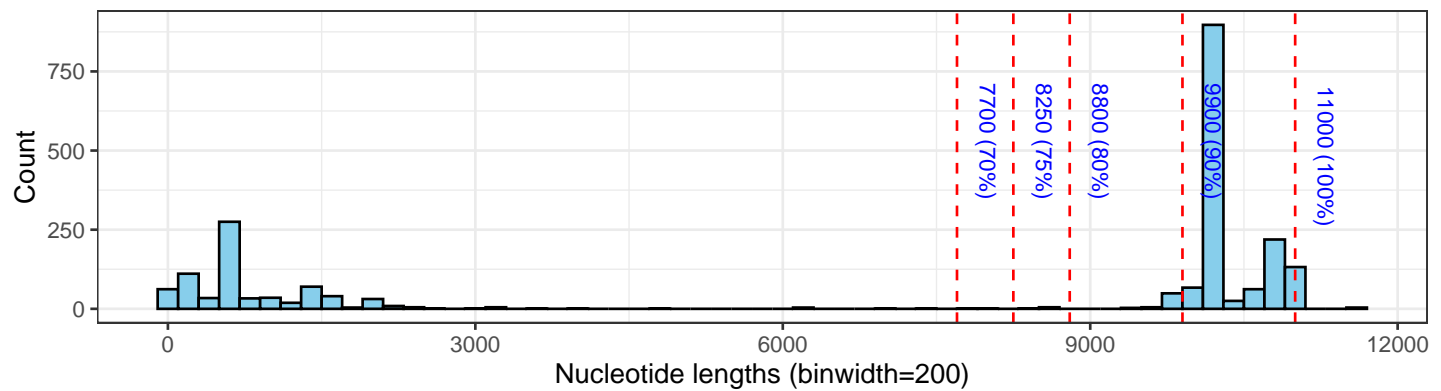


Background

Exploratory Graphics

NCBI GenBank records

Diagnostic plot to estimate min-length filter for phylogenetic analysis (all data = 2215)



Frequency and proportion (n=1607)

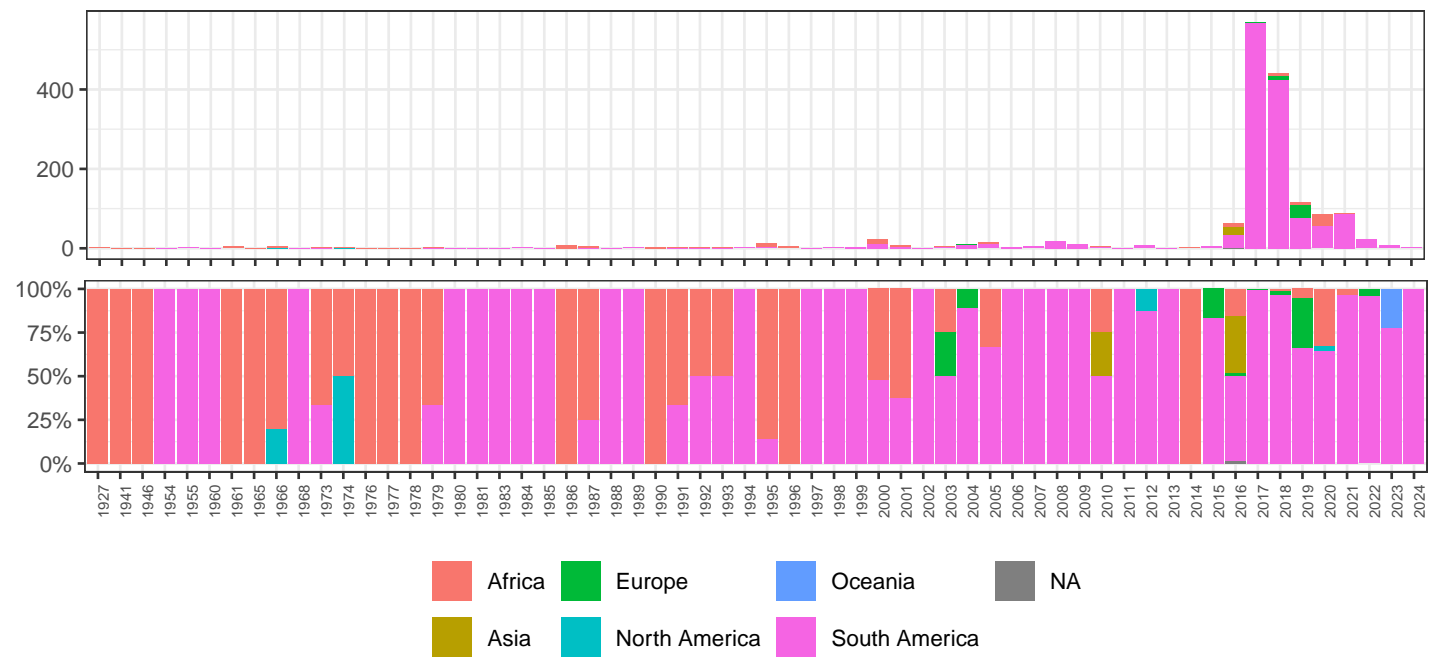


Table 1: Top 25 most frequent sequence submitters with their region and countries

| authors           | n   | regions                              | countries   |
|-------------------|-----|--------------------------------------|---|
| hill et al.       | 515 | South America                        | Brazil  |
| bryant et al.     | 209 | South America, North America, Africa | Peru, Bolivia, Brazil, Colombia, Ecuador, Panama, Trinidad and Tobago |
| giovanetti et al. | 169 | South America                        | Brazil  |
| claro et al.      | 88  | South America                        | Brazil  |
| rezende et al.    | 73  | South America, NA                    | Brazil, NA  |
| faria et al.      | 64  | South America                        | Brazil  |
| adelino et al.    | 54  | South America                        | Brazil  |
| souza et al.      | 46  | South America                        | Brazil  |
| abreu et al.      | 44  | South America                        | Brazil  |
| cunha et al.      | 44  | South America                        | Brazil  |
| salles et al.     | 39  | South America                        | Brazil  |
| wang et al.       | 39  | NA                                   | NA  |
| sall et al.       | 37  | Africa                               | Central African Republic, Cameroon, Côte d'Ivoire, Gambia, Mali       |
| mutebi et al.     | 36  | Africa, NA                           | Angola, Burkina Faso, Central African Republic, Ethiopia, Kenya       |
| queiroz et al.    | 30  | South America, North America         | Brazil, Trinidad and Tobago, Venezuela, Peru, Ecuador, USA            |
| andrade et al.    | 27  | South America                        | Brazil  |
| auguste et al.    | 23  | South America                        | Trinidad and Tobago, Brazil, Peru, Bolivia, Venezuela                 |
| bakoa et al.      | 22  | Europe                               | France  |
| ciaramella et al. | 20  | NA                                   | NA  |
| cruz et al.       | 20  | South America                        | Brazil  |
| diagne et al.     | 20  | Africa                               | Senegal   |
| hilfiker et al.   | 20  | NA                                   | NA  |
| de souza et al.   | 17  | South America                        | Brazil  |
| stock et al.      | 17  | NA, Africa                           | NA, Senegal, Côte d'Ivoire  |
| ajogbasile et al. | 16  | Africa                               | Nigeria   |