

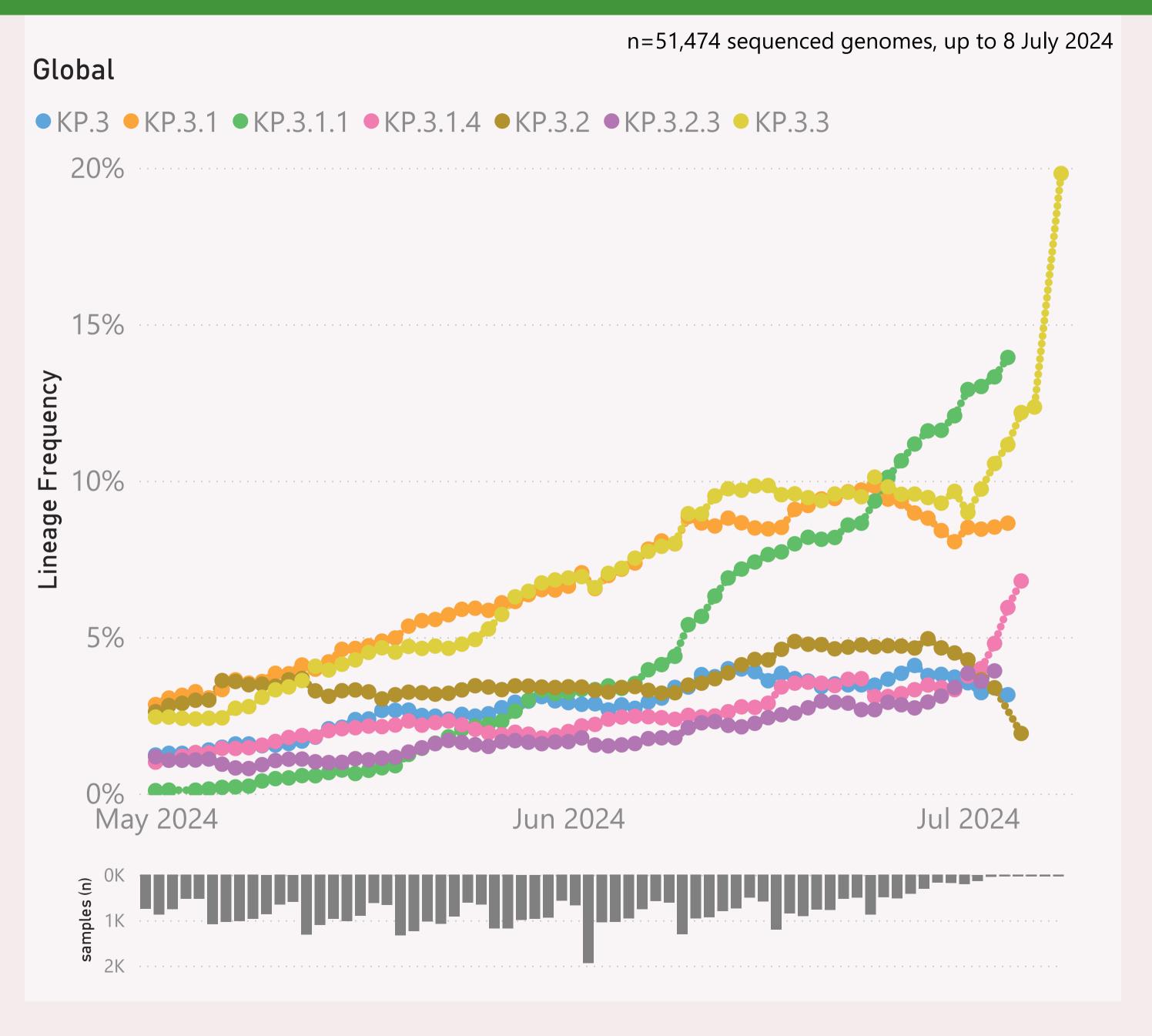
This page shows the frequency of the top 7 "L2" lineages, across recent months.

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 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.

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.

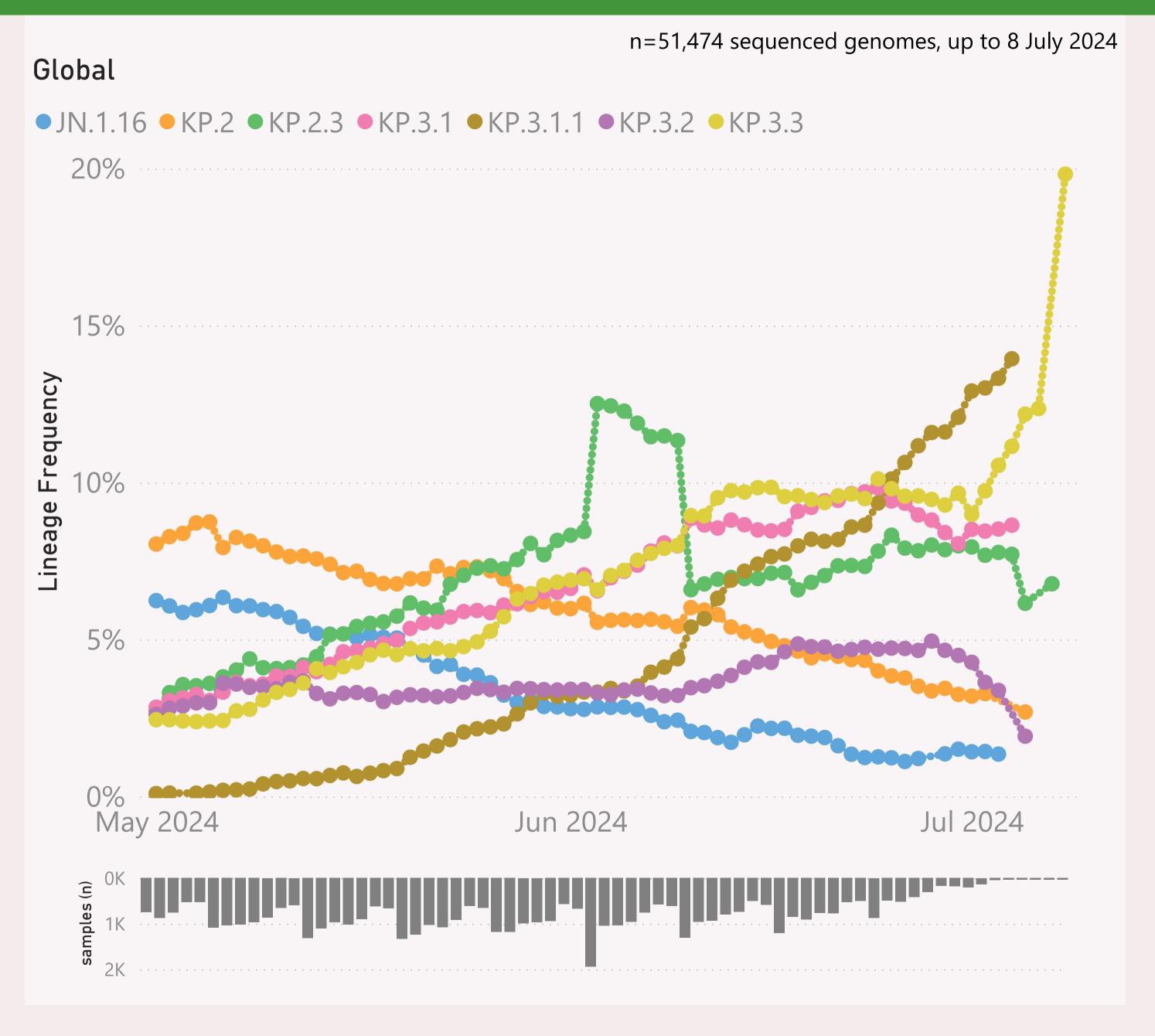


This page shows the frequency of the top 7 lineages, across recent months. The lineages are filtered for a "Lineage L2" group of interest, currently "JN.1.* + FLuQE".

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

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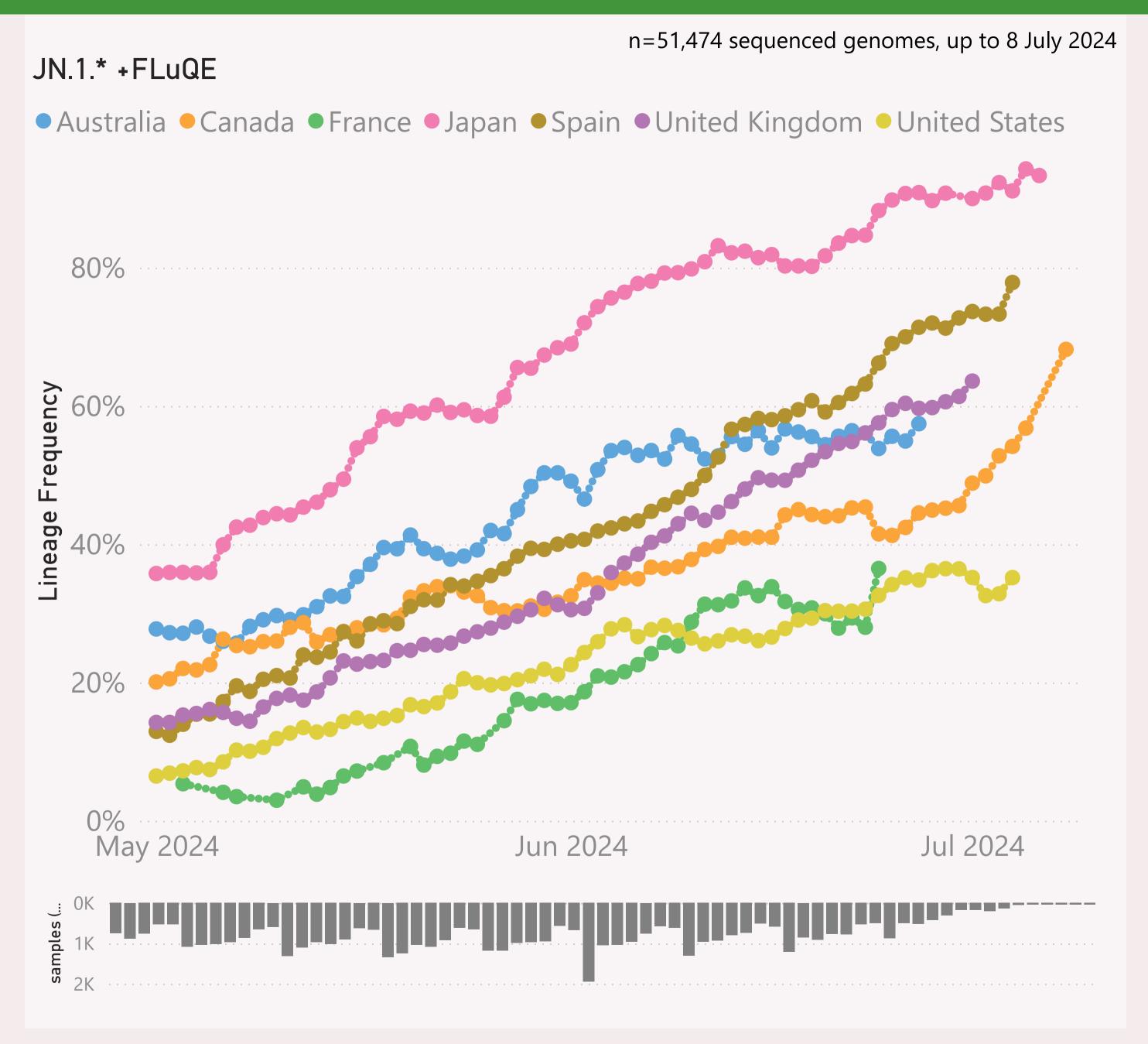


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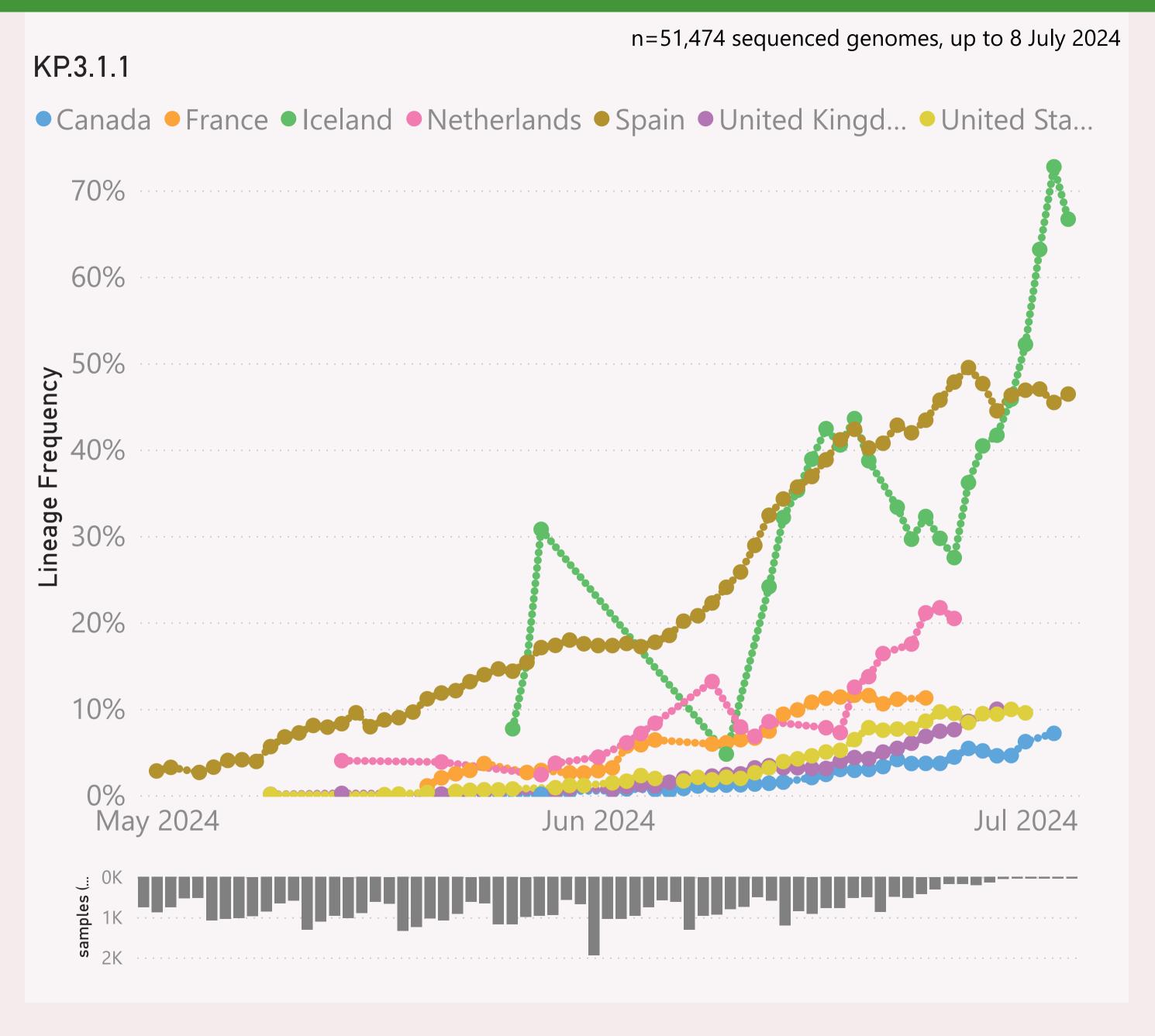
This page shows the frequency of a selected "Lineage L2" group of interest, for the 7 countries reporting the most samples over recent months.

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 state.

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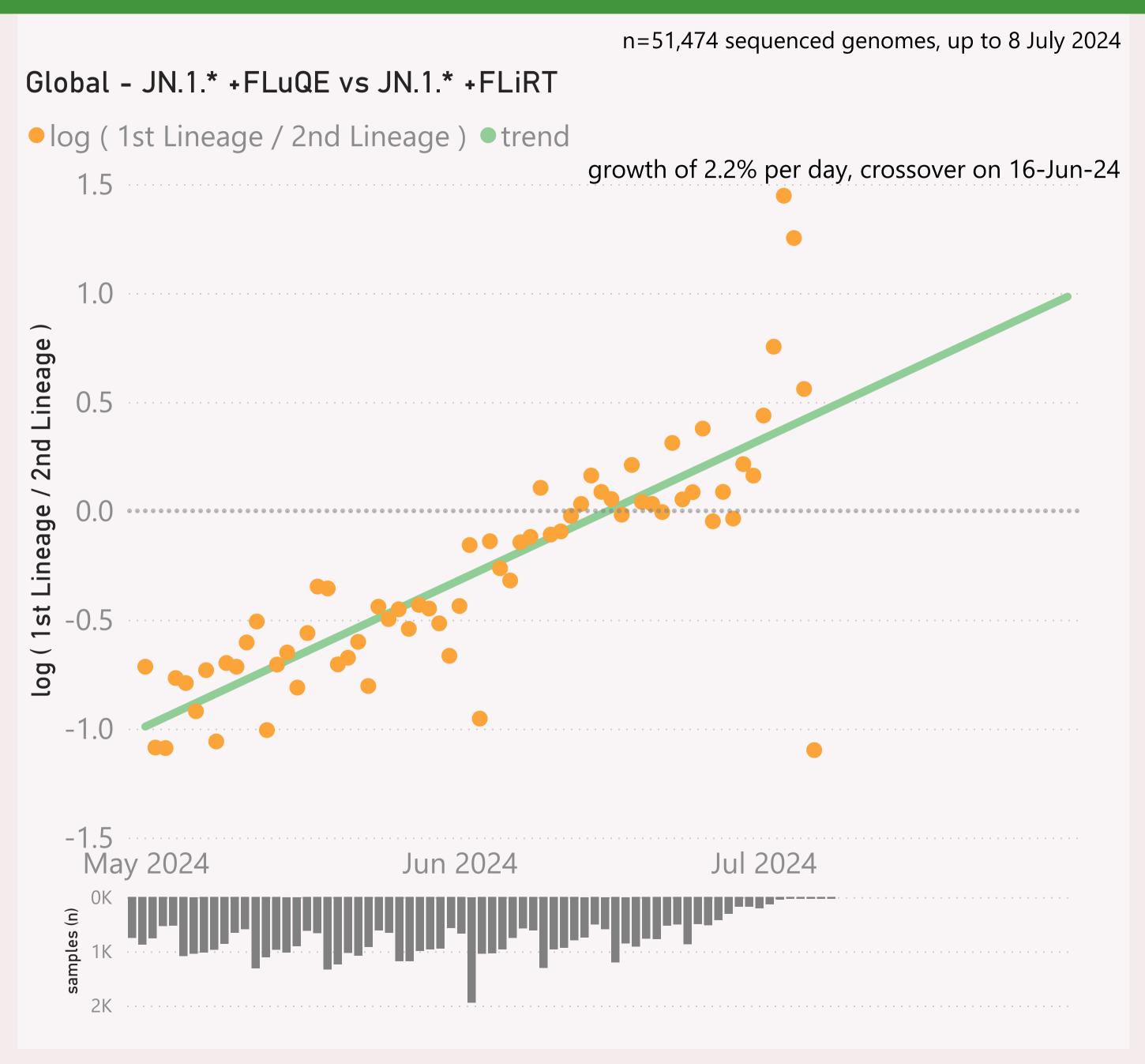


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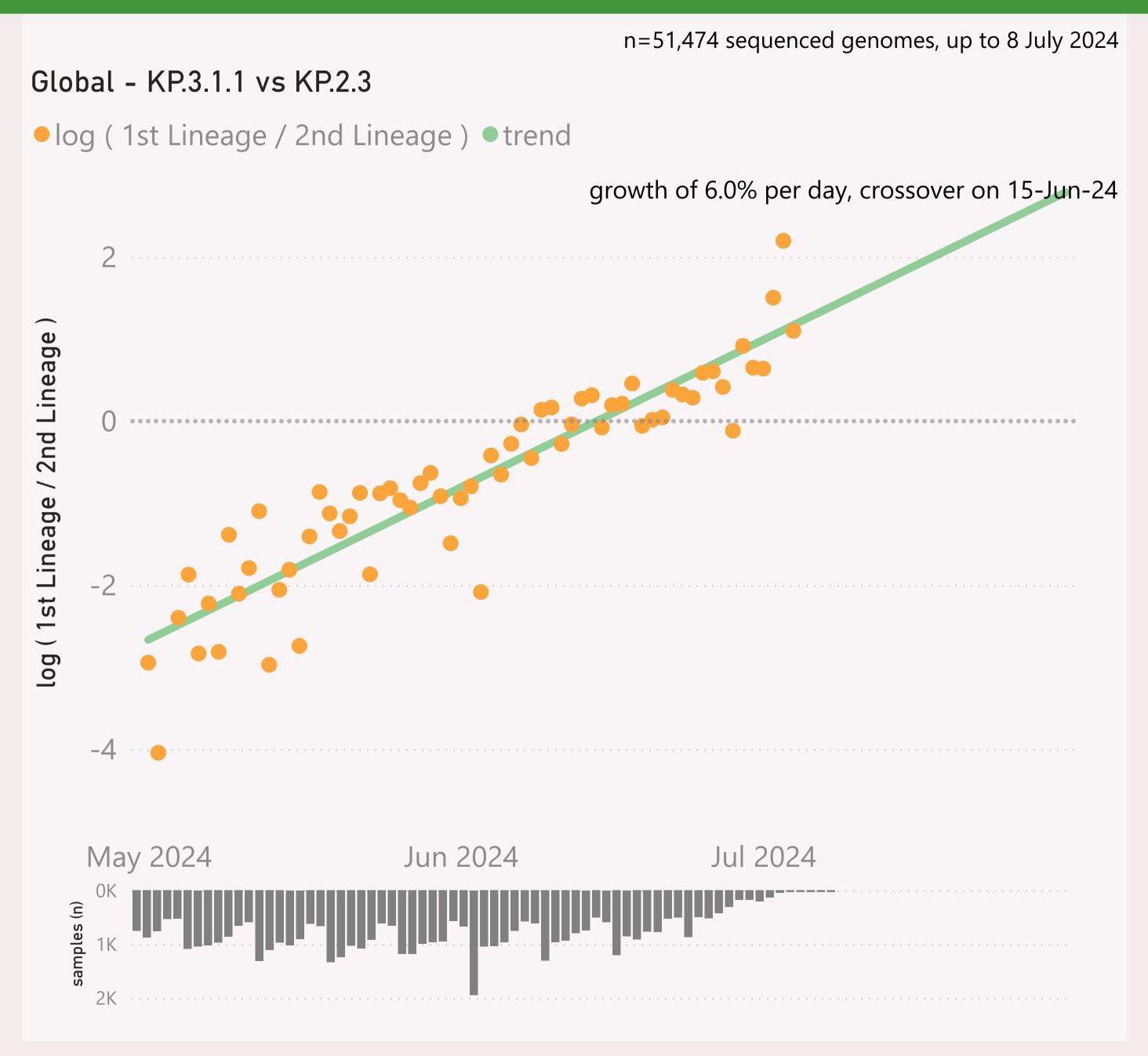


This page compares the relative frequency of 2 selected "Lineage L2" groups, over recent months. A challenging Lineage L2 is selected first, and compared to the incumbent.

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.

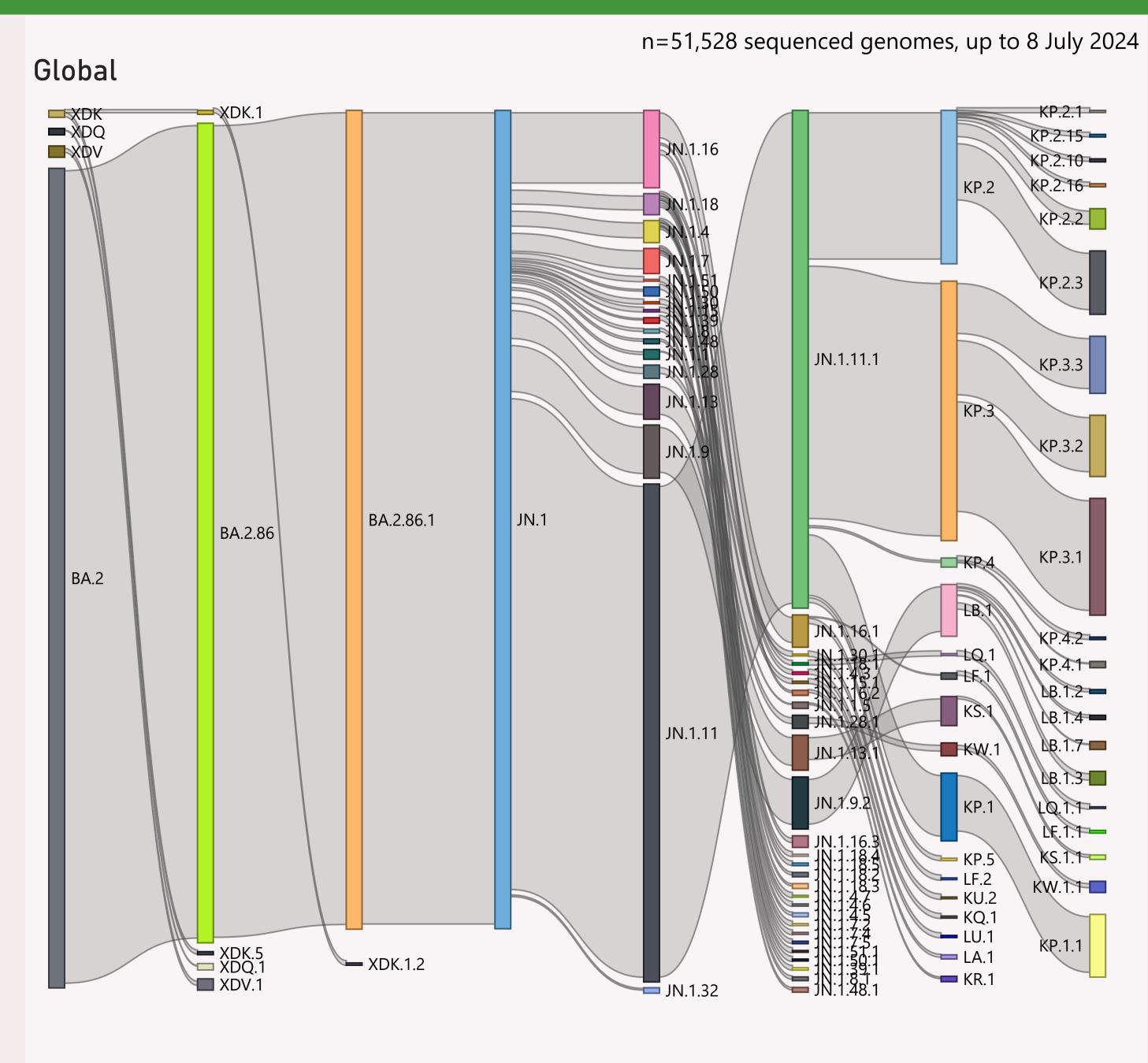


This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

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

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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
	16,244	7/7/2024		7/6/2024	dia aaa aa daadaa ada da
	8,050	7/8/2024		7/6/2024	the tice rather than call fill
	7,684	7/1/2024		7/6/2024	has been been as tracked by
	6,094	7/4/2024		7/6/2024	Language and a standard and a language
⊞ Japan	3,930	7/6/2024	والأأأ أأأ أرابا المتراهات والمتراد	7/6/2024	hat had any any may not said
	3,903	7/3/2024		7/6/2024	Tarania antani
	3,169	6/26/2024	عر بالأأليب و	7/2/2024	
	2,729	6/27/2024		7/6/2024	area manda a dibi
⊕ France	2,240	6/24/2024		7/6/2024	a trackle unlid
	1,058	7/2/2024	and the control of the below to be according to	7/6/2024	a la la
	982	7/3/2024	والأراران المستحدين	7/6/2024	de la la la dispersión de la de
	808	5/28/2024		6/10/2024	
⊕ Brazil	768	6/17/2024	and Millian service.	7/6/2024	a december of
	762	7/5/2024		7/6/2024	
⊞ Hong Kong	592	6/24/2024	illulih i Janua	7/3/2024	
	583	6/27/2024	The second state of the se	7/6/2024	
⊕ Puerto Rico	546	6/15/2024		7/2/2024	and the latest of the latest o
	507	7/2/2024	ahlitadh	7/6/2024	
⊕ Germany	453	6/24/2024	a ualilla	7/6/2024	
	424	6/19/2024	Linn is a	7/6/2024	The state of the state of
⊞ India	403	6/10/2024	ade diditaa	6/29/2024	I a la company
	372	7/1/2024	I	7/6/2024	are at the confine result
	321	6/24/2024	ladkut.	7/1/2024	
⊕ Peru	275	5/20/2024	1	7/6/2024	11 1
⊞ Taiwan	274	7/1/2024	1	7/6/2024	1 1 T
Switzerland	262	6/29/2024	المالماليين	7/6/2024	
⊕ Portugal	247	5/28/2024	أأرن	6/11/2024	
	231	6/5/2024	Increase and III	7/2/2024	
Total	66,935	7/8/2024		7/6/2024	translaminastraminasinalisti

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.