

This "Global - Other" report aggregates the available data from countries besides those I regularly report on: Australia, NZ, the US, Canada and Europ.

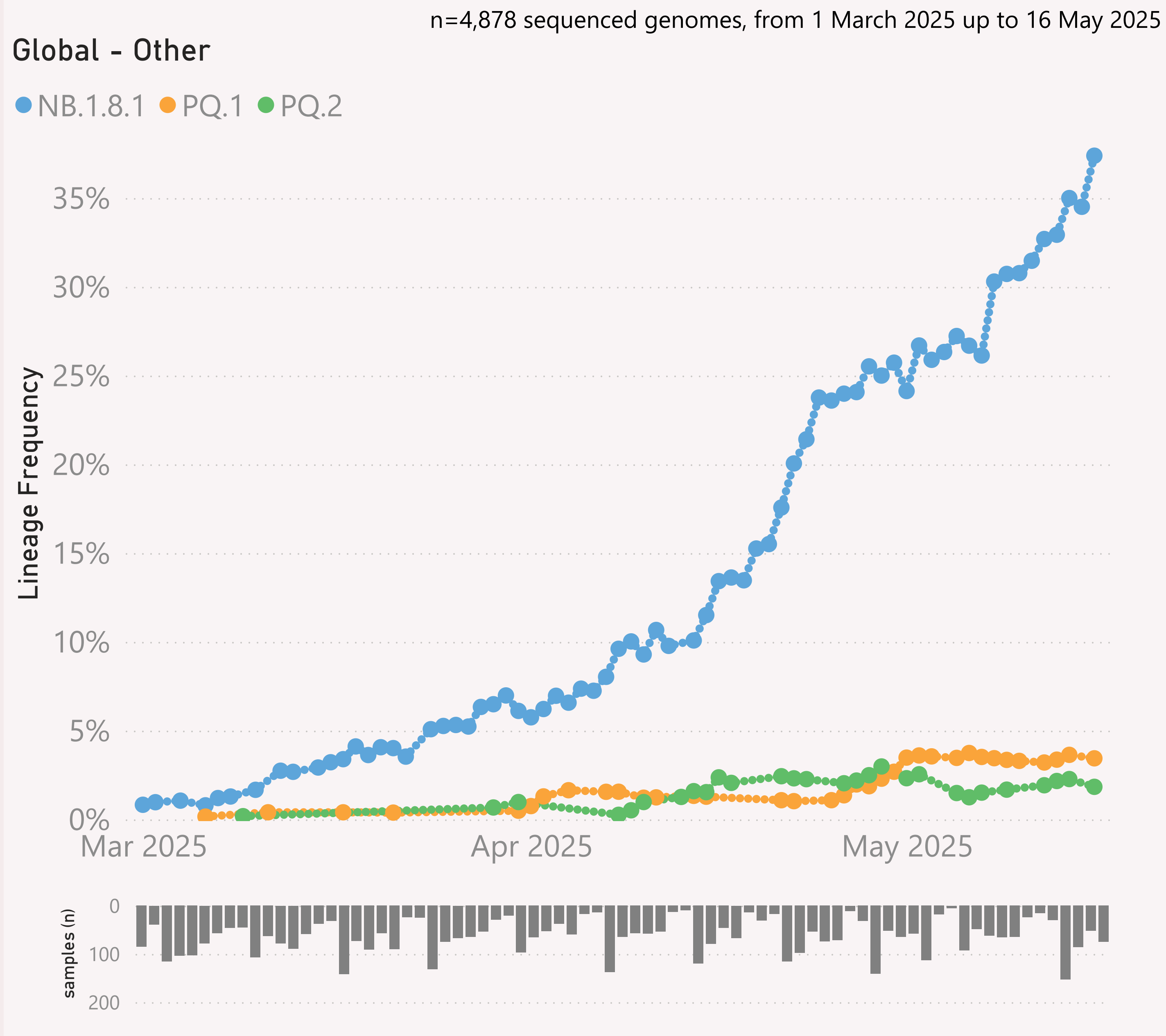
This page shows the frequency of the top 6 "L2" lineages, across recent months.

The detailed Lineage classifications are provided by Nextclade. I roll those up into "L2" groups, which roughly follow the WHO Variant definitions. For example, my "BA.2.86.*" group includes BA.2.86 and all it's descendants, e.g. the JN.* lineages.

The frequency shown at each point is based on the 7-day rolling average across all lineages.

The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

The frequency results calculated for the most recent dates might not be representative, due to those lower sample sizes.



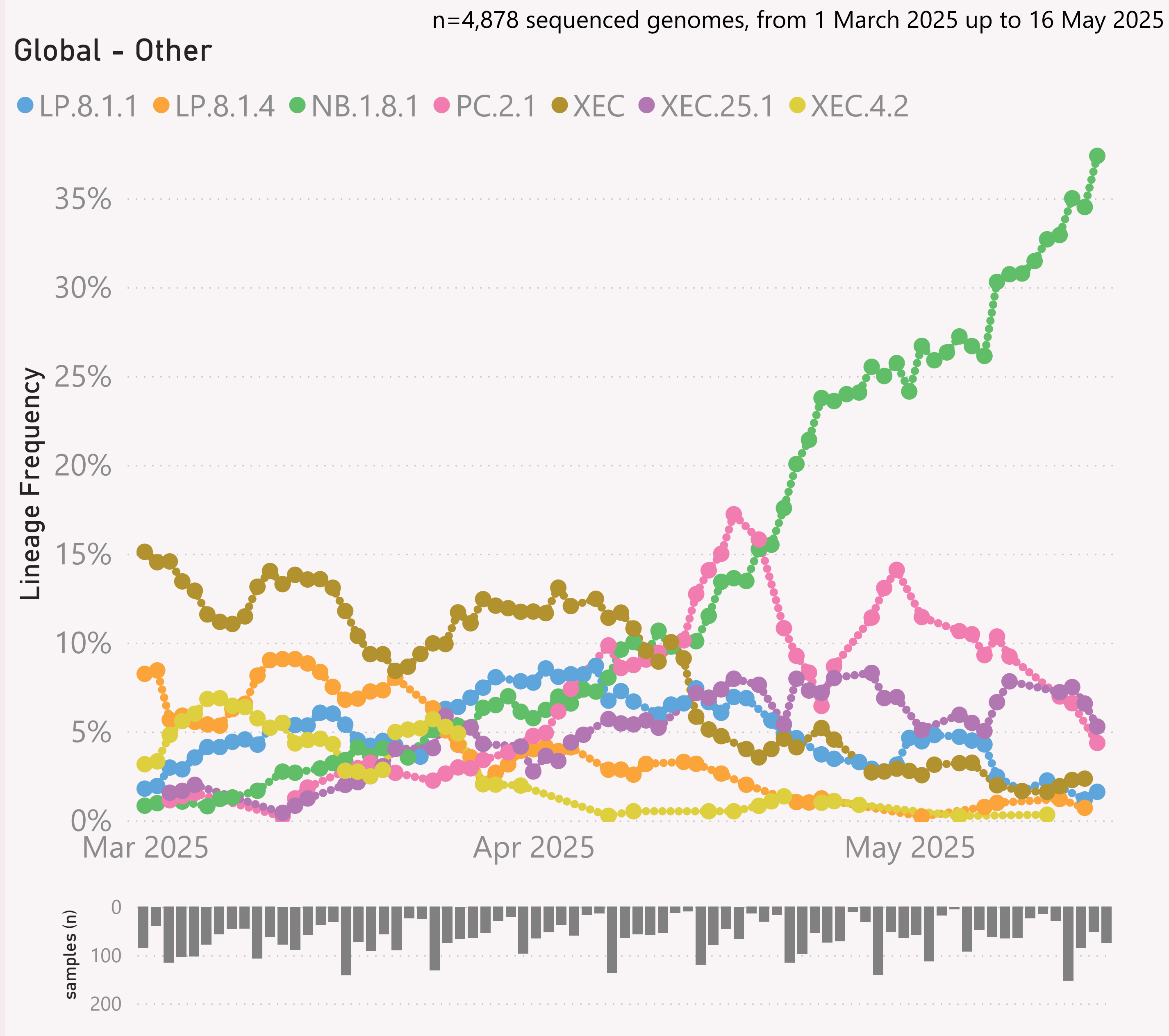
This page shows the frequency of the top 7 lineages, across recent months. The lineages are filtered for a "Lineage L2" group of interest, currently NB.1.8.1.* Nimbus.

The Lineage classifications are provided by Nextclade. The colour assignments are random.

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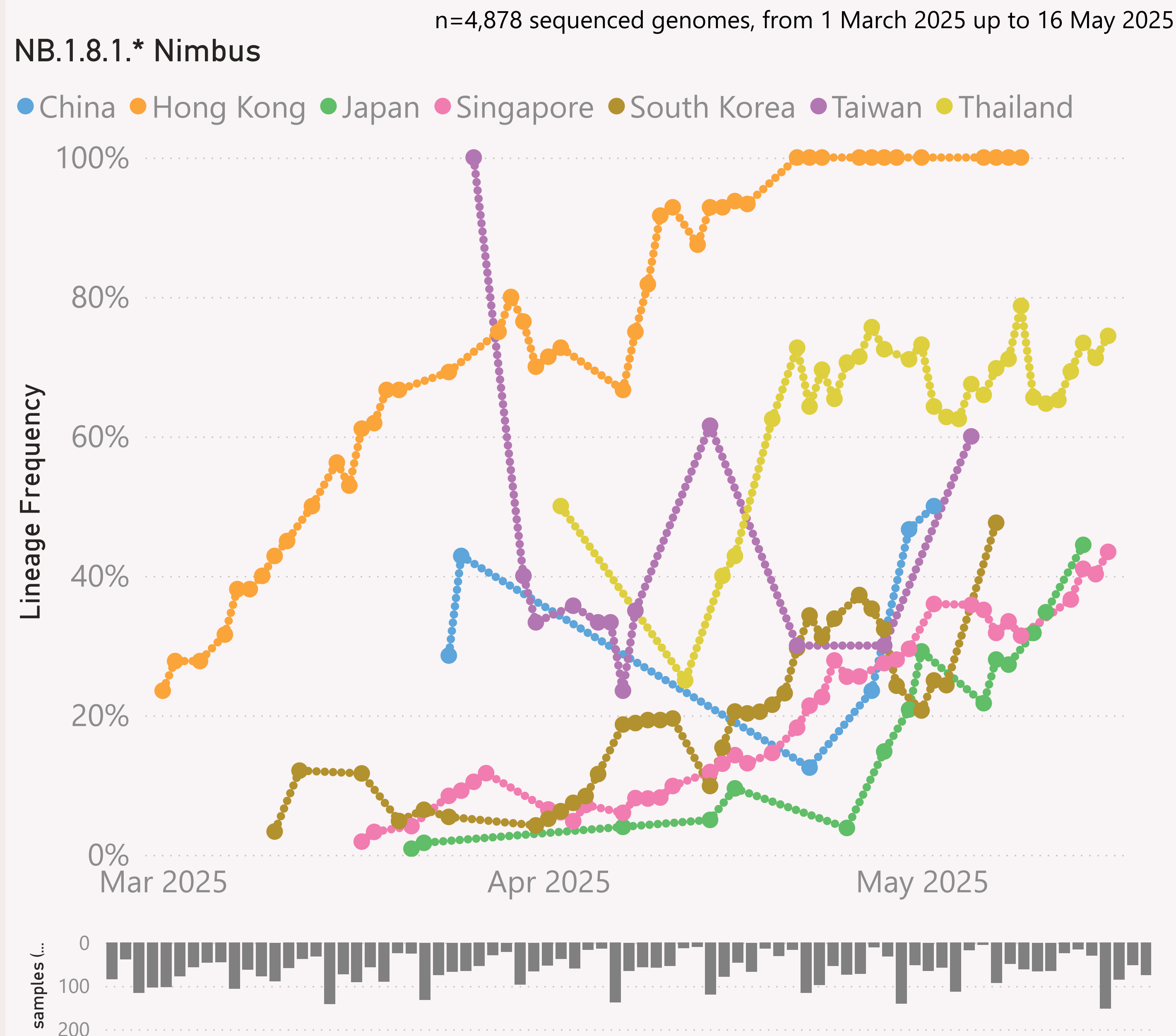
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This page shows the frequency of a selected "Lineage L2" group of interest, for the 7 countries reporting the most samples over recent months.

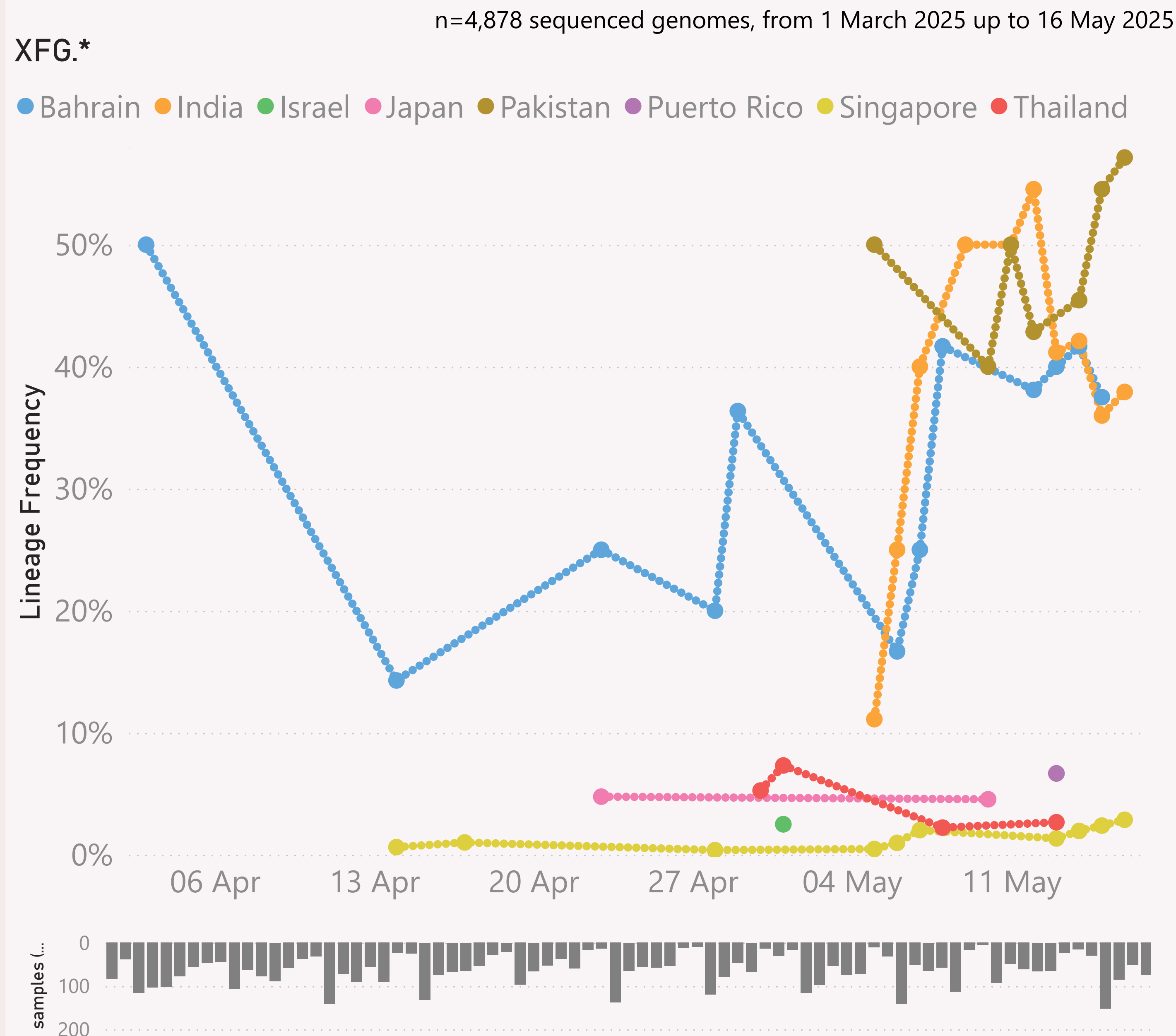
The detailed Lineage classifications are provided by Nextclade. I roll those up into "L2" groups, which roughly follow the WHO Variant definitions. For example, my "JN.1.* +FLiRT" group includes the descendants of JN.1.* with the mutations: F456L & R346T.

The detailed Lineage classifications are quite numerous and dynamic, so the "Lineage L2" groups give a simpler and more stable basis for analysis and comparison.

The frequency shown at each point is based on the 7-day rolling average across all lineages, for that country.

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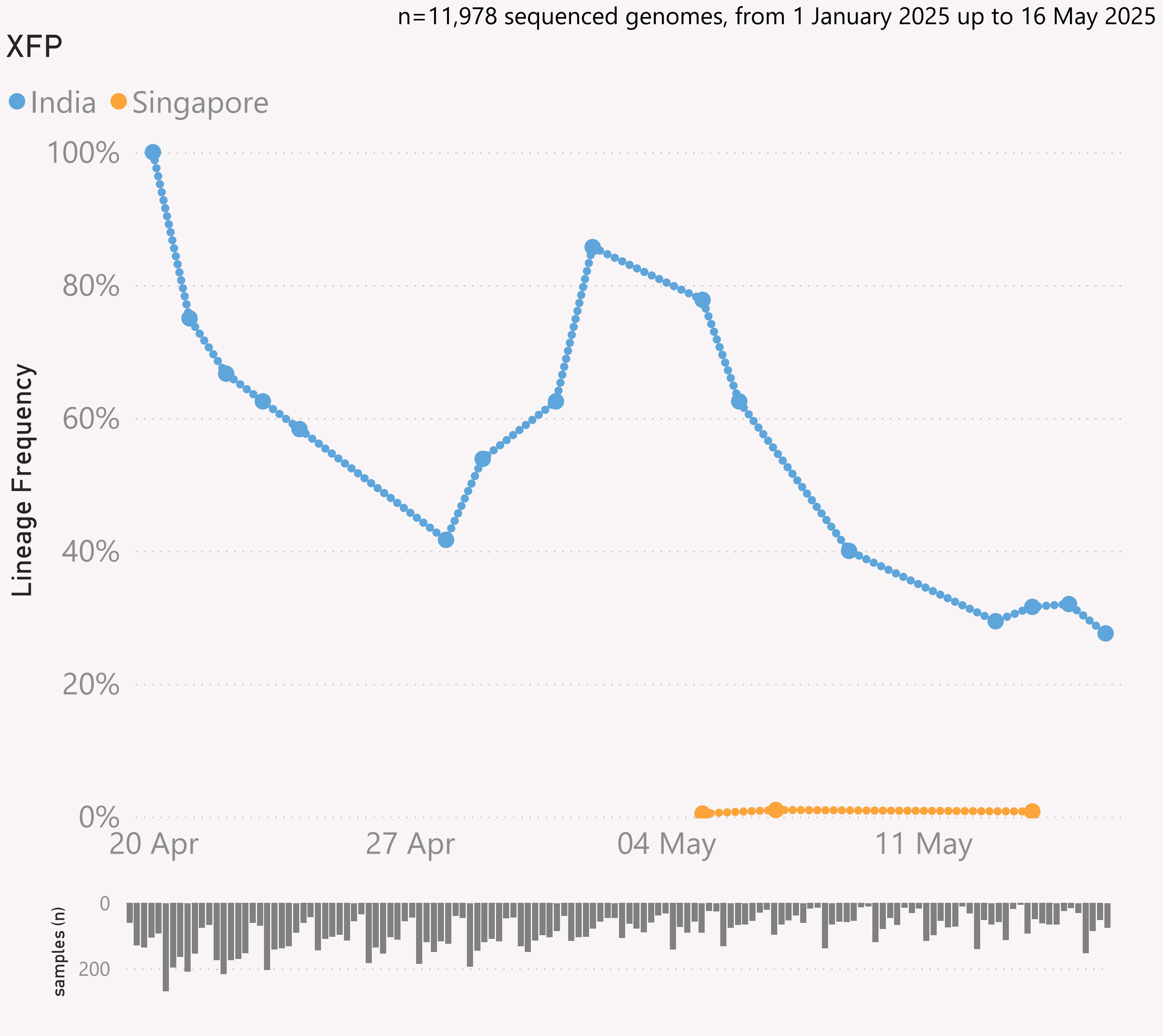
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Date

01/01/2025

31/12/2025

Continent, Country, Location

All

Lineage L2, Lineage (nextclade)

XFP.* (Lineage L2) + XFP (Lineage (nextclad...

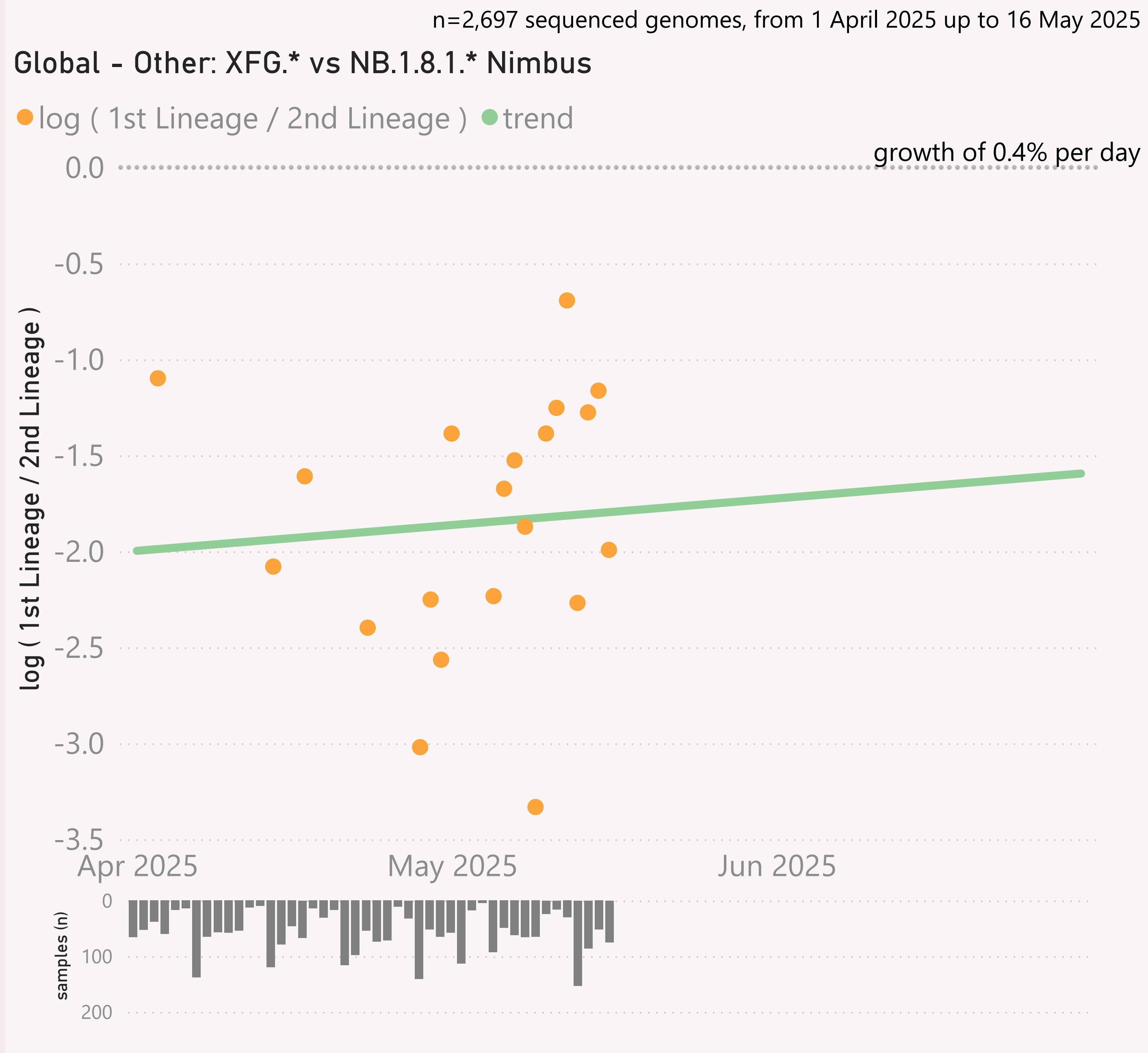
Samples Sequenced (gisaid)

29

Host

Human

Country	Location	Addi...	Collection date	Lineage L2	Lineage (nextcla
India	Tamil Nadu		16/05/2025	XFP.*	XFP
India	Kerala		15/05/2025	XFP.*	XFP
India	Tamil Nadu		15/05/2025	XFP.*	XFP
Singapore			14/05/2025	XFP.*	XFP
India	Tamil Nadu		14/05/2025	XFP.*	XFP
India	Tamil Nadu		13/05/2025	XFP.*	XFP
India	Tamil Nadu		09/05/2025	XFP.*	XFP
Singapore			07/05/2025	XFP.*	XFP
India	Andhra Pradesh		06/05/2025	XFP.*	XFP
Singapore			05/05/2025	XFP.*	XFP
India	Andhra Pradesh		05/05/2025	XFP.*	XFP
India	Tamil Nadu		05/05/2025	XFP.*	XFP
India	Tamil Nadu		02/05/2025	XFP.*	XFP
India	Tamil Nadu		01/05/2025	XFP.*	XFP
India	Tamil Nadu		29/04/2025	XFP.*	XFP
India	Tamil Nadu		28/04/2025	XFP.*	XFP
India	Tamil Nadu		24/04/2025	XFP.*	XFP
India	Tamil Nadu		23/04/2025	XFP.*	XFP
India	Tamil Nadu		22/04/2025	XFP.*	XFP
India	Tamil Nadu		21/04/2025	XFP.*	XFP
India	Tamil Nadu		20/04/2025	XFP.*	XFP
Total					

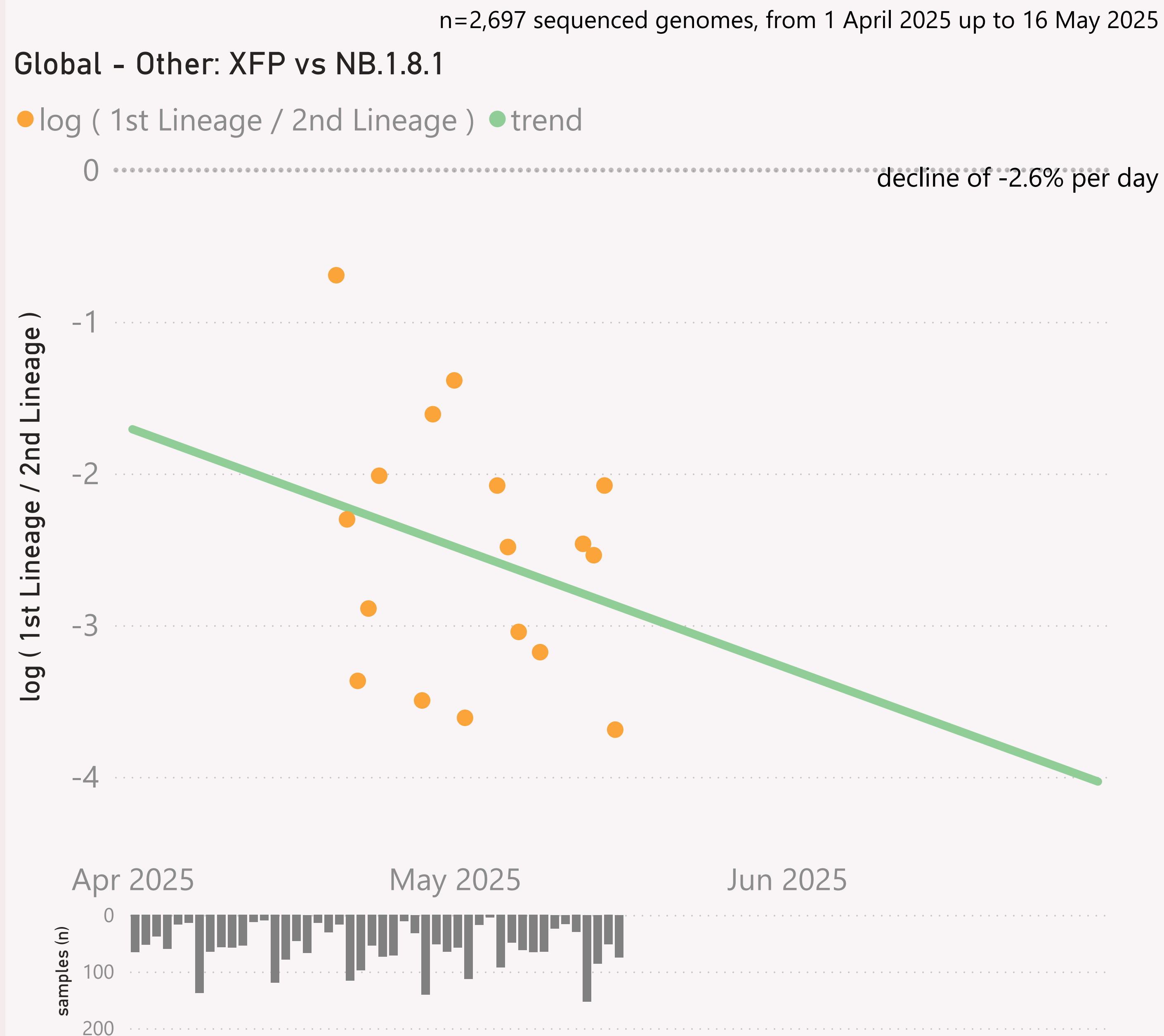


This page compares the relative frequency of 2 selected "Lineage L2" groups, over recent months. A challenging Lineage L2 is selected first, and compared to the incumbent.

The trend is shown as a green line and expressed as a daily growth % advantage. If the green line crosses over the 0.0 line, the date when that occurred or is predicted to occur will be shown. At that point the challenging Lineage L2 is considered to have "crossed over" or taken over dominance from the incumbent Lineage L2.

The Lineage classifications are provided by Nextclade. I add the "Lineage L2" groups, typically following common variant groupings, but occasionally being "creative".

The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.



This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

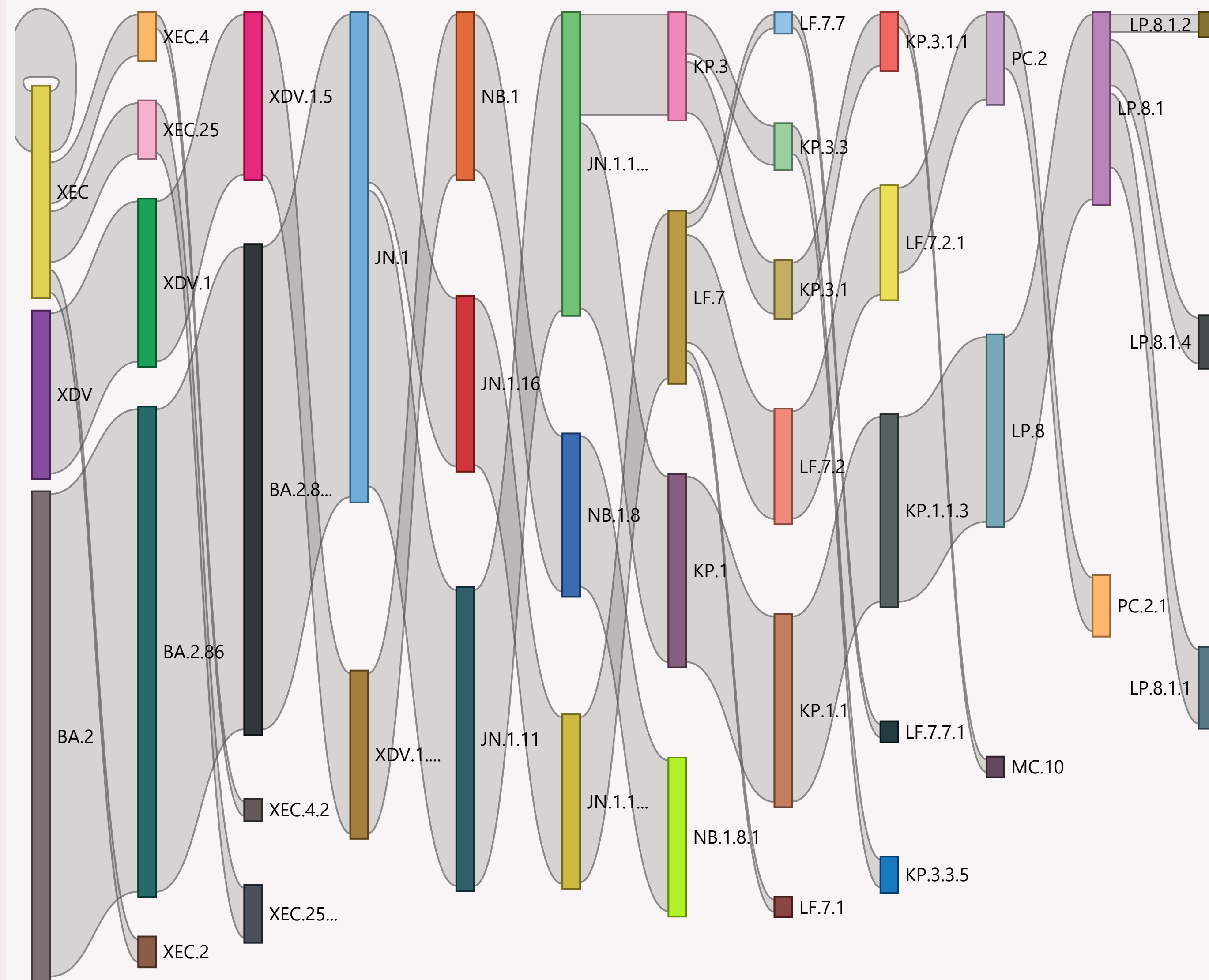
The trend is shown as a green line and expressed as a daily growth % advantage. If the green line crosses over the 0.0 line, the date when that occurred or is predicted to occur will be shown. At that point the challenging Lineage is considered to have "crossed over" or taken over dominance from the incumbent Lineage

The Lineage classifications are provided by Nextclade.

The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

n=4,878 sequenced genomes, from 1 March 2025 up to 16 May 2025

Global - Other



This page shows the hierarchy of the significant Lineages, over recent months.

The hierarchy can be read from left to right, starting with the earliest/highest Lineages being broken down into more detailed child Lineages.

The vertical height of each bar segment represents the relative volume of all the samples of that specific Lineage, as well as all it's descendants.

The full picture is typically quite busy, so insignificant Lineages (with few samples, or at the extreme top or bottom of the hierarchy) are not shown.

The Lineage classifications are provided by Nextclade.

Data Submitted in the last 8 weeks

Country	# Samples Sequenced	Latest Collection date	by Collection date	Latest Submission date	by Submission date
<div>+ Singapore</div>	1,382	16/05/2025		10/05/2025	
<div>+ Japan</div>	1,048	15/05/2025		10/05/2025	
<div>+ Brazil</div>	942	13/05/2025		10/05/2025	
<div>+ South Korea</div>	560	07/05/2025		10/05/2025	
<div>+ Thailand</div>	291	16/05/2025		10/05/2025	
<div>+ Chile</div>	246	22/04/2025		05/05/2025	
<div>+ Peru</div>	198	01/04/2025		10/05/2025	
<div>+ Mexico</div>	187	13/05/2025		10/05/2025	
<div>+ Argentina</div>	171	31/03/2025		10/05/2025	
<div>+ Costa Rica</div>	124	27/04/2025		10/05/2025	
<div>+ Puerto Rico</div>	113	16/05/2025		10/05/2025	
<div>+ Hong Kong</div>	99	09/05/2025		10/05/2025	
<div>+ Kazakhstan</div>	95	07/02/2024		08/05/2025	
<div>+ Taiwan</div>	85	05/05/2025		09/05/2025	
<div>+ China</div>	82	02/05/2025		10/05/2025	
<div>+ Guatemala</div>	76	25/04/2025		10/05/2025	
<div>+ Malaysia</div>	74	11/02/2025		10/05/2025	
<div>+ Bahrain</div>	71	15/05/2025		10/05/2025	
<div>+ Israel</div>	71	01/05/2025		10/05/2025	
<div>+ India</div>	63	16/05/2025		10/05/2025	
<div>+ Bhutan</div>	37	16/12/2024		15/04/2025	
<div>+ Oman</div>	36	15/02/2025		13/04/2025	
<div>+ Ecuador</div>	31	07/04/2025		30/04/2025	
<div>+ French Guiana</div>	31	13/04/2025		25/04/2025	
<div>+ Pakistan</div>	25	16/05/2025		10/05/2025	
<div>+ Mongolia</div>	24	30/05/2024		23/04/2025	
<div>+ Colombia</div>	22	09/04/2025		02/05/2025	
<div>+ Ghana</div>	18	30/04/2025		10/05/2025	
<div>+ Total</div>	6,263	16/05/2025		10/05/2025	

This page shows the volume and currency/timeliness of the genomic sequencing data shared via GISAID, over the last 8 weeks, for the countries sharing the most samples.

Each sample shared comes with a Collection date - when the PCR test for that sample was collected. The GISAID system also records a Submission date for each sample, which is typically the date that sample was uploaded.

The latest date of each type is shown, along with "sparkline"-style mini charts to give a flavour for the spread of recent data by Collection date and by Submission date.