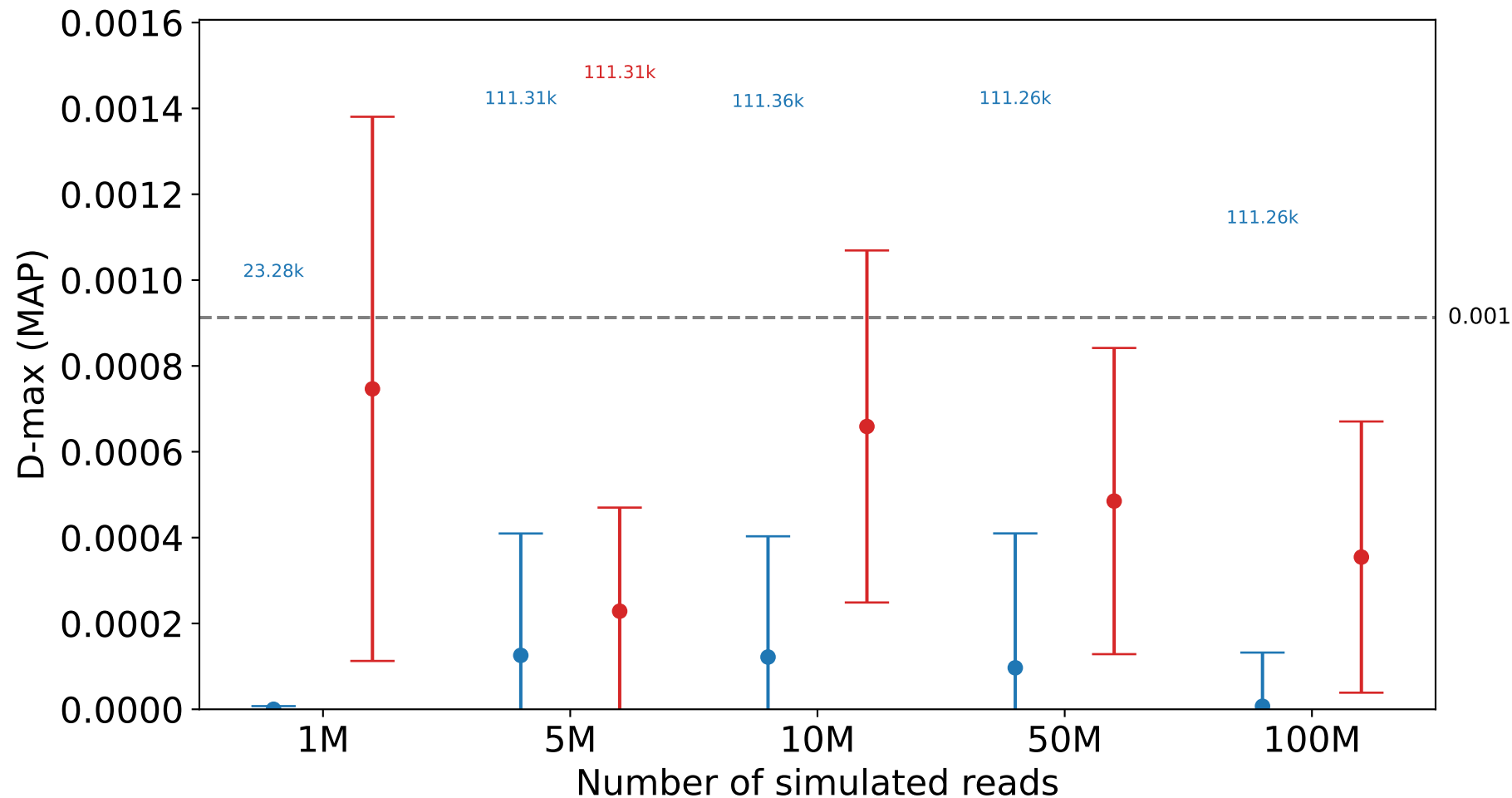


Only ancient: None

Lake-7-forward, Tax ID: 121553  
*s\_Mucilaginibacter xinganensis*

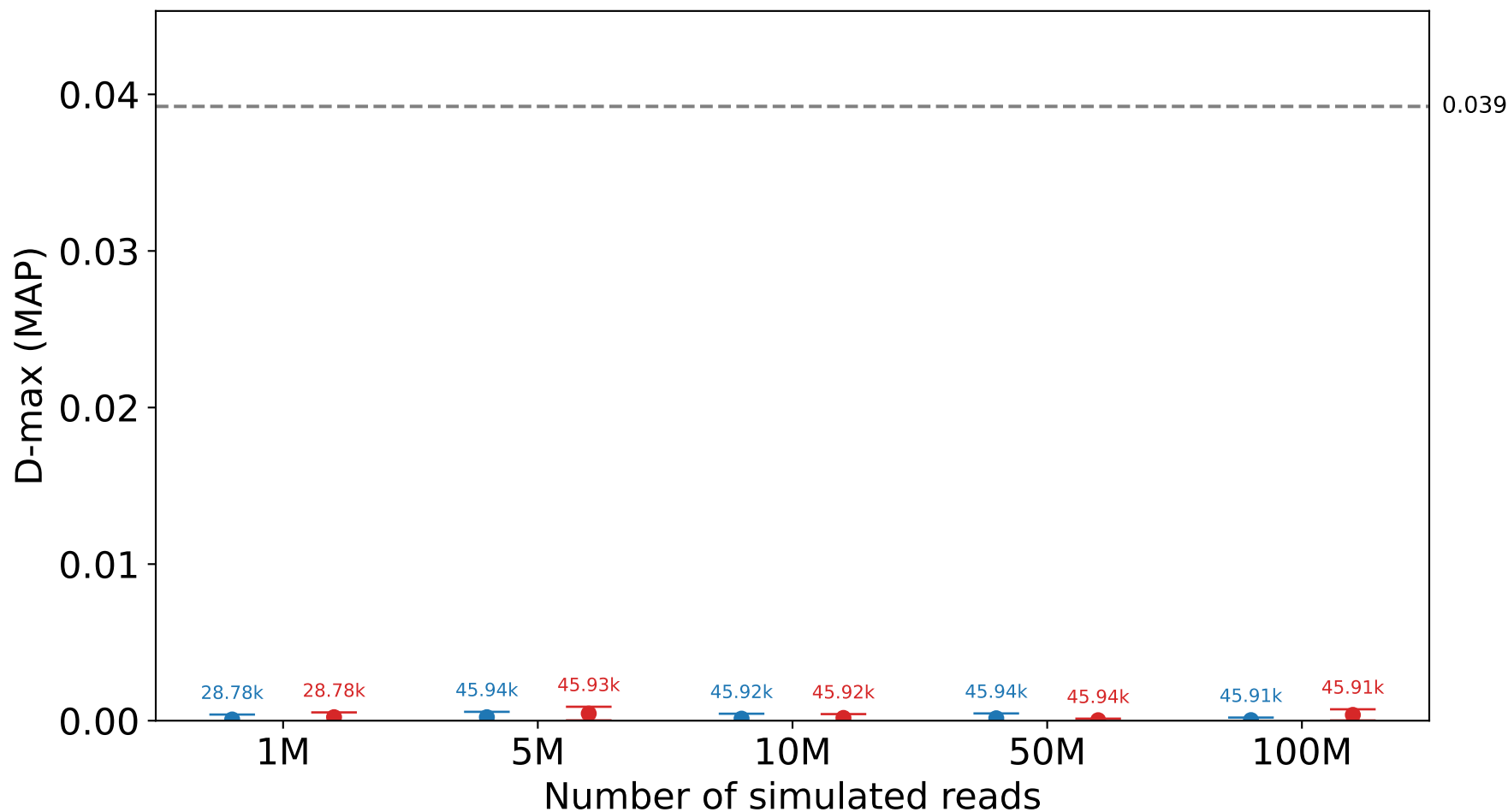
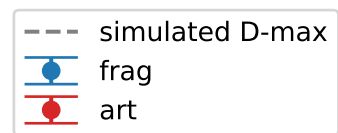
111.26k

111.35k



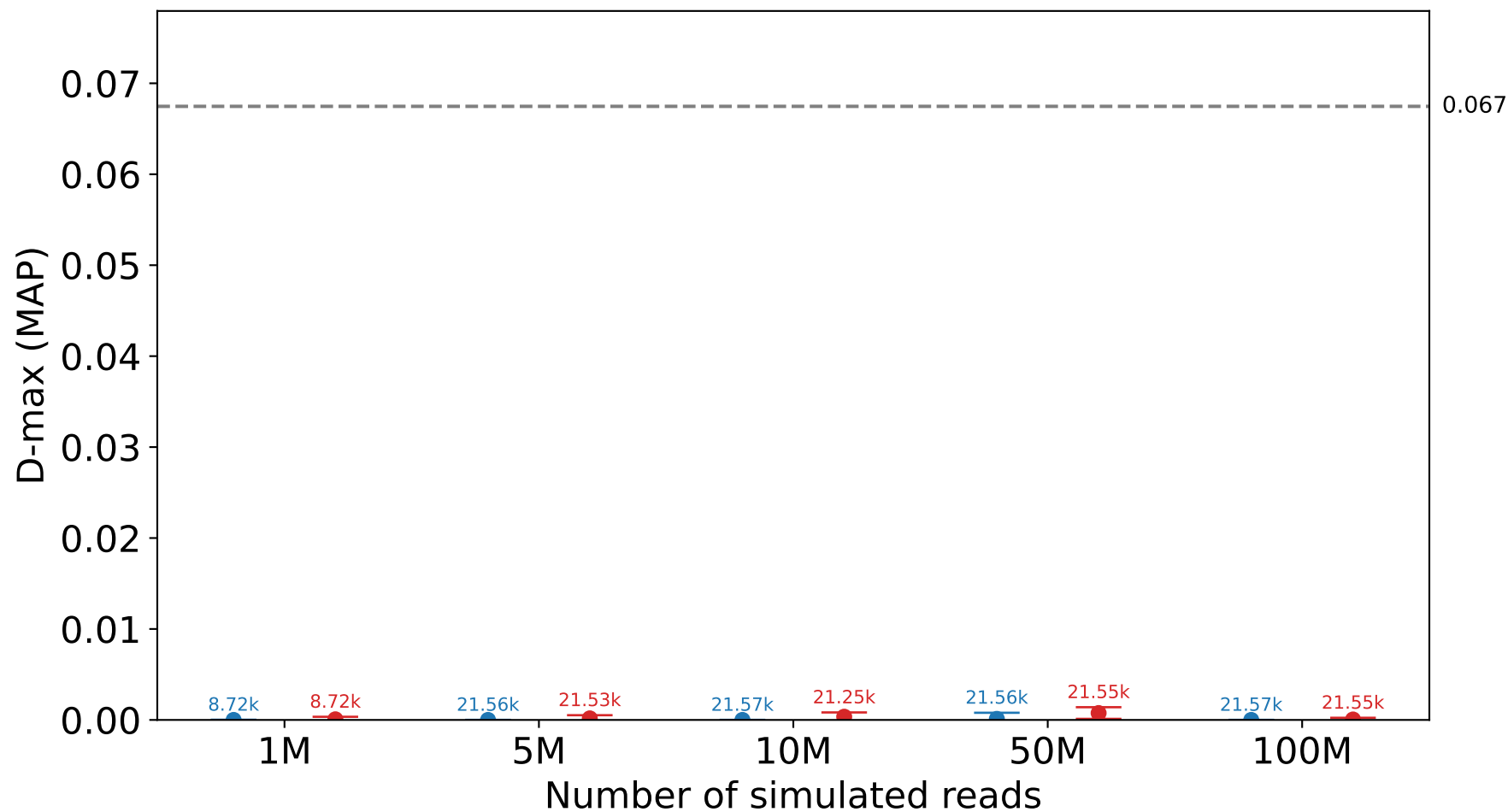
Only ancient: None

# Lake-7-forward, Tax ID: 89007 s\_\_Bog-38 sp003170935



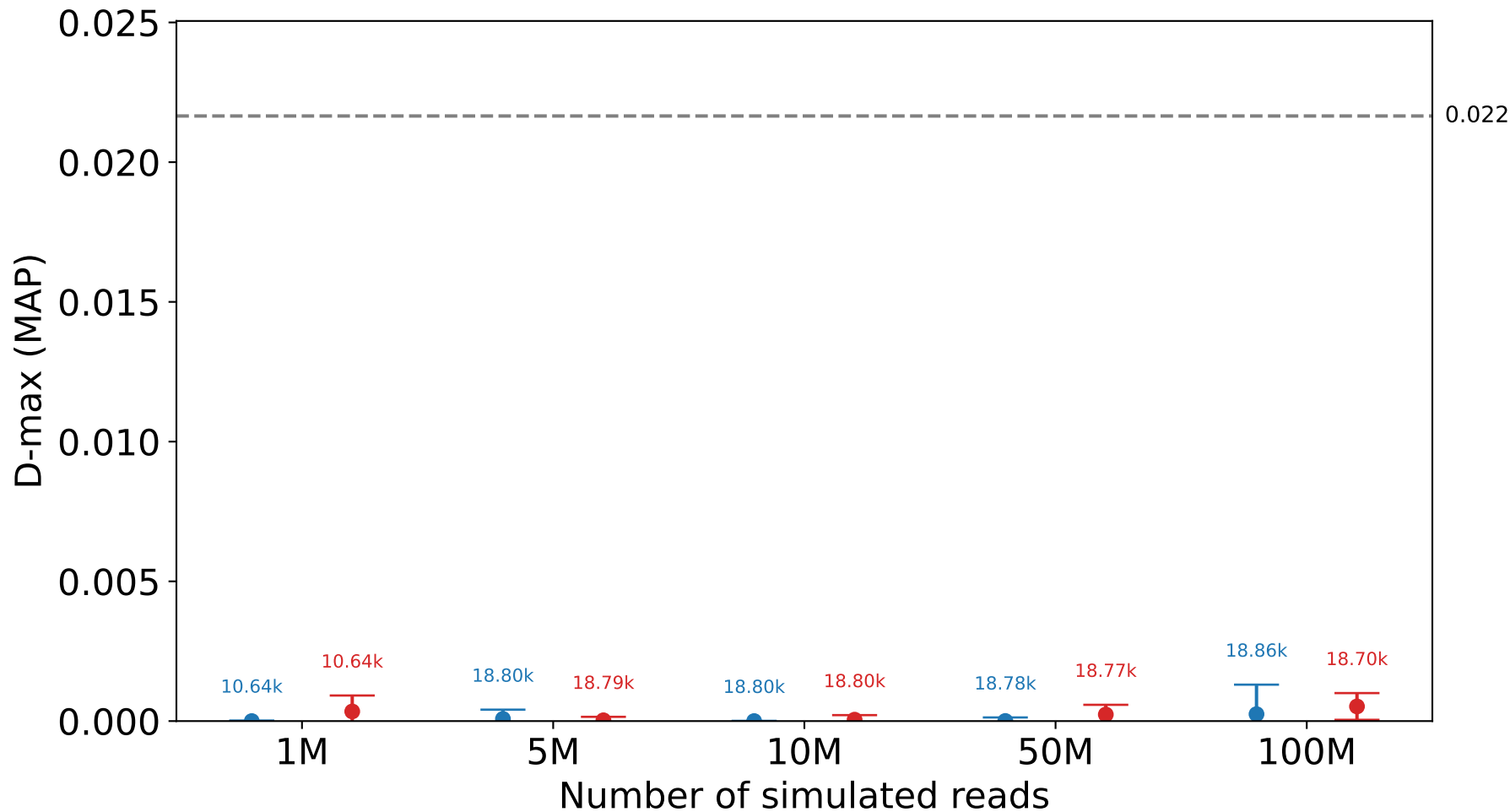
Only ancient: None

Lake-7-forward, Tax ID: 112477  
s\_CAIXMD01 sp903920415



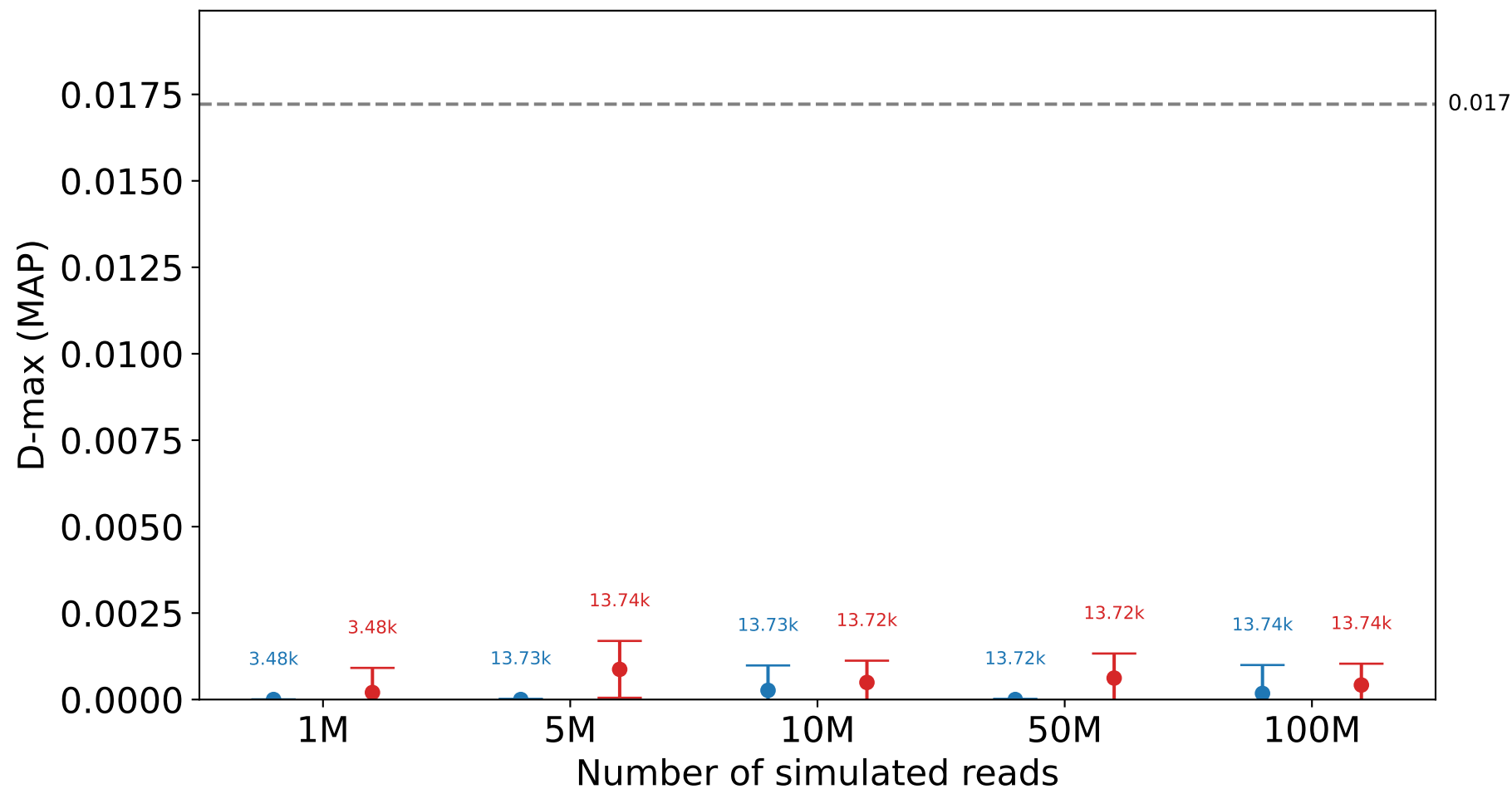
Only ancient: None

Lake-7-forward, Tax ID: 112581  
s\_Cyanobium\_A sp903928835



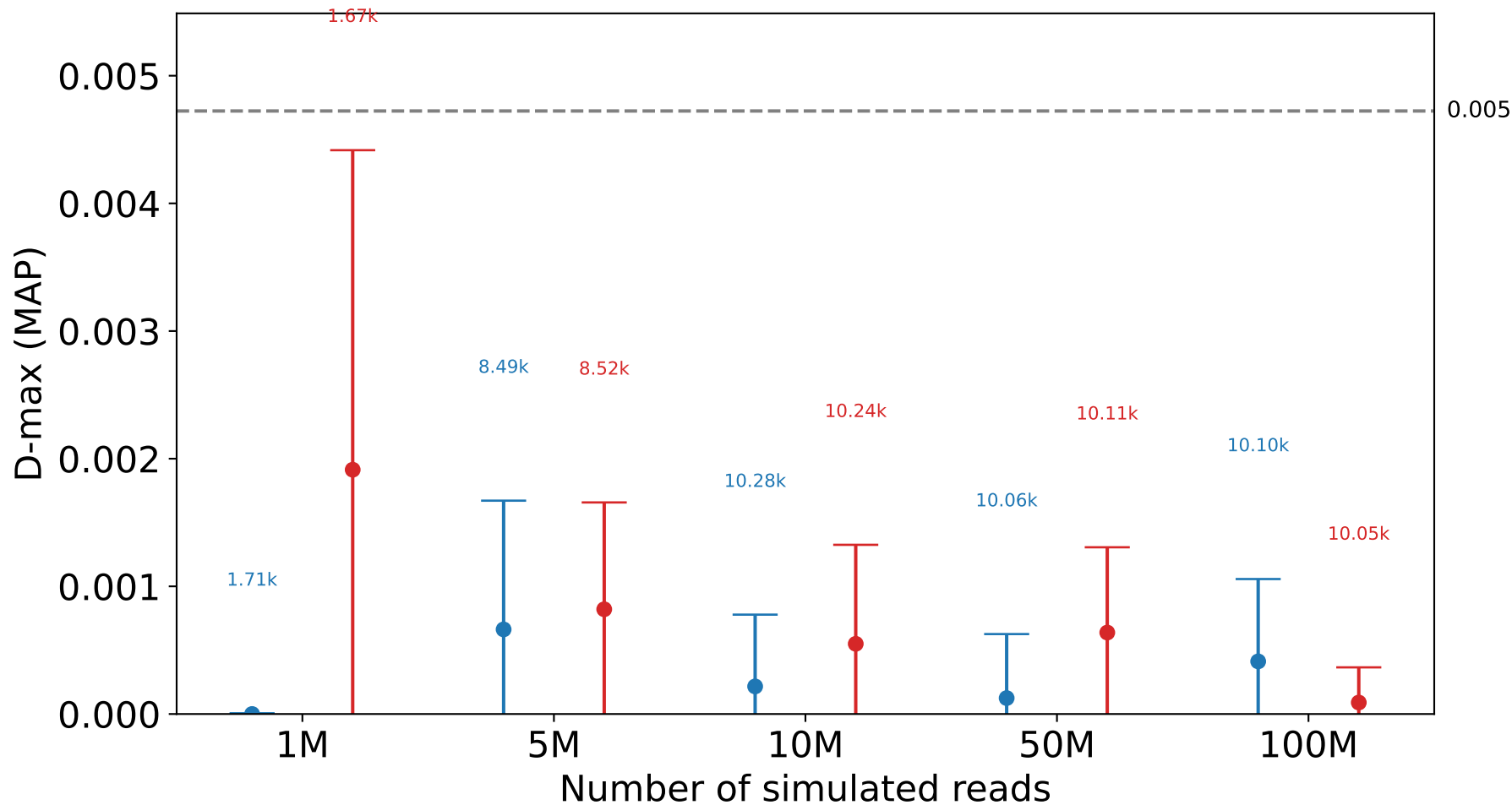
Only ancient: None

Lake-7-forward, Tax ID: 112417  
s\_\_CAIYRB01 sp903915625



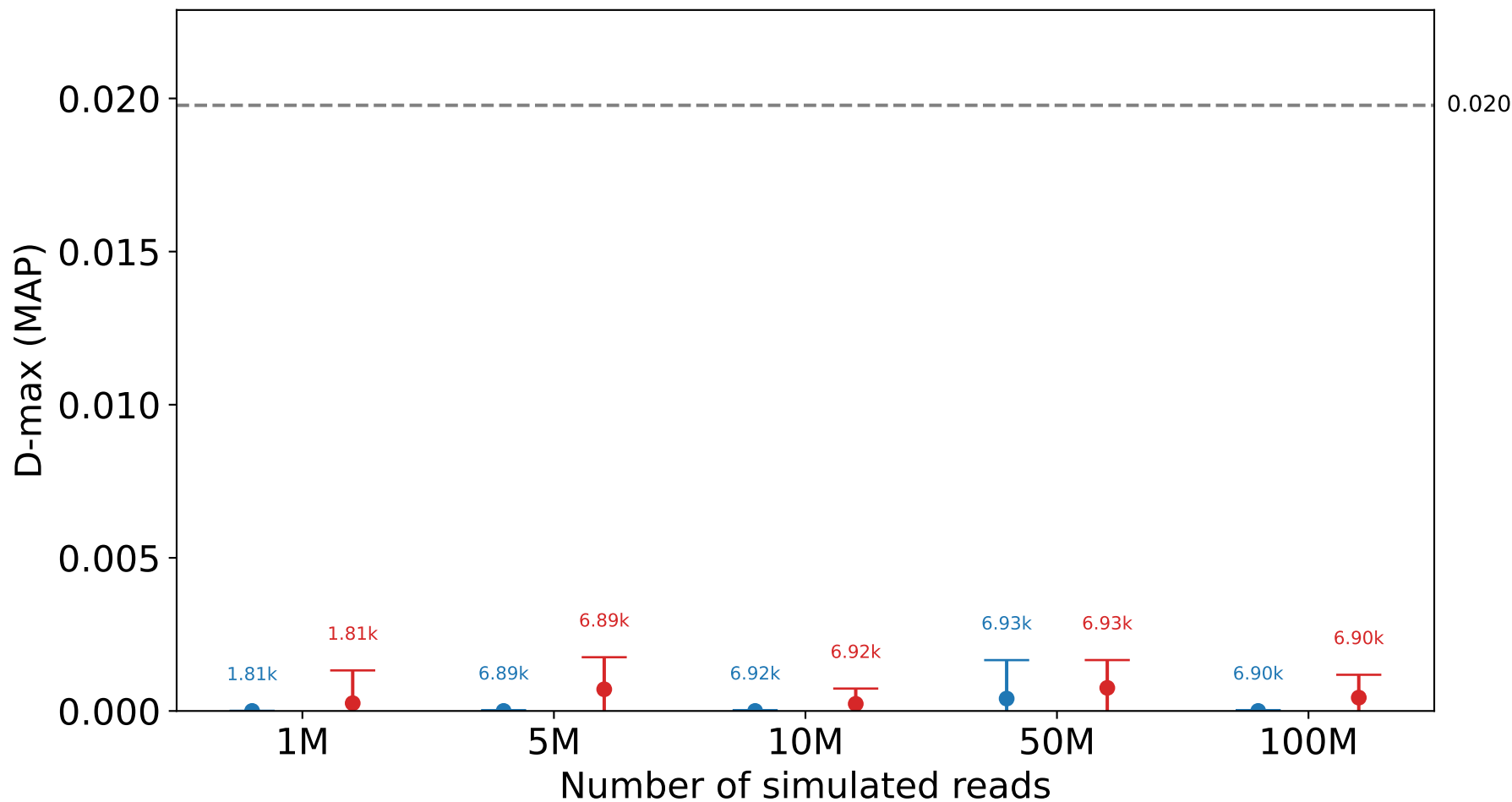
Only ancient: None

Lake-7-forward, Tax ID: 129137  
s\_\_Pseudomonas\_E fluorescens



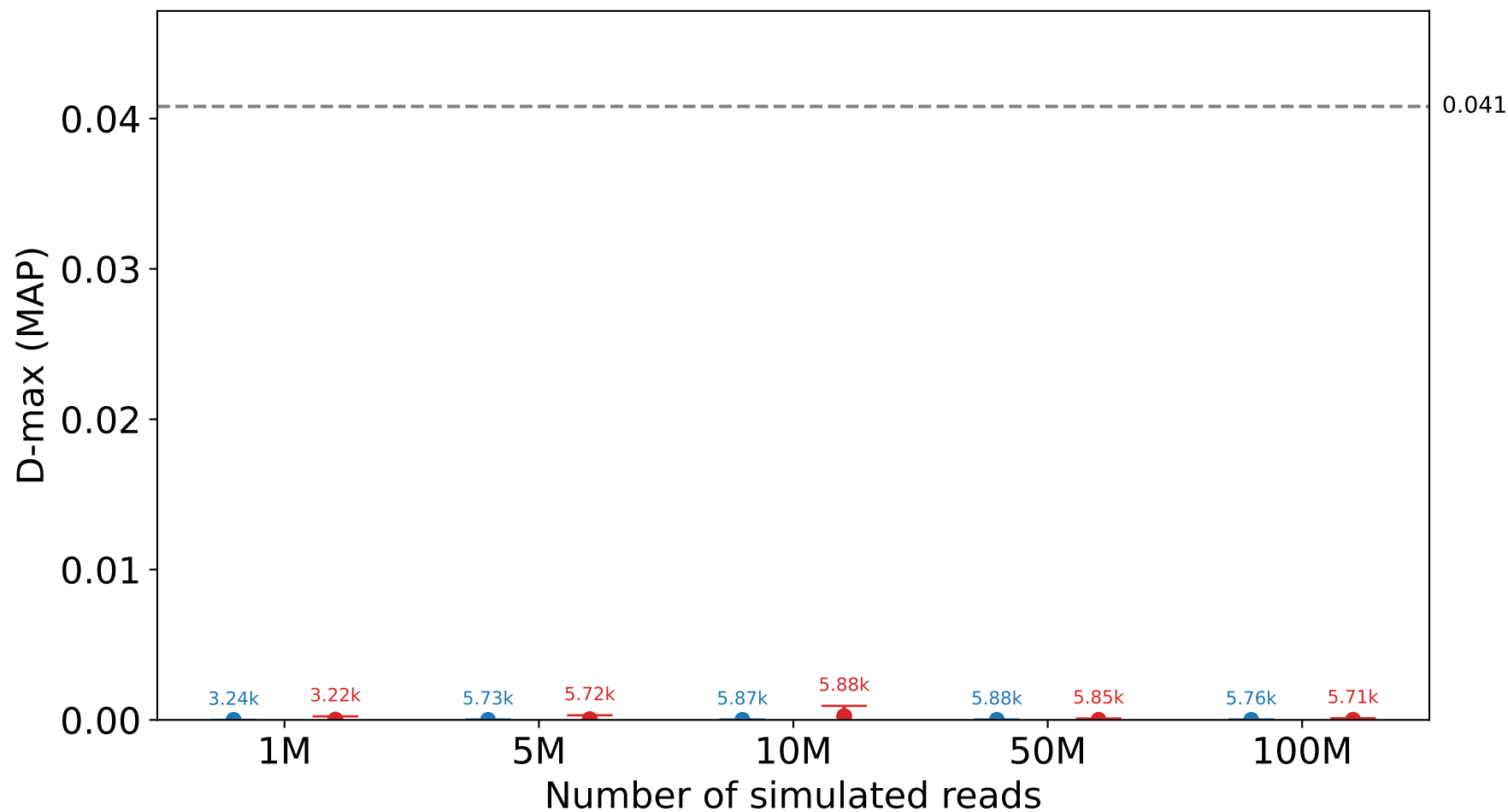
Only ancient: None

Lake-7-forward, Tax ID: 93776  
s\_\_QWOQ01 sp003669585



Only ancient: None

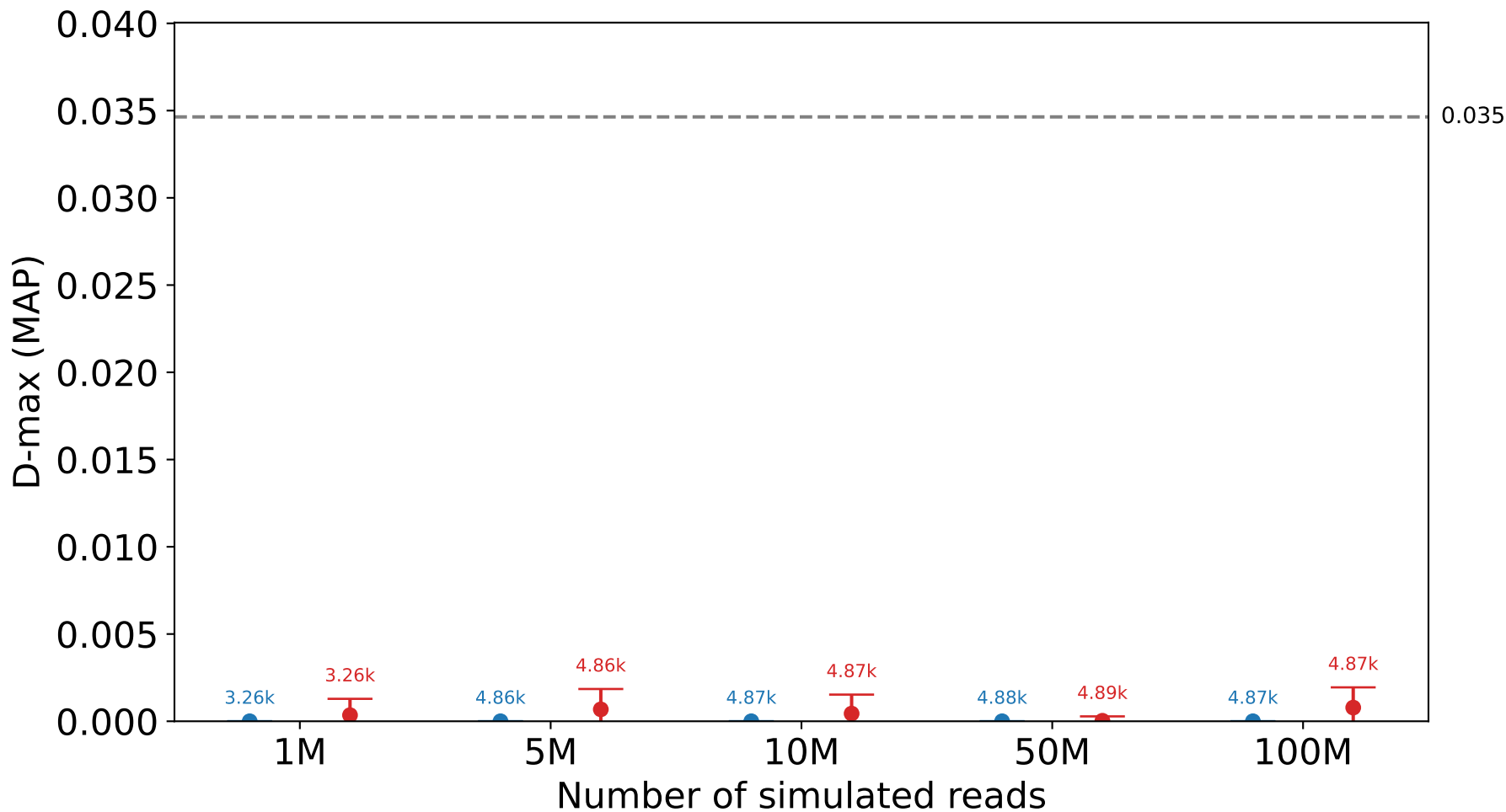
Lake-7-forward, Tax ID: 93790  
s\_\_BAIKAL-G1-2R sp003670915





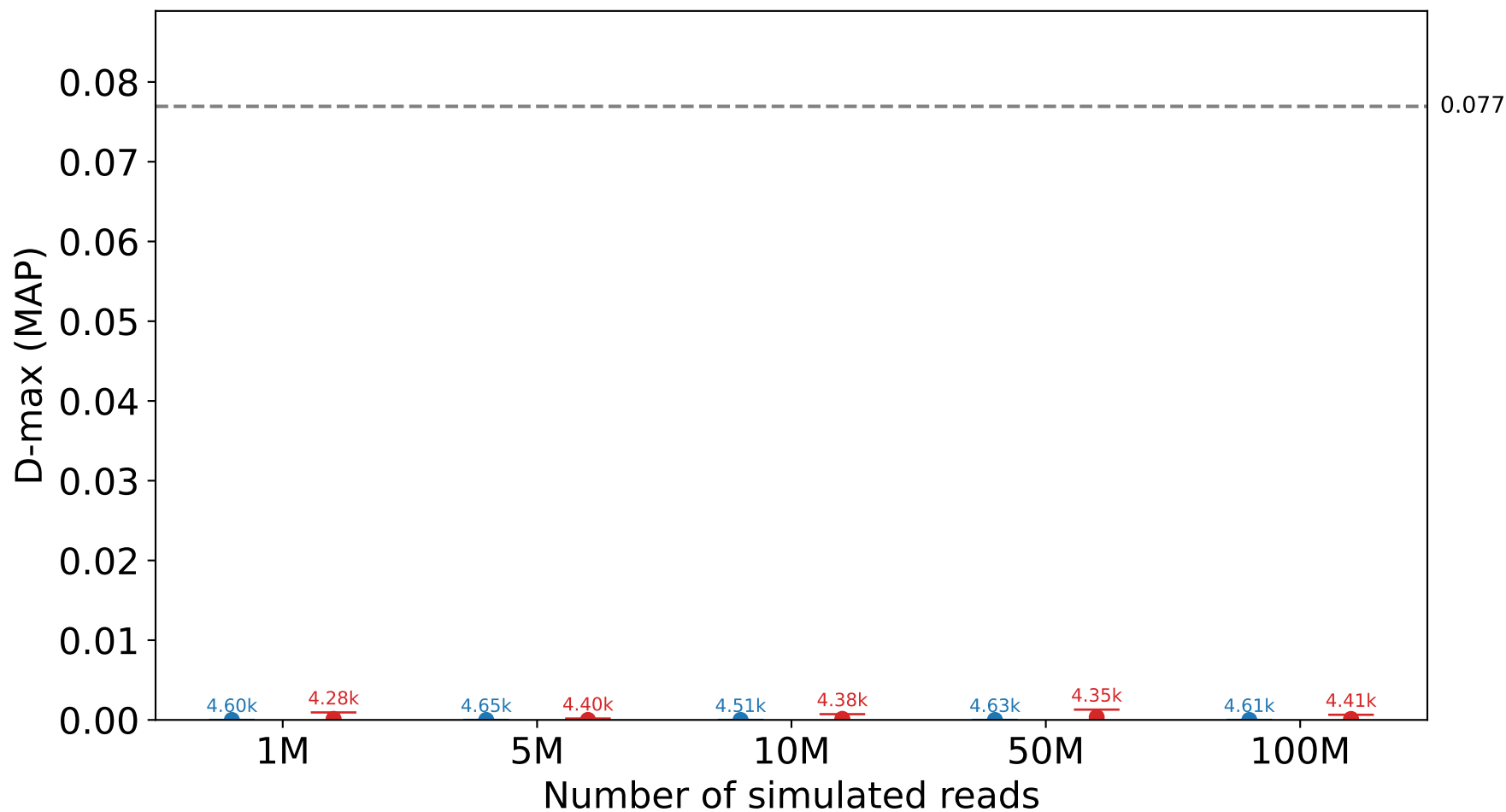
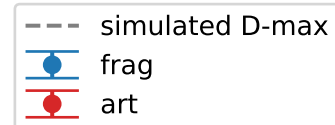
Only ancient: None

# Lake-7-forward, Tax ID: 83975 s\_\_SM1-50 sp002506745



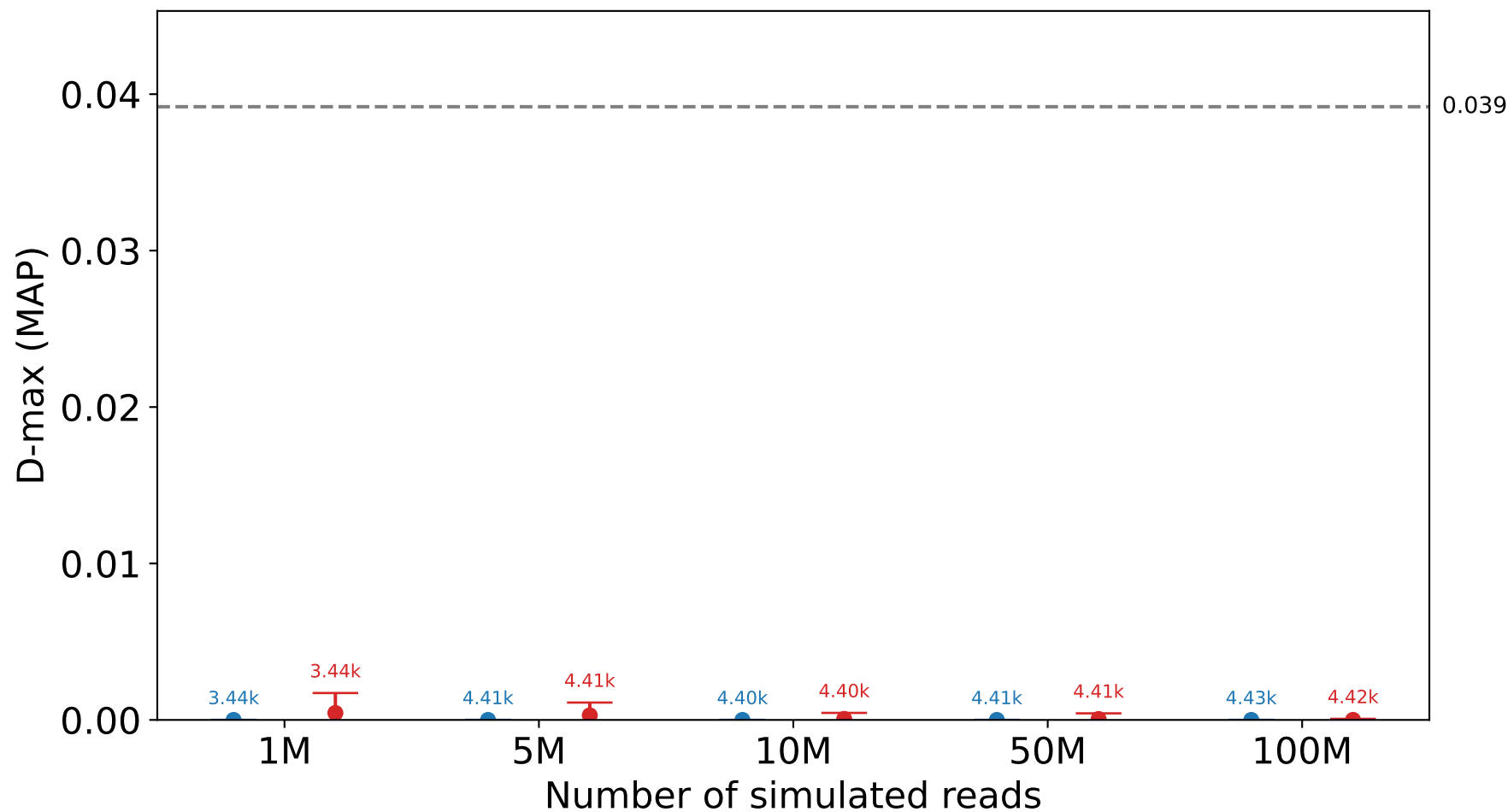
Only ancient: None

# Lake-7-forward, Tax ID: 150158 s\_\_Hippuris vulgaris



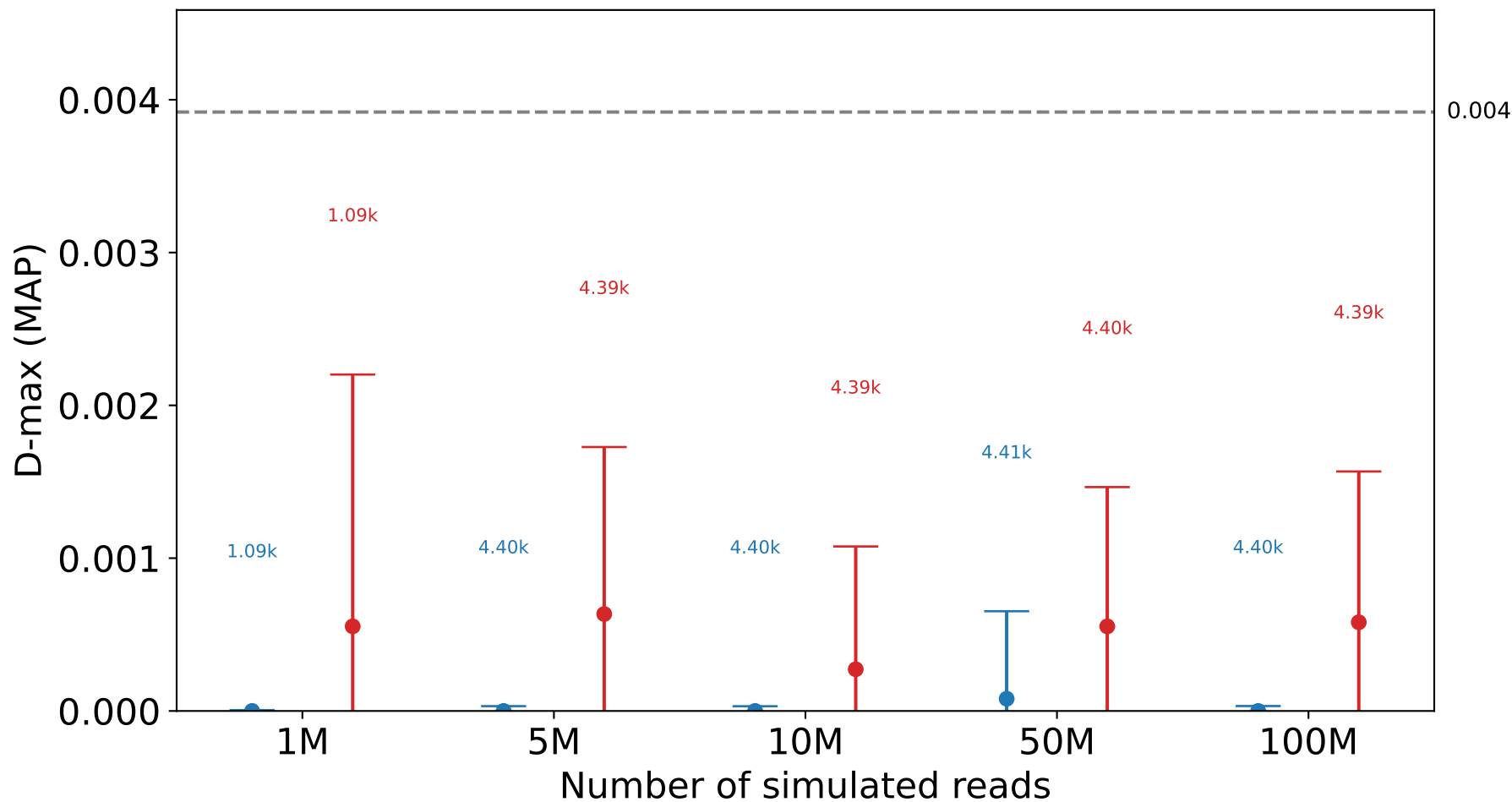
Only ancient: None

# Lake-7-forward, Tax ID: 80520 s\_\_UBA877 sp002294405



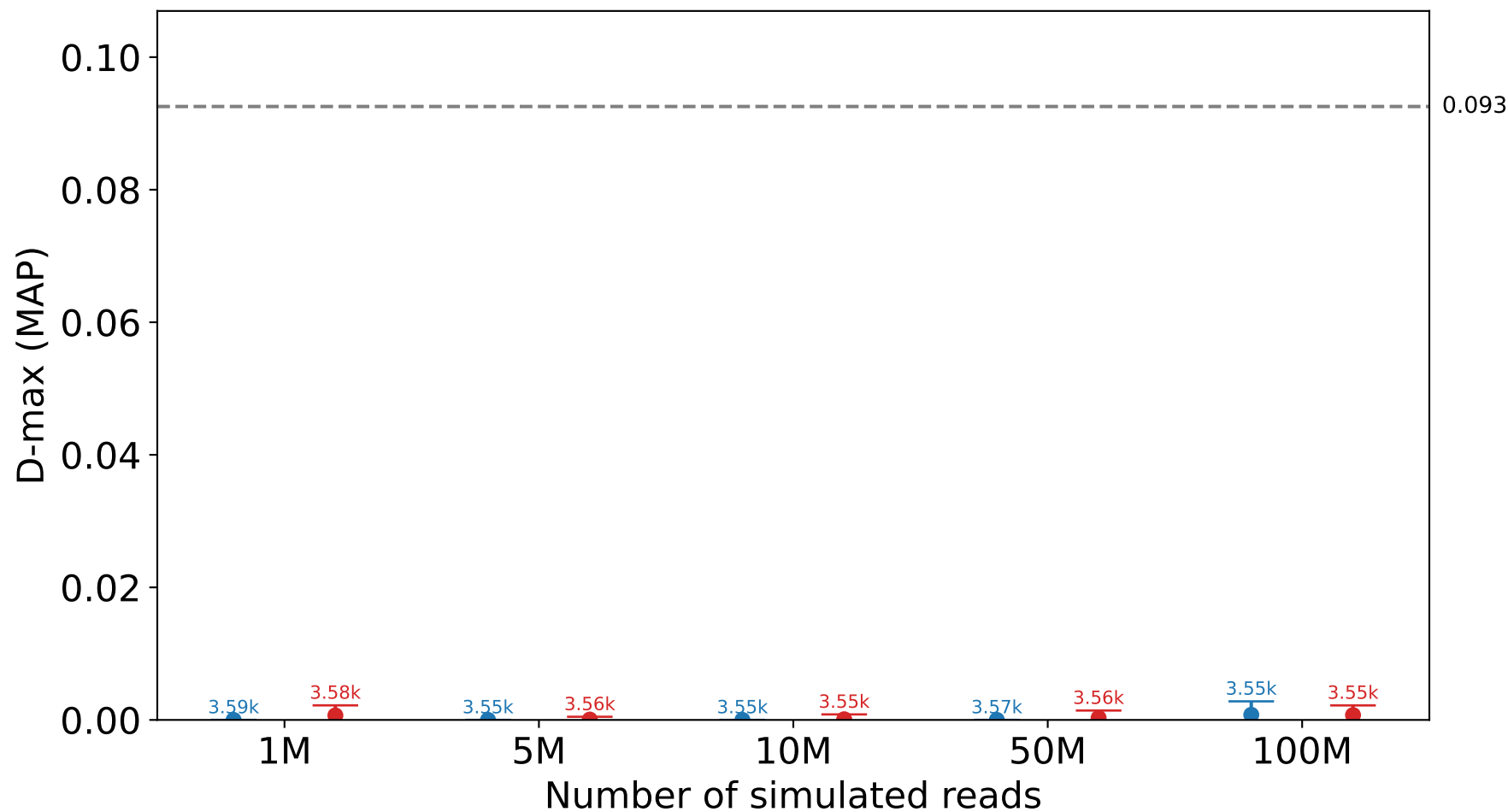
Only ancient: None

Lake-7-forward, Tax ID: 95743  
s\_\_Tardiphaga sp004173095



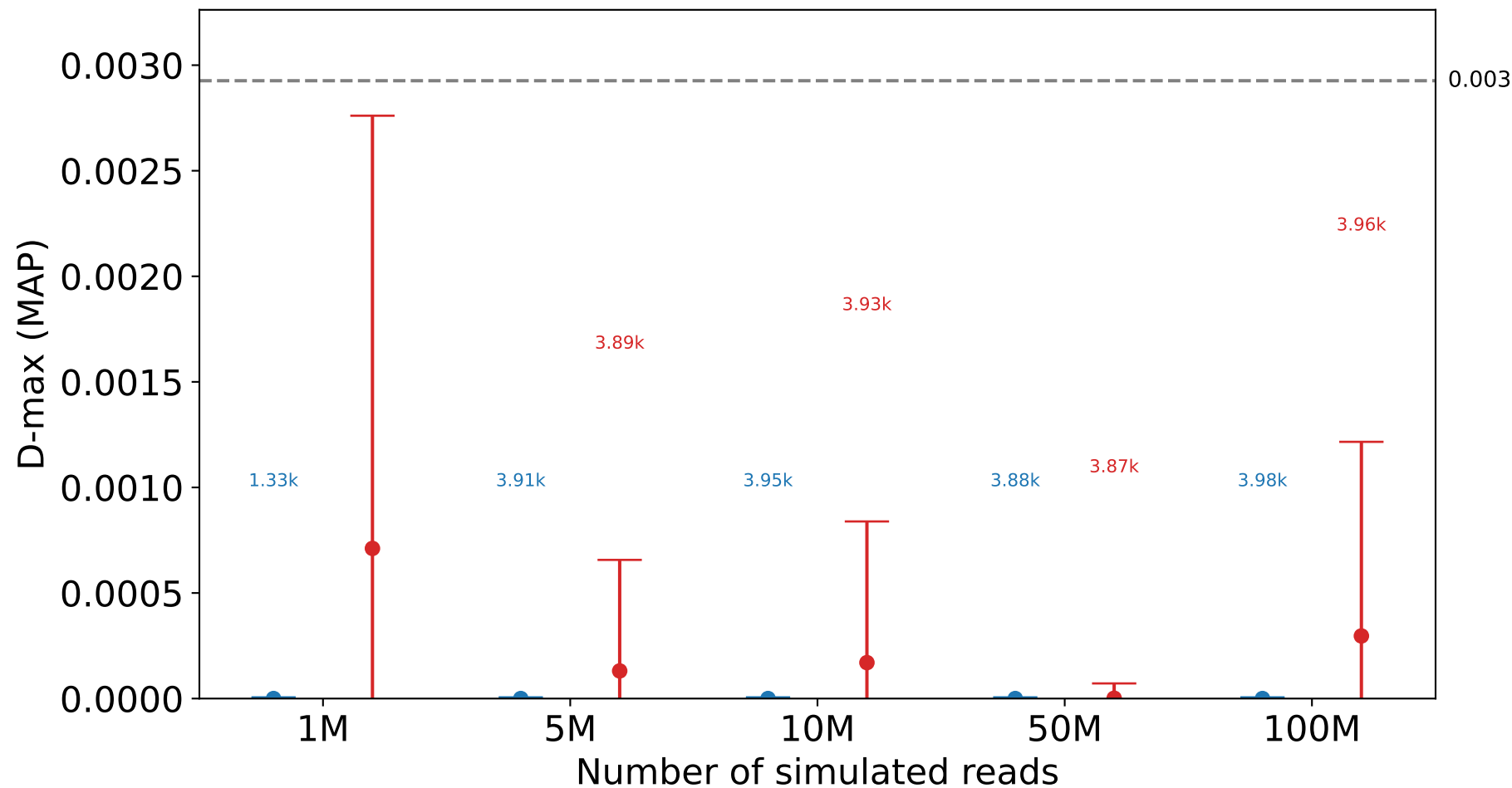
Only ancient: None

# Lake-7-forward, Tax ID: 135159 s\_\_Equisetum arvense



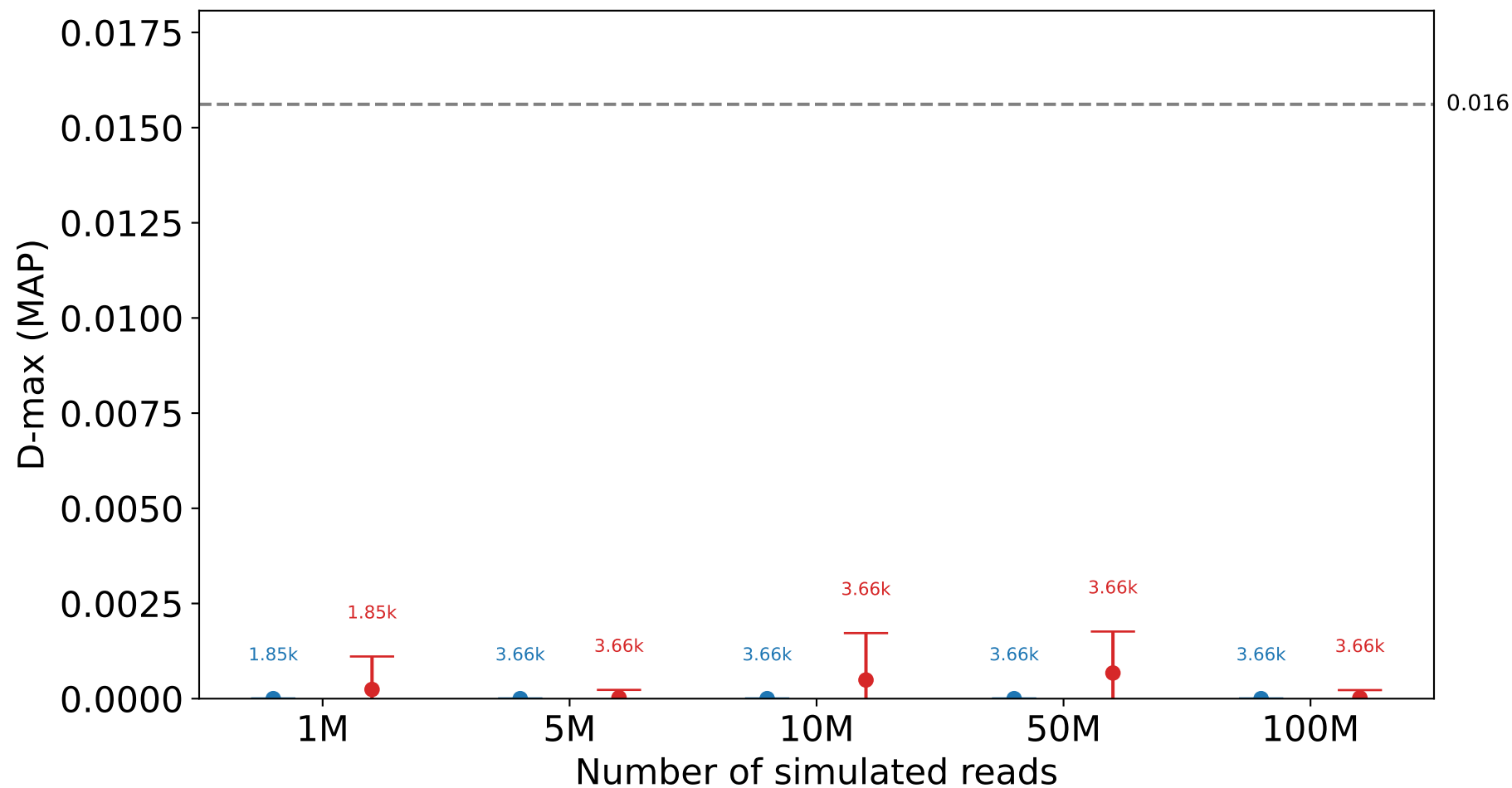
Only ancient: None

# Lake-7-forward, Tax ID: 89032 s\_\_Fen-1298 sp003142575



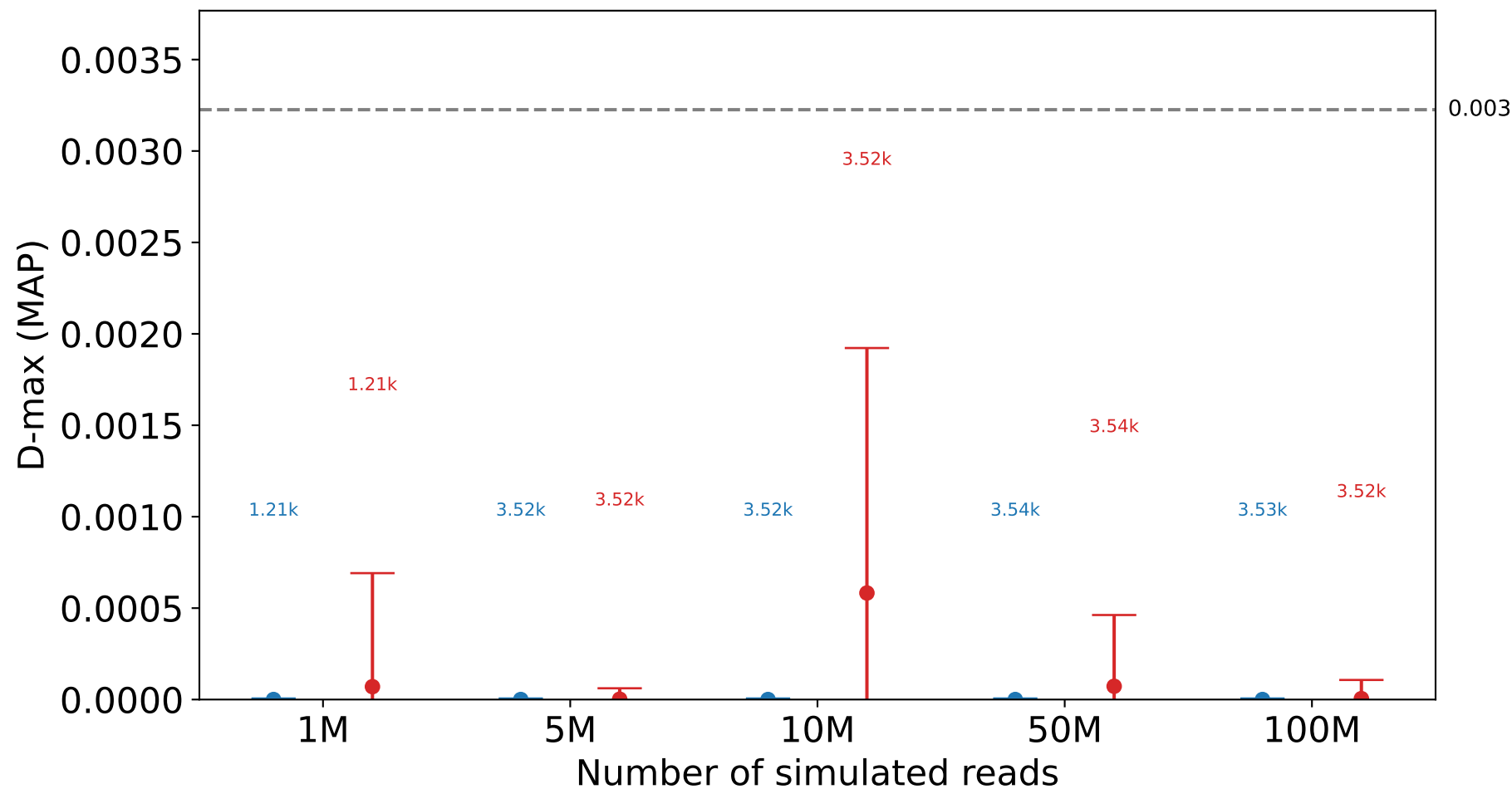
Only ancient: None

Lake-7-forward, Tax ID: 99054  
s\_SHZL01 sp009692275



Only ancient: None

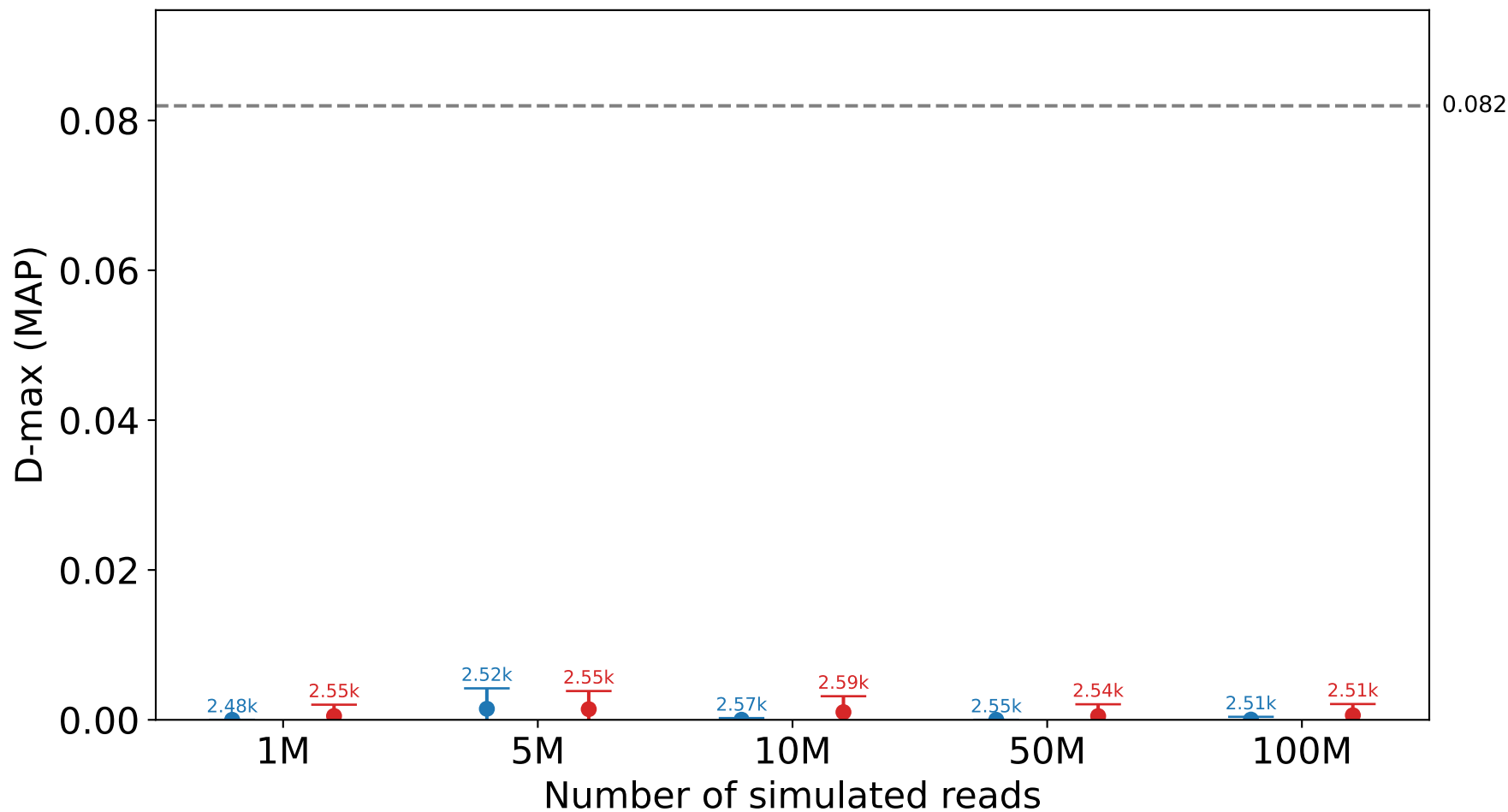
Lake-7-forward, Tax ID: 88988  
s\_\_UBA5619 sp003141195





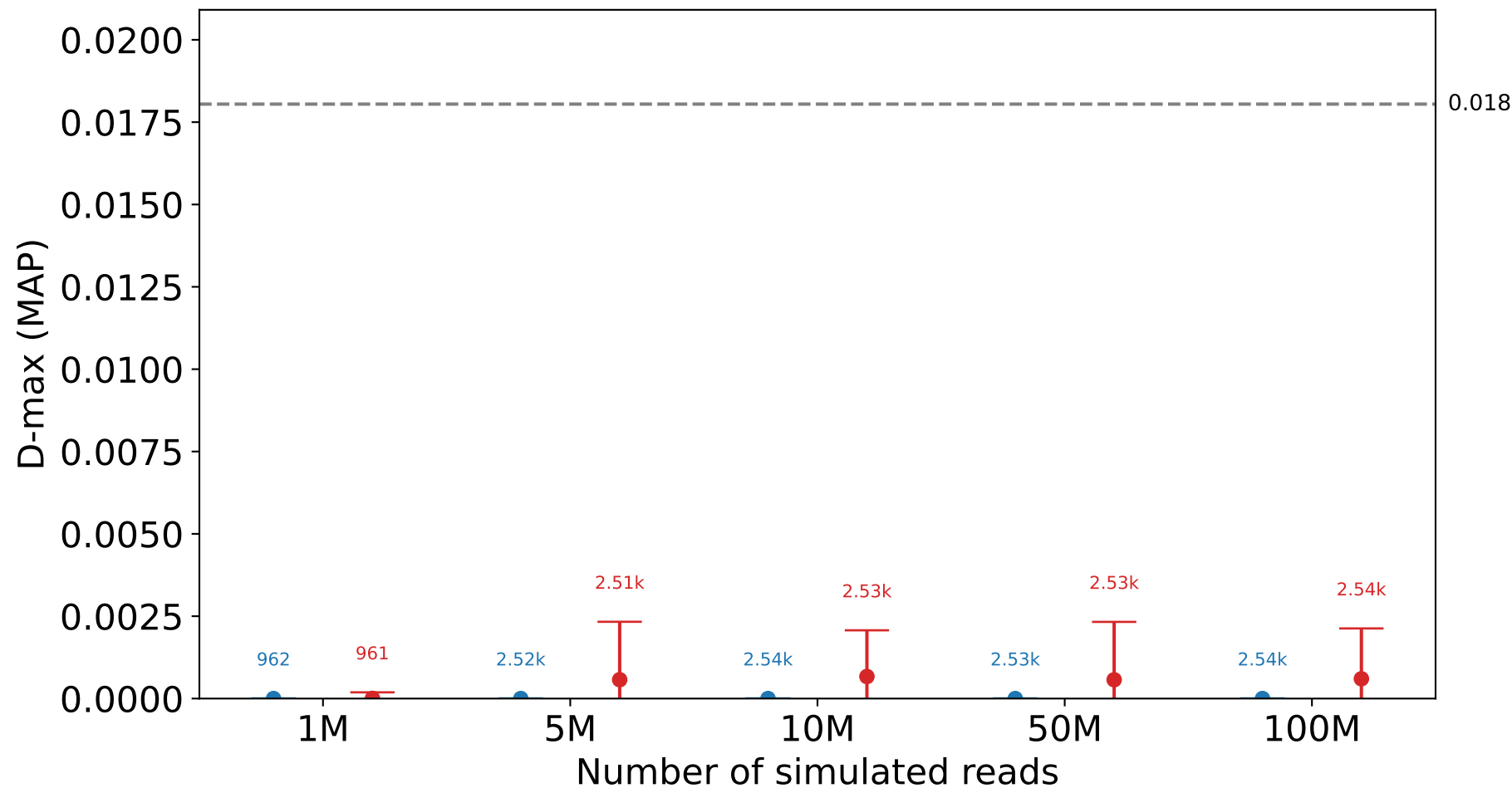
Only ancient: None

Lake-7-forward, Tax ID: 140069  
*s\_Potamogeton perfoliatus*



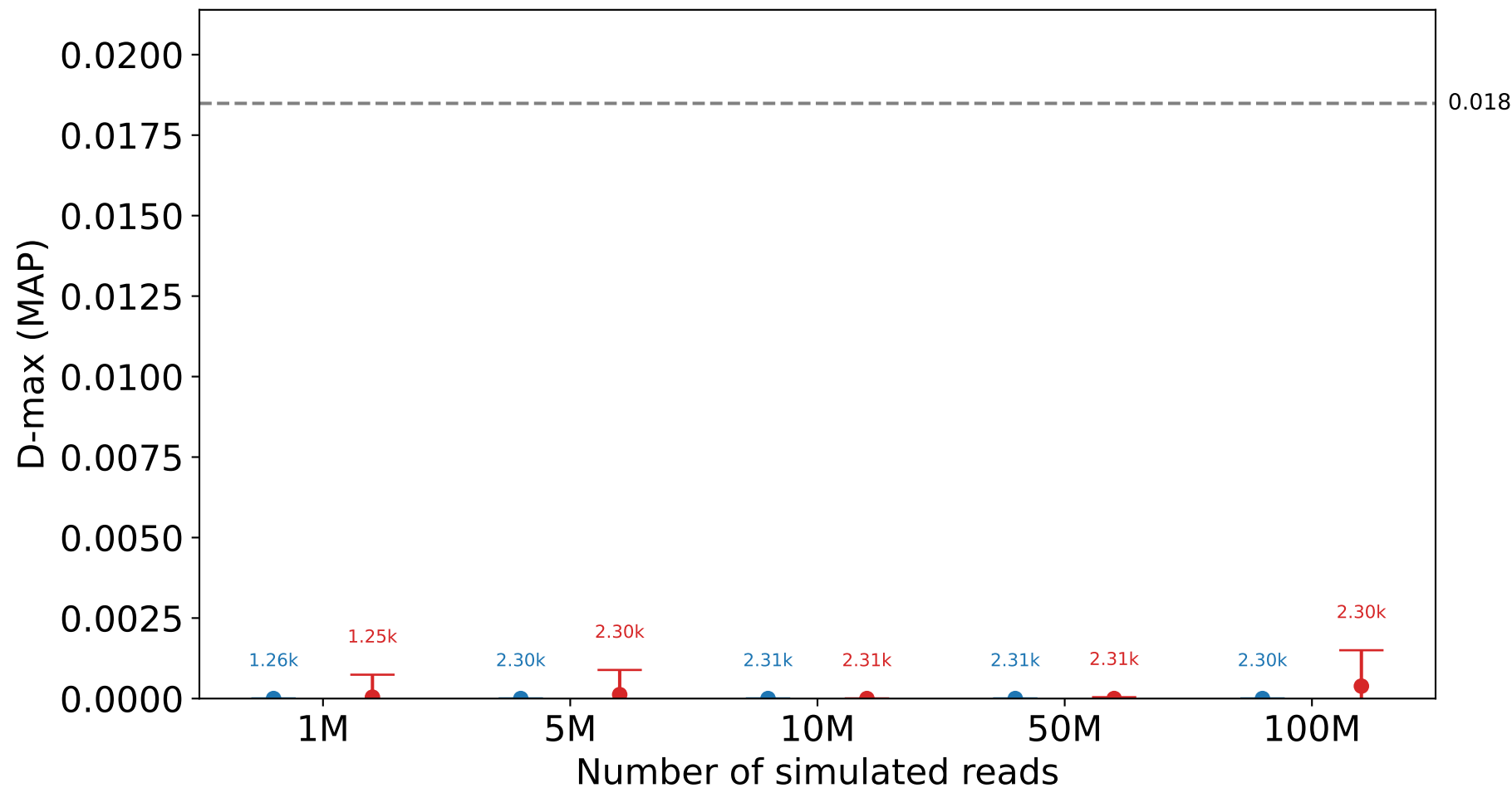
Only ancient: None

# Lake-7-forward, Tax ID: 80870 s\_\_UBA4810 sp002479215



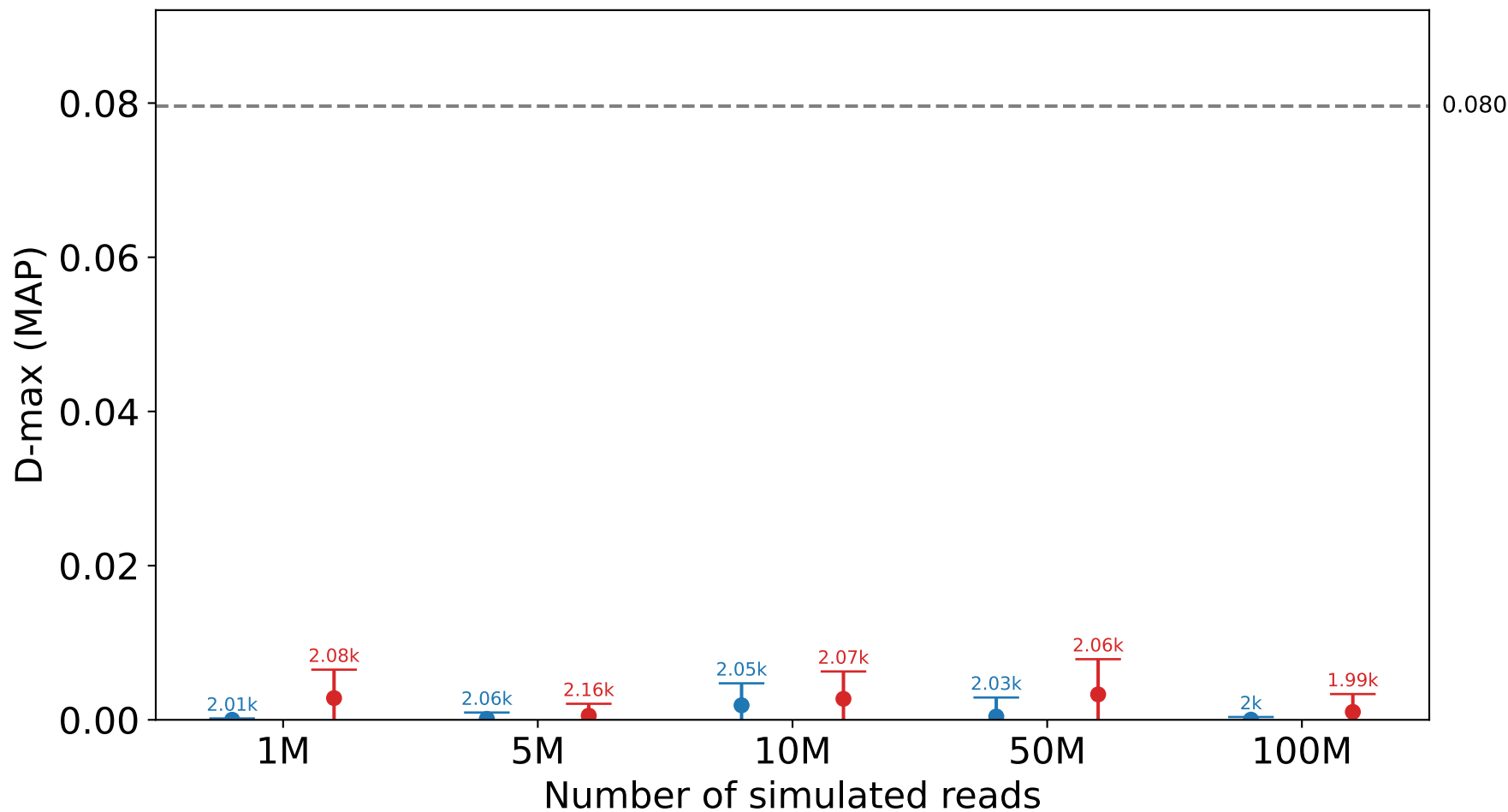
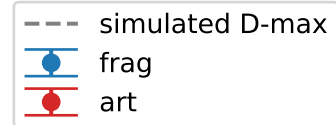
Only ancient: None

# Lake-7-forward, Tax ID: 93772 s\_\_QWPN01 sp003669255



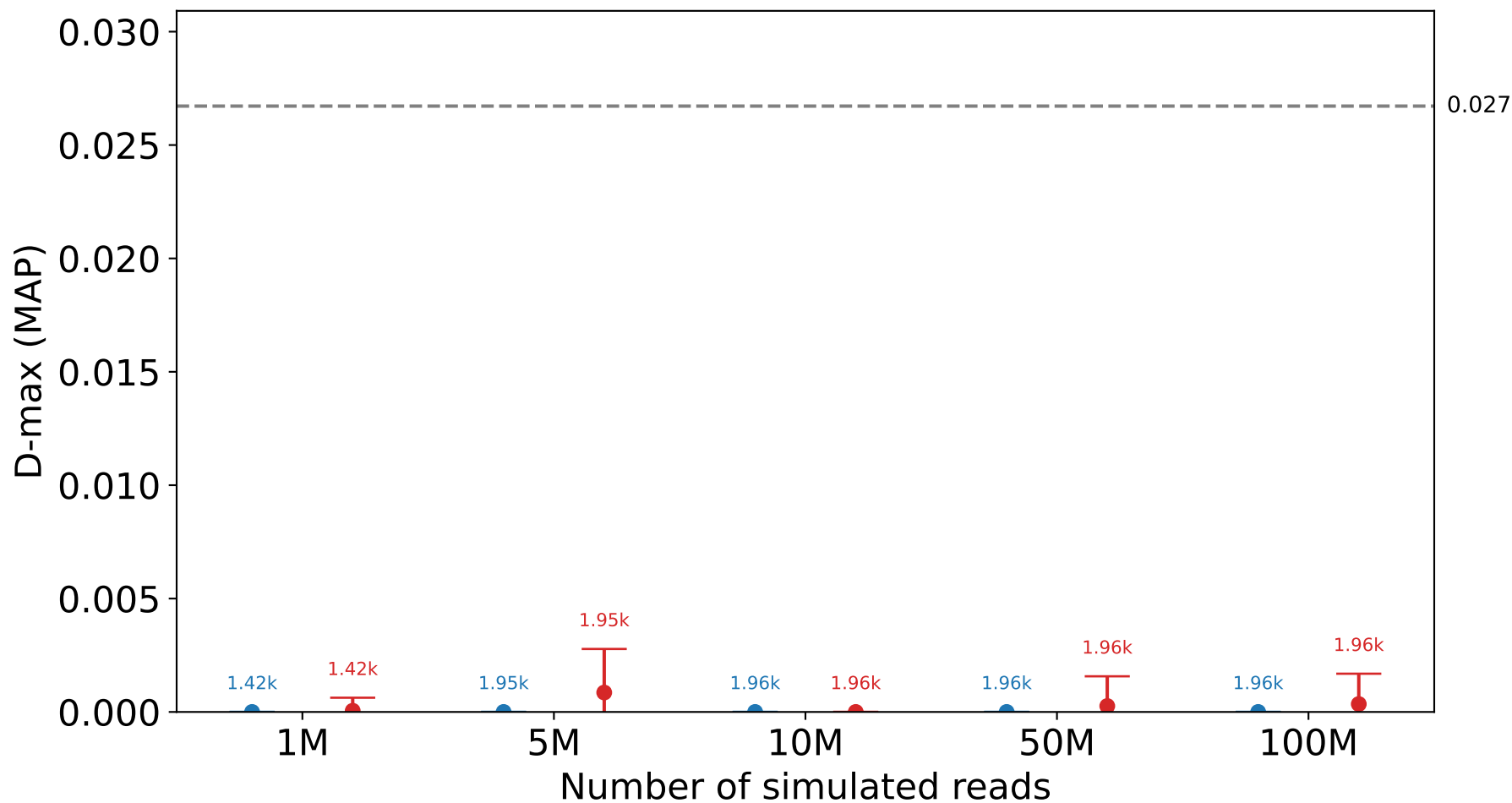
Only ancient: None

Lake-7-forward, Tax ID: 151029  
s\_\_*Stuckenia pectinata*



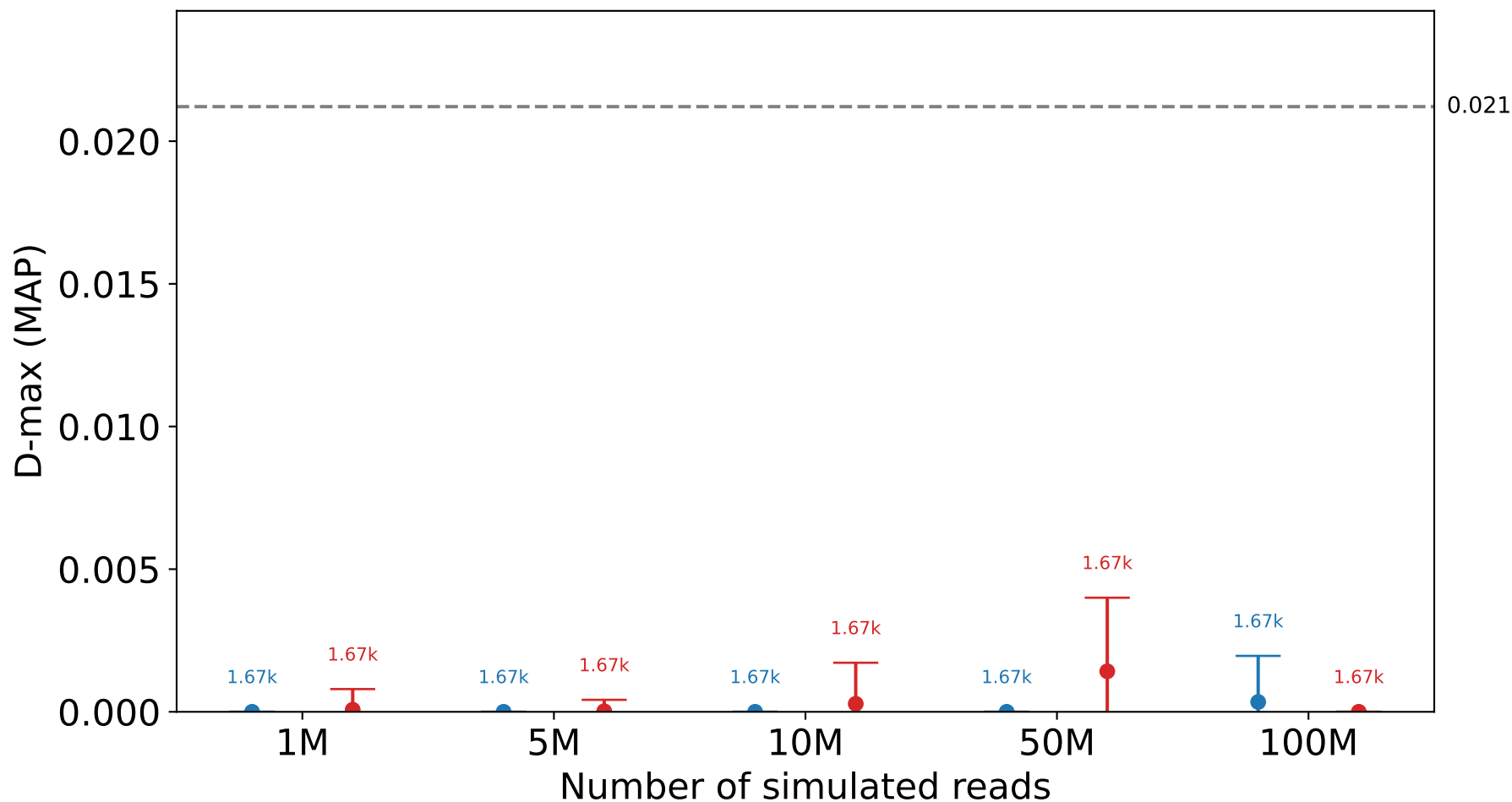
Only ancient: None

Lake-7-forward, Tax ID: 80435  
s\_Rickettsiella\_A sp002290645



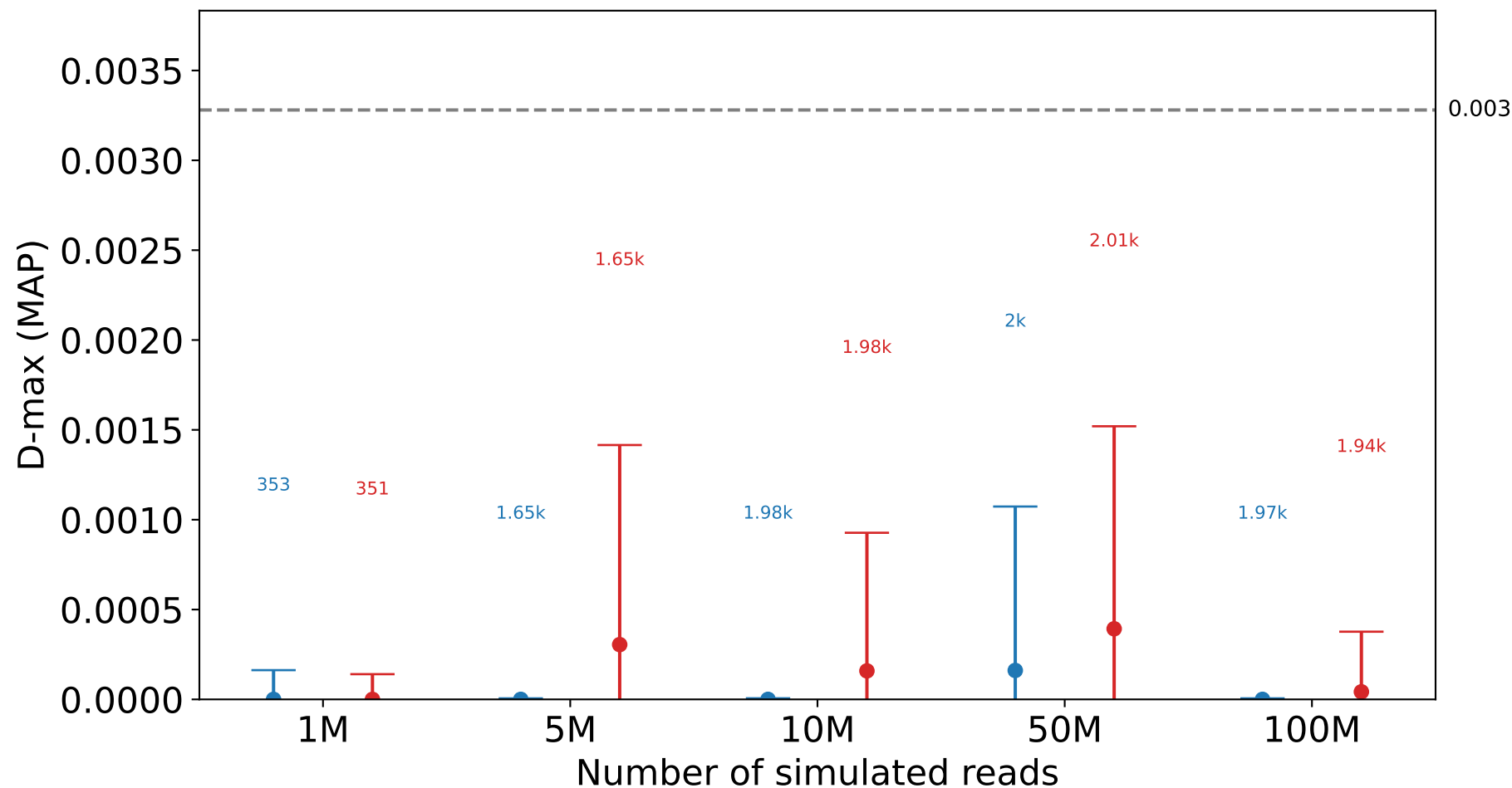
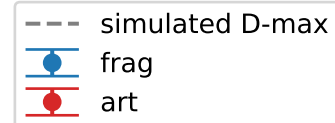
Only ancient: None

# Lake-7-forward, Tax ID: 140062 s\_Scherffelia dubia



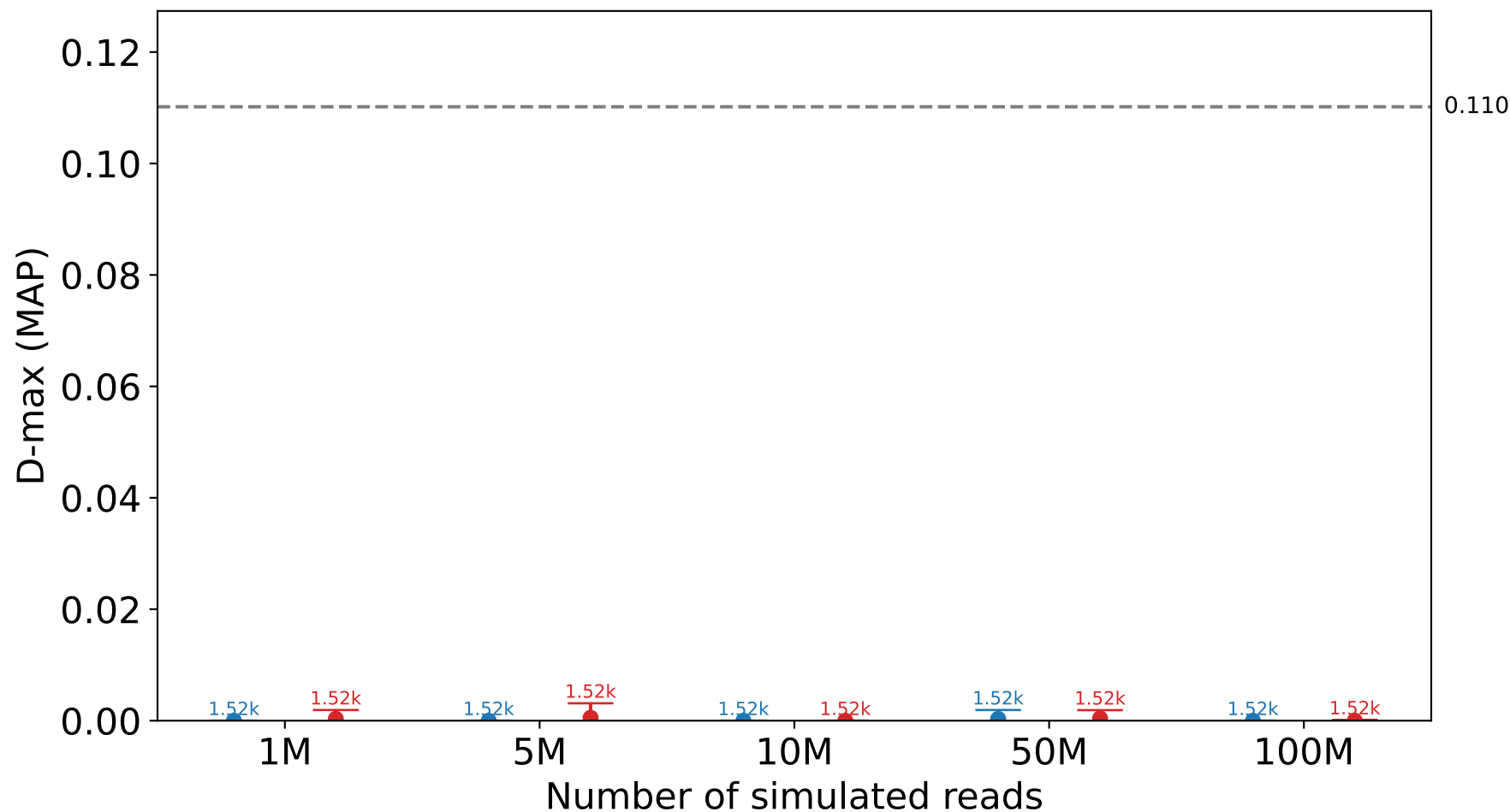
Only ancient: None

# Lake-7-forward, Tax ID: 120369 s\_Janthinobacterium svalbardensis



Only ancient: None

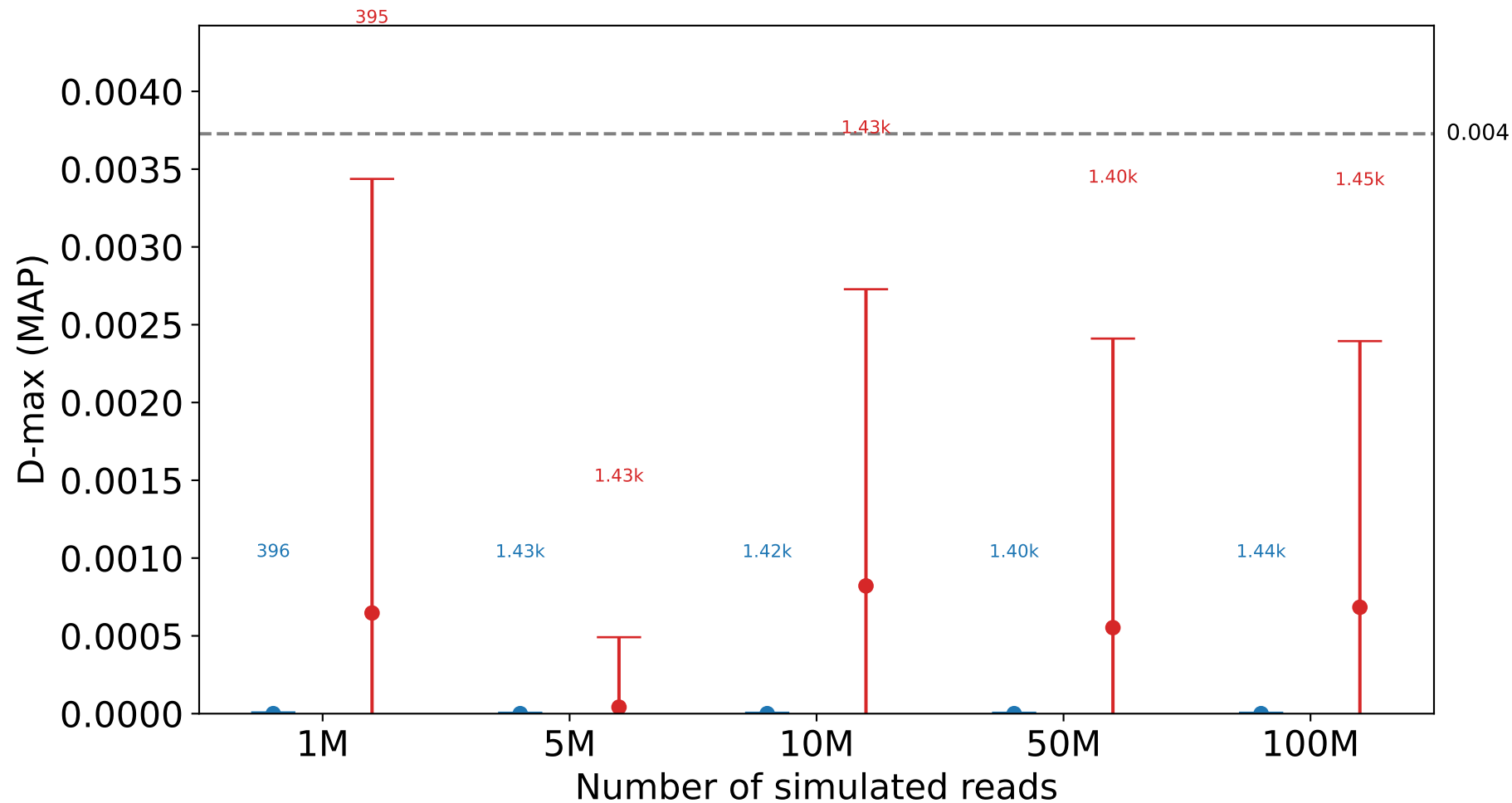
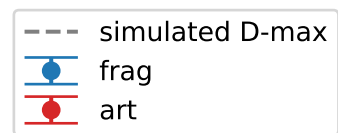
Lake-7-forward, Tax ID: 111037  
s\_CAIBN01 sp903825675





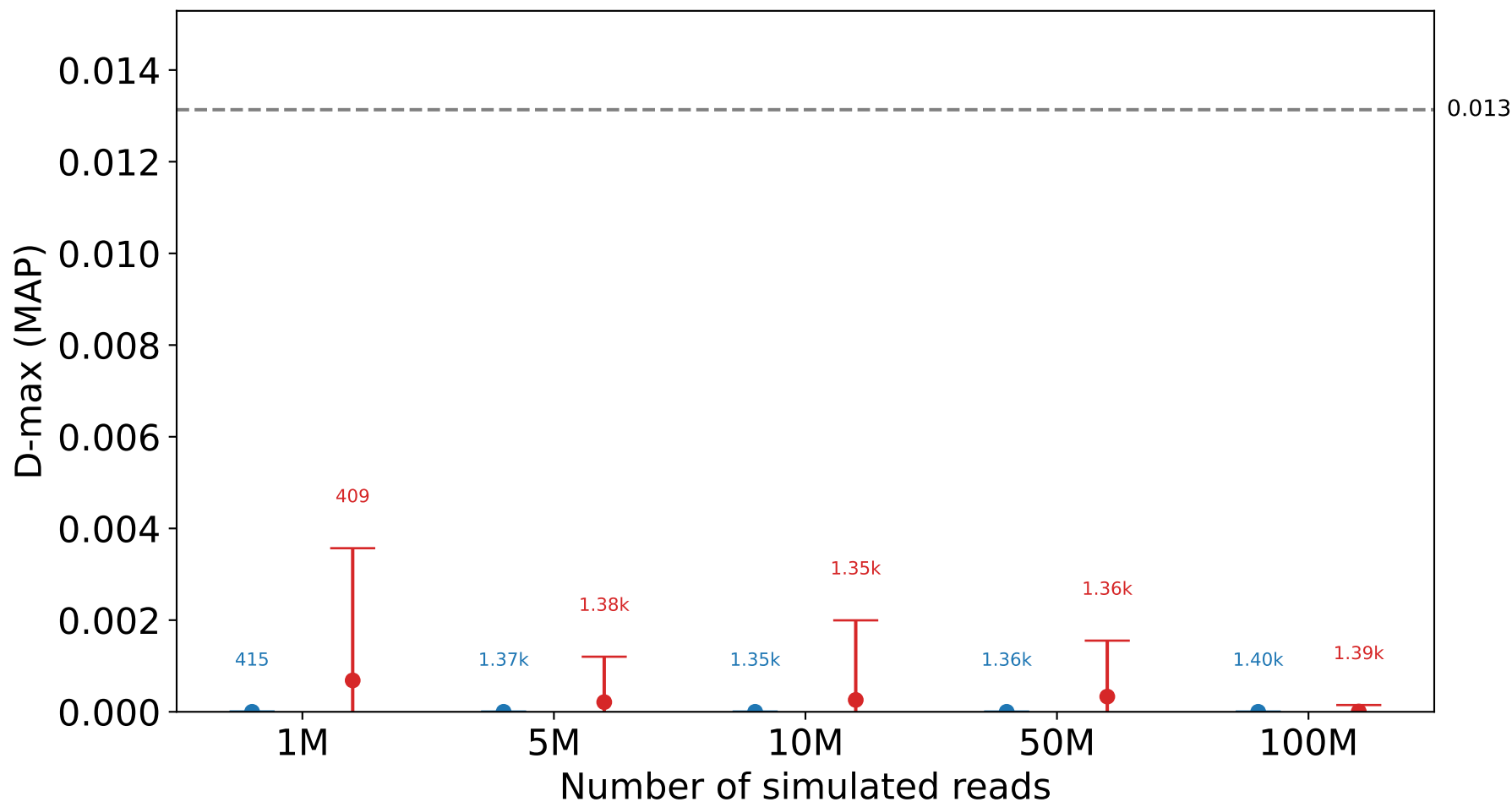
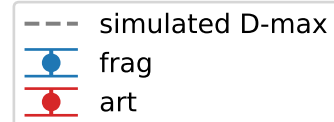
Only ancient: None

Lake-7-forward, Tax ID: 111224  
s\_\_Novosphingobium sp903834285



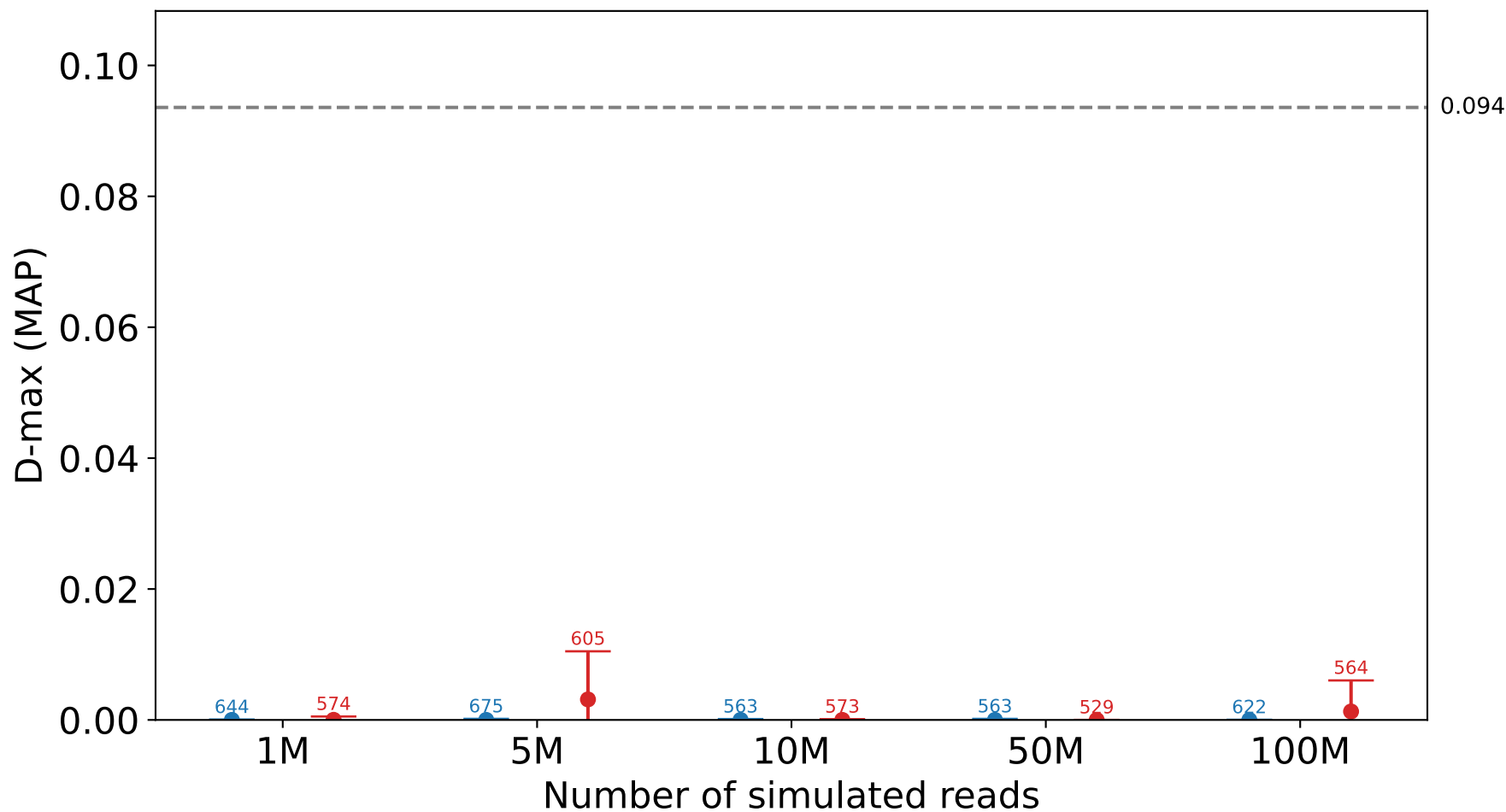
Only ancient: None

# Lake-7-forward, Tax ID: 97963 s\_\_Bradyrhizobium sp005884465



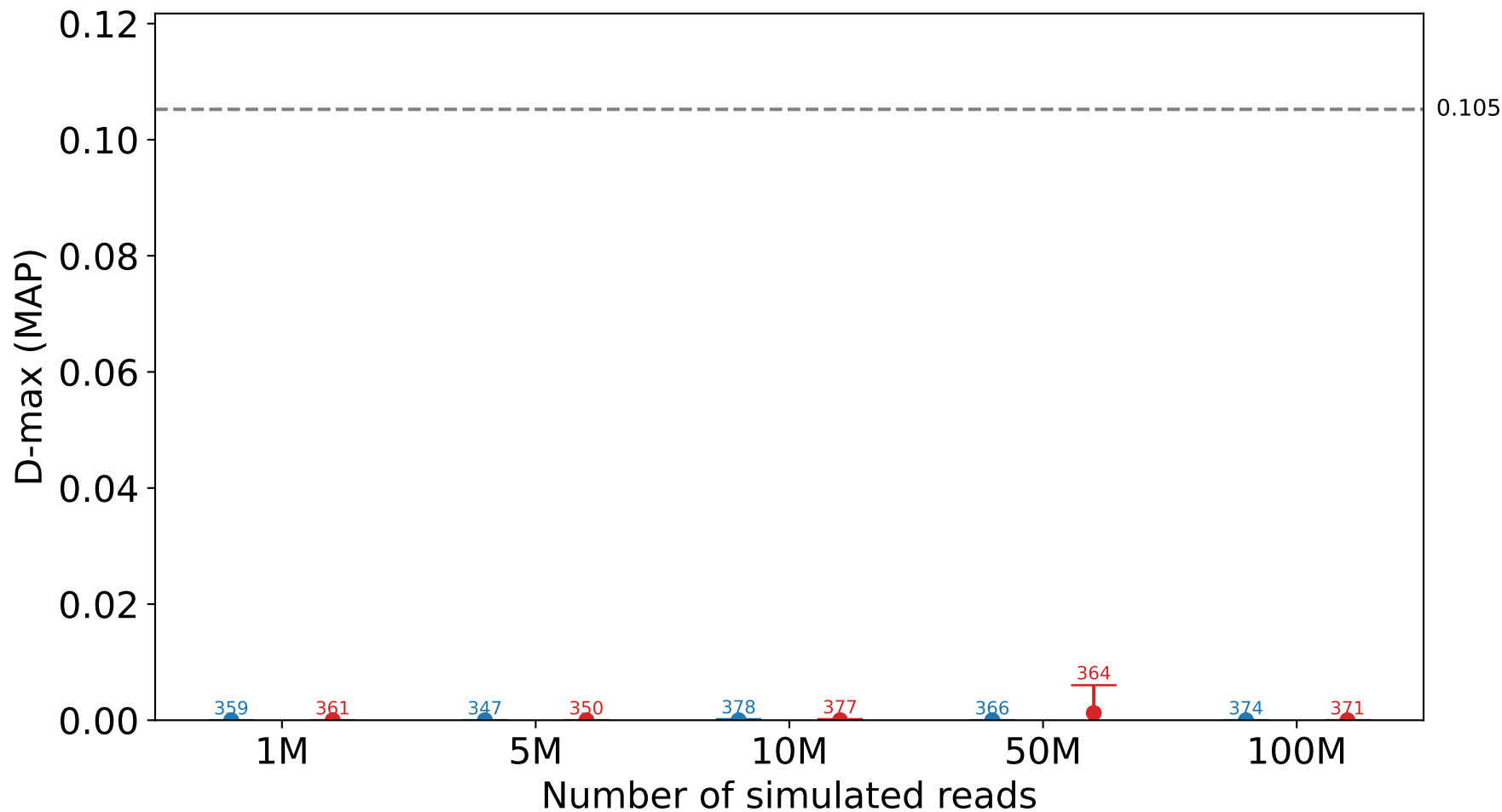
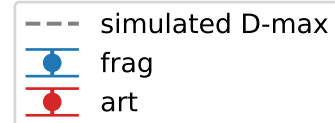
Only ancient: None

# Lake-7-forward, Tax ID: 145227 s\_\_Menyanthes trifoliata



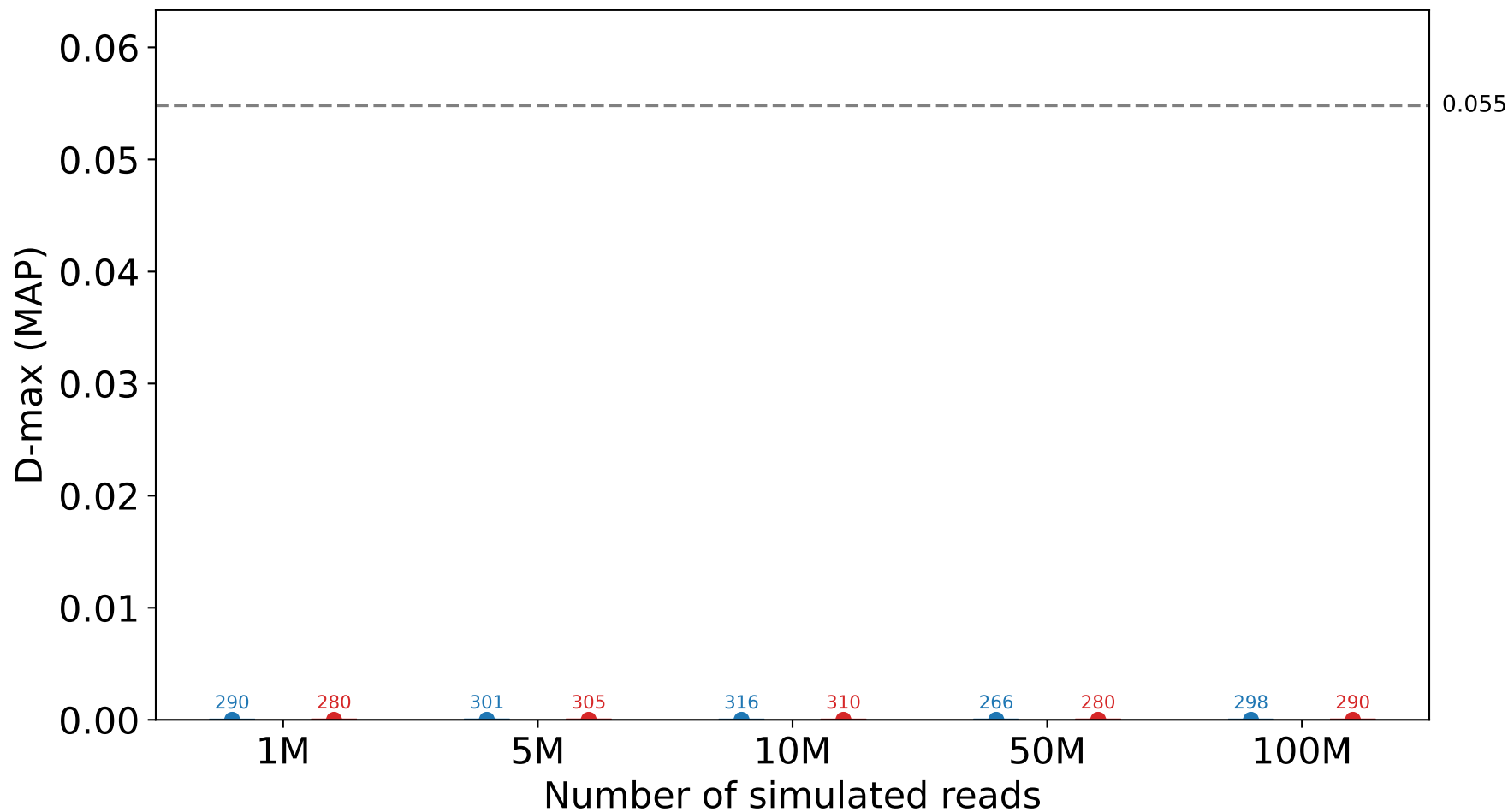
Only ancient: None

# Lake-7-forward, Tax ID: 142347 s\_\_Fragaria orientalis



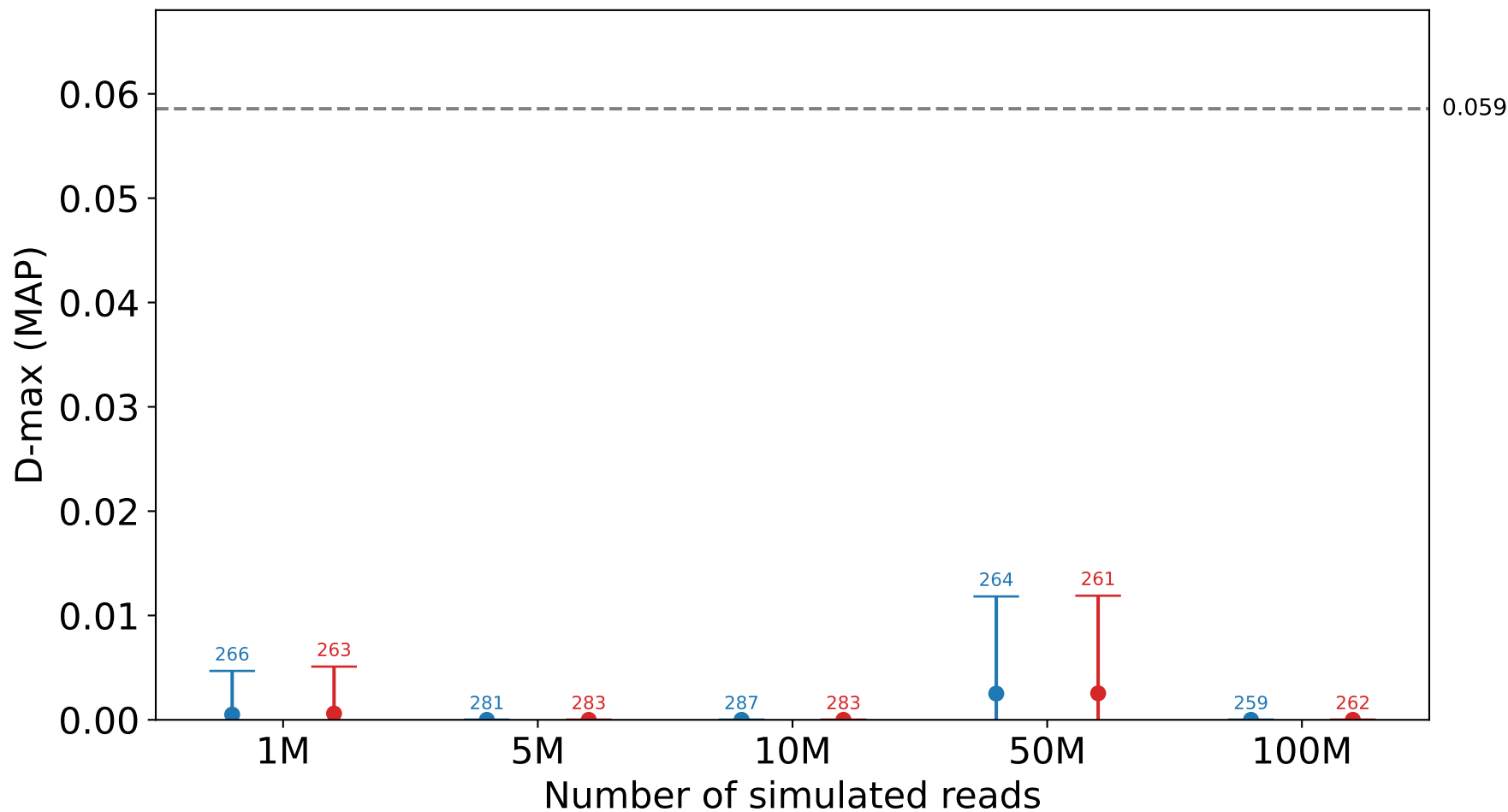
Only ancient: None

# Lake-7-forward, Tax ID: 145228 s\_\_Fagus sylvatica



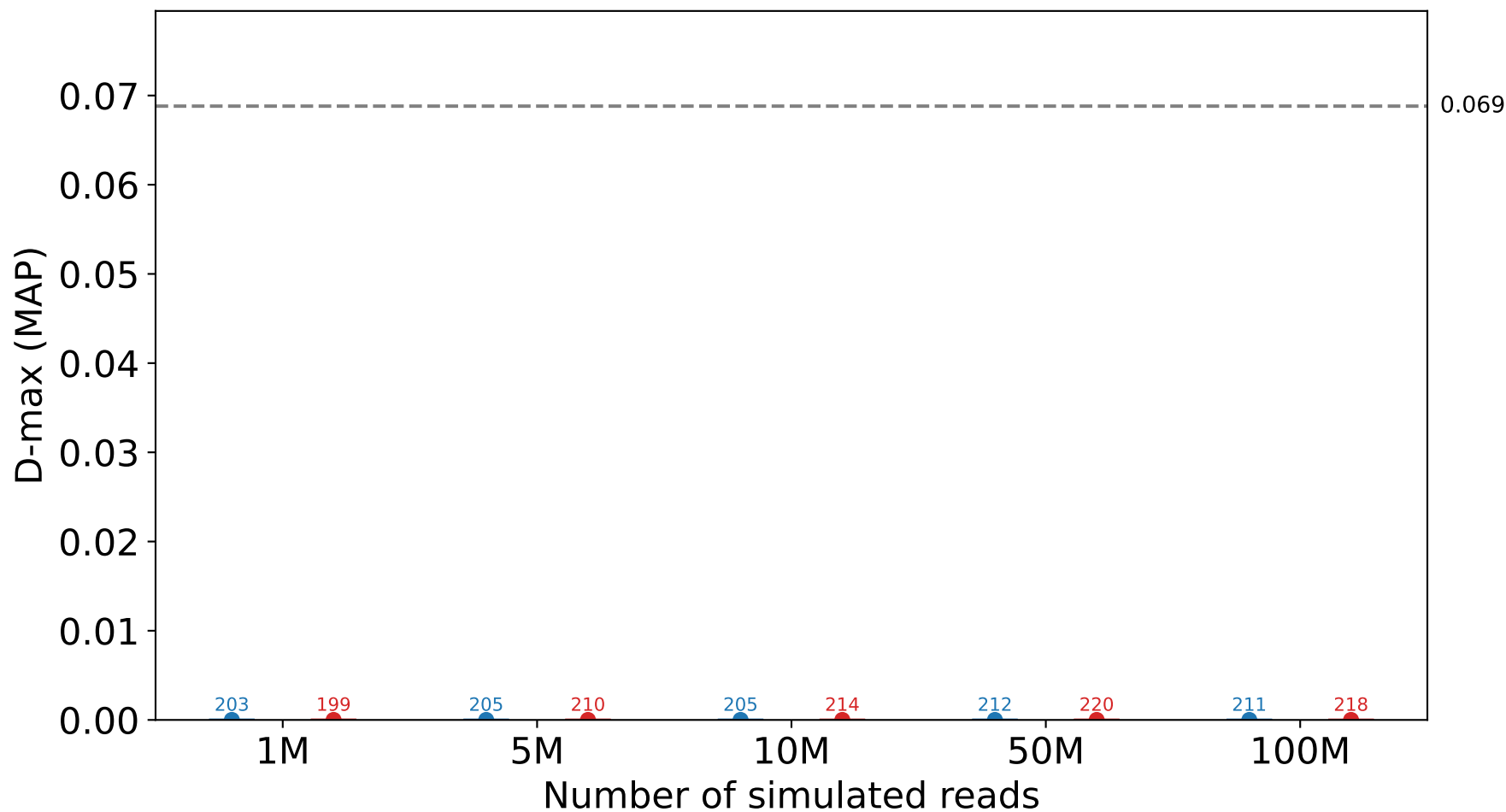
Only ancient: None

Lake-7-forward, Tax ID: 142780  
s\_\_Carex neurocarpa



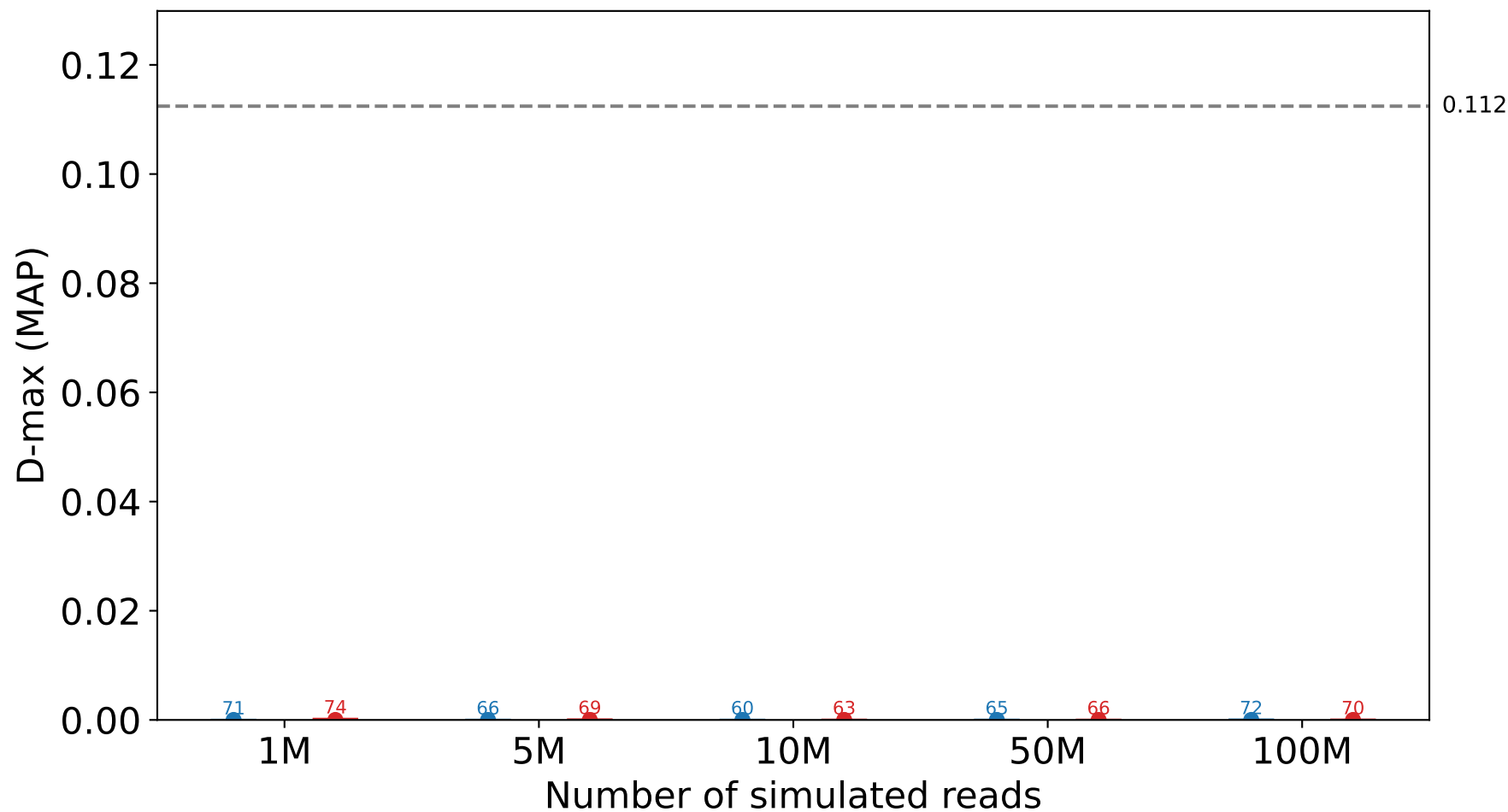
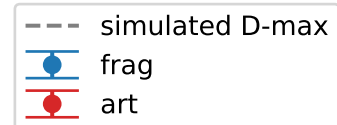
Only ancient: None

Lake-7-forward, Tax ID: 143568  
s\_Nothotsuga longibracteata



Only ancient: None

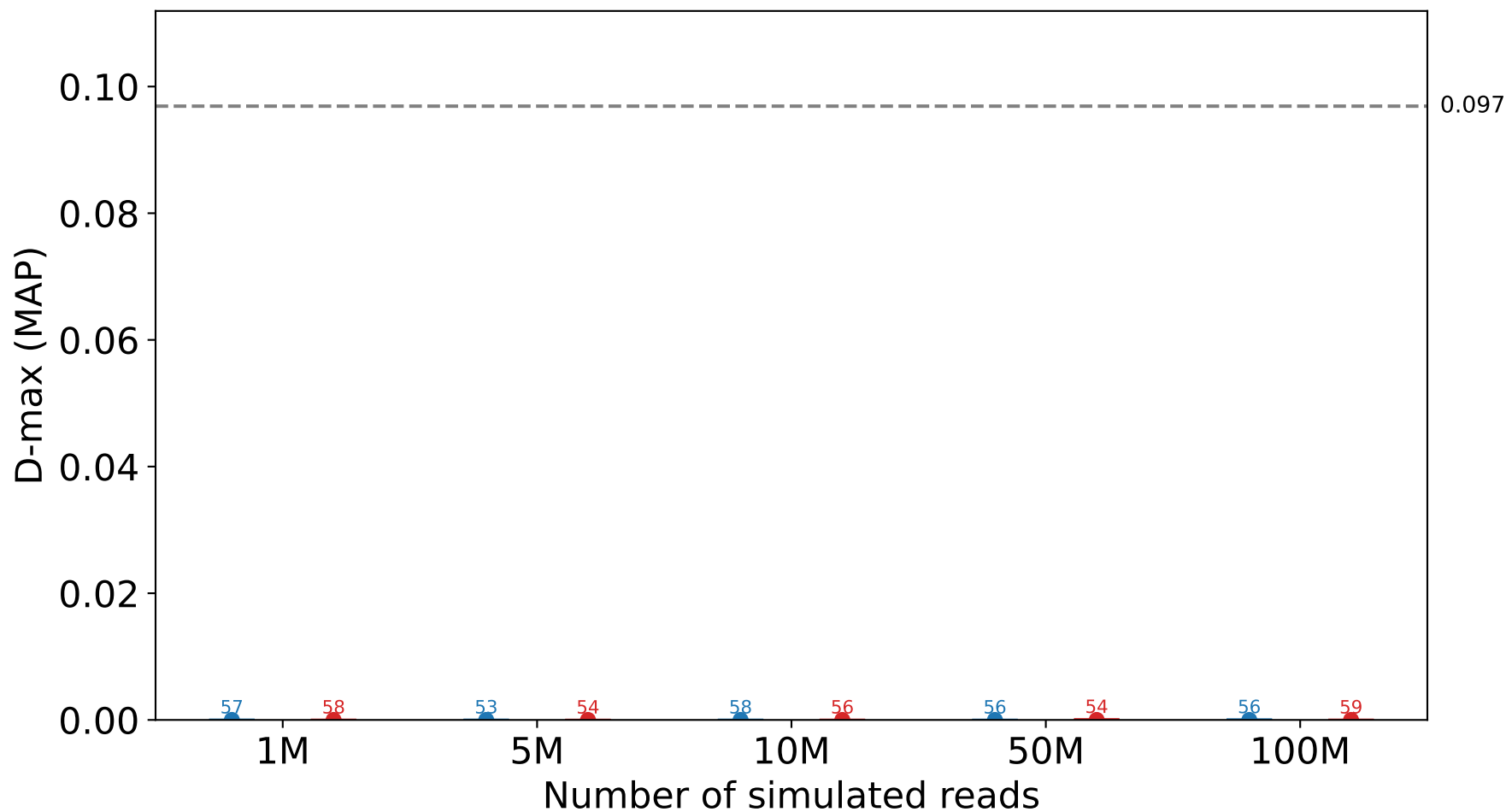
Lake-7-forward, Tax ID: 149560  
s\_Myurella julacea





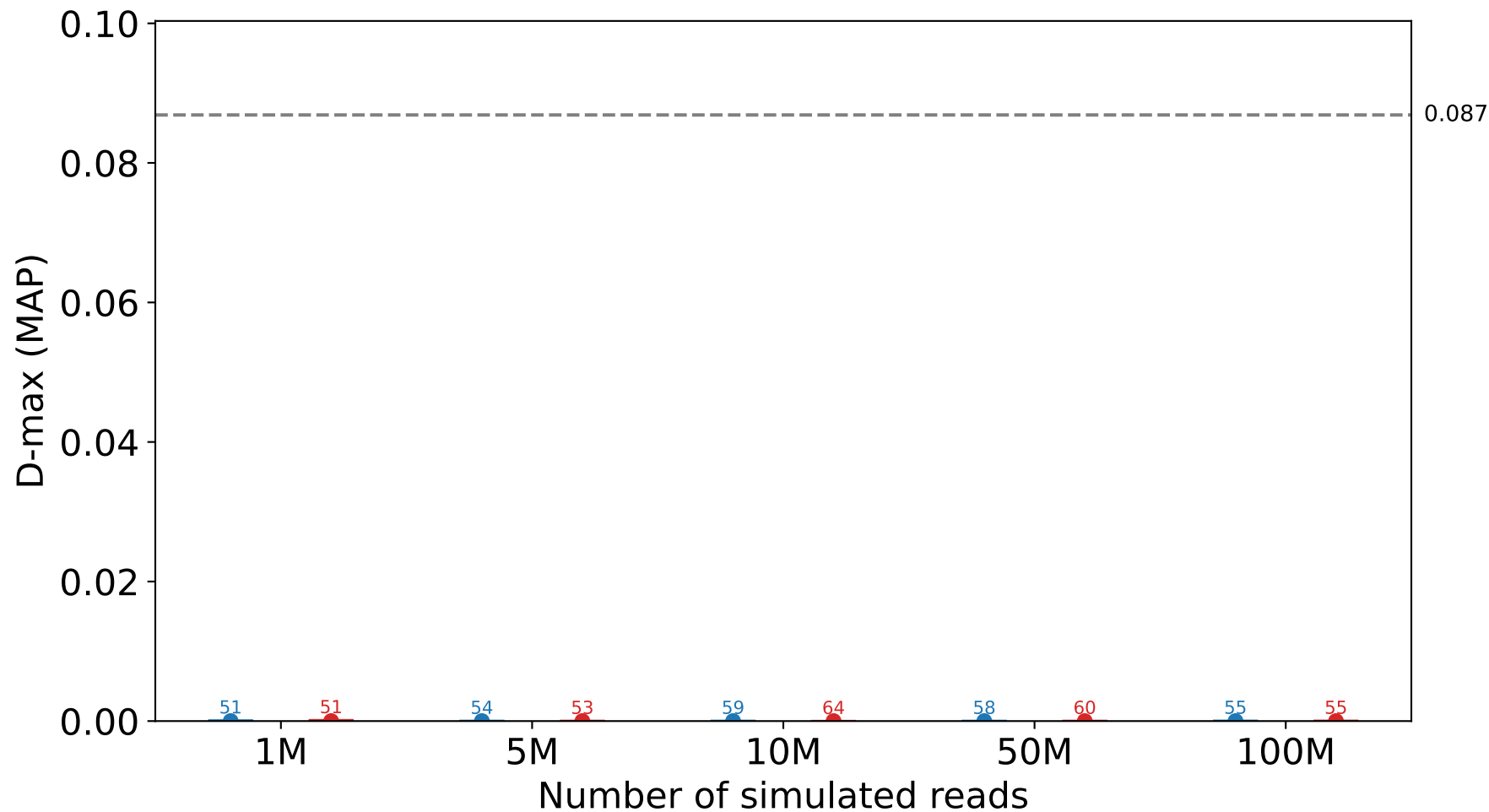
Only ancient: None

Lake-7-forward, Tax ID: 138209  
s\_\_Sanionia uncinata



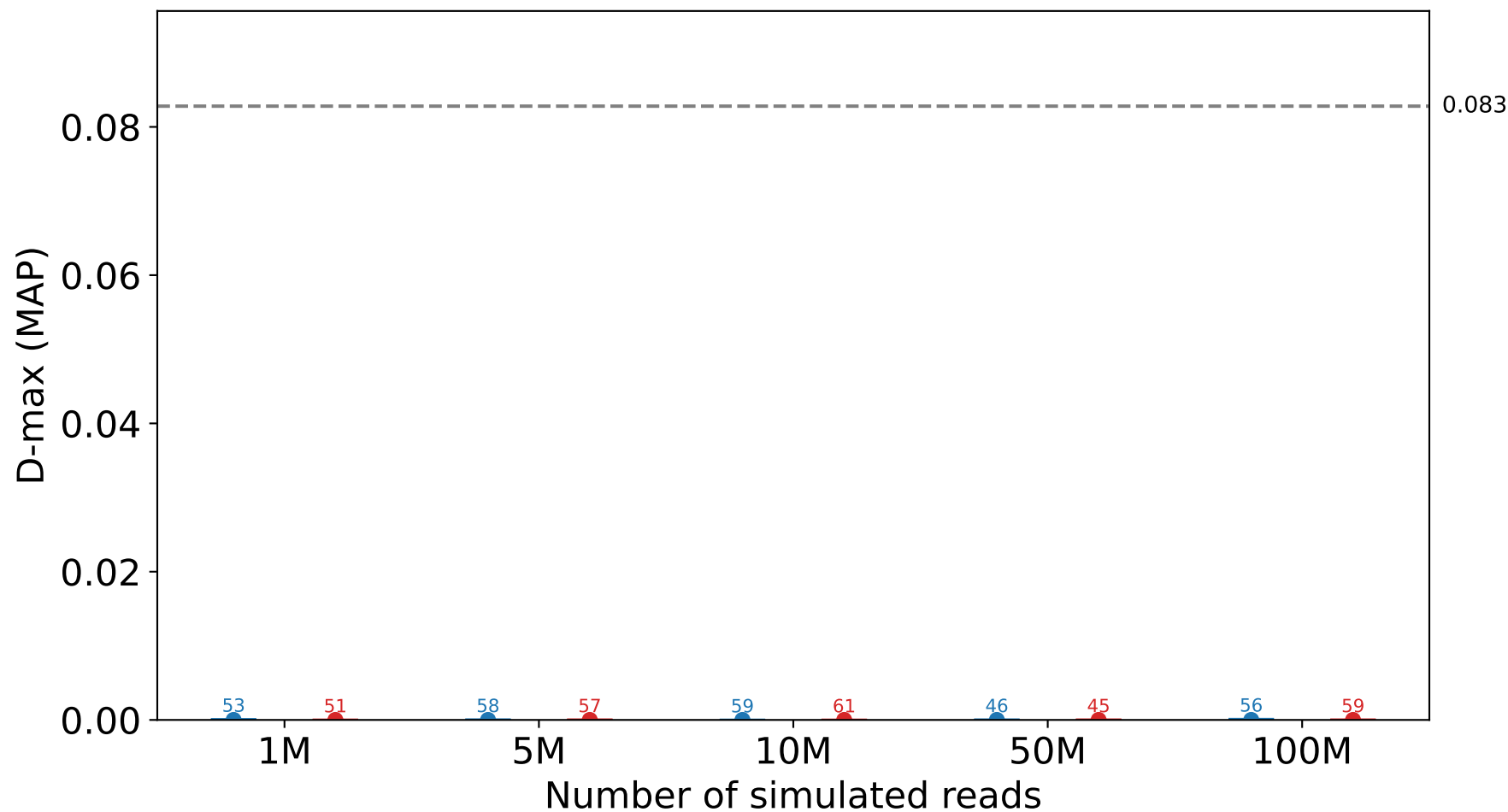
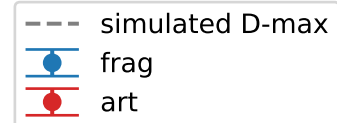
Only ancient: None

Lake-7-forward, Tax ID: 137632  
s\_\_Callicladium imponens



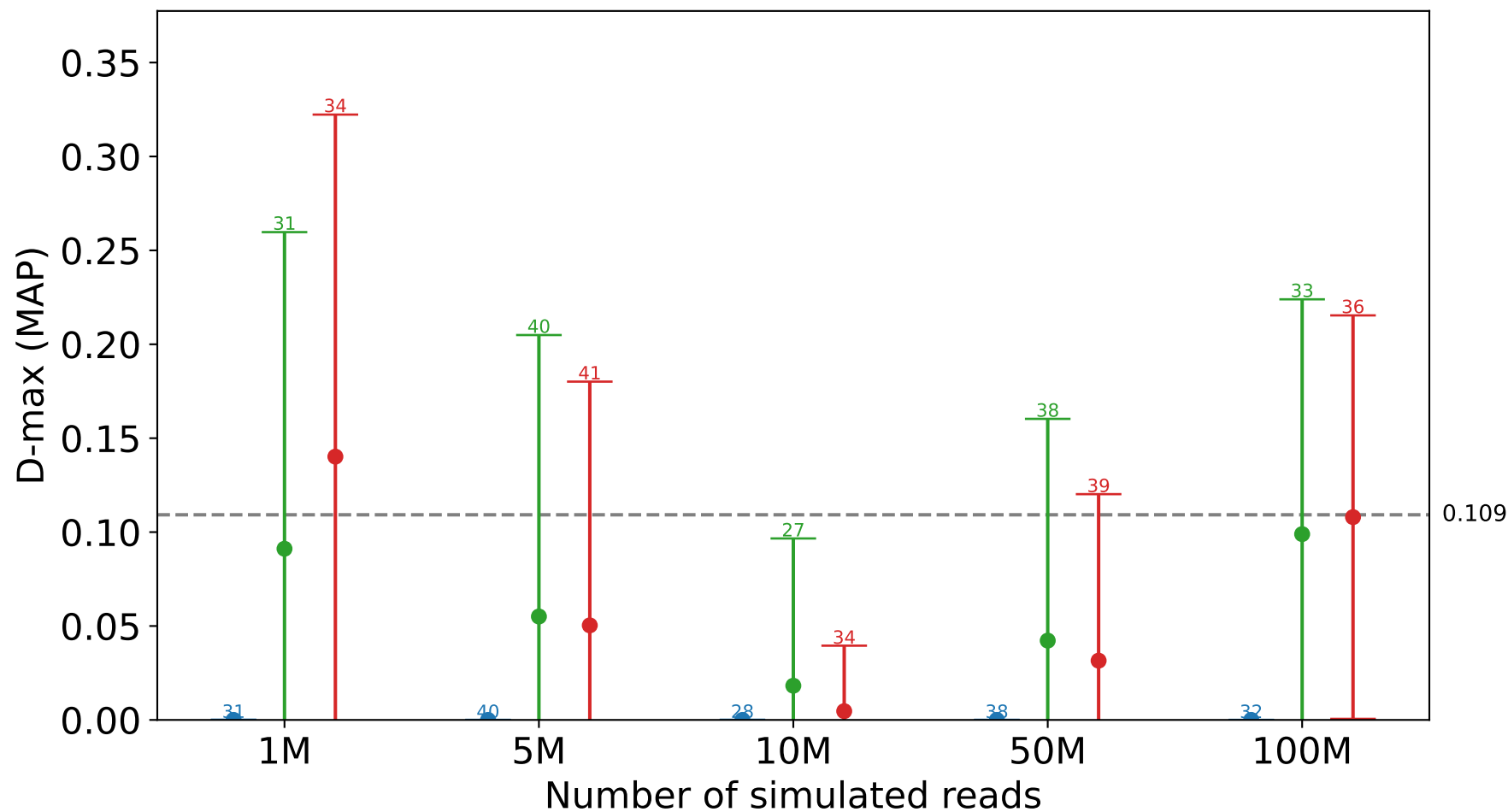
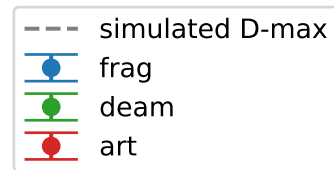
Only ancient: None

Lake-7-forward, Tax ID: 149093  
s\_Climacium dendroides



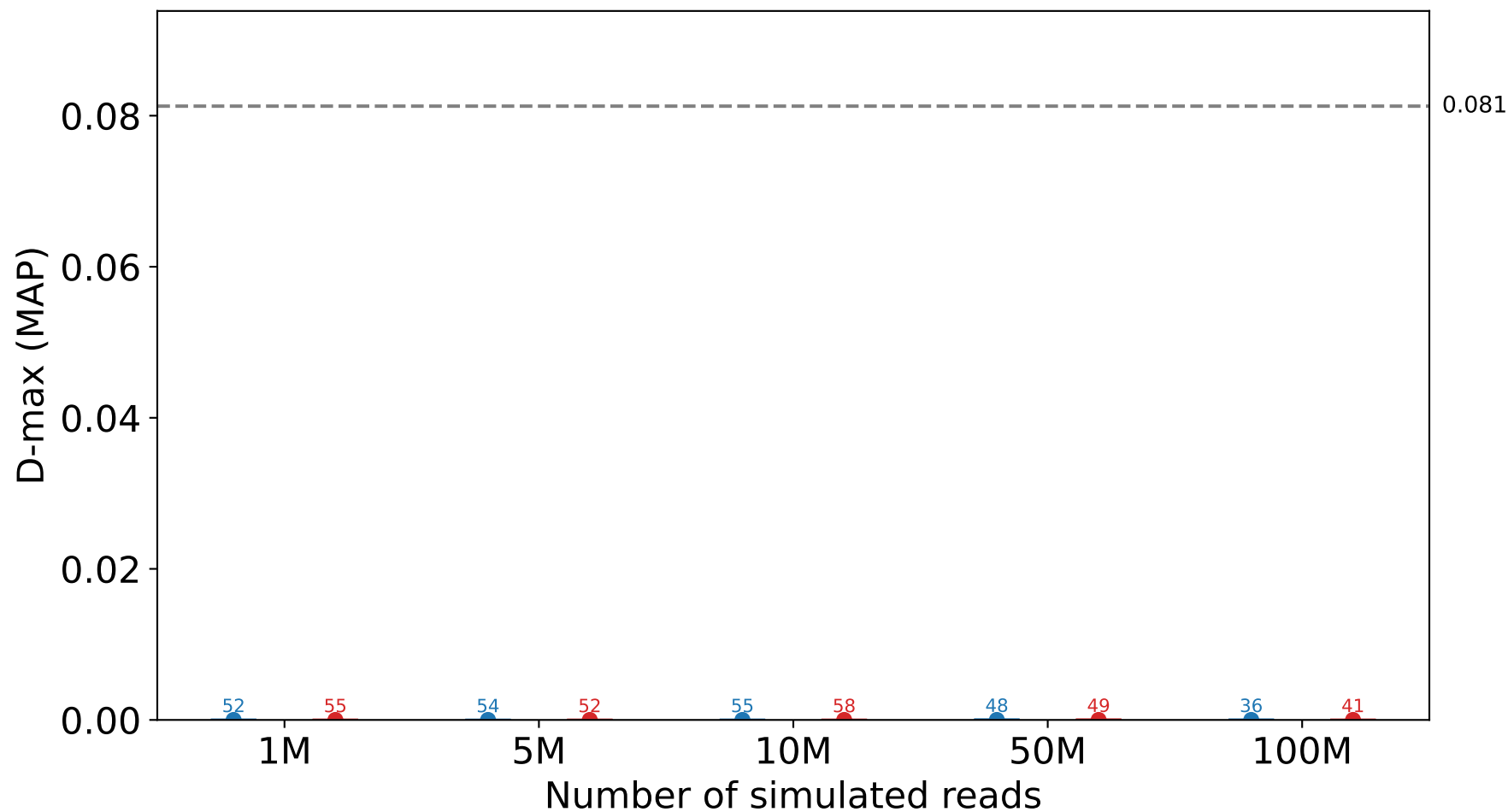
Only ancient: True

# Lake-7-forward, Tax ID: 143217 s\_\_Alnus alnobetula



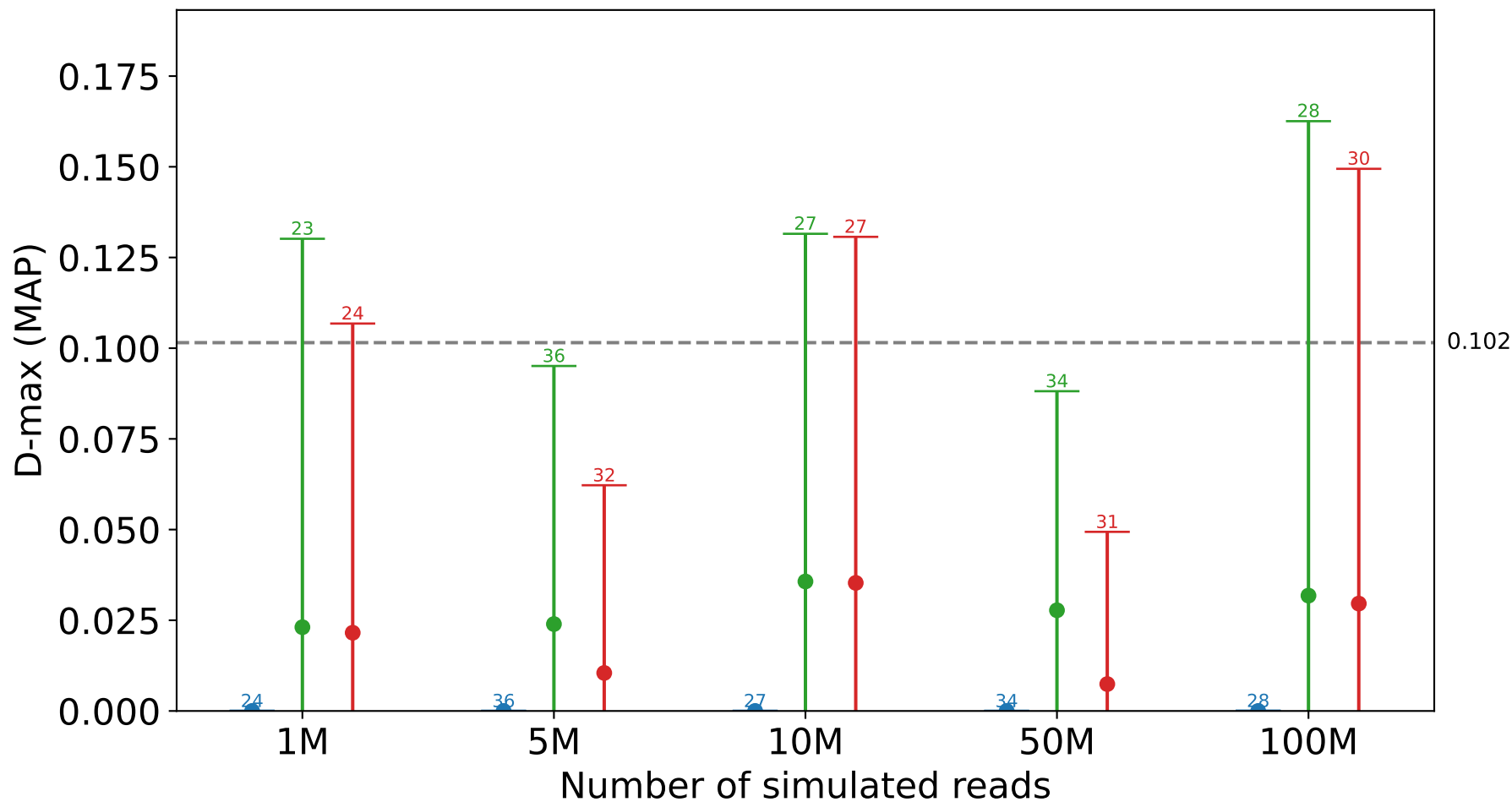
Only ancient: None

Lake-7-forward, Tax ID: 136668  
s\_Pseudanomonodon attenuatus



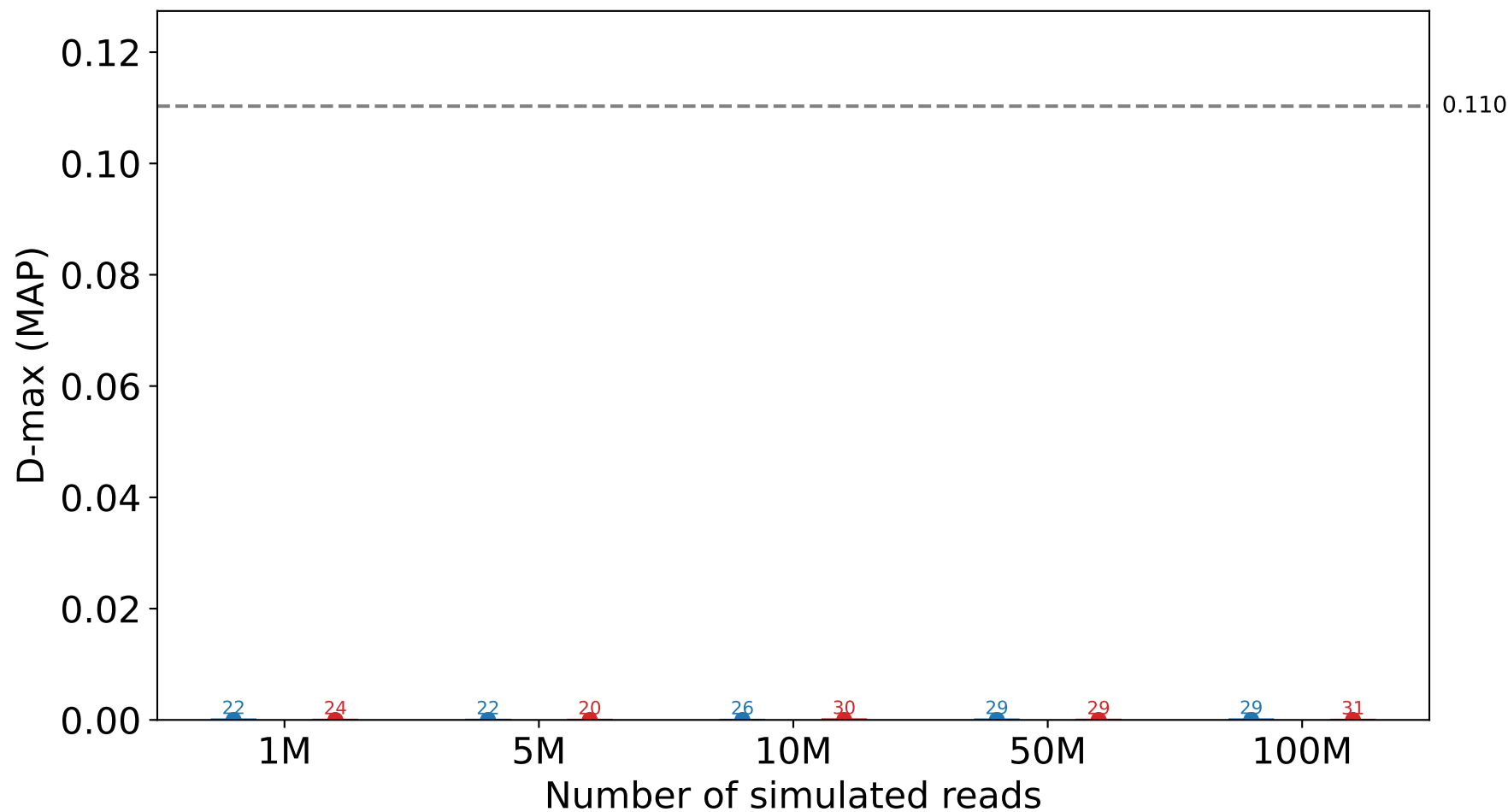
Only ancient: True

# Lake-7-forward, Tax ID: 143220 s\_\_Alnus rubra



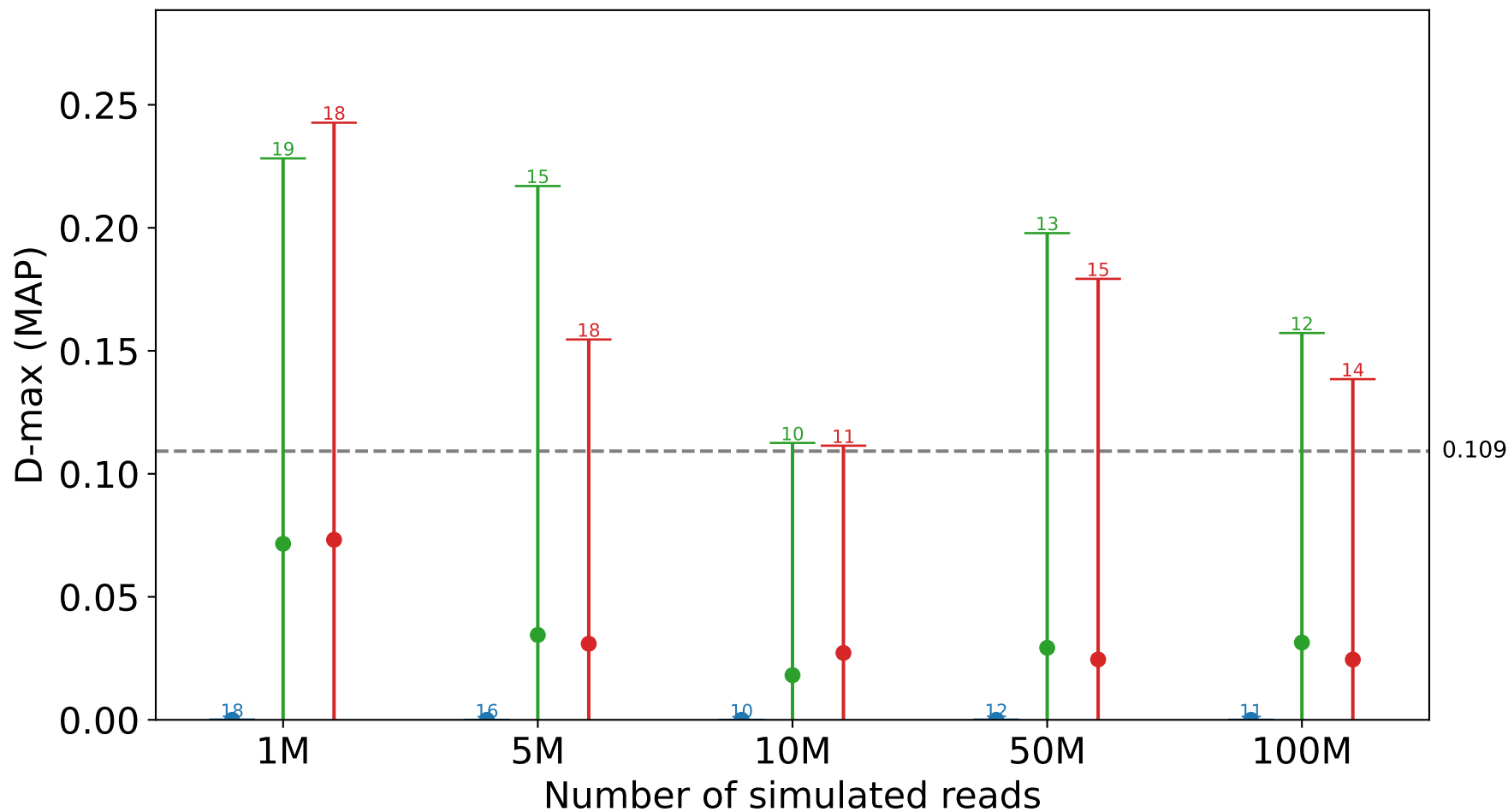
Only ancient: None

Lake-7-forward, Tax ID: 148141  
s\_Cratoneuron filicinum



Only ancient: True

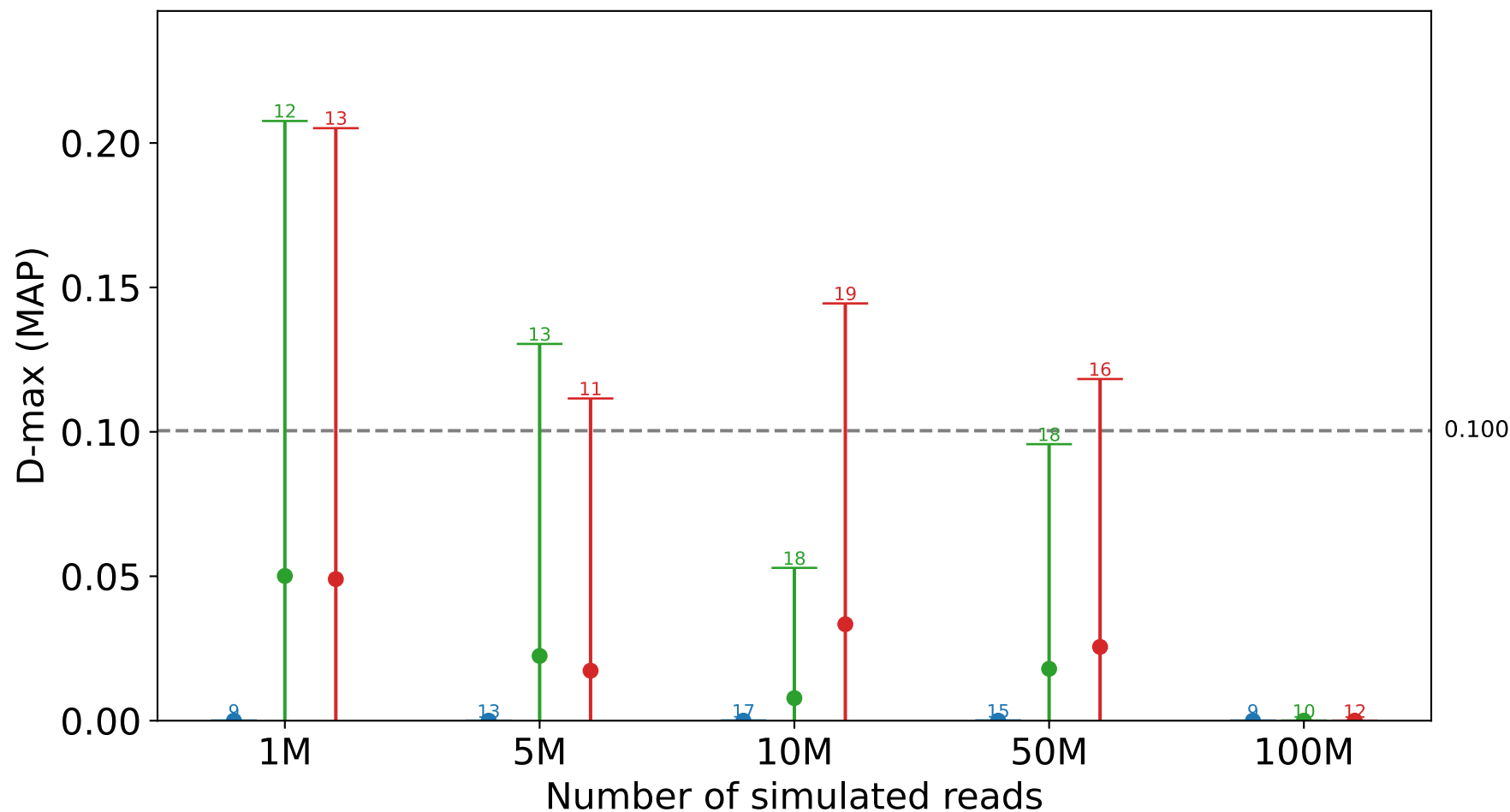
# Lake-7-forward, Tax ID: 143219 s\_\_Alnus orientalis





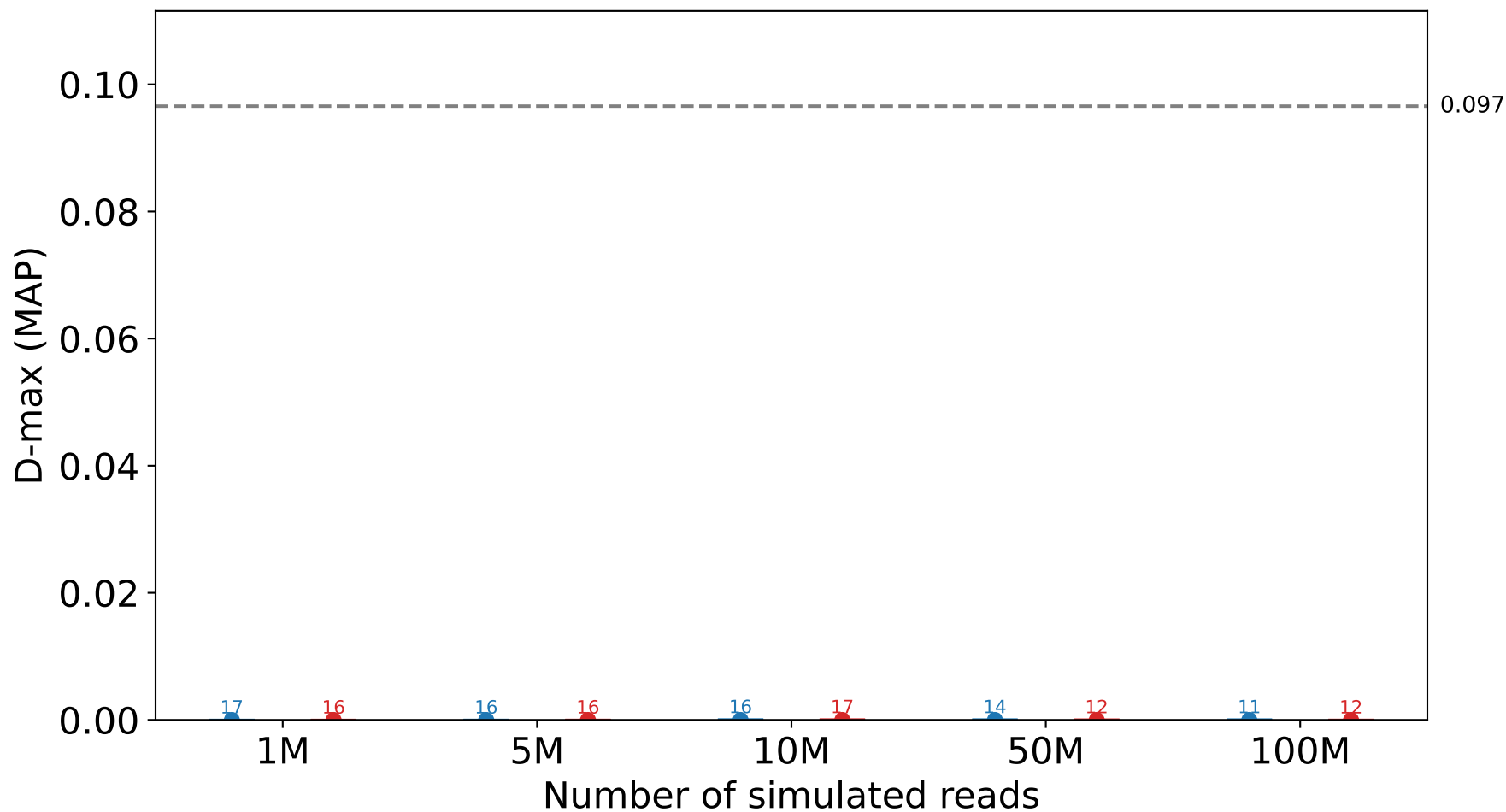
Only ancient: True

# Lake-7-forward, Tax ID: 144394 s\_\_Larix occidentalis



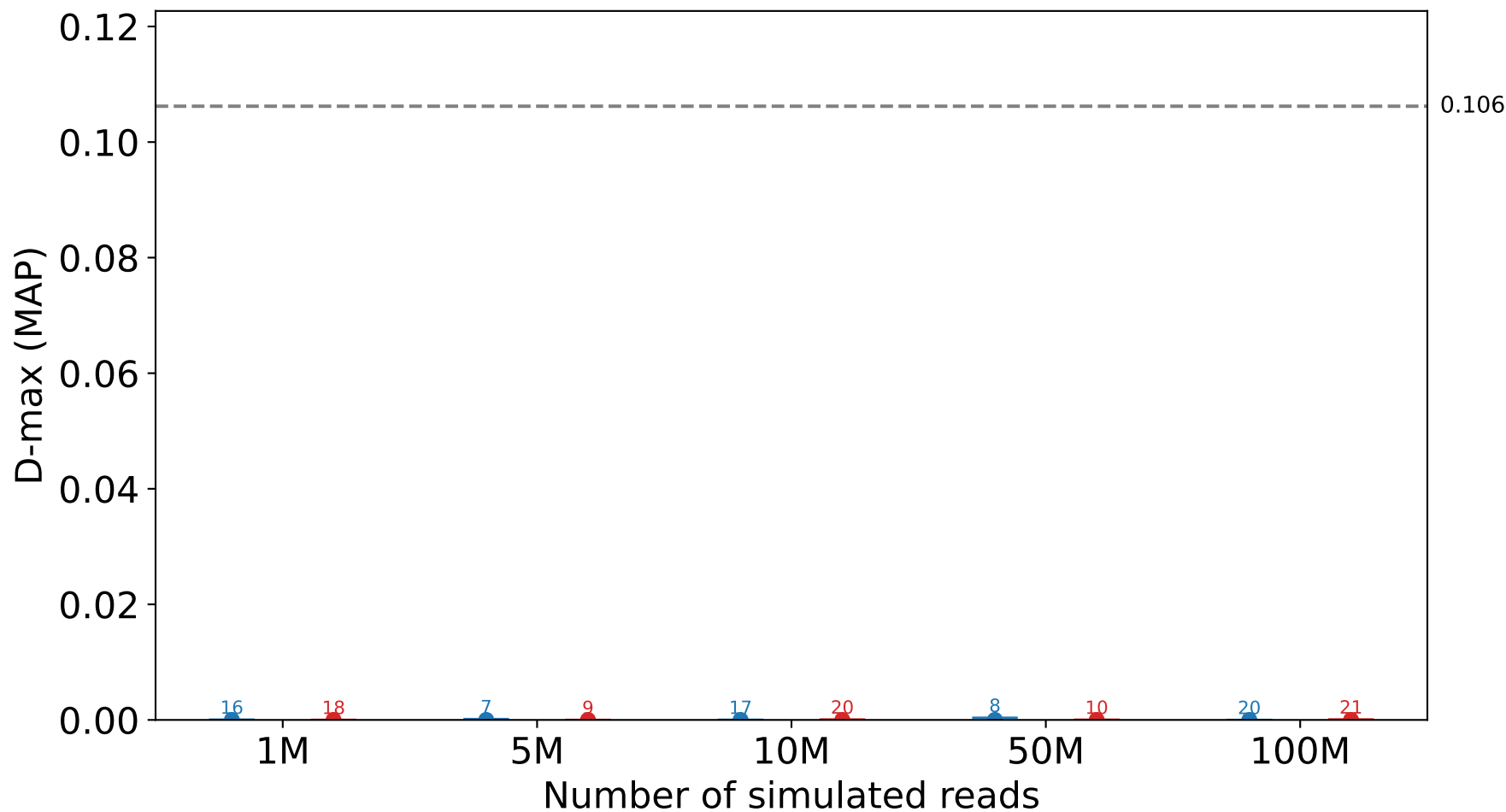
Only ancient: None

# Lake-7-forward, Tax ID: 143216 s\_\_Alnus japonica



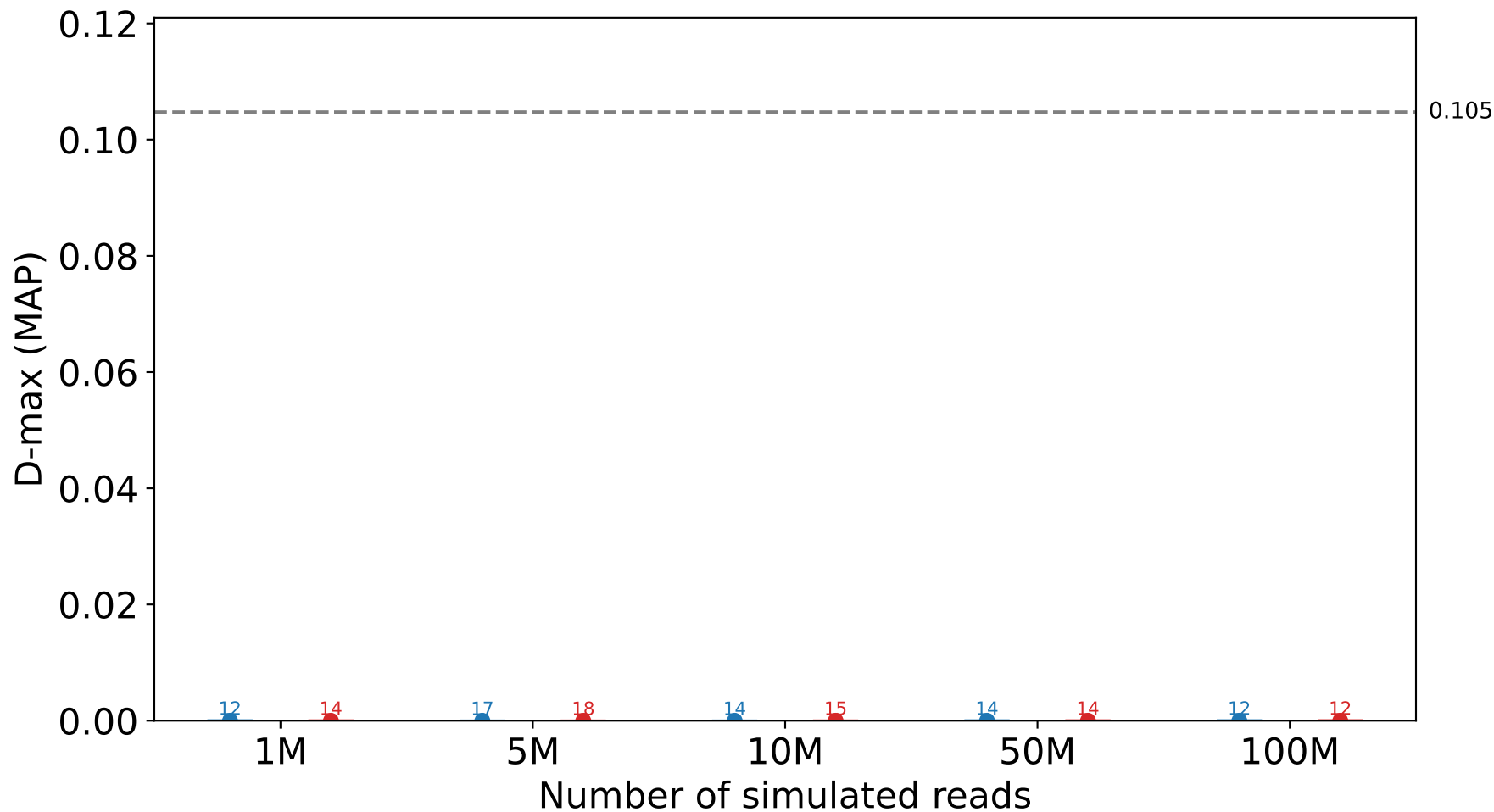
Only ancient: None

Lake-7-forward, Tax ID: 148140  
s\_Campylium stellatum



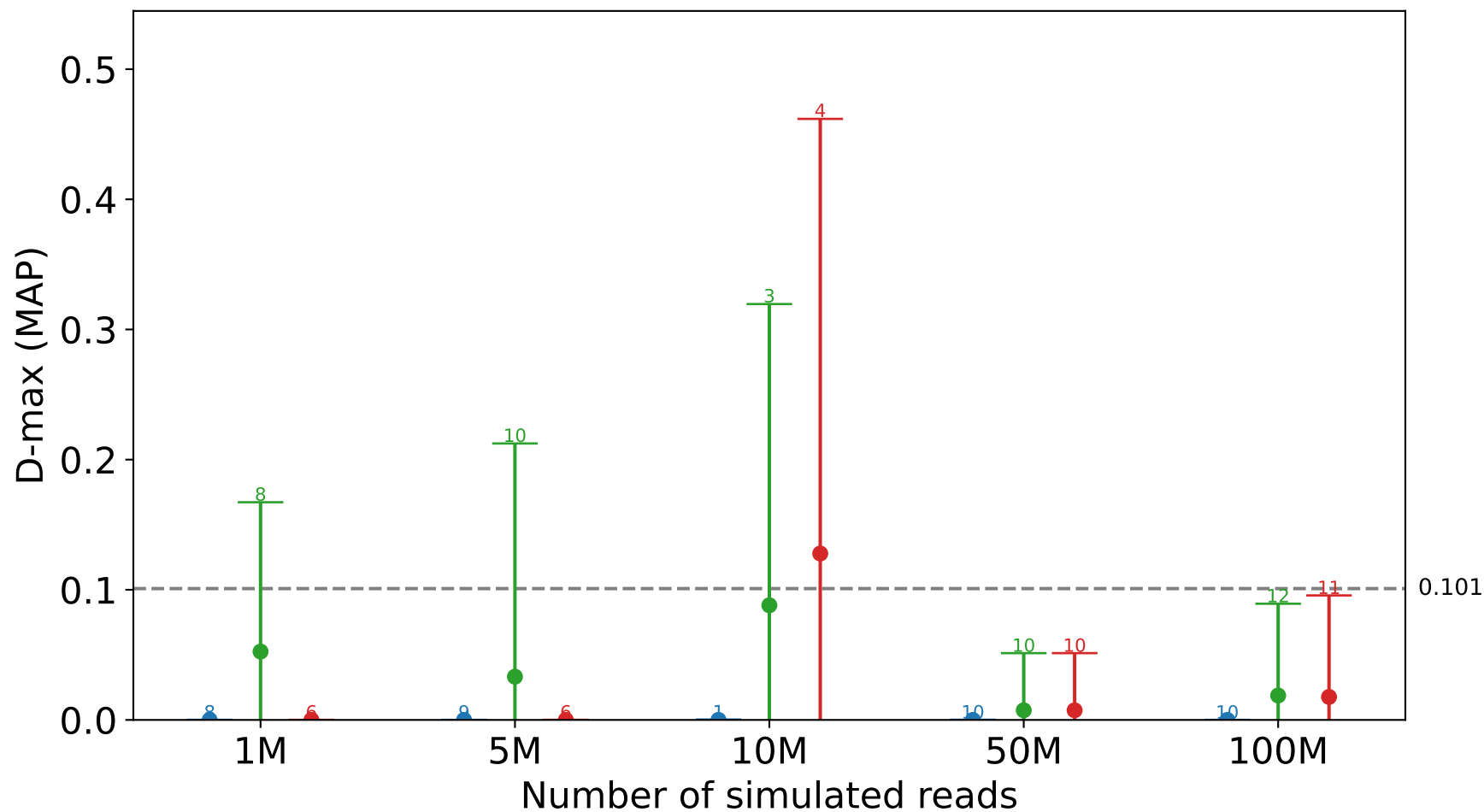
Only ancient: None

Lake-7-forward, Tax ID: 148142  
*s\_\_Drepanocladus aduncus*



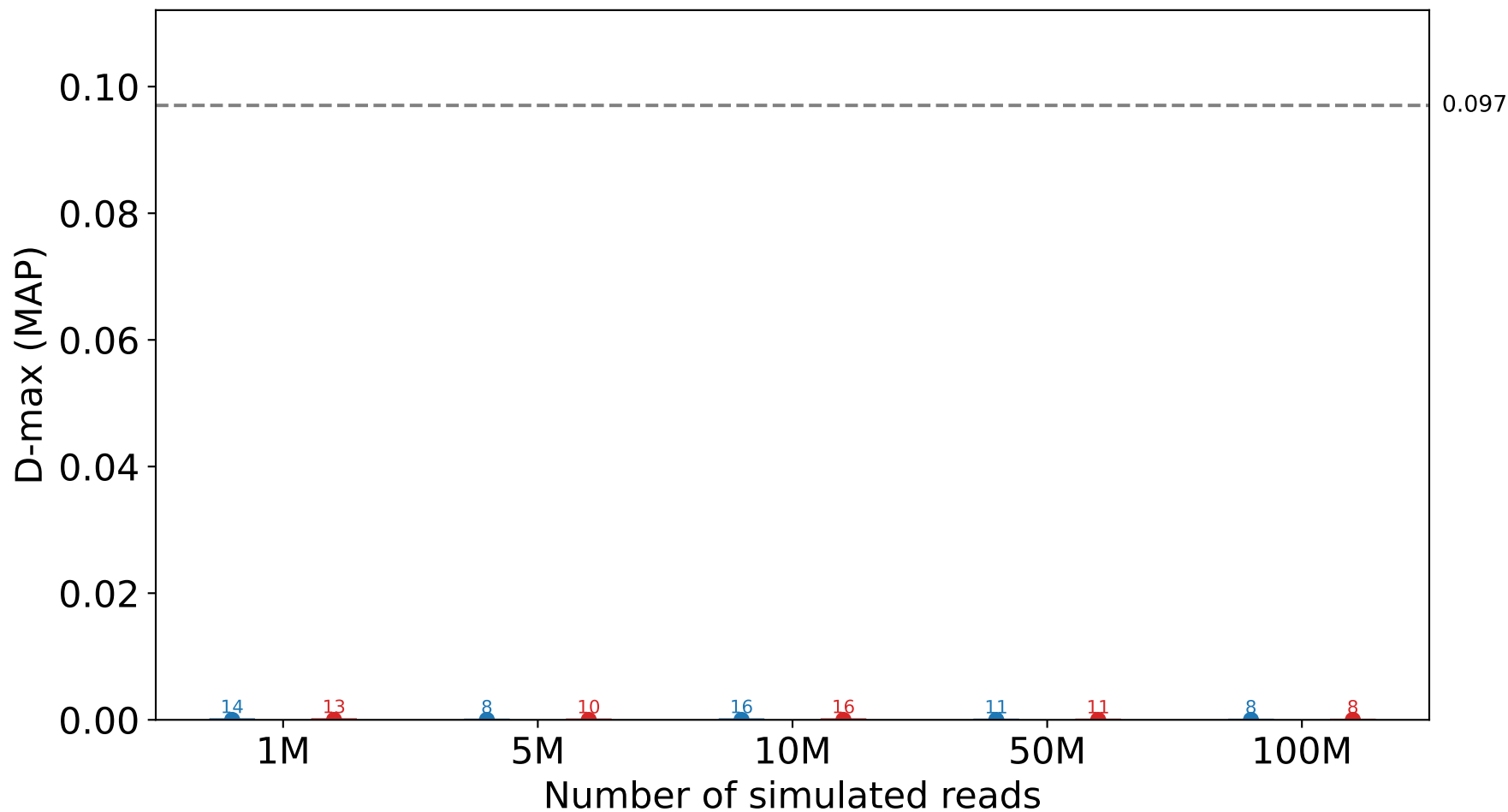
Only ancient: True

Lake-7-forward, Tax ID: 135519  
s\_Larix decidua



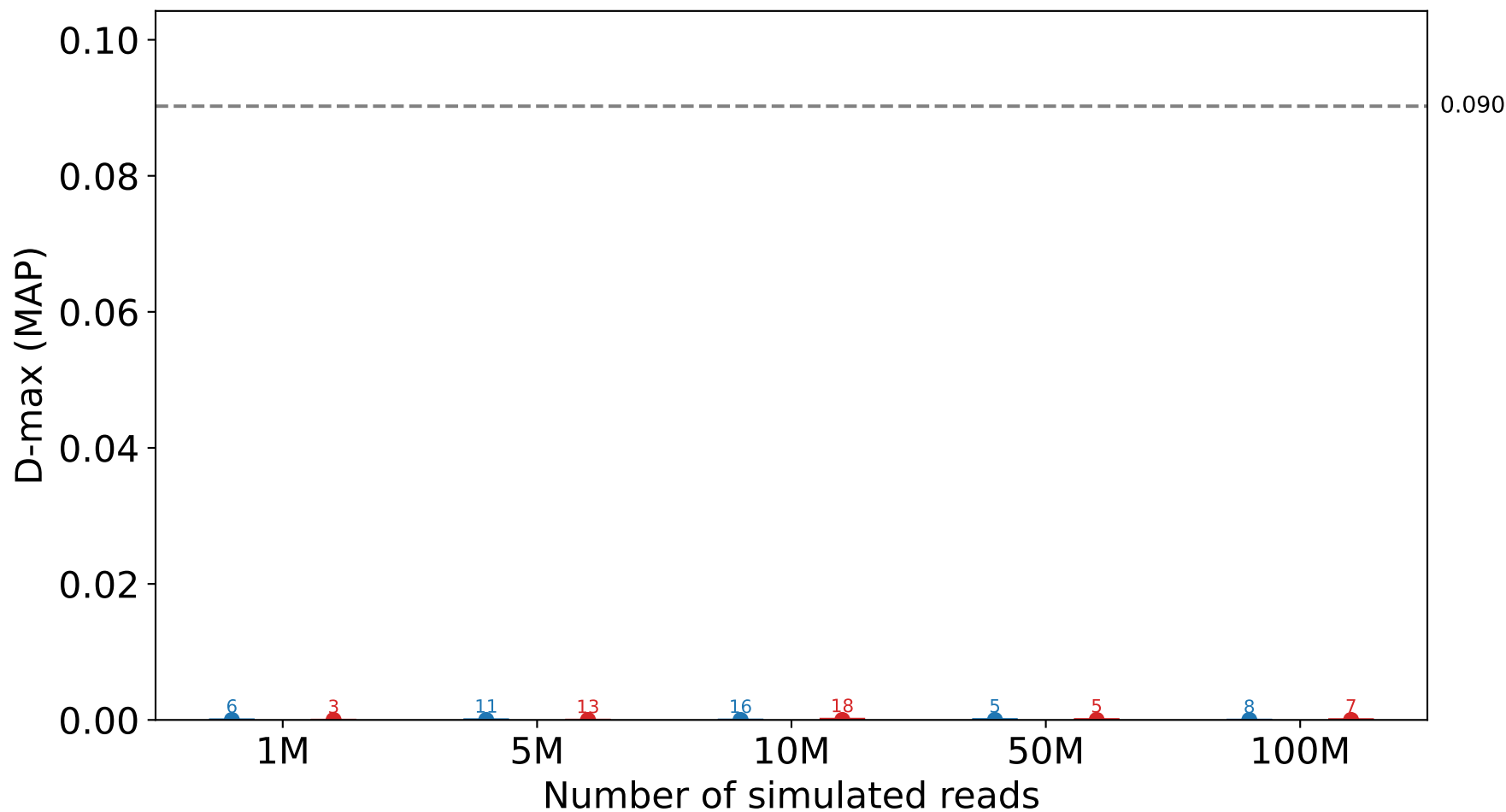
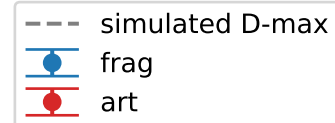
Only ancient: None

Lake-7-forward, Tax ID: 141186  
s\_\_Populus davidiana



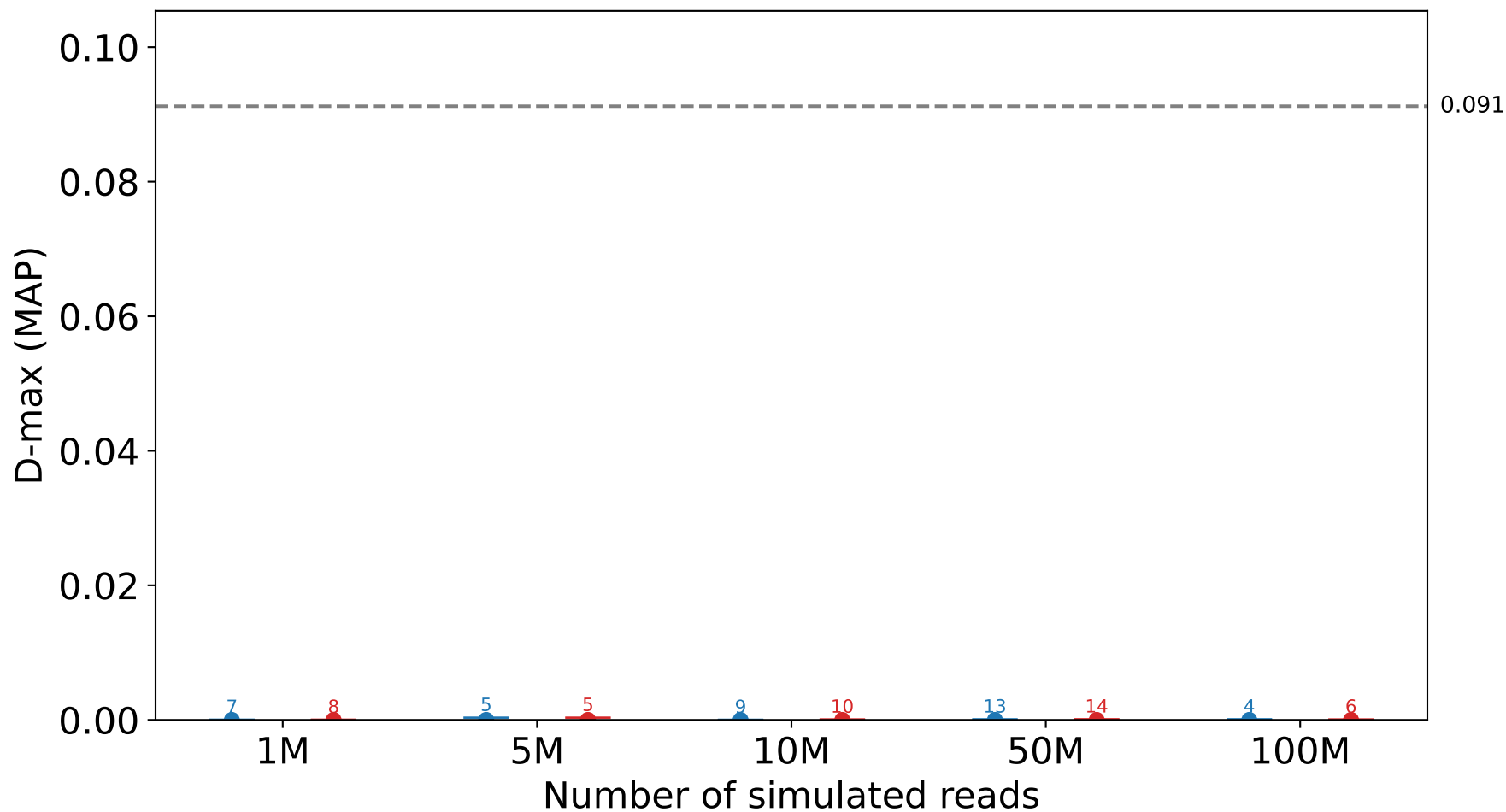
Only ancient: None

Lake-7-forward, Tax ID: 135525  
*s\_Pseudotsuga sinensis*



Only ancient: None

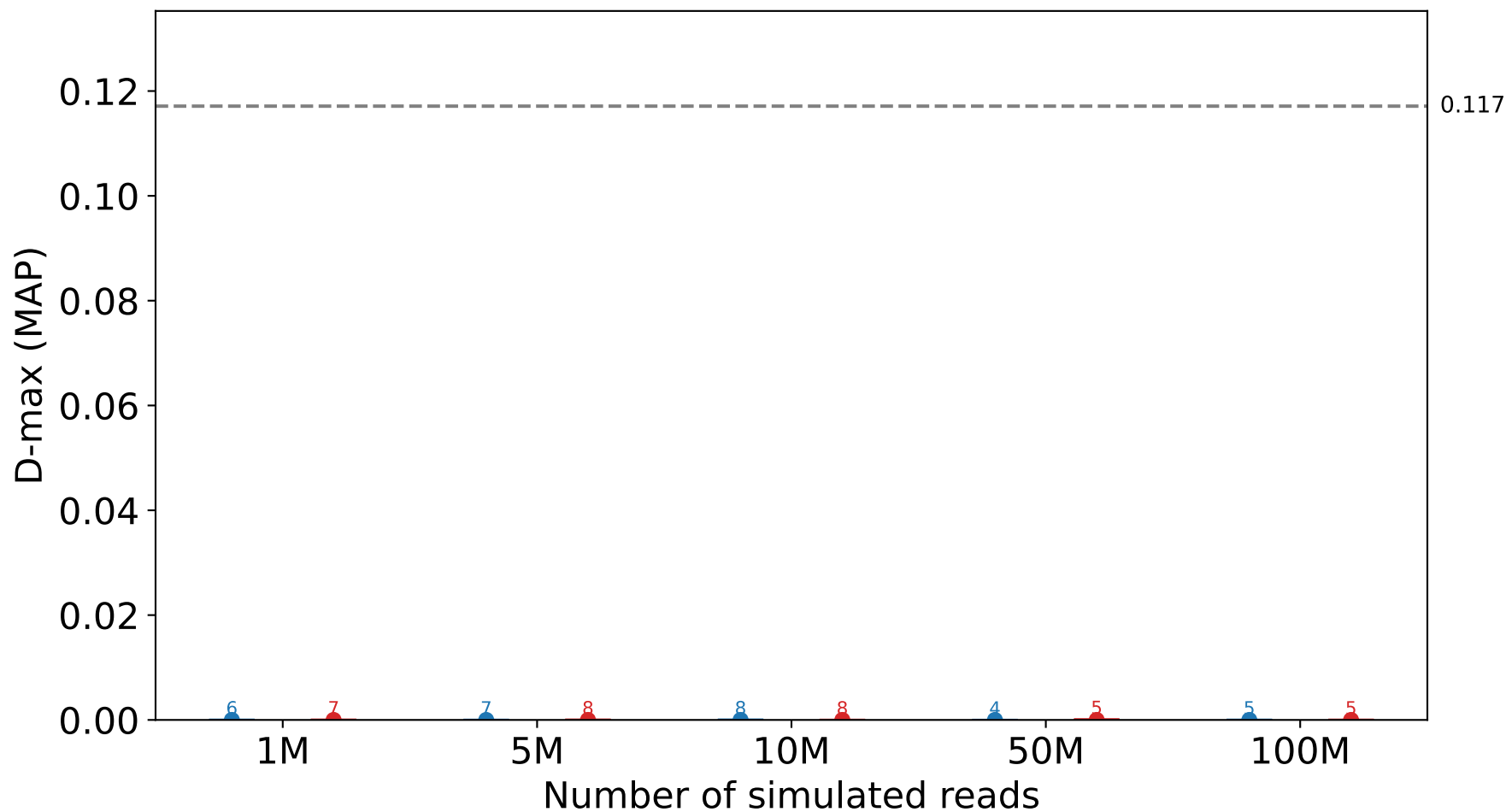
Lake-7-forward, Tax ID: 134480  
s\_Keteleeria davidiana





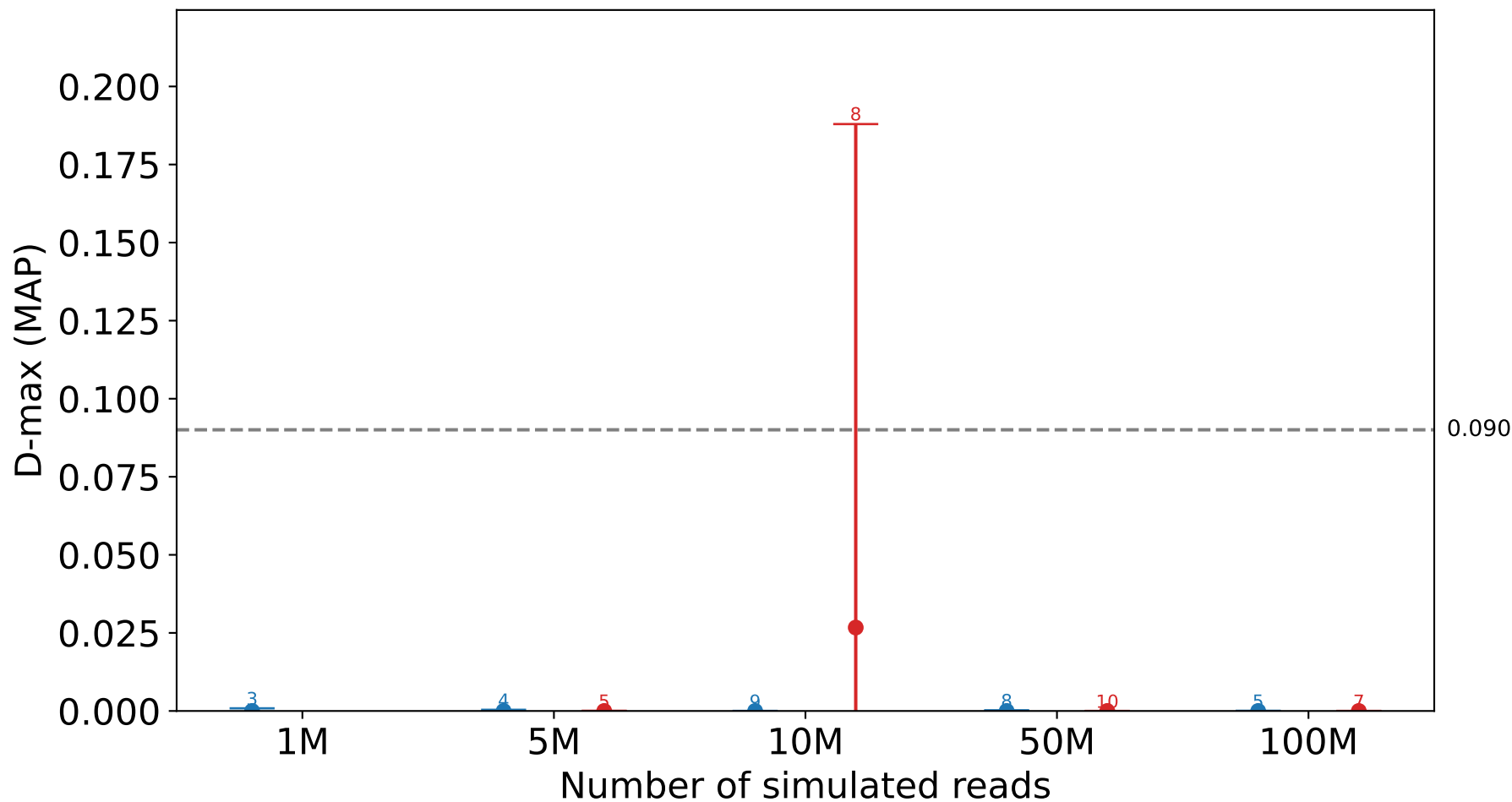
Only ancient: None

Lake-7-forward, Tax ID: 148137  
s\_Amblystegium serpens



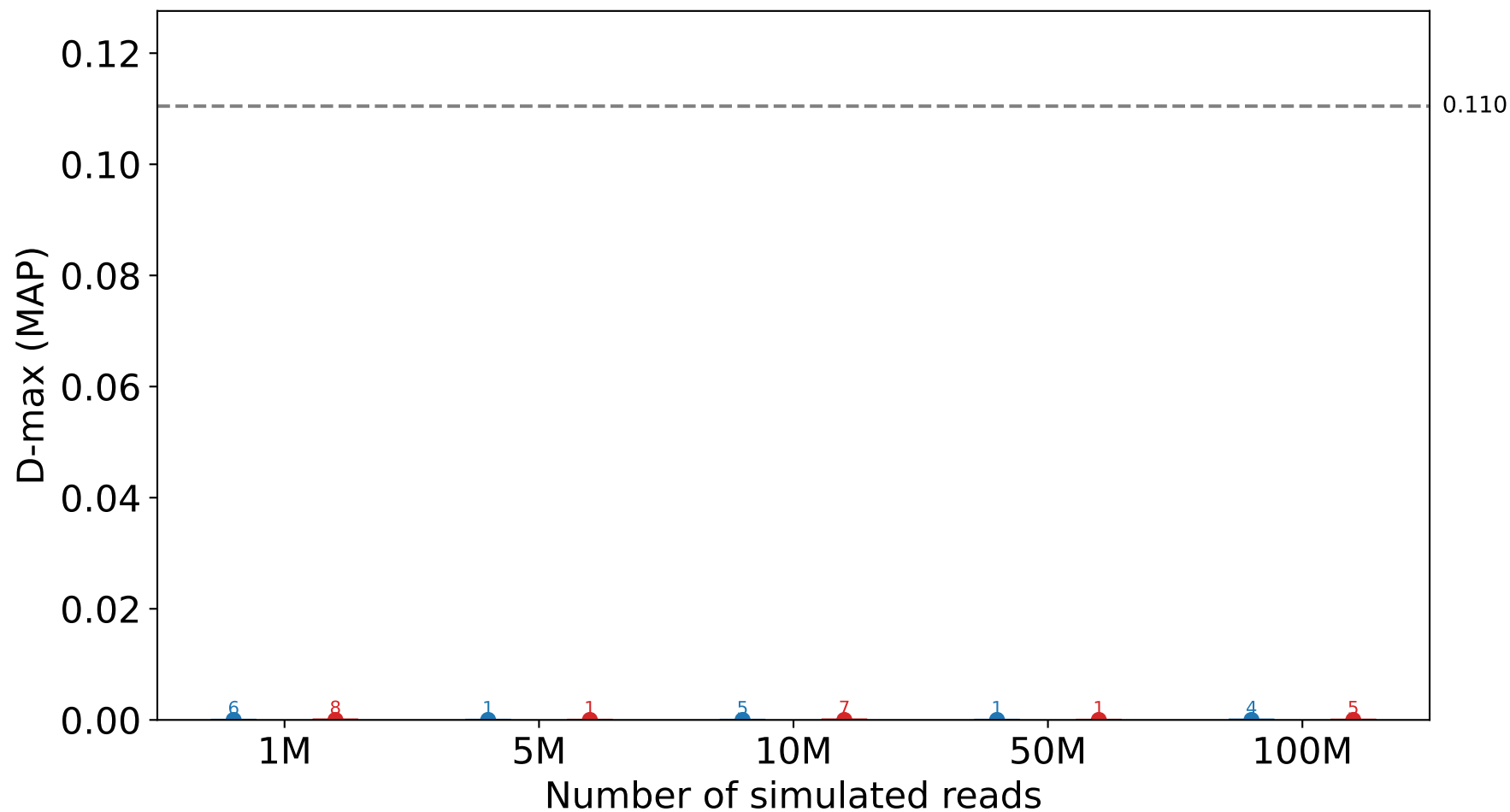
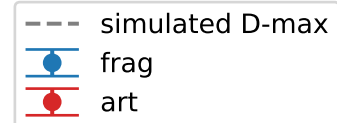
Only ancient: None

Lake-7-forward, Tax ID: 148143  
s\_Hygroamblystegium humile



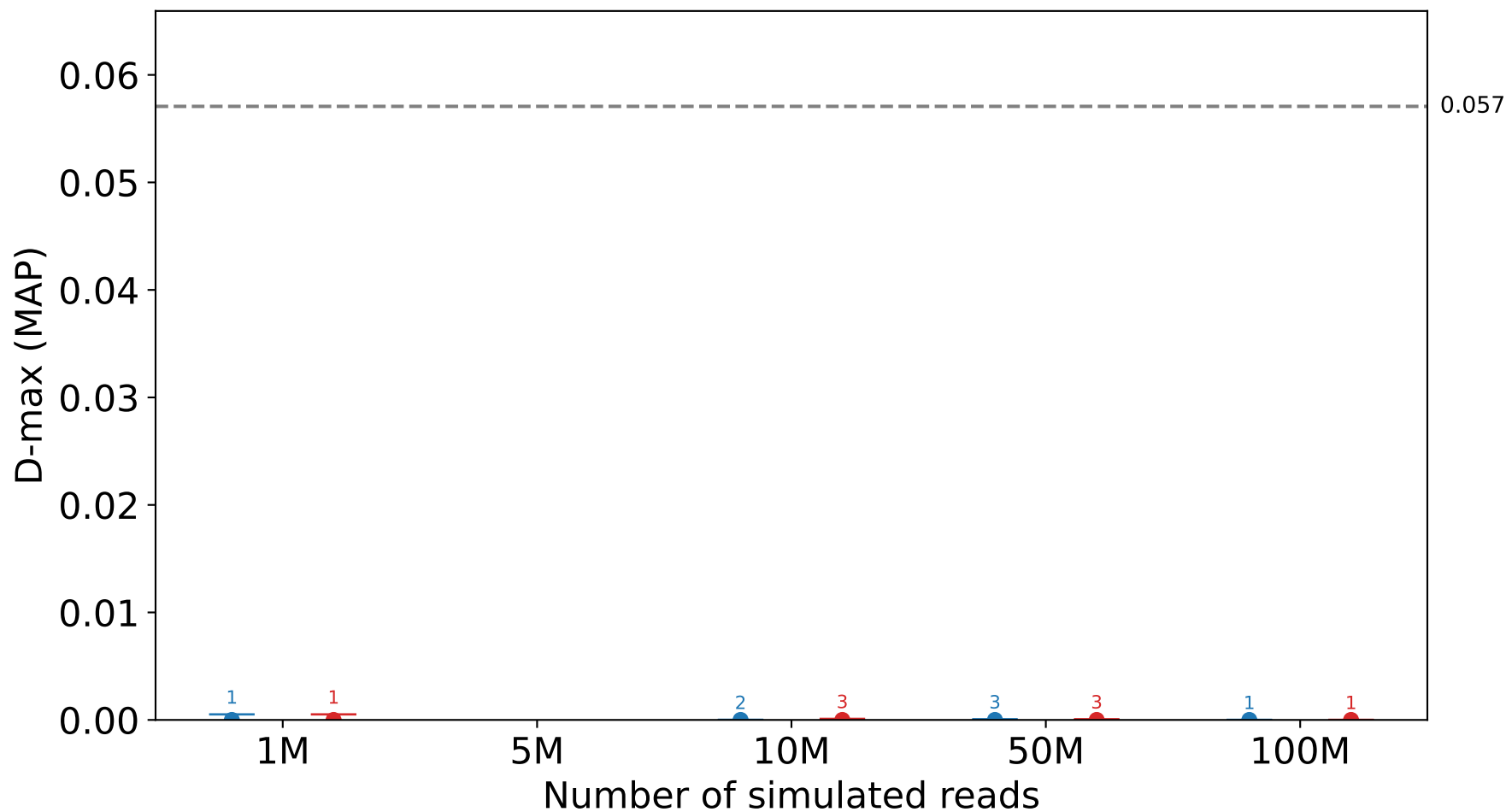
Only ancient: None

Lake-7-forward, Tax ID: 148144  
*s\_Sarmentypnum exannulatum*



Only ancient: None

Lake-7-forward, Tax ID: 136582  
s\_Picea abies



Only ancient: None

Lake-7-forward, Tax ID: 146325  
s\_\_Larix cajanderi

--- simulated D-max  
frag

