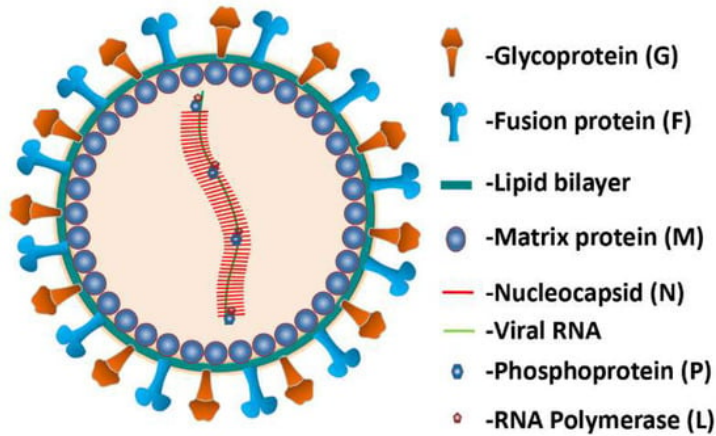


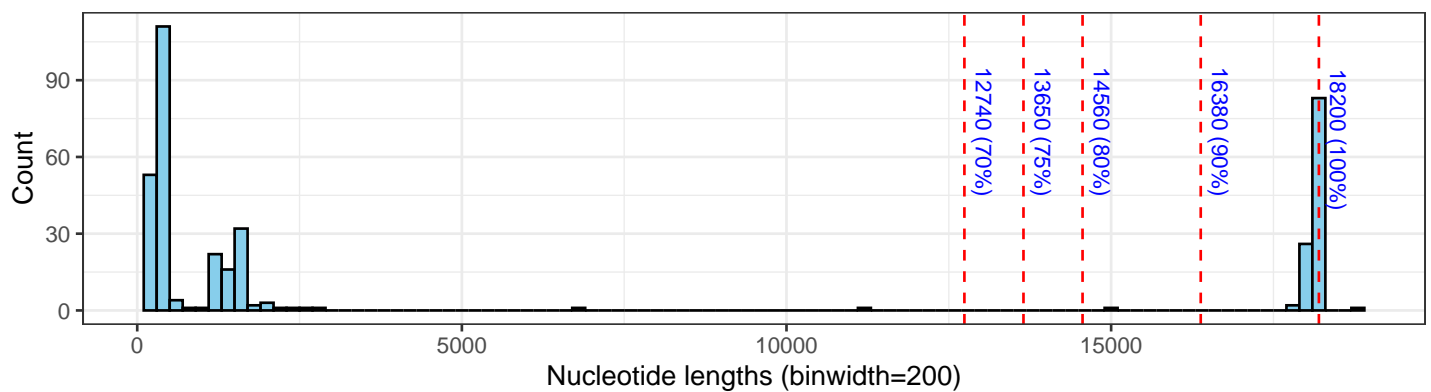
## Background

Nipah genome based on "Nipah Virus: Past Outbreaks and Future Containment" by Vinood Soman Pillai, Gayathri Krishna, and Mohanan Valiya Veetil Figure 1:



## NCBI GenBank records

Diagnostic plot to estimate min-length filter for phylogenetic analysis (all data = 364)



Frequency and proportion (n=277)

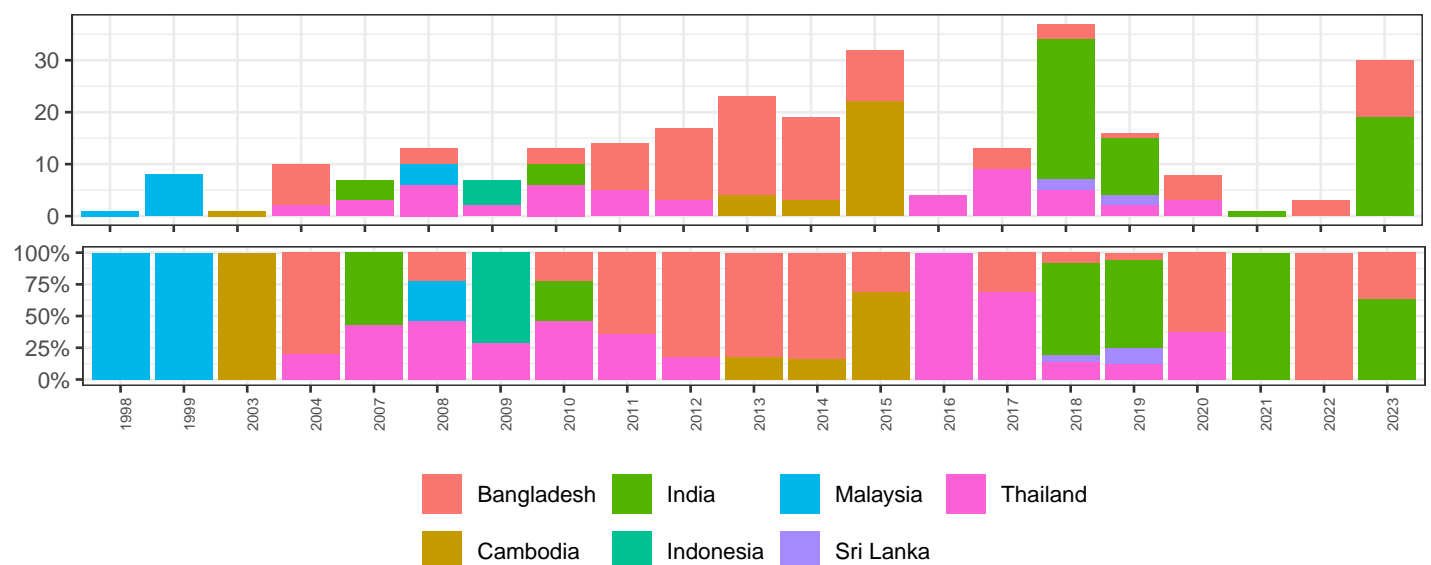


Table 1: Top 10 earliest records

date_adjusted	accession	host	country	abbr_authors
1998-01-01	PQ463988	Homo sapiens	Malaysia	Peng et al.
1999-01-01	KY425646	Homo sapiens	Malaysia	Johnson et al.
1999-01-01	KY425655	Homo sapiens	Malaysia	Honko et al.
1999-01-01	MK673561	Sus scrofa domesticus	Malaysia	Whitmer et al.
1999-01-01	MK673562	Homo sapiens	Malaysia	Whitmer et al.
1999-03-25	MK673558	Sus scrofa domesticus	Malaysia	Whitmer et al.
1999-03-25	MK673559	Sus scrofa domesticus	Malaysia	Whitmer et al.
1999-03-26	MK673560	Sus scrofa domesticus	Malaysia	Whitmer et al.
1999-04-03	MK673563	Canis lupus familiaris	Malaysia	Whitmer et al.
2003-01-01	MK801755	Pteropus lylei	Cambodia	Gaudino et al.

”First identified [nipah] during an outbreak in Malaysia in humans and swine in 1998” from Wacharapluesadee, et al, 2021. Two decades of one health surveillance of Nipah virus in Thailand. One Health Outlook, 3, pp.1-14.

**For further reading:**

- Chua, et al, 1999. Fatal encephalitis due to Nipah virus among pig-farmers in Malaysia. The Lancet, 354(9186), pp.1257-1259.

Table 2: Top 25 most frequent sequence submitters with their region and countries

authors	n	regions	countries
wacharapluesadee et al.	97	Asia	Thailand
yadav et al.	56	Asia	India
rahman et al.	55	Asia	Malaysia, Bangladesh
whitmer et al.	34	Asia	Malaysia, Bangladesh
azuero et al.	26	Asia	Cambodia
olival et al.	19	Asia	Bangladesh
anderson et al.	11	Asia	Bangladesh
lo et al.	9	Asia, NA	Bangladesh, NA
hassan et al.	7	Asia	Bangladesh
?	6	Asia	Thailand
arunkumar et al.	6	Asia	India
sendow et al.	5	Asia	Indonesia
abubakar et al.	4	NA, Asia	NA, Malaysia
arankalle et al.	4	Asia	India
kohl et al.	4	Asia	Sri Lanka
duong et al.	3	Asia	Cambodia
harcourt et al.	3	NA, Asia	NA, Bangladesh
sharifah et al.	3	Asia	Malaysia
chan et al.	2	Asia	Malaysia
chua et al.	2	NA, Asia	NA, Malaysia
reynes et al.	2	Asia	Cambodia
bennett et al.	1	NA	Missing
gaudino et al.	1	Asia	Cambodia
honko et al.	1	Asia	Malaysia
johnson et al.	1	Asia	Malaysia