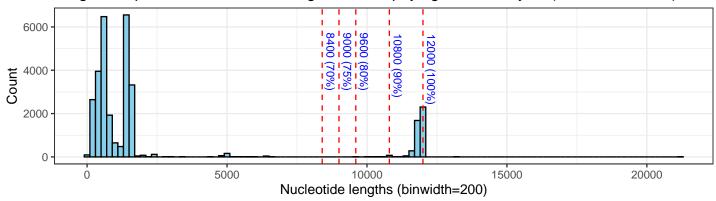
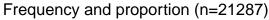
## Background

## **Exploratory Graphics**

## NCBI GenBank records

Diagnostic plot to estimate min-length filter for phylogenetic analysis (all data = 31037)





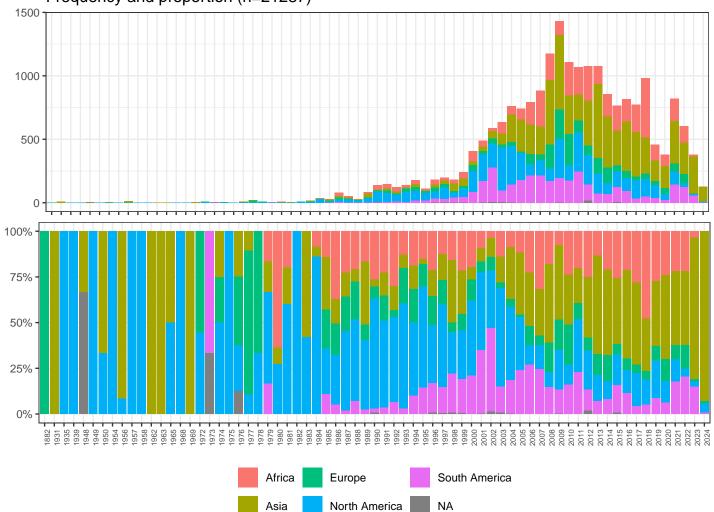


Table 1: Top 25 most frequent sequence submitters with their region and countries

authors	n	regions	countries
nadin-davis et al.	2062	NA, North America, Asia, Africa	NA, USA, Canada, Greenland, Indi
streicker et al.	1009	North America, South America	Costa Rica, Peru, USA
talbi et al.	1005	NA, Africa	NA, Burkina Faso, Niger, Mauritan
kobayashi et al.	869	NA, South America	NA, Brazil
kuzmina et al.	621	North America, Europe, Asia, Africa, South America	Mexico, USA, Russia, Pakistan, Ira
sabeta et al.	565	Africa, NA	Zimbabwe, South Africa, Namibia,
wang et al.	535	Asia, NA	China, NA
barton et al.	523	North America	USA
feng et al.	420	Asia	China
carnieli et al.	401	South America	Brazil
velasco-villa et al.	384	Africa, North America, South America, NA	Nigeria, Mexico, USA, El Salvador,
bourhy et al.	378	NA, Africa, Asia, South America, Europe, North America	NA, Central African Republic, Gab
saito et al.	371	Asia	Philippines
cruz et al.	353	Asia	Philippines
david et al.	325	Africa, Asia, Europe, NA	Nigeria, Israel, Jordan, Egypt, Leba
viana et al.	319	South America	Peru
brunker et al.	314	South America, Africa, Asia	Peru, Tanzania, Kenya, Philippines
paez et al.	301	South America, NA	Colombia, NA
schepers et al.	300	Africa	South Africa
zhang et al.	300	Asia, NA, North America	China, NA, Mexico
gigante et al.	298	Asia, Africa, North America	Vietnam, Kenya, Guatemala, India,
kuzmin et al.	271	Asia, North America, Europe, NA	India, USA, Mexico, United Kingdo
hirano et al.	257	Asia, Africa, South America	China, Uganda, Brazil
malan et al.	249	Africa	South Africa, Zimbabwe
denduangboripant et al.	239	Asia	Thailand
	-		

Table 2: Top 25 most frequent host

lower_field	n
domestic dog	9893
?	4091
cattle	3911
bat	3726
other carnivore	3199
fox (vulpes sp.)	1542
skunk	1486
raccoon	1086
other ungulate	1053
human	878
other mammal	152
bird	20