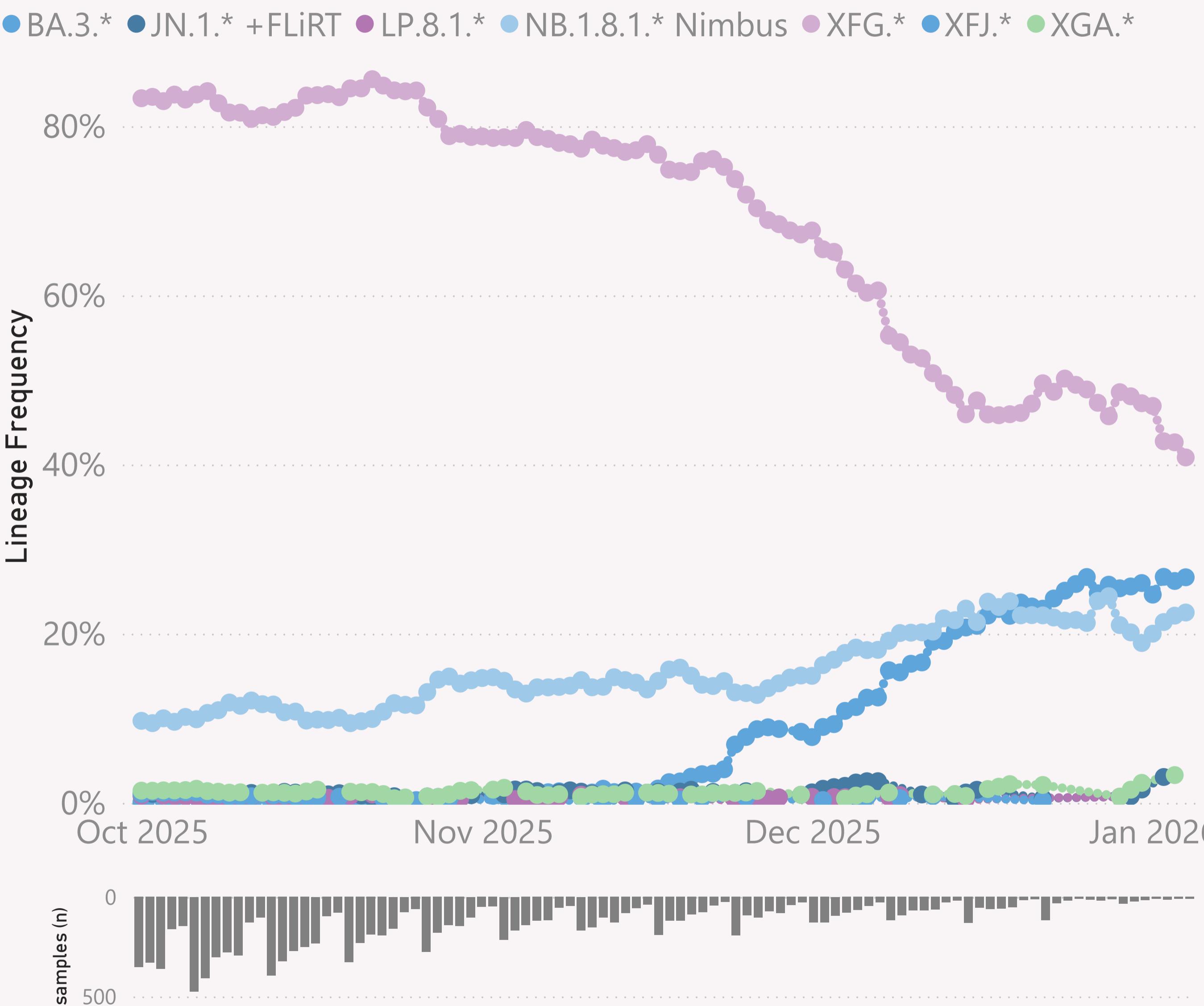


Europe (excl UK)

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026



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 its 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.

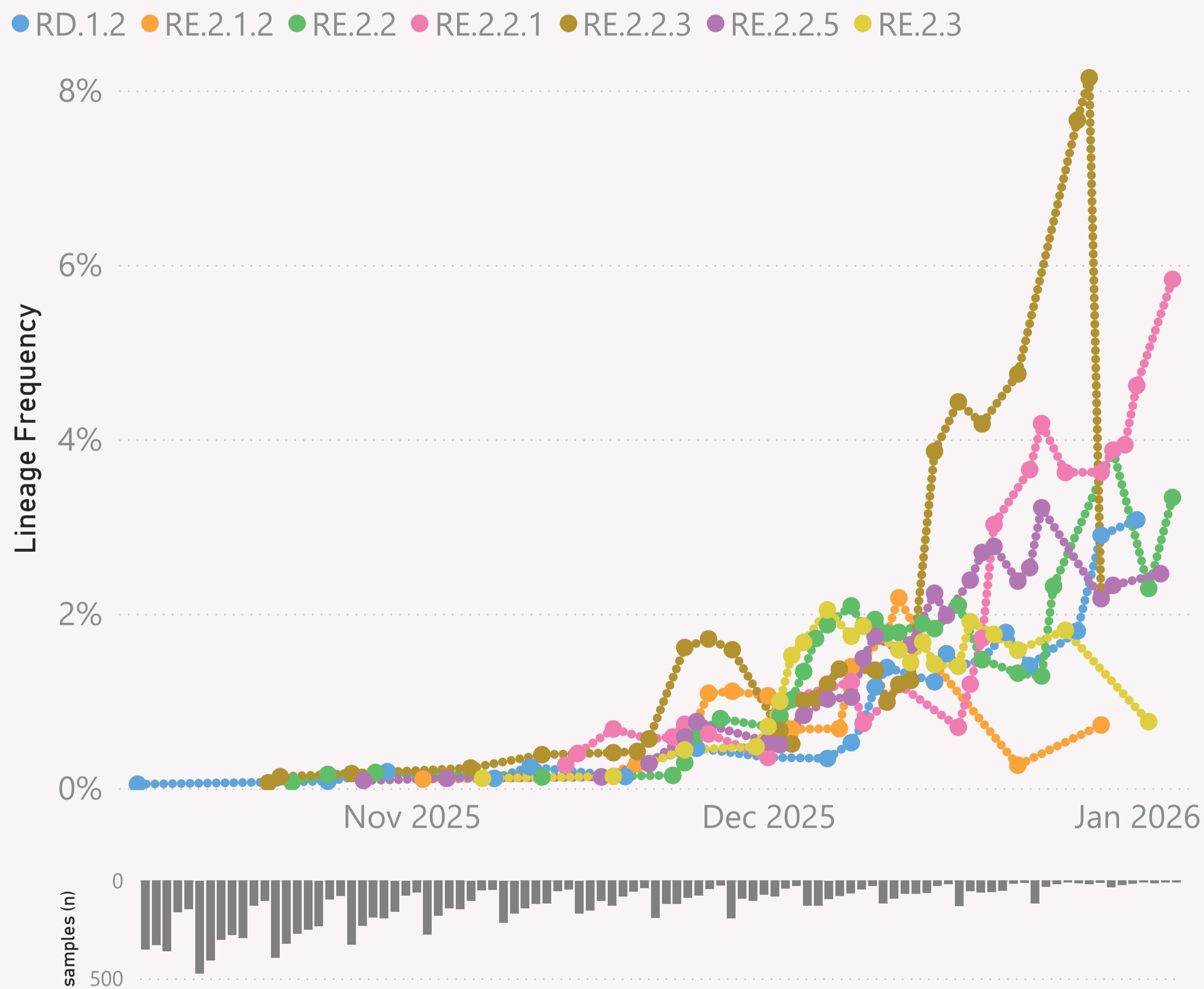
The frequency shown at each point is based on the 7-day rolling average across all lineages.

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.

Europe (excl UK)

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026



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 "BA.3.*" (BA.3.2.* "Cicada").

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.

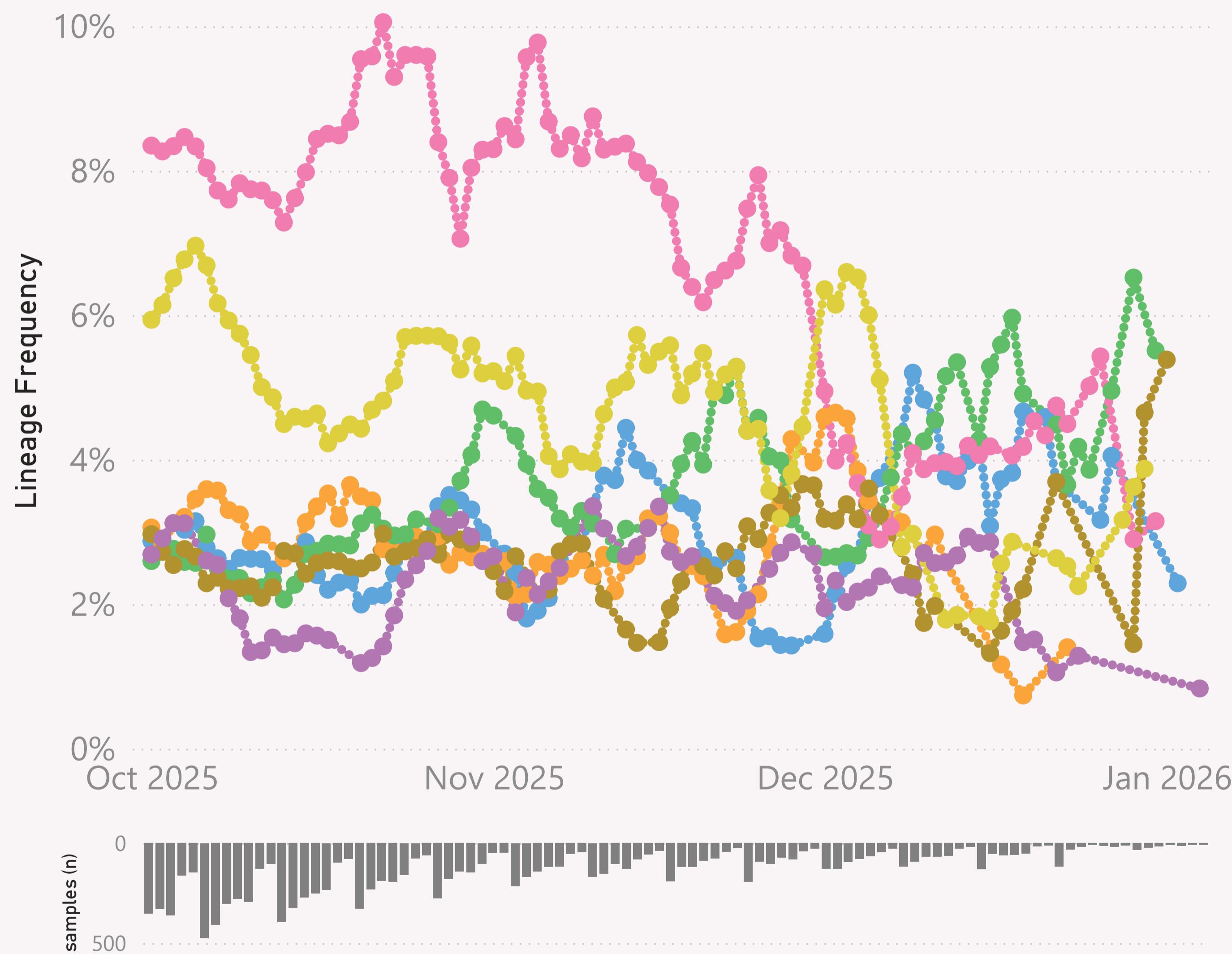
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

Europe (excl UK)

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026

- NB.1.8.1
- XFG
- XFG.17.2.1
- XFG.3
- XFG.3.4.1
- XFG.30
- XFG.5.1



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.

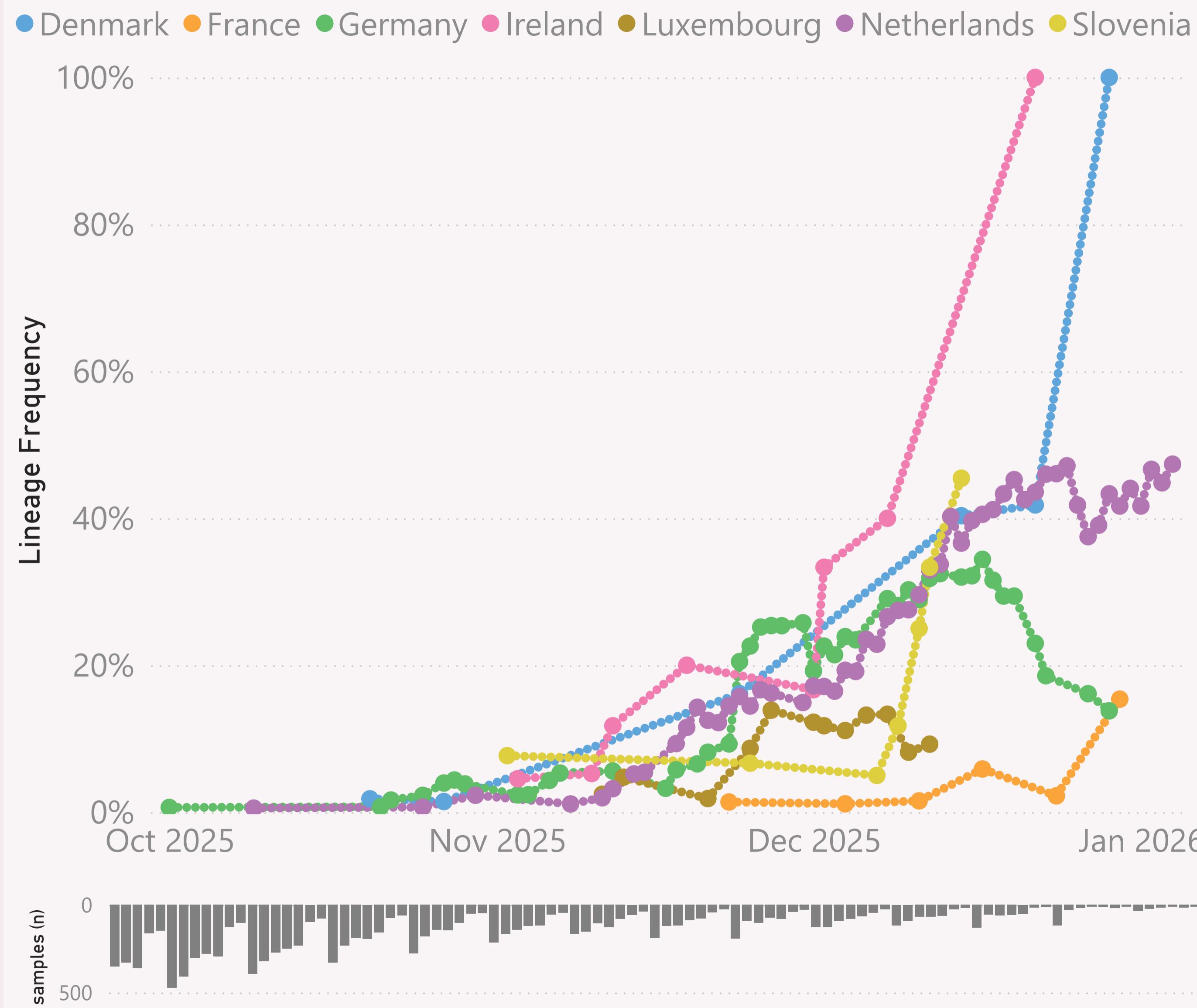
The frequency shown at each point is based on the 7-day rolling average across all lineages.

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.

BA.3.*

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026



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

The Lineage classifications are provided by Nextclade.

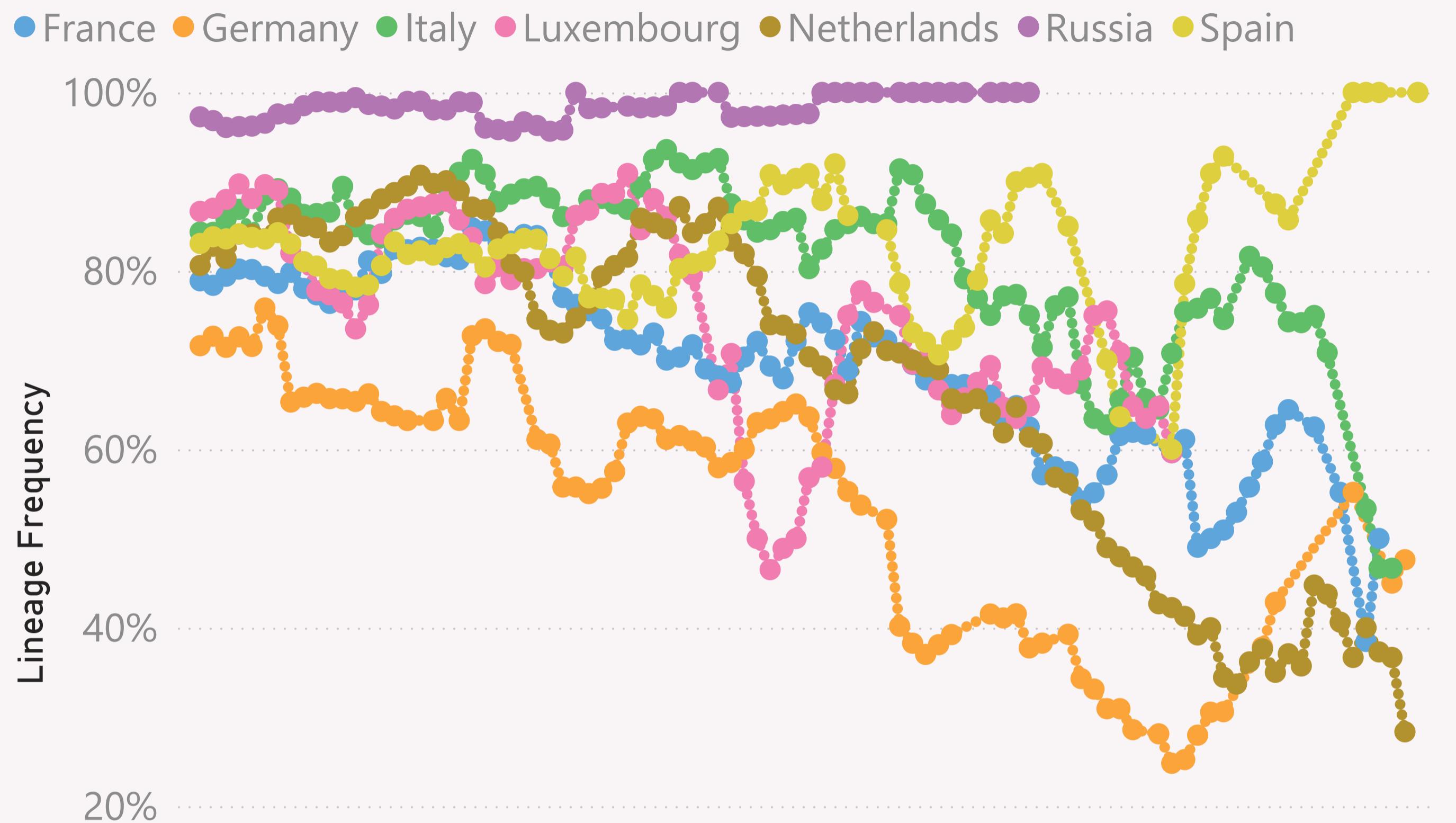
The frequency shown at each point is based on the 7-day rolling average across all lineages, for that country.

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.

XFG.*

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026



Lineage Frequency

100%

80%

60%

40%

20%

0%

Oct 2025

Nov 2025

Dec 2025

Jan 2026

samples (n)

0

500

France

Germany

Italy

Luxembourg

Netherlands

Russia

Spain

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

The Lineage classifications are provided by Nextclade.

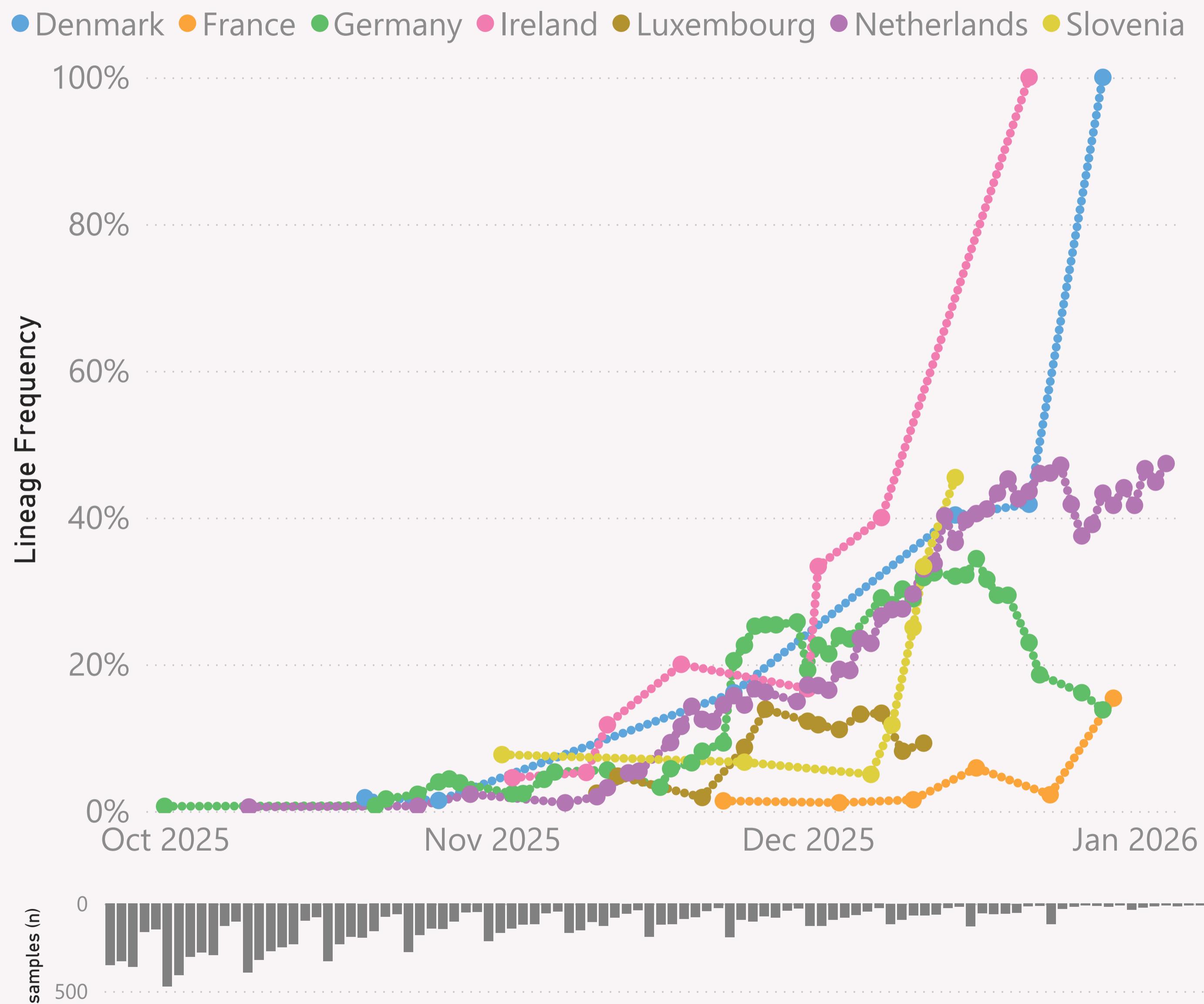
The frequency shown at each point is based on the 7-day rolling average across all lineages, for that country.

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.

BA.3.*

n=11,813 sequenced genomes, from 1 October 2025 up to 4 January 2026



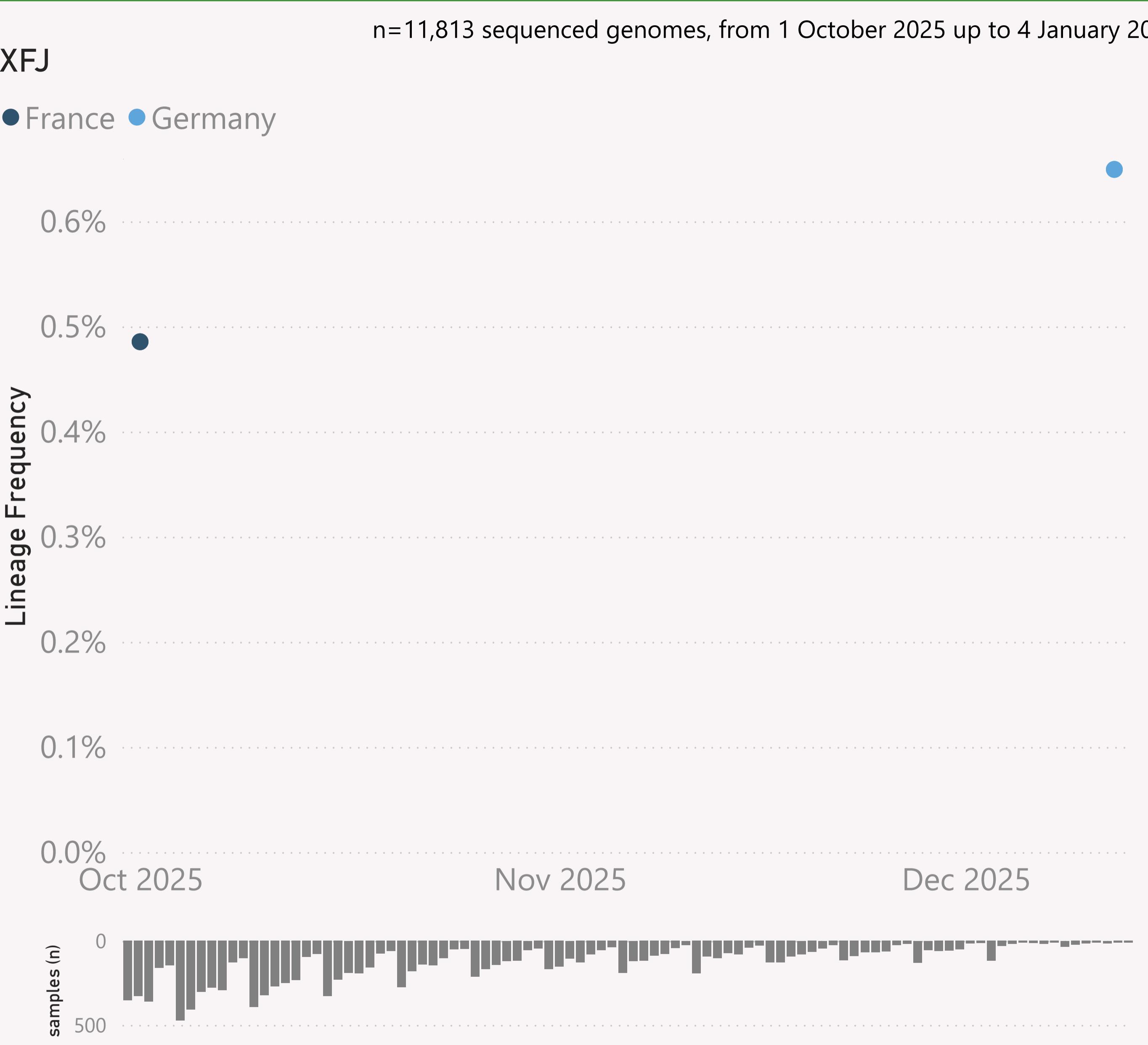
This page shows the frequency of a selected Lineage L2 of interest, for the 7 countries reporting the most samples over recent months.

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 country.

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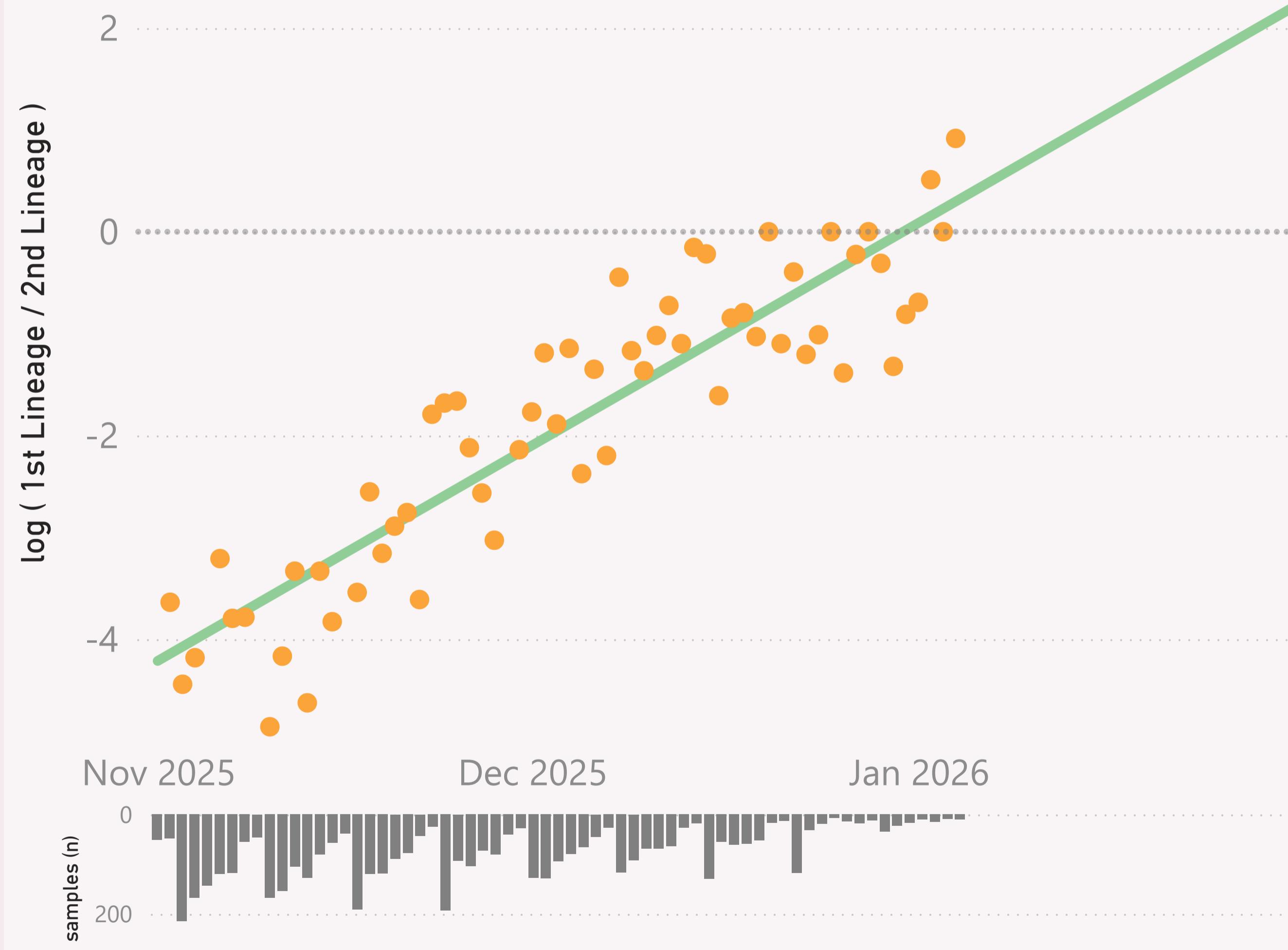
The frequency results calculated for the most recent dates might not be representative, due to those lower sample sizes.

n=4,725 sequenced genomes, from 1 November 2025 up to 4 January 2026

Europe (excl UK) - BA.3.2.* vs XFG.*

● log (1st Lineage / 2nd Lineage) ● trend

growth of 7.0% per day, crossover on 31-Dec-25



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 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.

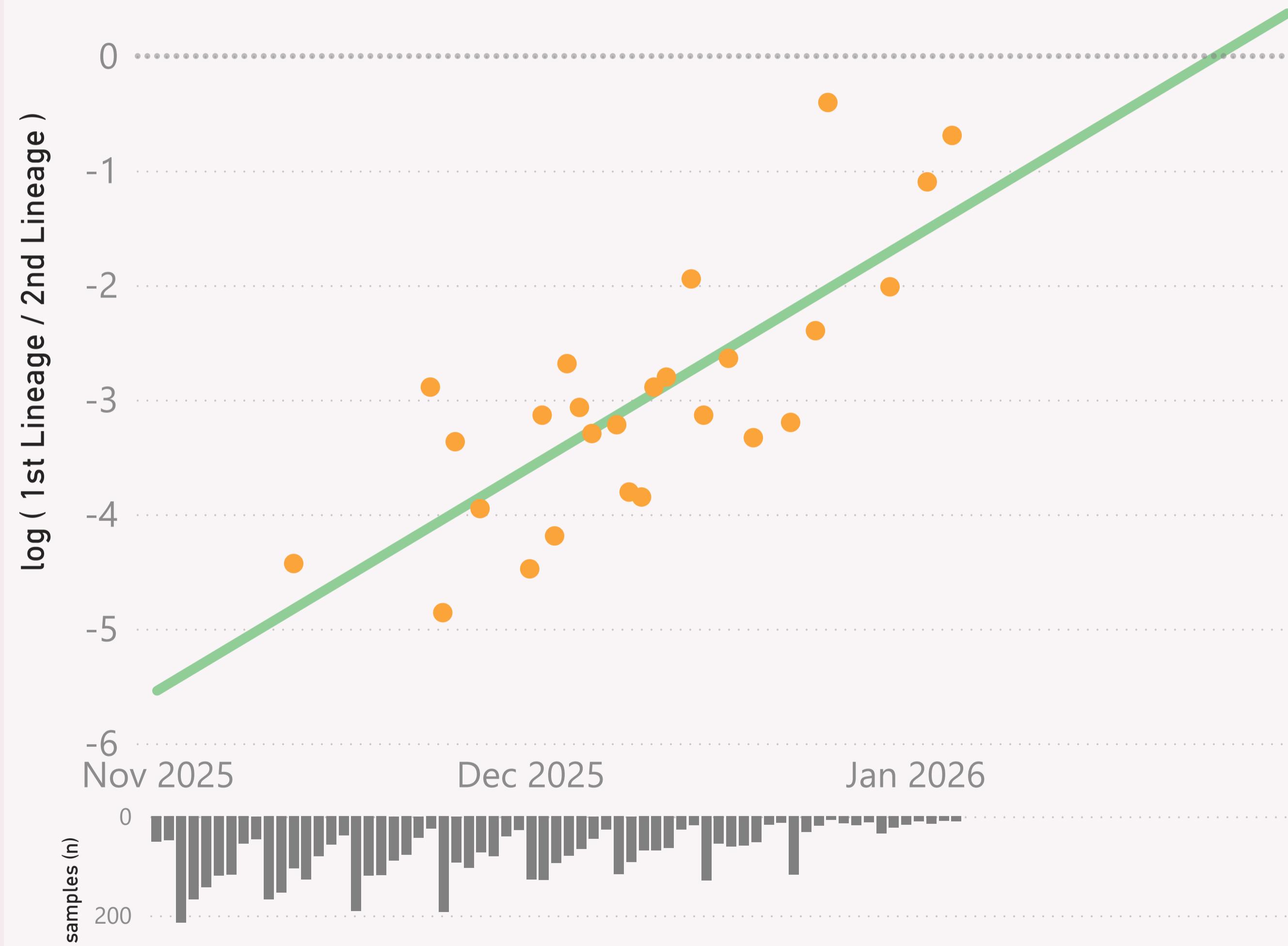
n=4,725 sequenced genomes, from 1 November 2025 up to 4 January 2026

Europe (excl UK) - RE.2.2 vs XFG.*

● log (1st Lineage / 2nd Lineage) ● trend

1

growth of 6.5% per day, crossover on 26-Jan-26

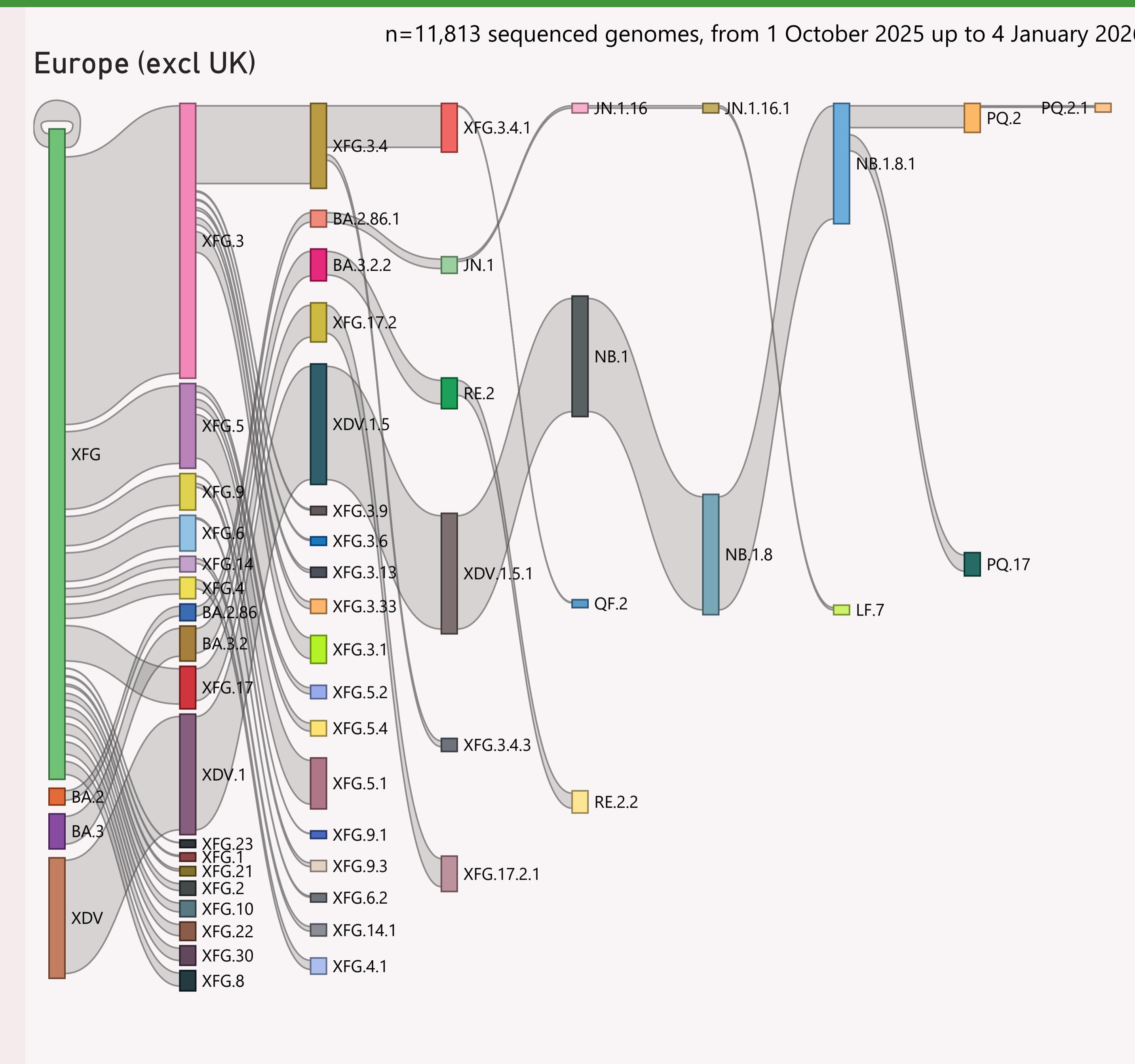


This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

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.



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

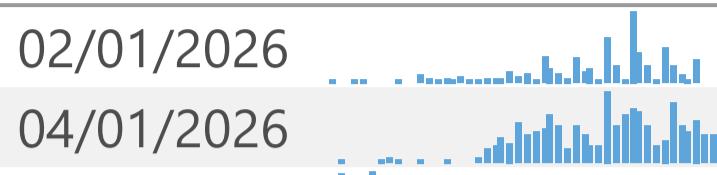
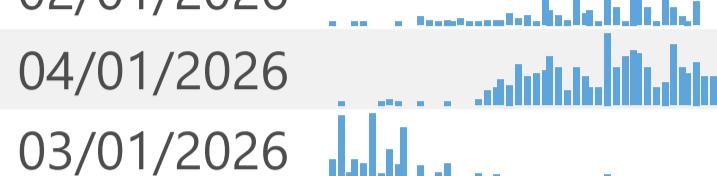
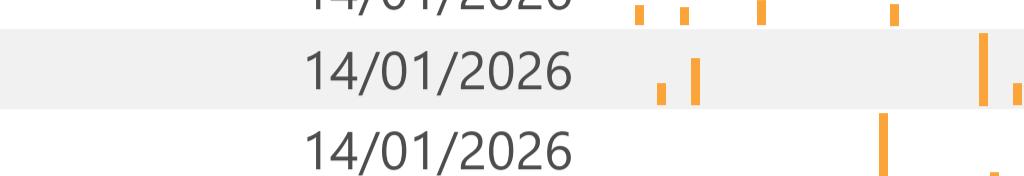
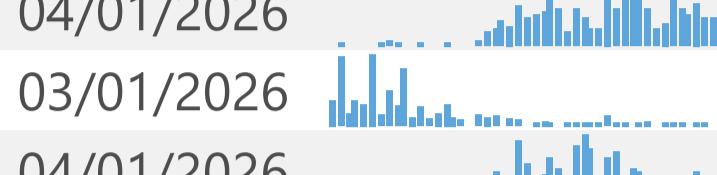
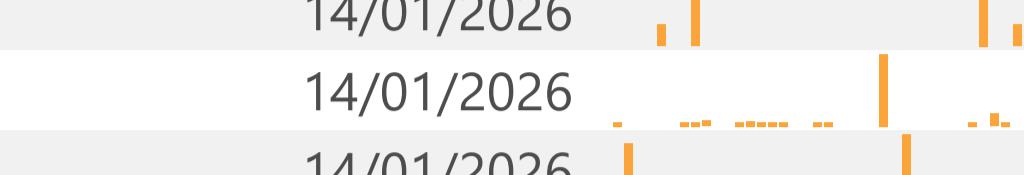
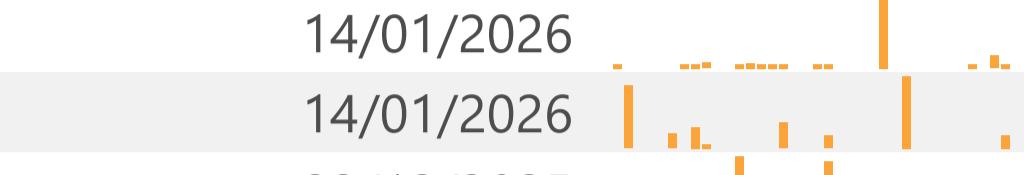
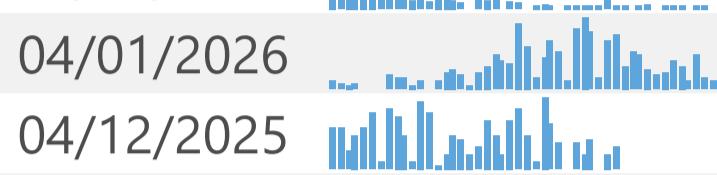
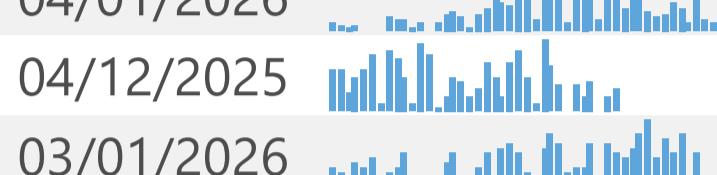
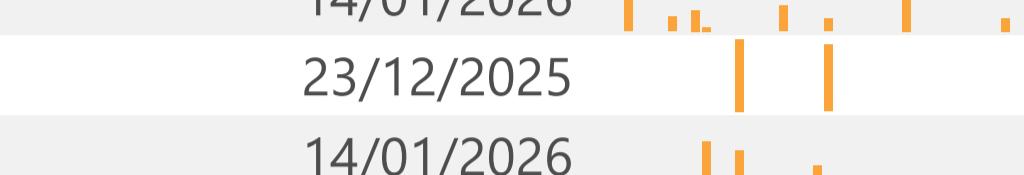
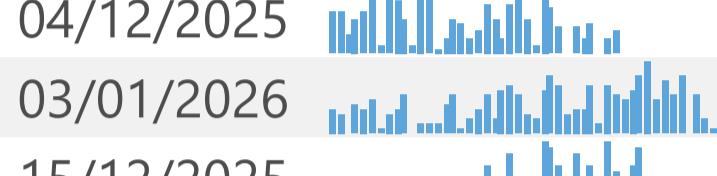
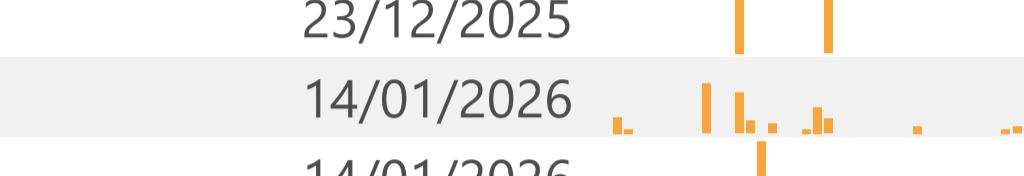
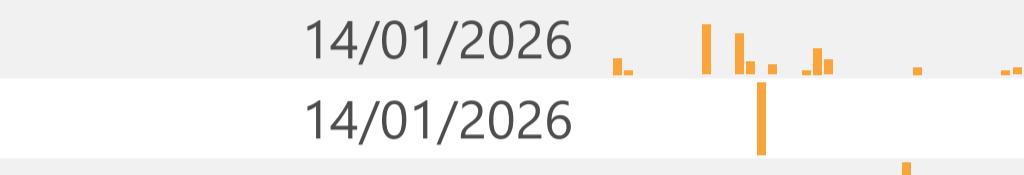
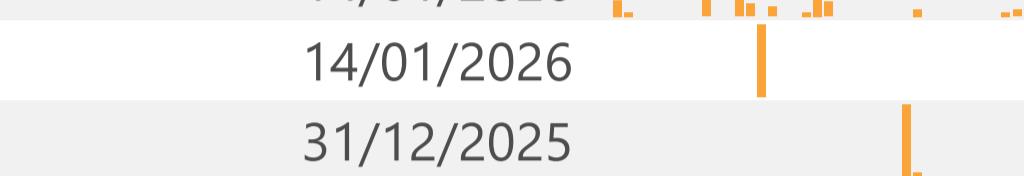
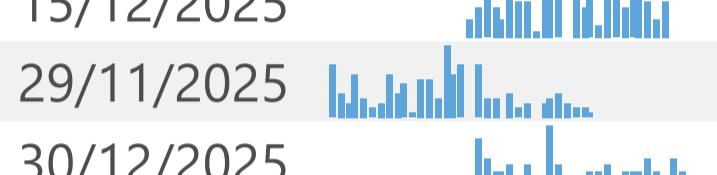
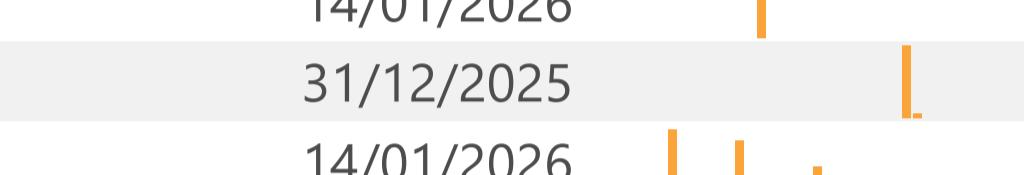
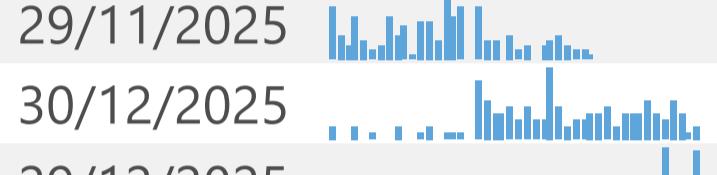
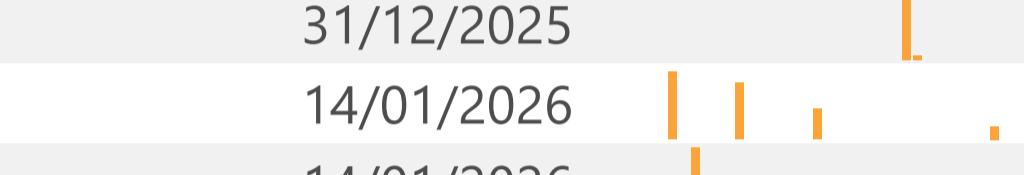
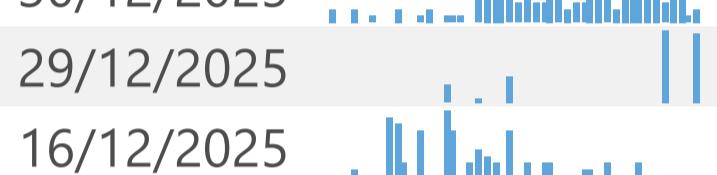
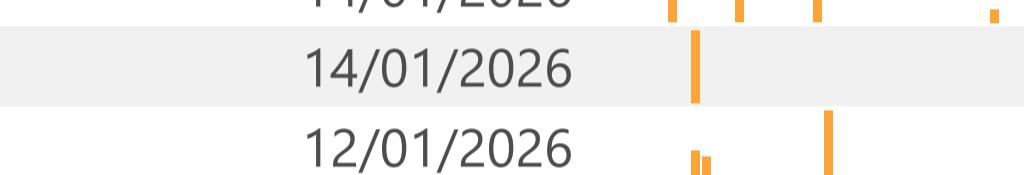
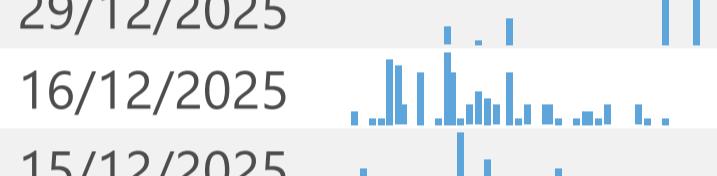
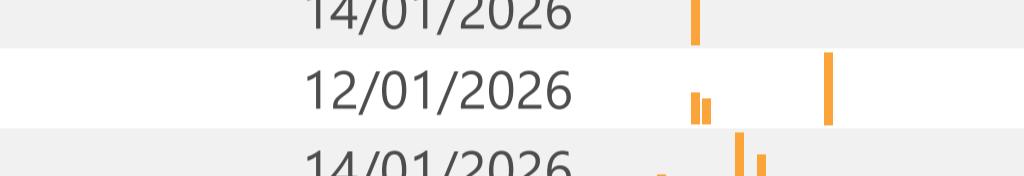
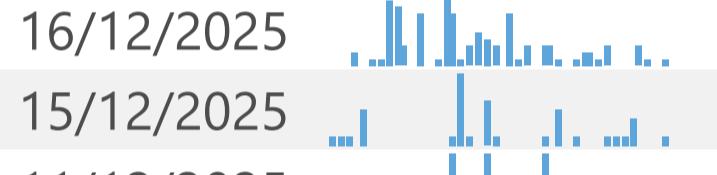
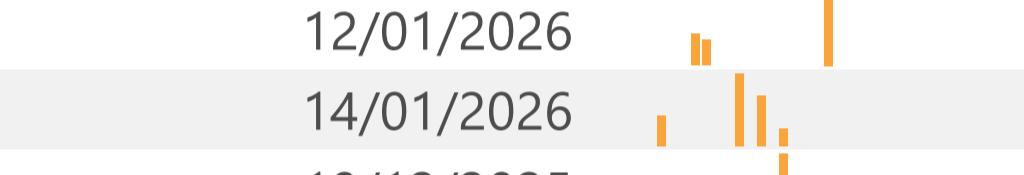
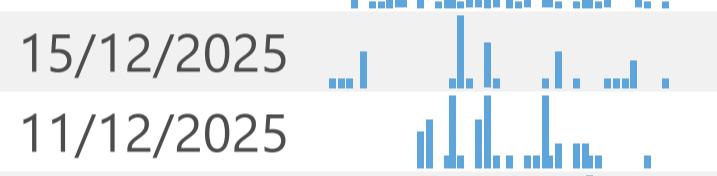
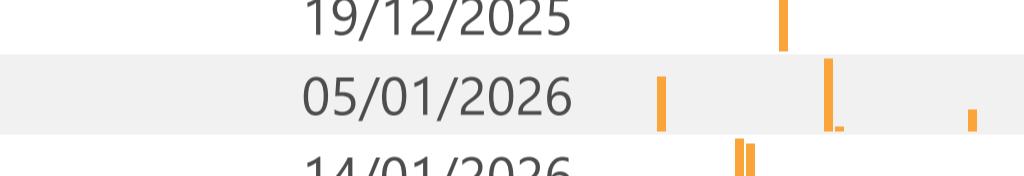
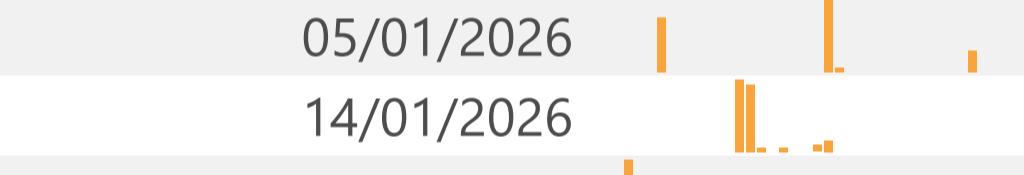
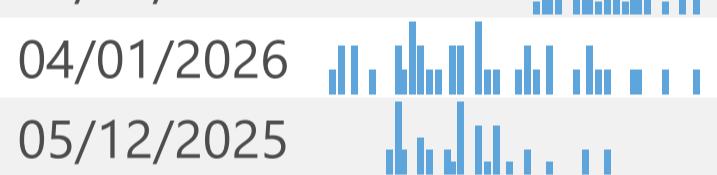
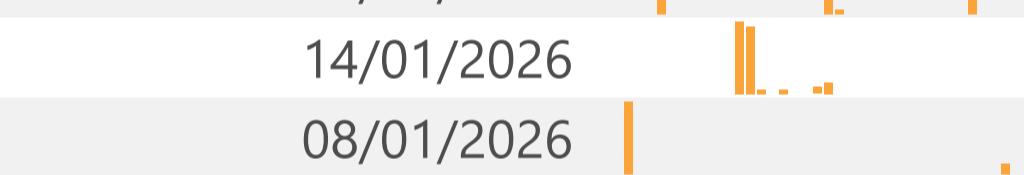
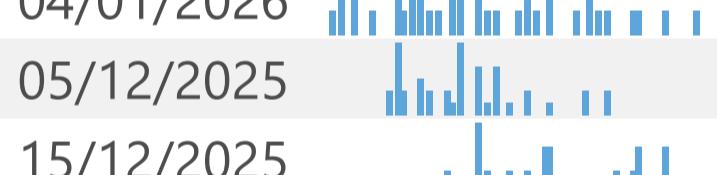
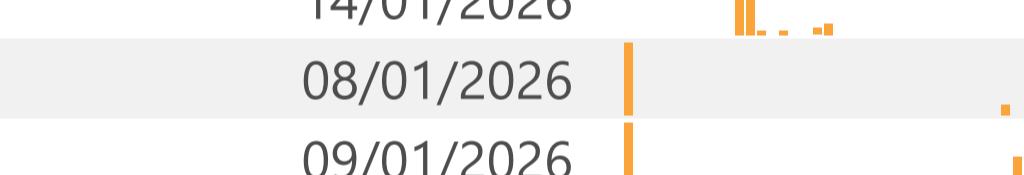
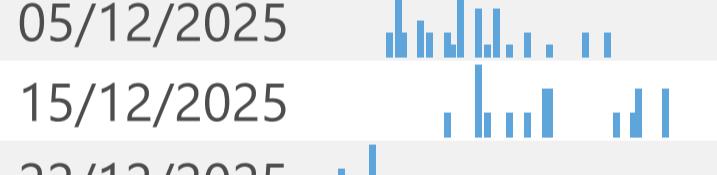
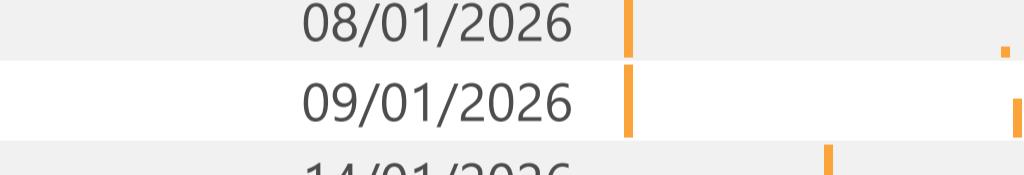
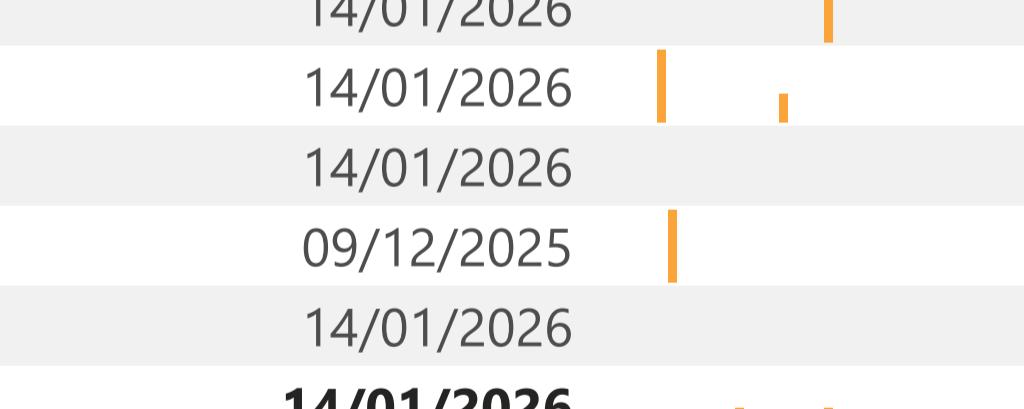
The hierarchy can be read from left to right, starting with the earliest/highest Lineages being broken down into more detailed child Lineages.

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
Germany	757	02/01/2026		14/01/2026	
Netherlands	671	04/01/2026		14/01/2026	
Spain	656	03/01/2026		14/01/2026	
France	651	04/01/2026		14/01/2026	
Russia	576	04/12/2025		23/12/2025	
Italy	521	03/01/2026		14/01/2026	
Luxembourg	295	15/12/2025		14/01/2026	
Lithuania	284	29/11/2025		31/12/2025	
Sweden	234	30/12/2025		14/01/2026	
Denmark	226	29/12/2025		14/01/2026	
Ukraine	175	16/12/2025		12/01/2026	
Poland	85	15/12/2025		14/01/2026	
Finland	84	11/12/2025		19/12/2025	
Slovenia	78	29/12/2025		05/01/2026	
Ireland	76	04/01/2026		14/01/2026	
Slovakia	64	05/12/2025		08/01/2026	
Czechia	46	15/12/2025		09/01/2026	
Romania	39	22/12/2025		14/01/2026	
Belgium	31	30/12/2025		14/01/2026	
Norway	24	04/01/2026		14/01/2026	
Croatia	17	13/11/2025		09/12/2025	
Montenegro	7	19/11/2025		14/01/2026	
Total	5,597	04/01/2026		14/01/2026	

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.