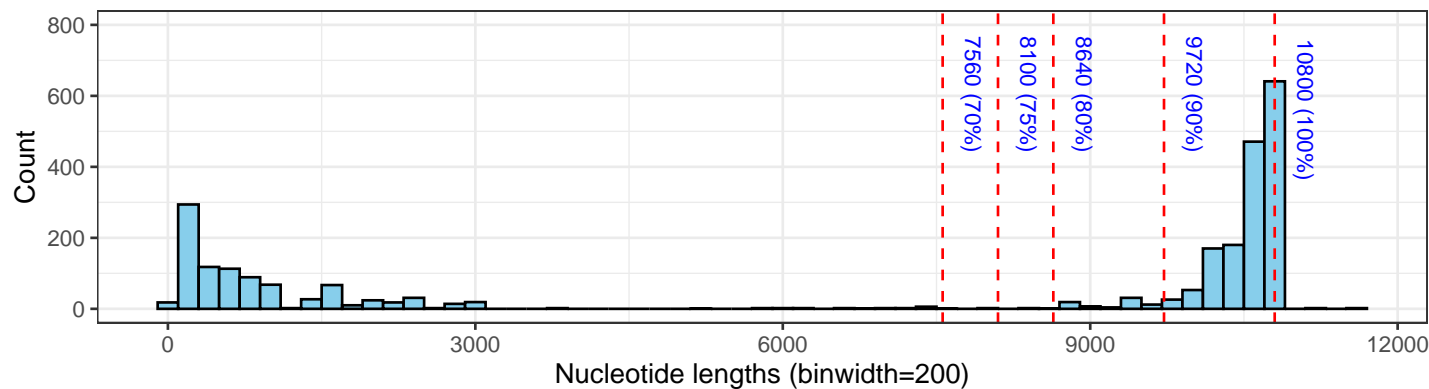


Background

Exploratory Graphics

NCBI GenBank records

Diagnostic plot to estimate min-length filter for phylogenetic analysis (all data = 2560)



Frequency and proportion (n=2168)

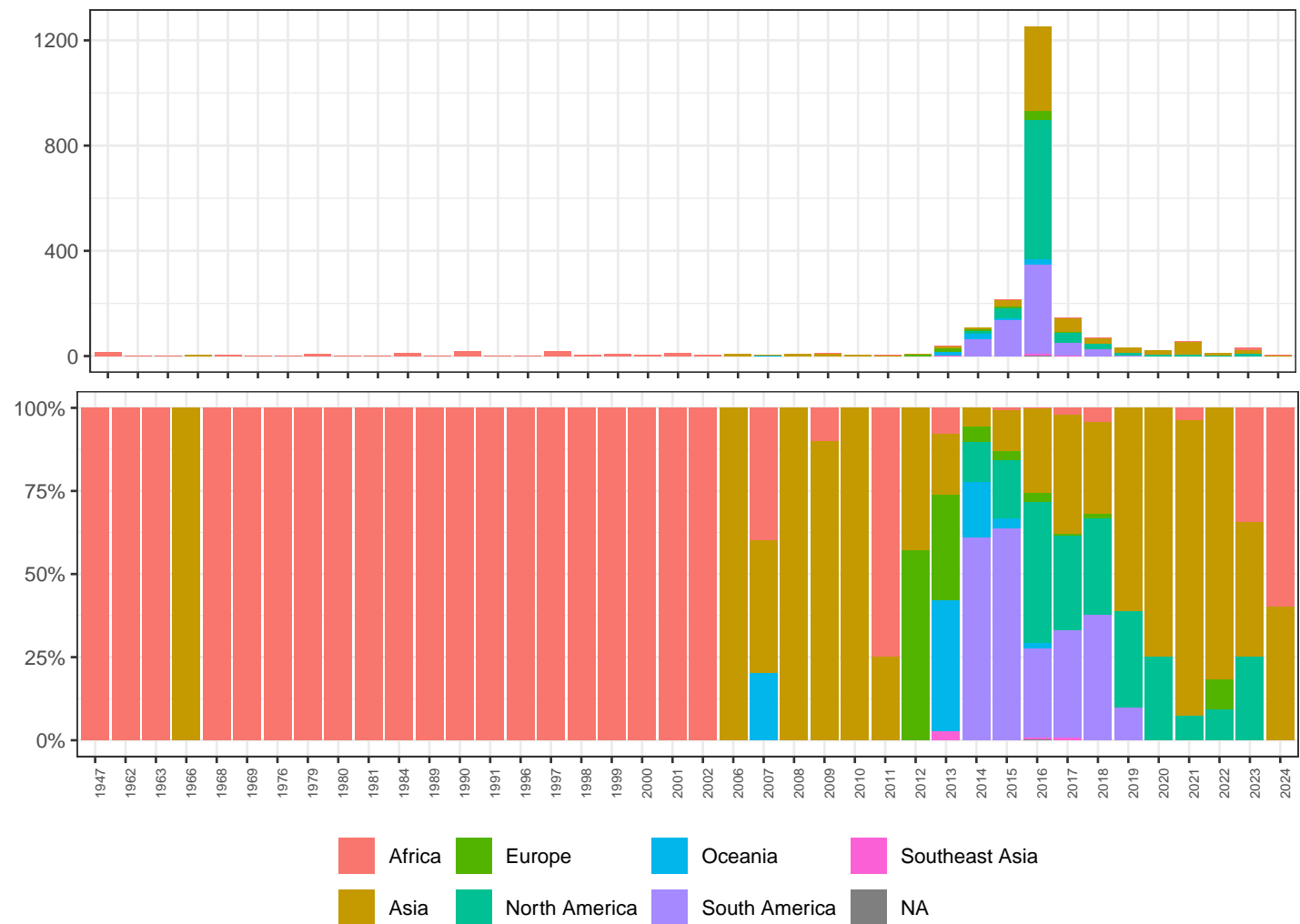


Table 1: Top 25 most frequent sequence submitters with their region and countries

authors	n	regions	countries
grubaugh et al.	136	North America	USA, Cuba
sun et al.	120	Asia, North America	China, Nicaragua
ho et al.	117	Asia	Singapore
metsky et al.	110	North America, South America	USA, Brazil, Dominican Republic, Honduras, Colombia
faye et al.	107	Africa, NA	Senegal, Côte d'Ivoire, Burkina Faso, Uganda, Central A
tan et al.	107	North America, NA	Cuba, NA, Mexico
phumee et al.	106	Asia	Thailand
giovannetti et al.	88	South America	Brazil
barbero et al.	65	NA	NA
theze et al.	57	North America	Nicaragua, El Salvador, Guatemala, Honduras, Mexico
selhorst et al.	56	North America	Cuba
tognarelli et al.	51	South America	Chile
ciaramella et al.	49	NA	NA
faria et al.	48	South America, North America	Brazil, Mexico
rios et al.	44	North America, Africa, Asia	USA, Panama, Senegal, Cambodia
yadav et al.	40	Asia	India
khongwichit et al.	39	Asia	Thailand
pickett et al.	38	South America, North America	Colombia, Honduras
rivera-franco et al.	38	South America	Colombia
shabman et al.	32	Africa, North America, South America, Asia	Uganda, Nigeria, USA, Colombia, Panama, Senegal, Me
tauber et al.	32	NA	NA
johari et al.	30	Asia	Malaysia
oliveira et al.	25	South America	Brazil
wijesooriya et al.	18	Asia	Vietnam
sriburin et al.	17	Asia	Thailand

Table 2: Top 25 most frequent host

lower_field	n
homo sapiens	1713
NA	480
aedes aegypti	153
culex quinquefasciatus	66
aedes albopictus	37
aedes sp.	22
macaca mulatta	11
aedes africanus	10
arthropoda	6
simiiformes	5
anopheles sinensis	4
armigeres subalbatus	4
callithrix sp.	4
glossophaga mutica	4
rattus norvegicus	4
aedes taylori	3
alouatta guariba	3
artibeus jamaicensis	3
callithrix jacchus	2
chiroptera	2
culex tritaeniorhynchus	2
culicidae	2
eidolon helvum	2
suncus murinus	2
aedes opok	1