

This page shows the frequency of the top 5 "L2" lineages, across recent months.

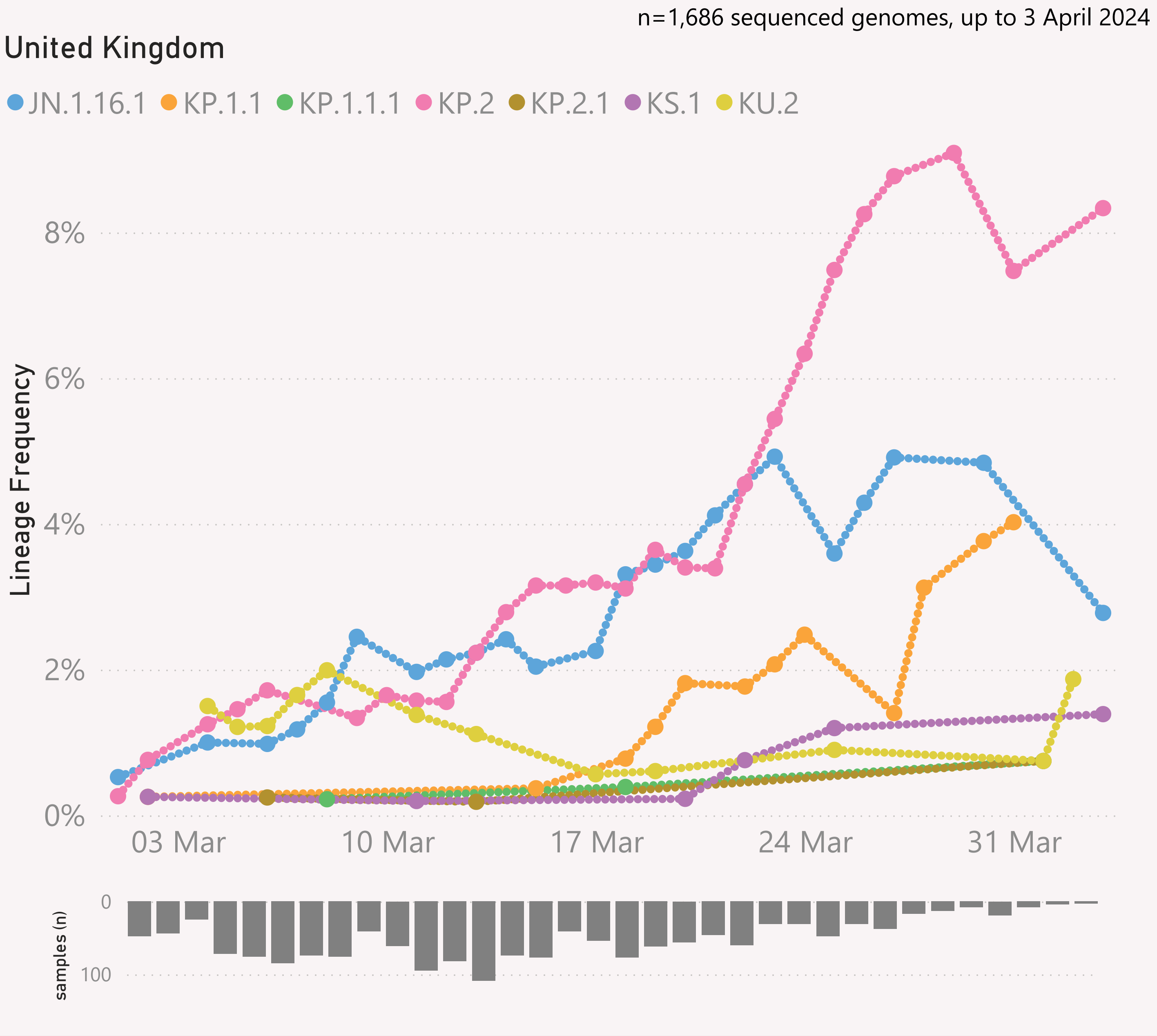
The detailed Lineage classifications are provided by Nextclade. I roll those up into "L2" groups, which roughly follow the WHO Variant definitions. For example, my "BA.2.86.*" group includes BA.2.86 and all it's descendants, e.g. the JN.* lineages.

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.

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



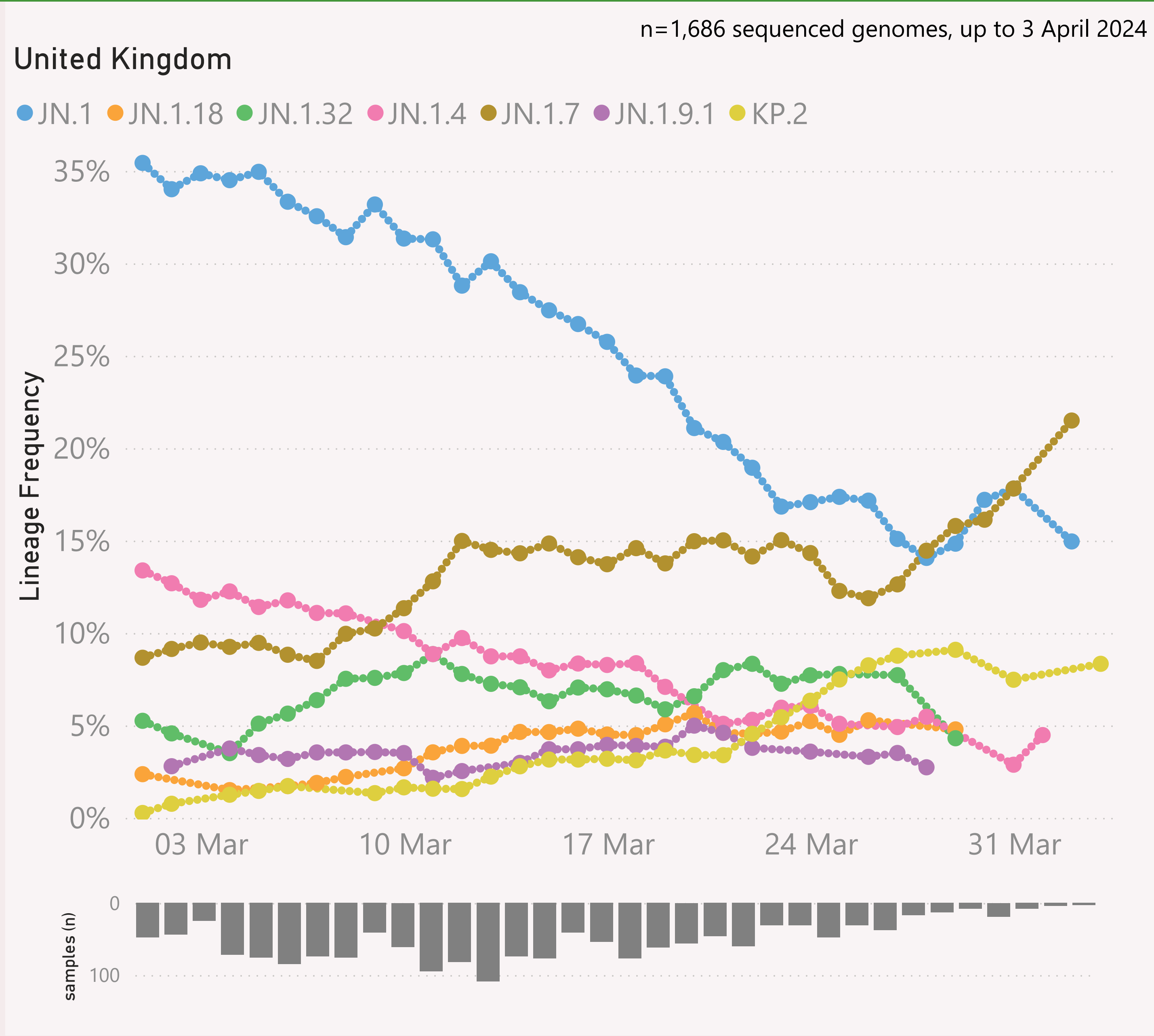
This page shows the frequency of the top 7 lineages, across recent months. The lineages are filtered for a "Lineage L2" group of interest, currently "JN.1.* + FLiRT".

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

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.

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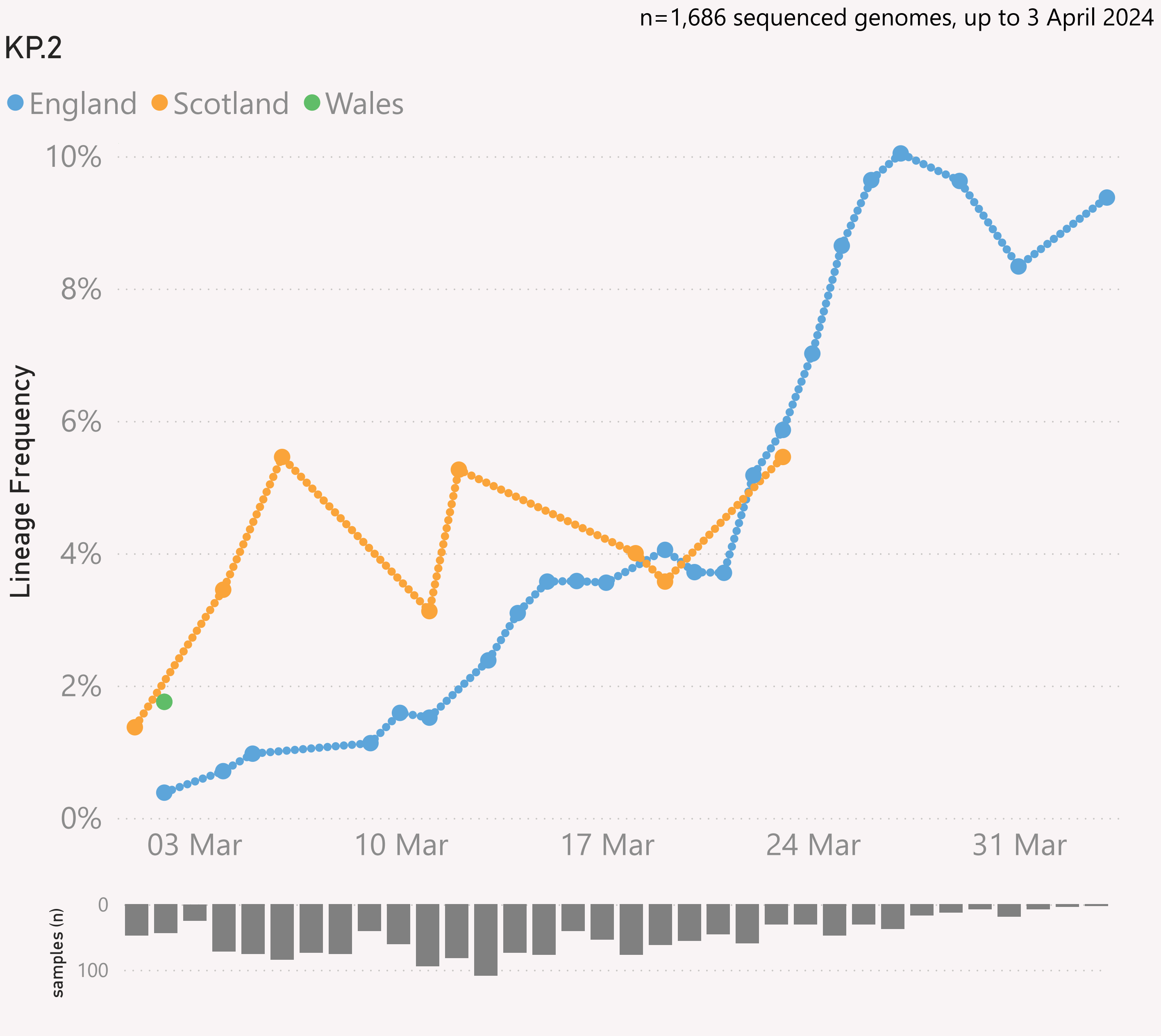
This page shows the frequency of the top 7 lineages, across recent months.

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

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 a selected Lineage of interest, across the countries of the UK, over recent months.

The Lineage classifications are provided by Nextclade.

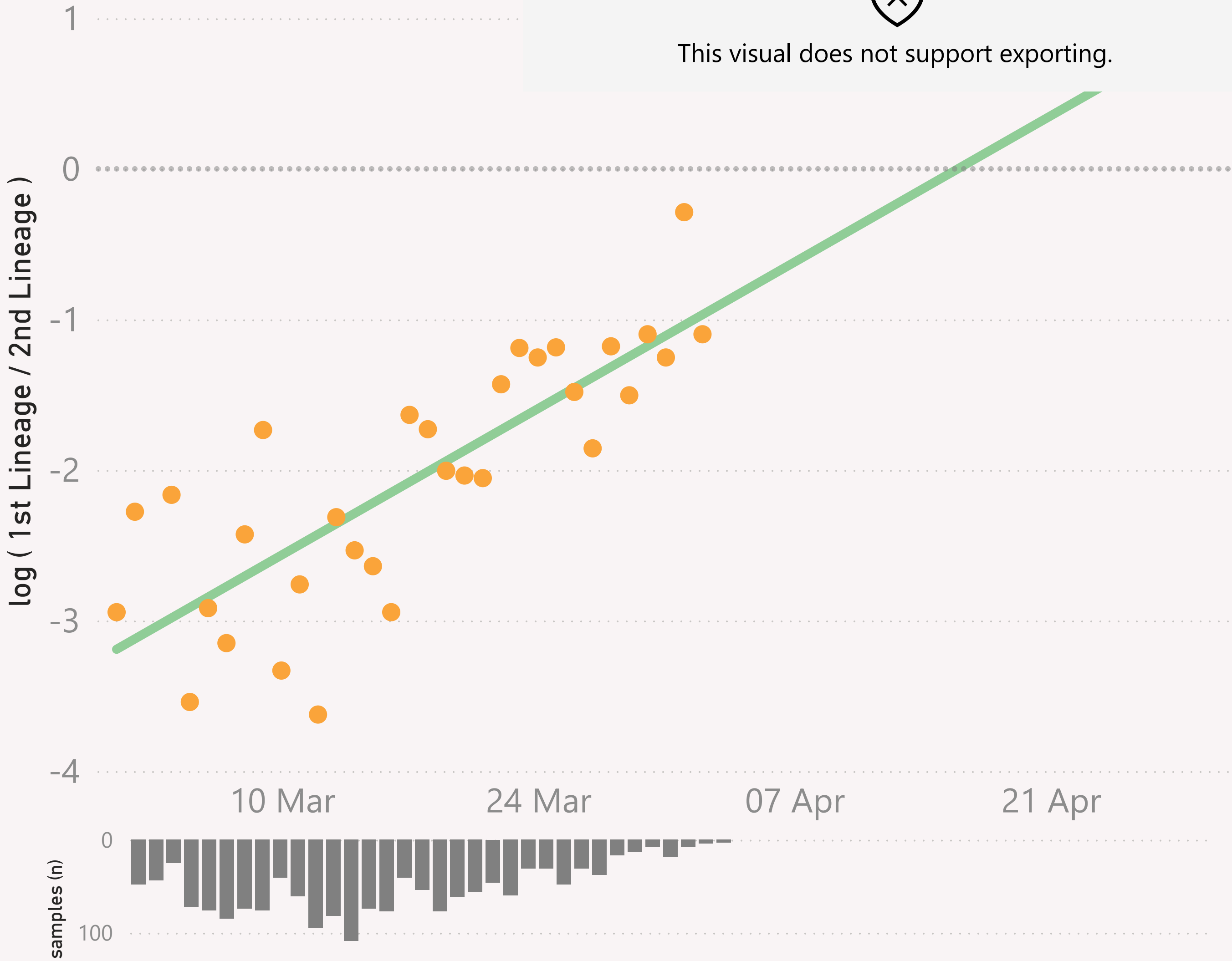
The frequency shown at each point is based on the 7-day rolling average across all lineages, for that state.

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.

United Kingdom - JN.1.*

log (1st Lineage / 2nd Lineage) trend



Date
01/03/2024 30/04/2024

Host
Human

This visual does not support exporting.

Europe (Continent) + United Kingdom (Cou... ▼

Lineage L2
JN.1.* +FLIRT ▼

vs Lineage L2 (nextclade)
BA.2.86.* ▼

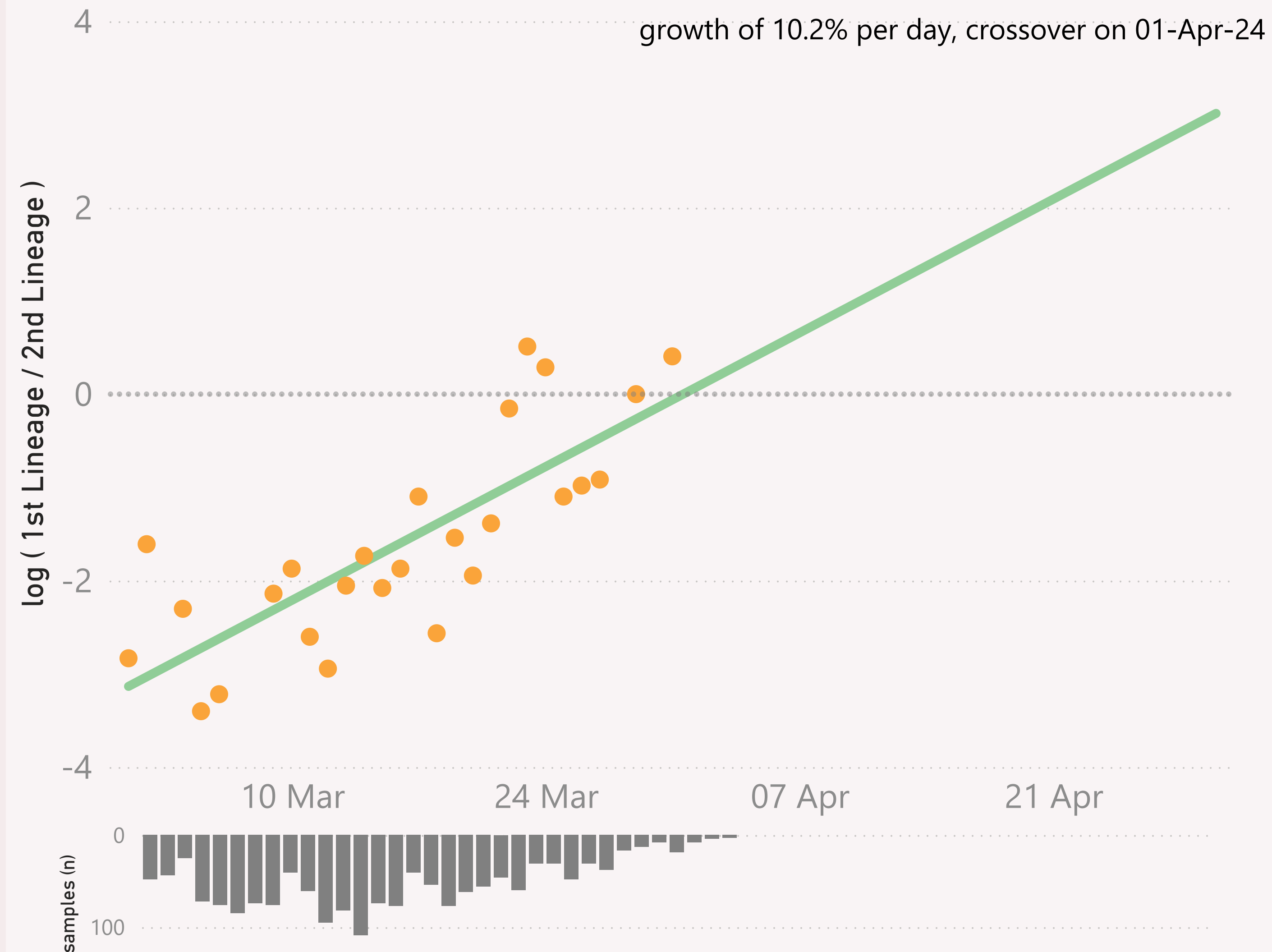
Country	Location	Addi...	Collection date	Lineage L2	Lineage (nextcla
United Kingd...	England		03/04/2024	JN.1.* +F...	JN.1.16.1
United Kingd...	England		03/04/2024	JN.1.* +F...	KP.2
United Kingd...	England		03/04/2024	JN.1.* +F...	KS.1
United Kingd...	Wales		02/04/2024	JN.1.* +F...	KU.2
United Kingd...	England		01/04/2024	JN.1.* +F...	KP.1.1.1
United Kingd...	England		01/04/2024	JN.1.* +F...	KP.2.1
United Kingd...	England		01/04/2024	JN.1.* +F...	KU.2
United Kingd...	England		31/03/2024	JN.1.* +F...	KP.1.1
United Kingd...	England		31/03/2024	JN.1.* +F...	KP.2
United Kingd...	England		30/03/2024	JN.1.* +F...	JN.1.16.1
United Kingd...	England		30/03/2024	JN.1.* +F...	KP.1.1
United Kingd...	England		29/03/2024	JN.1.* +F...	KP.2
United Kingd...	England		28/03/2024	JN.1.* +F...	KP.1.1
United Kingd...	England		27/03/2024	JN.1.* +F...	JN.1.16.1
United Kingd...	England		27/03/2024	JN.1.* +F...	KP.1.1
United Kingd...	England		27/03/2024	JN.1.* +F...	KP.2
United Kingd...	England		26/03/2024	JN.1.* +F...	KP.2
United Kingd...	England		26/03/2024	JN.1.* +F...	JN.1.16.1
United Kingd...	England		26/03/2024	JN.1.* +F...	KP.2
United Kingd...	England		25/03/2024	JN.1.* +F...	KS.1
United Kingd...	England		25/03/2024	JN.1.* +F...	KU.2
United Kingd...	England		25/03/2024	JN.1.* +F...	JN.1.16.1

Total

n=1,686 sequenced genomes, up to 3 April 2024

United Kingdom - KP.2 vs JN.1

● $\log (1\text{st Lineage} / 2\text{nd Lineage})$ ● trend



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

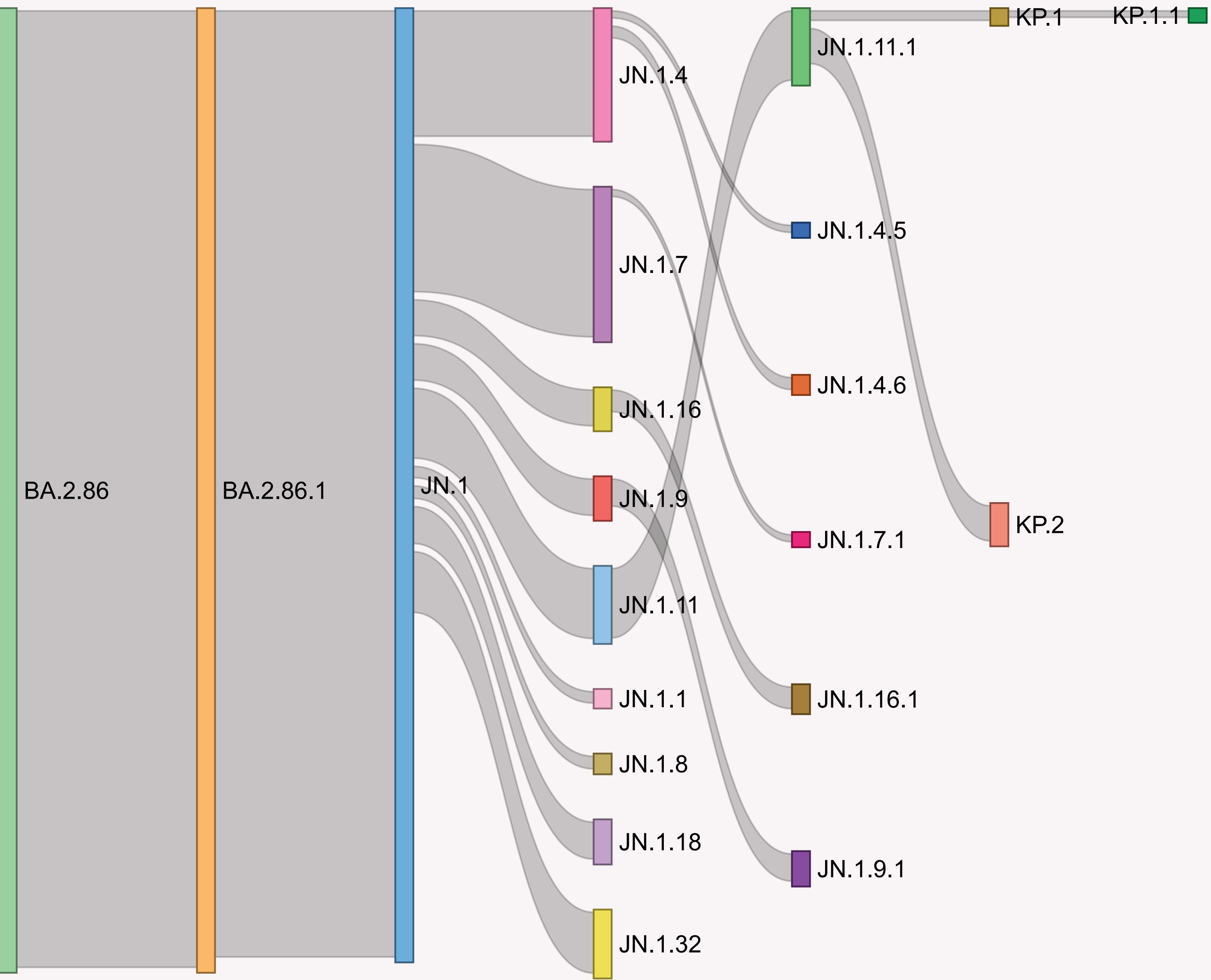
The trend is shown as a green line and expressed as a daily growth % advantage. If the green line crosses over the 0.0 line, the date when that occurred or is predicted to occur will be shown. At that point the challenging Lineage is considered to have "crossed over" or taken over dominance from the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

United Kingdom

n=1,686 sequenced genomes, up to 3 April 2024



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
United Kingdom	3,972	03/04/2024		10/04/2024	
England	3,015	03/04/2024		10/04/2024	
Scotland	554	26/03/2024		08/04/2024	
Wales	361	02/04/2024		10/04/2024	
Northern Ireland	42	15/03/2024		10/04/2024	
Total	3,972	03/04/2024		10/04/2024	

This page shows the volume and currency/timeliness of the genomic sequencing data shared via GISAID, over the last 8 weeks. A breakdown by province is also shown.

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.