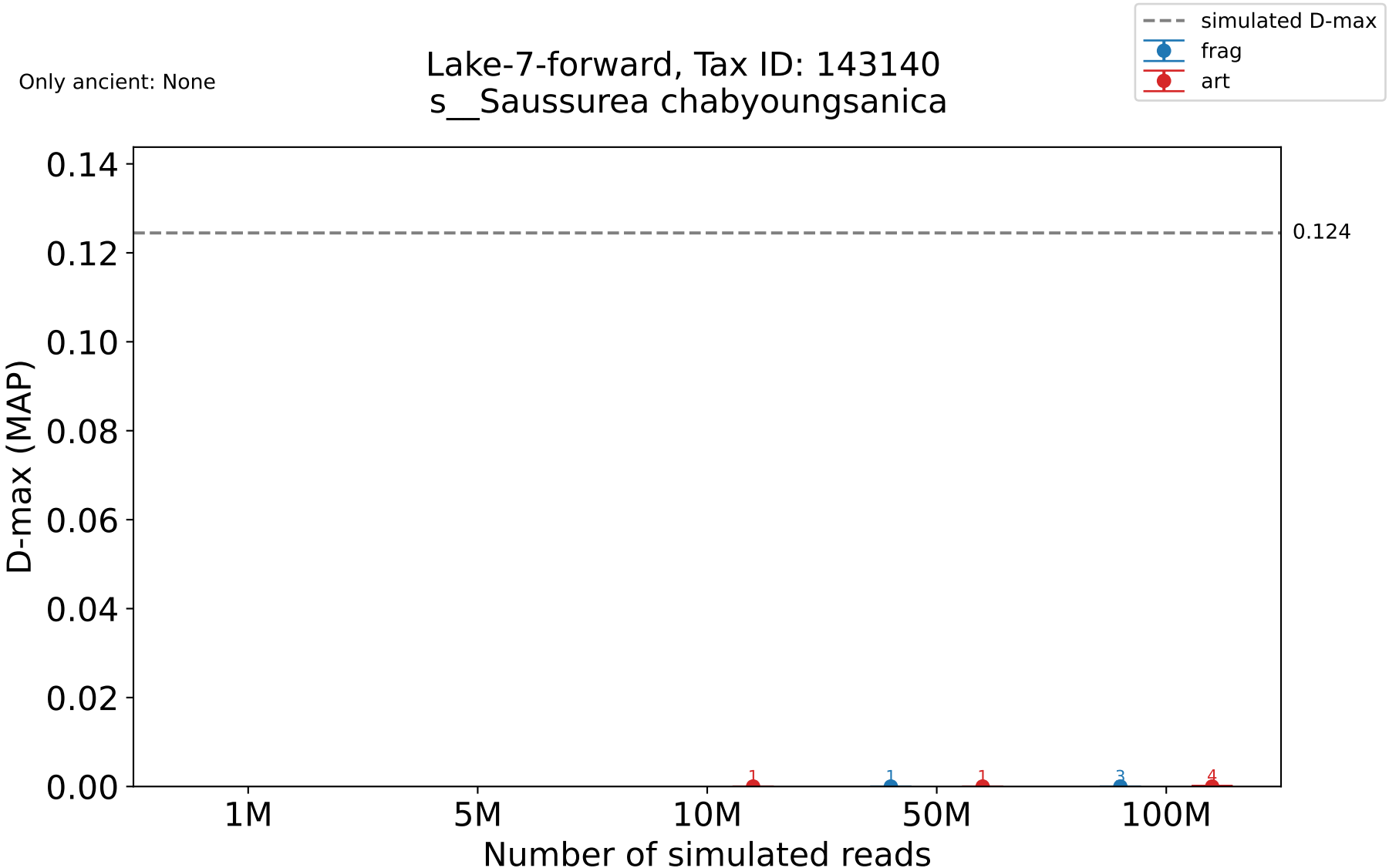

Only ancient: None
Lake-7-forward, Tax ID: 151343
s__Camellia achrysantha
simulated D-max
frag
art
0.050
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
1
2
2
2
3
3
3
3
1M
5M
10M
50M
100M
Number of simulated reads

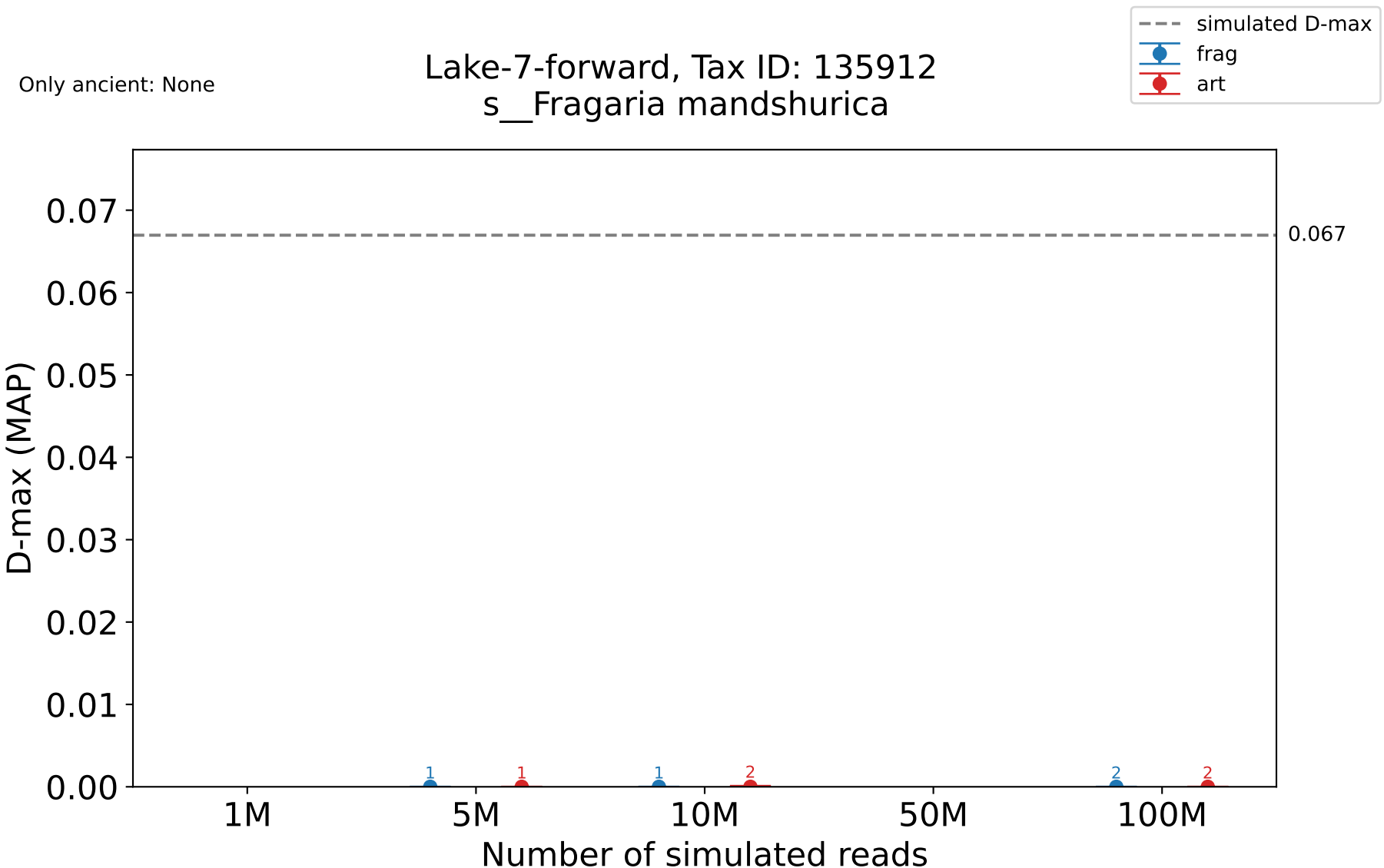

Only ancient: None
Lake-7-forward, Tax ID: 143843
s__Prunus pedunculata
simulated D-max
frag
art
0.115
0.12
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
4
3
4
4
1
1
1
1
1M
5M
10M
50M
100M
Number of simulated reads

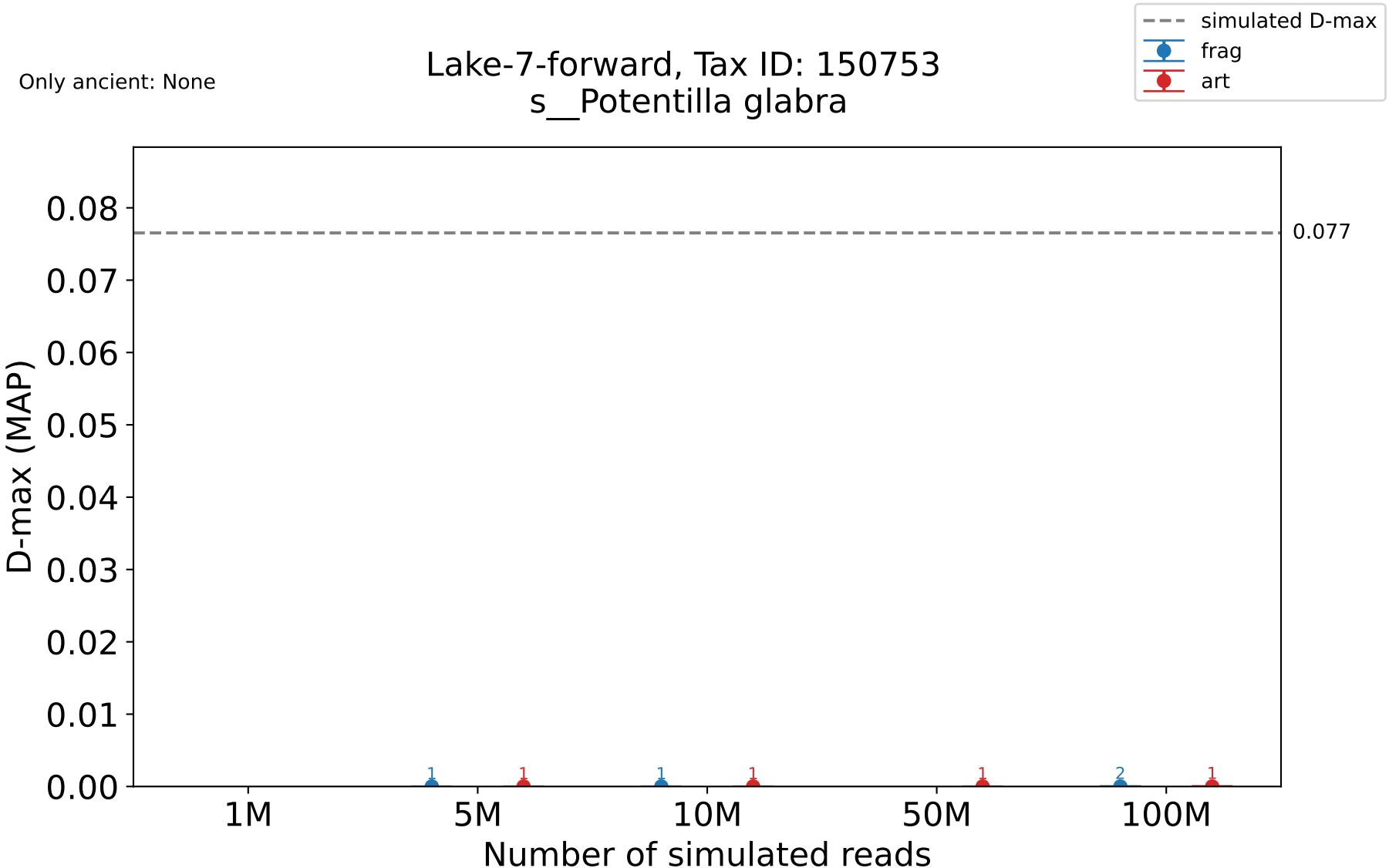

Only ancient: None
Lake-7-forward, Tax ID: 141676
s__Echinacea tennesseensis
simulated D-max
frag
art
0.080
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
2
2
1
2
2
2
1
2
1M
5M
10M
50M
100M
Number of simulated reads

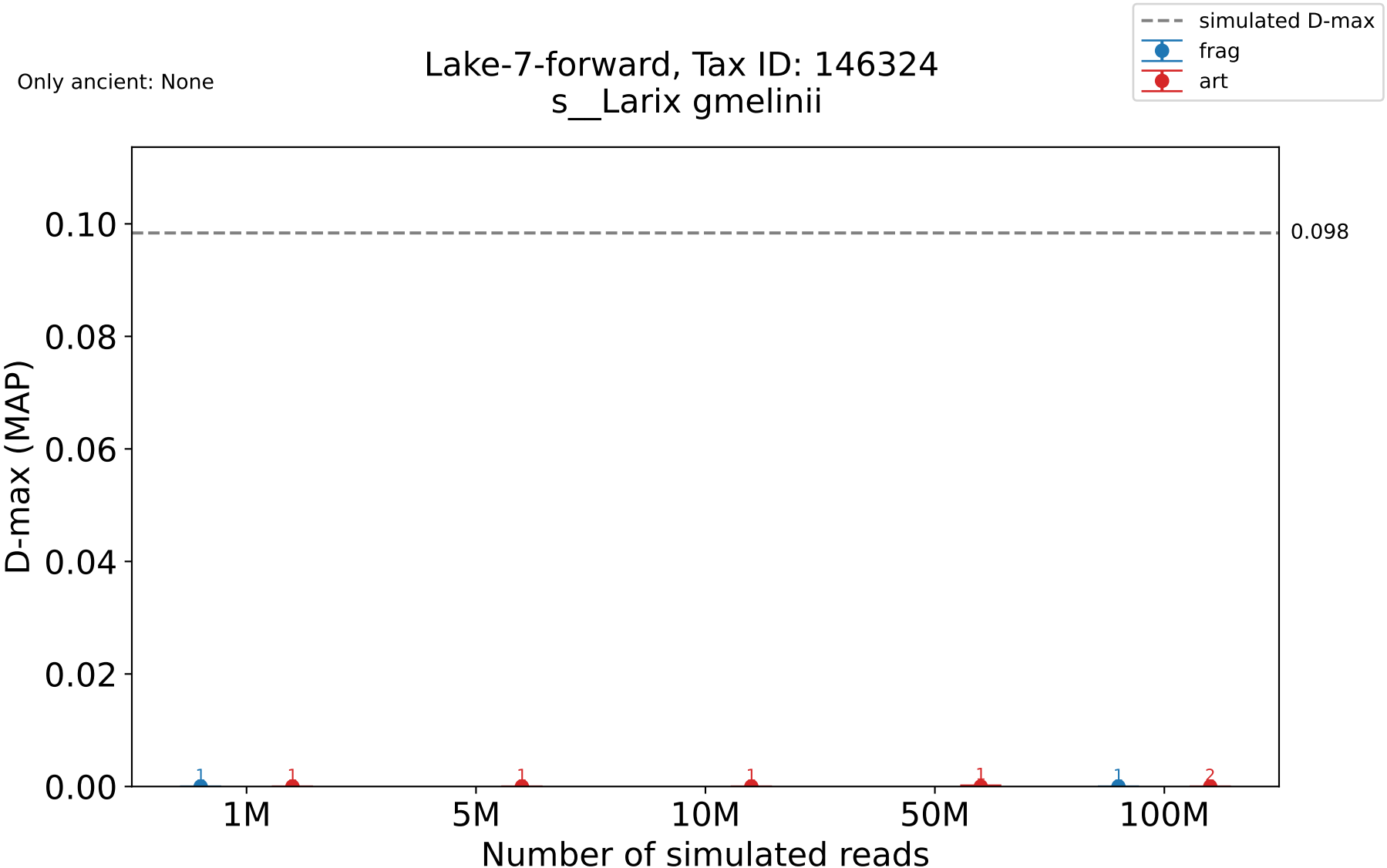

Only ancient: None
Lake-7-forward, Tax ID: 149567
s__Aldama goyazii
simulated D-max
frag
art
0.074
D-max (MAP)
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
1M
5M
10M
50M
100M
Number of simulated reads

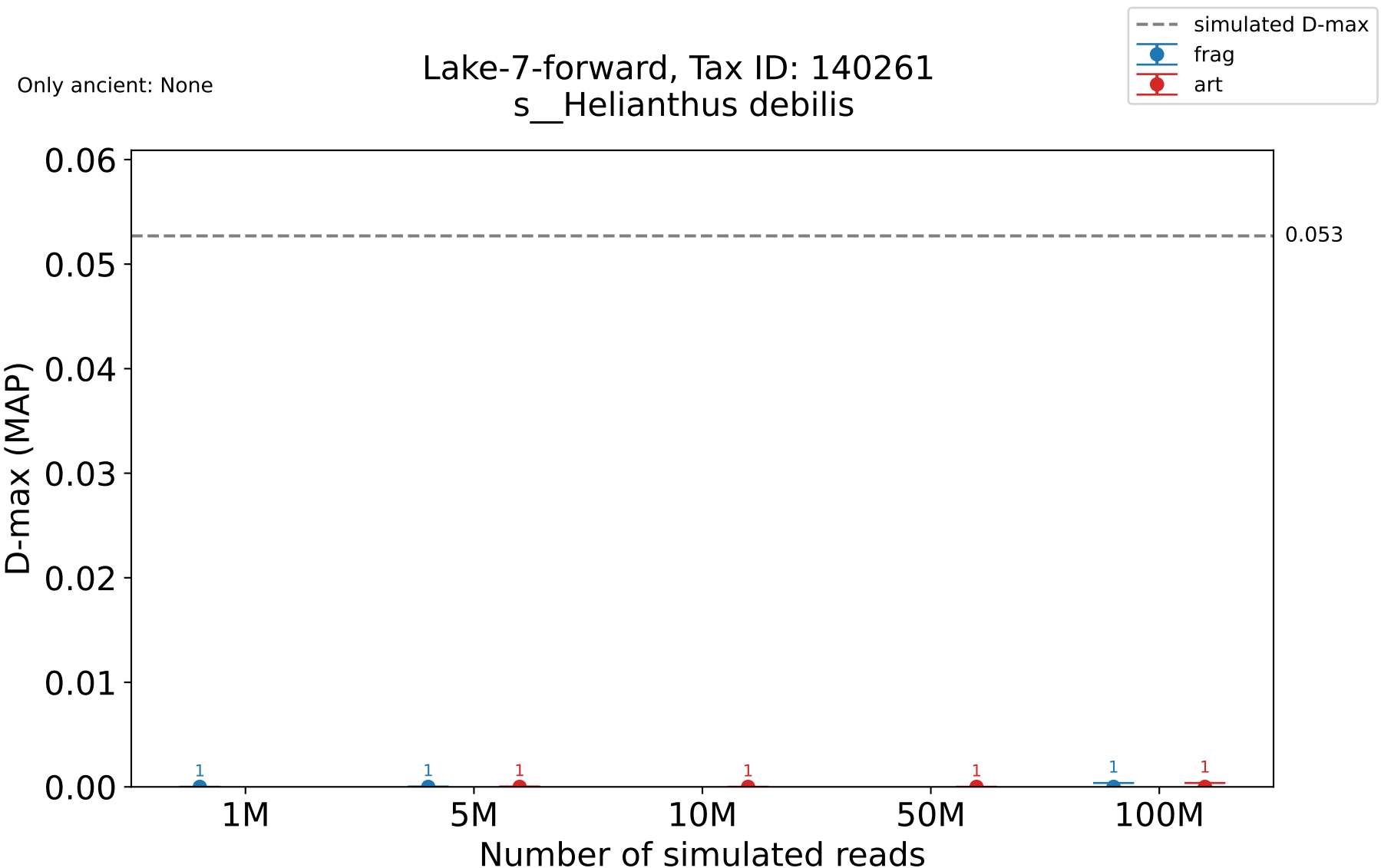

simulated D-max
deam
Only ancient: True
Lake-7-forward, Tax ID: 142394
s__Hippophae rhamnoides
0.30
0.25
0.20
0.15
0.10
0.05
0.00
D-max (MAP)
0.121
2
2
2
2
2
1M
5M
10M
50M
100M
Number of simulated reads

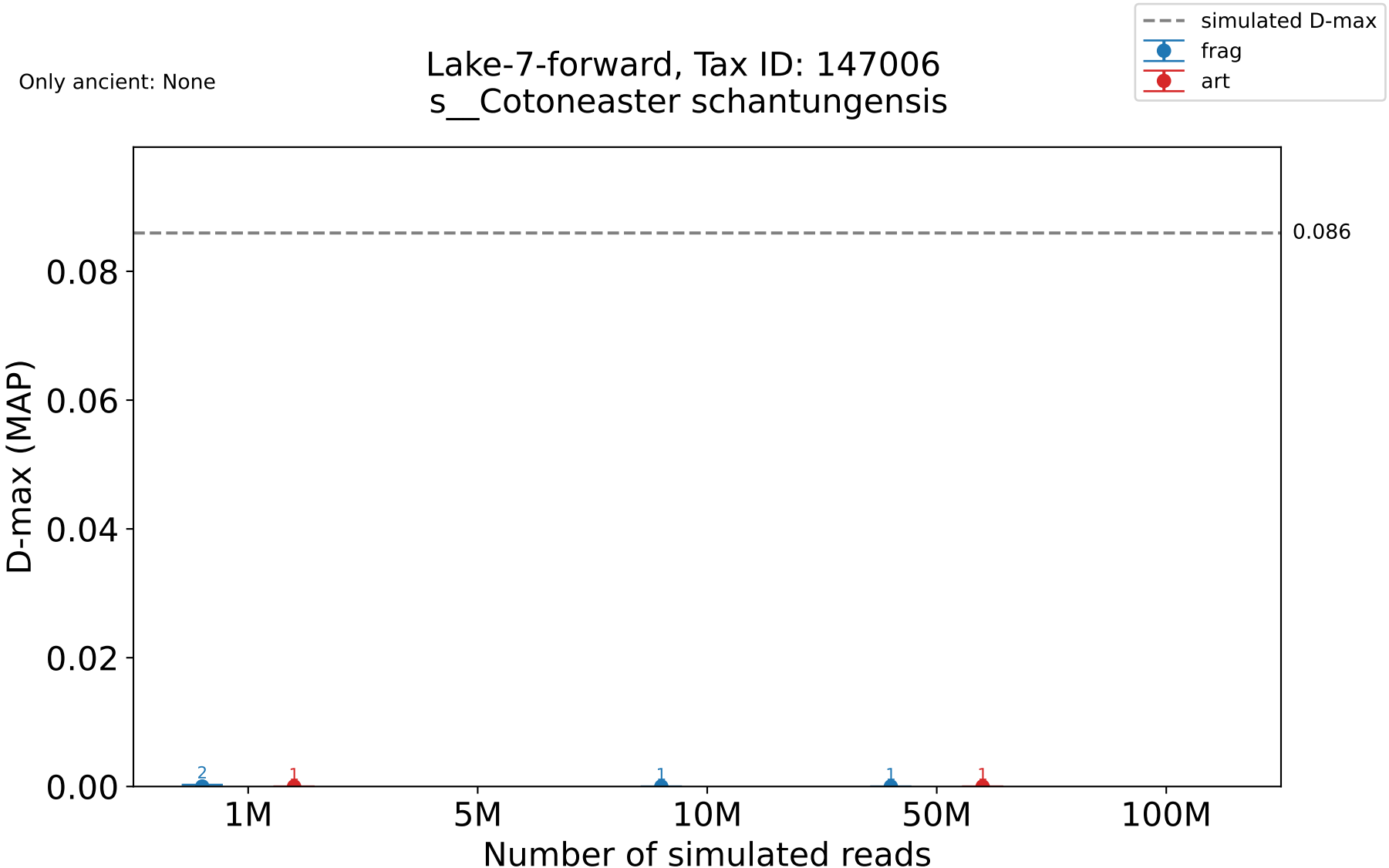

Only ancient: None
Lake-7-forward, Tax ID: 143140
s__Saussurea chabyoungsanica
simulated D-max
frag
art
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
0.124
1
1
1
3
4
1M
5M
10M
50M
100M
Number of simulated reads

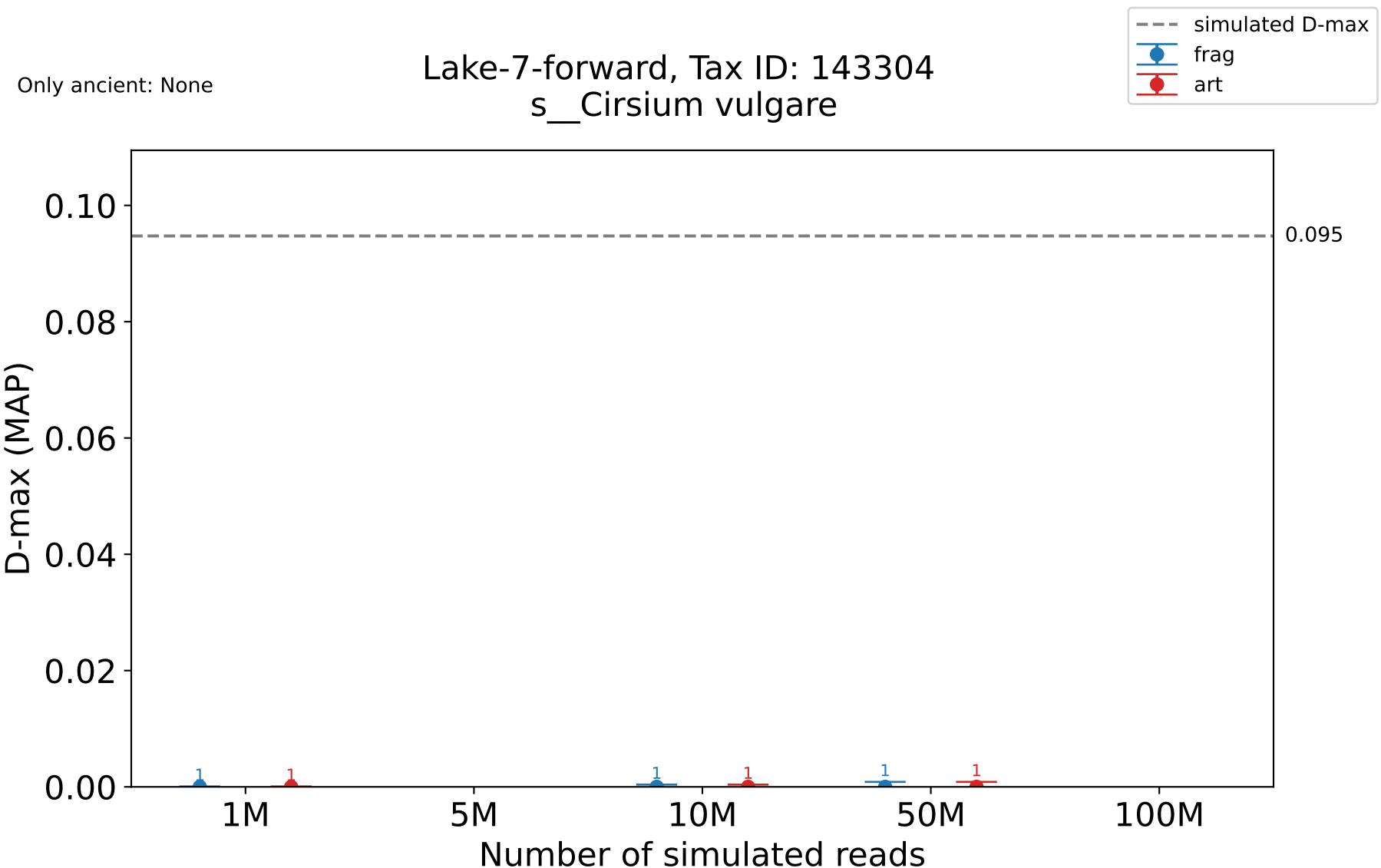

Only ancient: None
Lake-7-forward, Tax ID: 135912
s__Fragaria mandshurica
simulated D-max
frag
art
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.067
1
1
1
2
2
2
1M
5M
10M
50M
100M
Number of simulated reads

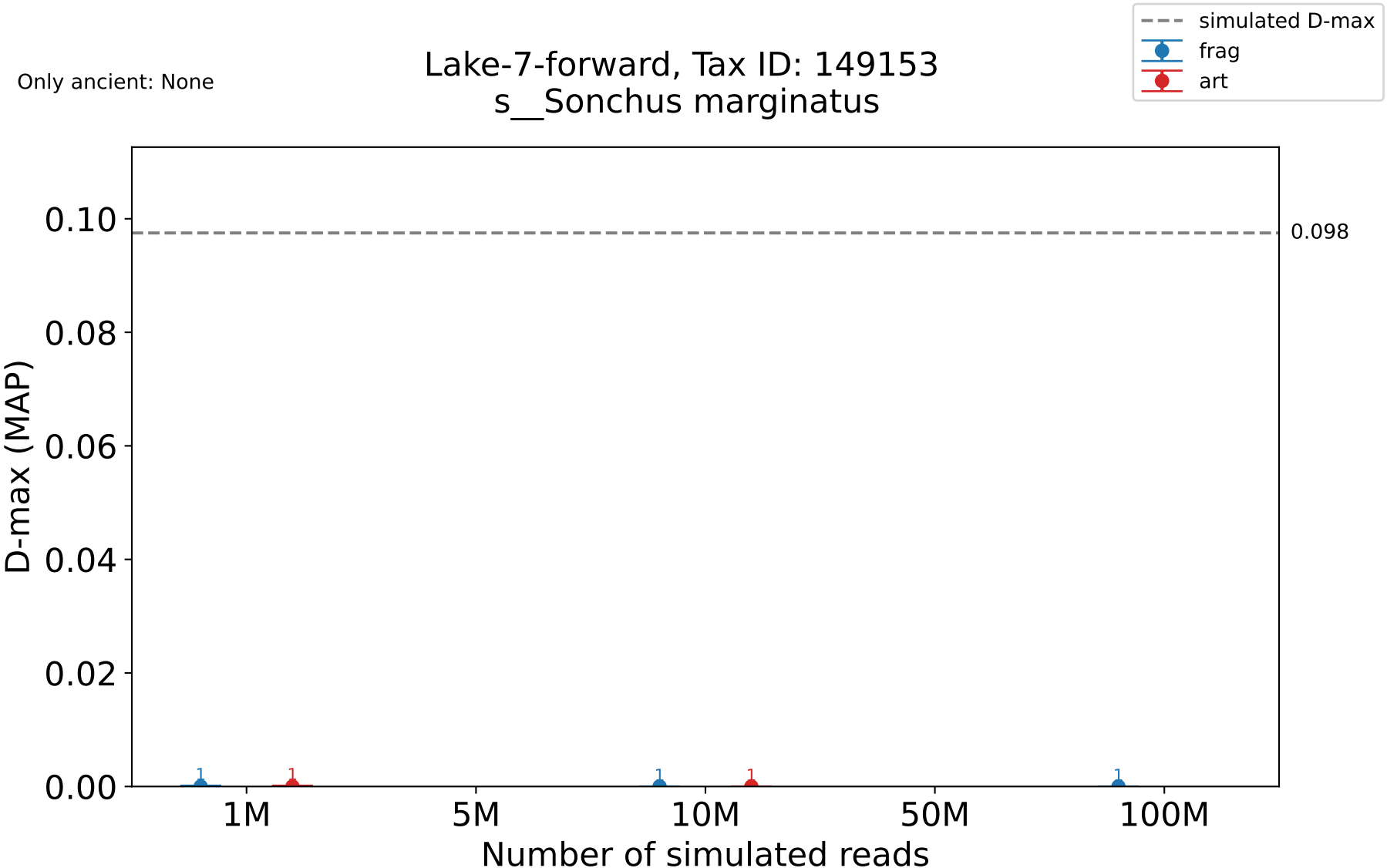

Only ancient: None
Lake-7-forward, Tax ID: 150753
s__Potentilla glabra
simulated D-max
frag
art
0.077
D-max (MAP)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
1M
5M
10M
50M
100M
Number of simulated reads
1
1
1
1
1
2
1

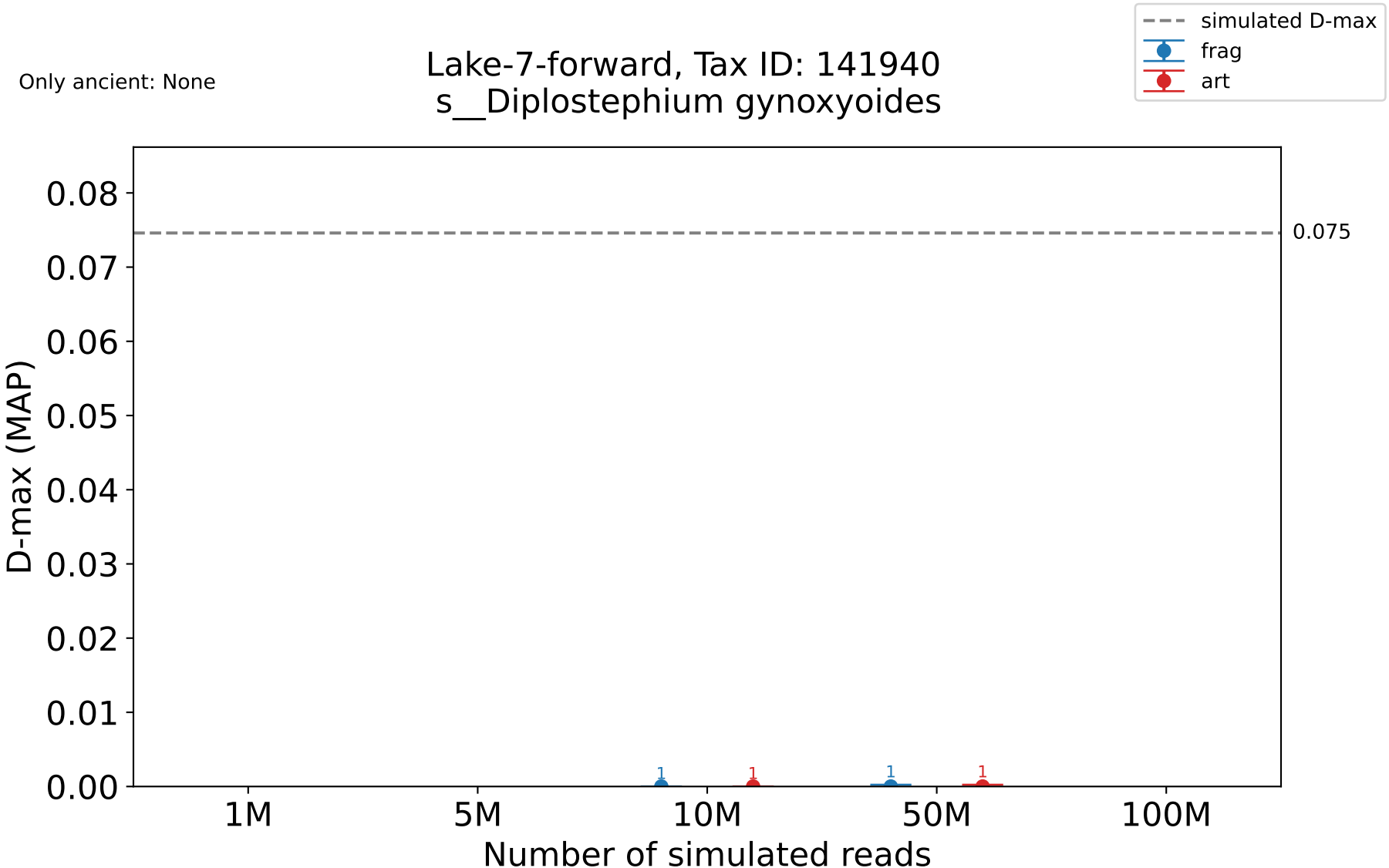

Only ancient: None
Lake-7-forward, Tax ID: 146324
s__Larix gmelinii
simulated D-max
frag
art
0.098
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
1M
5M
10M
50M
100M
Number of simulated reads
1
1
1
1
1
1
2

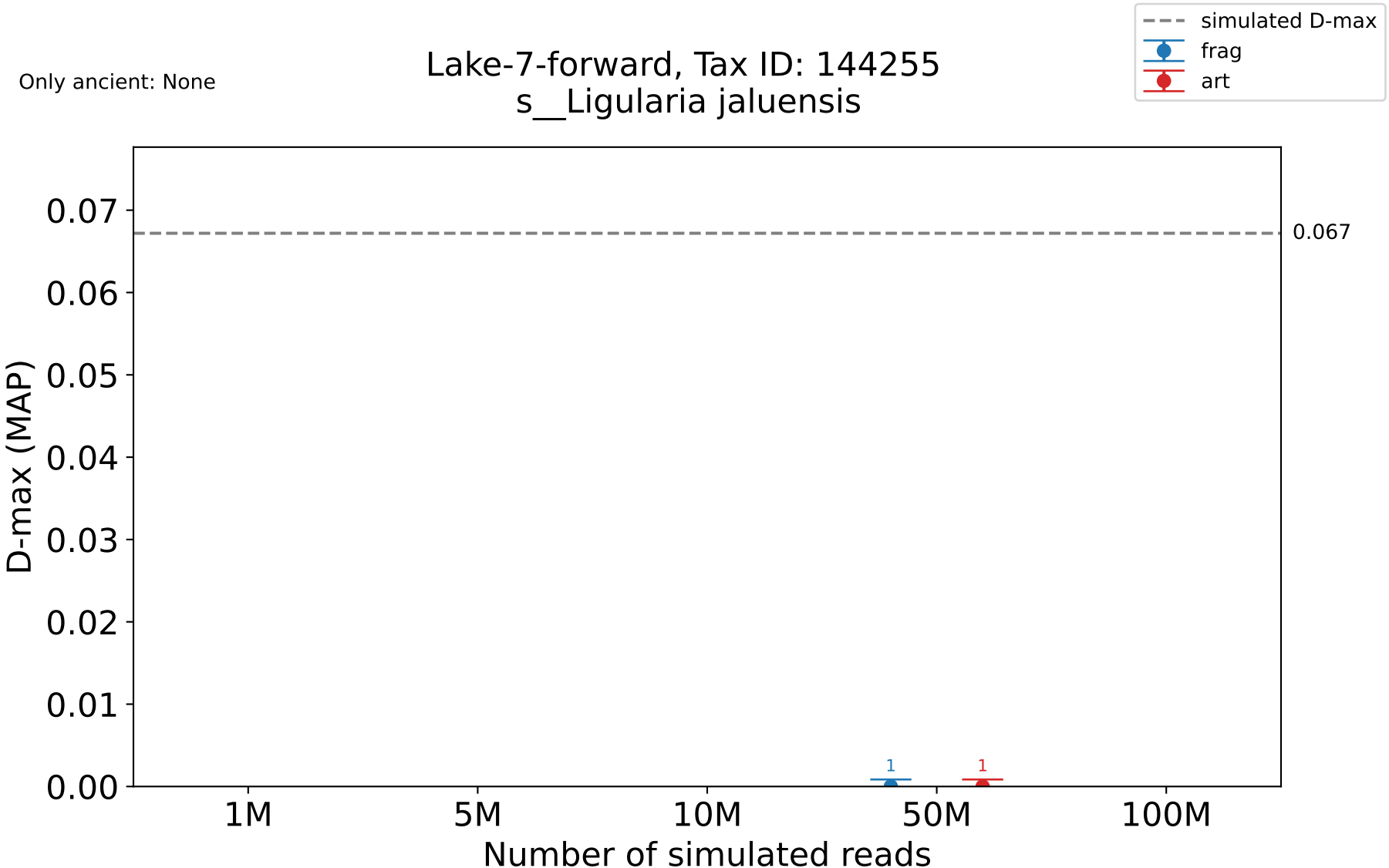

Only ancient: None
Lake-7-forward, Tax ID: 140261
s__Helianthus debilis
simulated D-max
frag
art
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.053
1
1
1
1
1
1
1
1M
5M
10M
50M
100M
Number of simulated reads

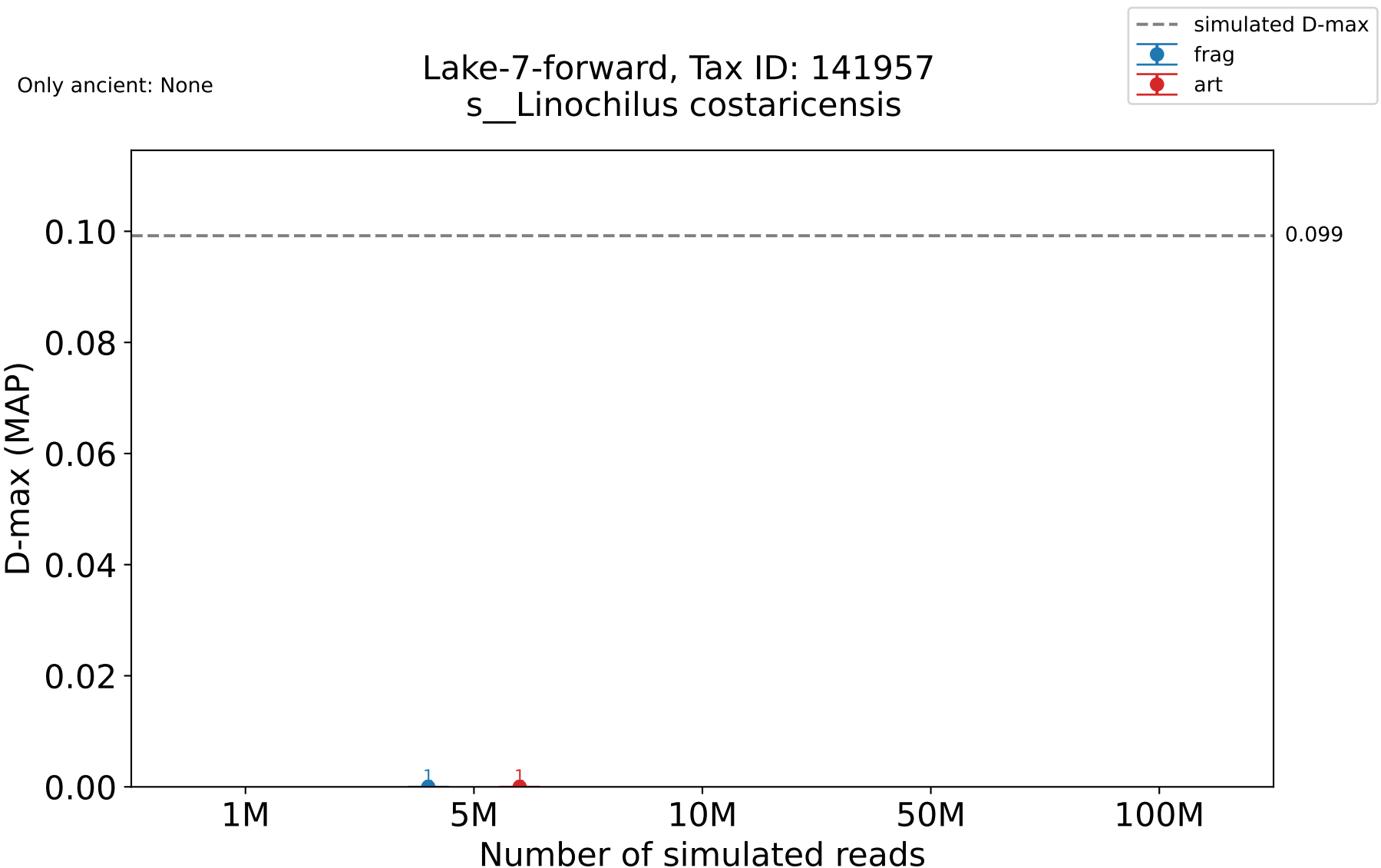

Only ancient: None
Lake-7-forward, Tax ID: 147006
s__Cotoneaster schantungensis
simulated D-max
frag
art
0.086
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
2
1
1
1
1
1M
5M
10M
50M
100M
Number of simulated reads

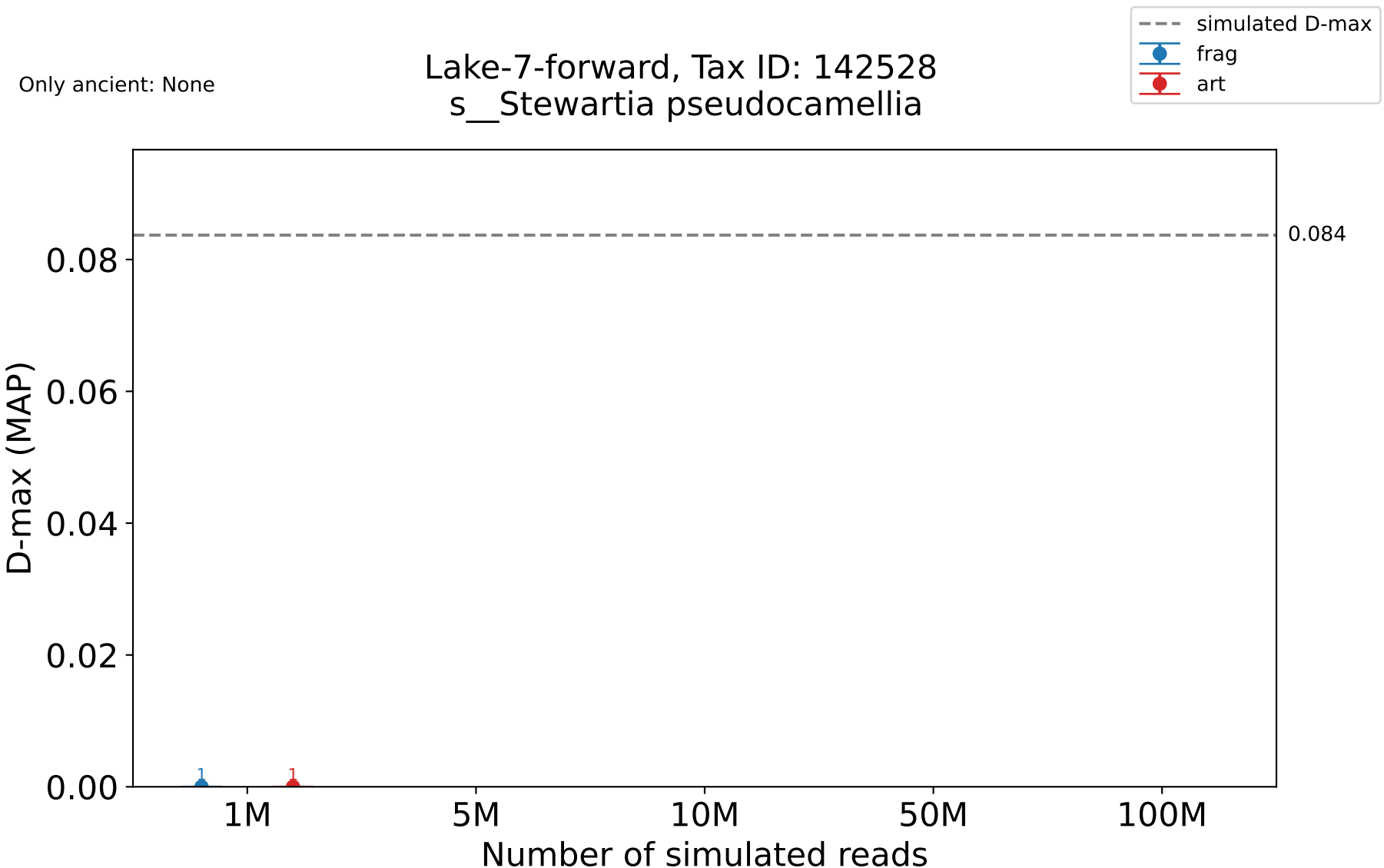

Only ancient: None
Lake-7-forward, Tax ID: 143304
s__Cirsium vulgare
simulated D-max
frag
art
0.095
D-max (MAP)
0.10
0.08
0.06
0.04
0.02
0.00
1M
5M
10M
50M
100M
Number of simulated reads


Only ancient: None
Lake-7-forward, Tax ID: 149153
s__Sonchus marginatus
simulated D-max
frag
art
0.098
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
1M
5M
10M
50M
100M
Number of simulated reads


Only ancient: None
Lake-7-forward, Tax ID: 141940
s__Diplostephium gynoxyoides
simulated D-max
frag
art
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.075
1
1
1
1
1M
5M
10M
50M
100M
Number of simulated reads


Only ancient: None
Lake-7-forward, Tax ID: 144255
s__Ligularia jaluensis
simulated D-max
frag
art
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
D-max (MAP)
0.067
1
1
1M
5M
10M
50M
100M
Number of simulated reads


Only ancient: None
Lake-7-forward, Tax ID: 141957
s__Linochilus costaricensis
simulated D-max
frag
art
0.10
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
0.099
1
1
1M
5M
10M
50M
100M
Number of simulated reads


Only ancient: None
Lake-7-forward, Tax ID: 142528
s__Stewartia pseudocamellia
simulated D-max
frag
art
0.084
0.08
0.06
0.04
0.02
0.00
D-max (MAP)
1
1
1M
5M
10M
50M
100M
Number of simulated reads