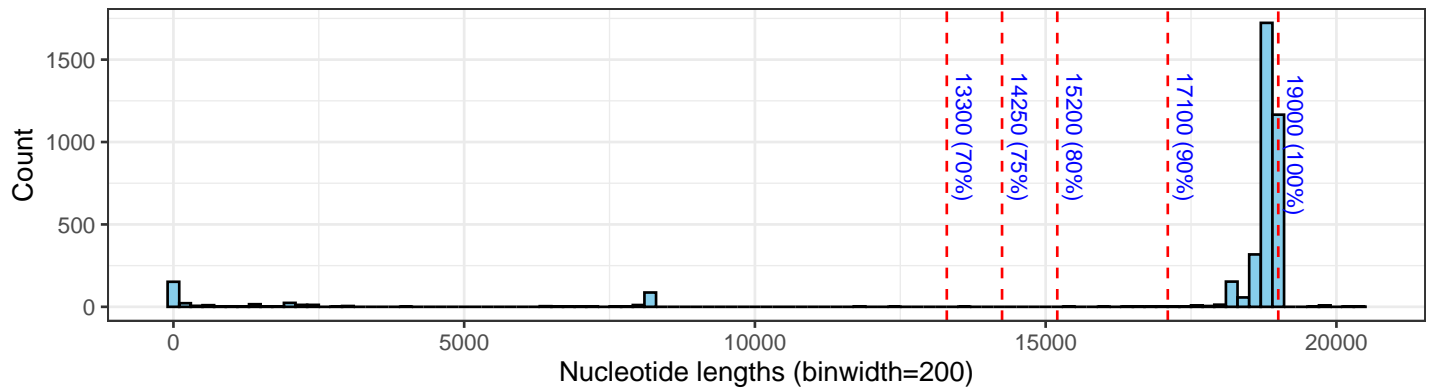


Background

Exploratory Graphics

NCBI GenBank records

Diagnostic plot to estimate min-length filter for phylogenetic analysis (all data = 3855)



Frequency and proportion (n=3552)

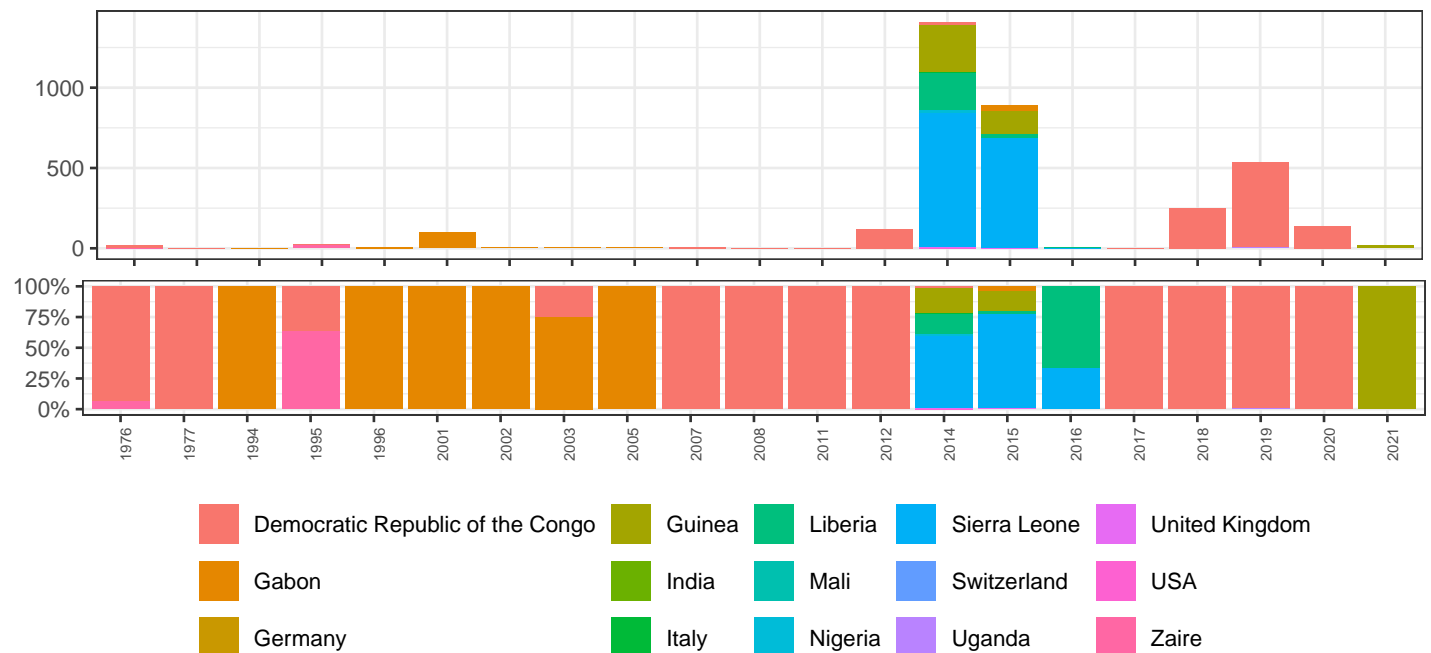


Table 1: Top 25 most frequent sequence submitters with their region and countries

authors	n	regions	countries
akonga-okito et al.	561	Africa	Democratic Republic of the Congo
arias et al.	554	Africa	Sierra Leone
kinganda-lusamaki et al.	280	Africa	Democratic Republic of the Congo
jansen van vuren et al.	218	Africa	Sierra Leone
carroll et al.	198	Africa, NA	Democratic Republic of the Congo, Gabon, Guinea, Liberia, Sierra Leone
tong et al.	175	Africa	Sierra Leone
goba et al.	150	Africa	Sierra Leone
kugelman et al.	142	Africa, NA	Liberia, Sierra Leone, Democratic Republic of the Congo, NA
ladner et al.	140	Africa	Liberia
whitmer et al.	130	Africa, North America	Sierra Leone, Liberia, USA, Guinea
quick et al.	117	Africa	Guinea
gire et al.	99	Africa	Sierra Leone
guedj et al.	92	Africa	Gabon
simon-lorieri et al.	85	Africa	Guinea
wang et al.	70	NA, Africa	NA, Sierra Leone
yasuda et al.	62	NA	NA
mbala-kingebeni et al.	61	Africa	Democratic Republic of the Congo
jiang et al.	50	Africa	Sierra Leone
smits et al.	49	Africa	Sierra Leone
piorkowski et al.	37	Africa	Gabon, Guinea
kurosaki et al.	31	NA	NA
postigo hidalgo et al.	23	Africa	Guinea
wittmann et al.	22	Africa	Gabon
wiley et al.	21	Africa	Liberia
niman et al.	20	NA	NA

Table 2: Top 20 earliest records

date_adjusted	accession	host	country	authors
1976-01-01	KC242801	Homo sapiens	Democratic Republic of the Congo	Carroll et al.
1976-01-01	KM655246	Homo sapiens	Zaire	Kuhn et al.
1976-01-01	KY425630	Homo sapiens	Democratic Republic of the Congo	Sword et al.
1976-01-01	KY425637	Homo sapiens	Democratic Republic of the Congo	Honko et al.
1976-01-01	KY425639	Homo sapiens	Democratic Republic of the Congo	Honko et al.
1976-01-01	KY425647	Homo sapiens	Democratic Republic of the Congo	Postnikova et al.
1976-01-01	KY425649	Homo sapiens	Democratic Republic of the Congo	Sword et al.
1976-01-01	KY425652	Homo sapiens	Democratic Republic of the Congo	Cai et al.
1976-01-01	KY425656	Homo sapiens	Democratic Republic of the Congo	Cai et al.
1976-01-01	MH121166	Homo sapiens	Democratic Republic of the Congo	Bruce et al.
1976-01-01	MH121168	Homo sapiens	Democratic Republic of the Congo	Minogue et al.
1976-01-01	MK114118	Homo sapiens	Democratic Republic of the Congo	Bruce et al.
1976-01-01	MT583339	Homo sapiens	Democratic Republic of the Congo	Lopera et al.
1976-01-01	MT583340	Homo sapiens	Democratic Republic of the Congo	Lopera et al.
1976-10-01	KR063671	Homo sapiens	Democratic Republic of the Congo	Das et al.
1976-10-01	KU978802	Homo sapiens	Democratic Republic of the Congo	Rossi et al.
1977-01-01	KC242791	Homo sapiens	Democratic Republic of the Congo	Carroll et al.
1994-01-01	KC242792	Homo sapiens	Gabon	Carroll et al.
1995-01-01	KC242796	Homo sapiens	Democratic Republic of the Congo	Carroll et al.
1995-01-01	KC242799	Homo sapiens	Democratic Republic of the Congo	Carroll et al.