

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

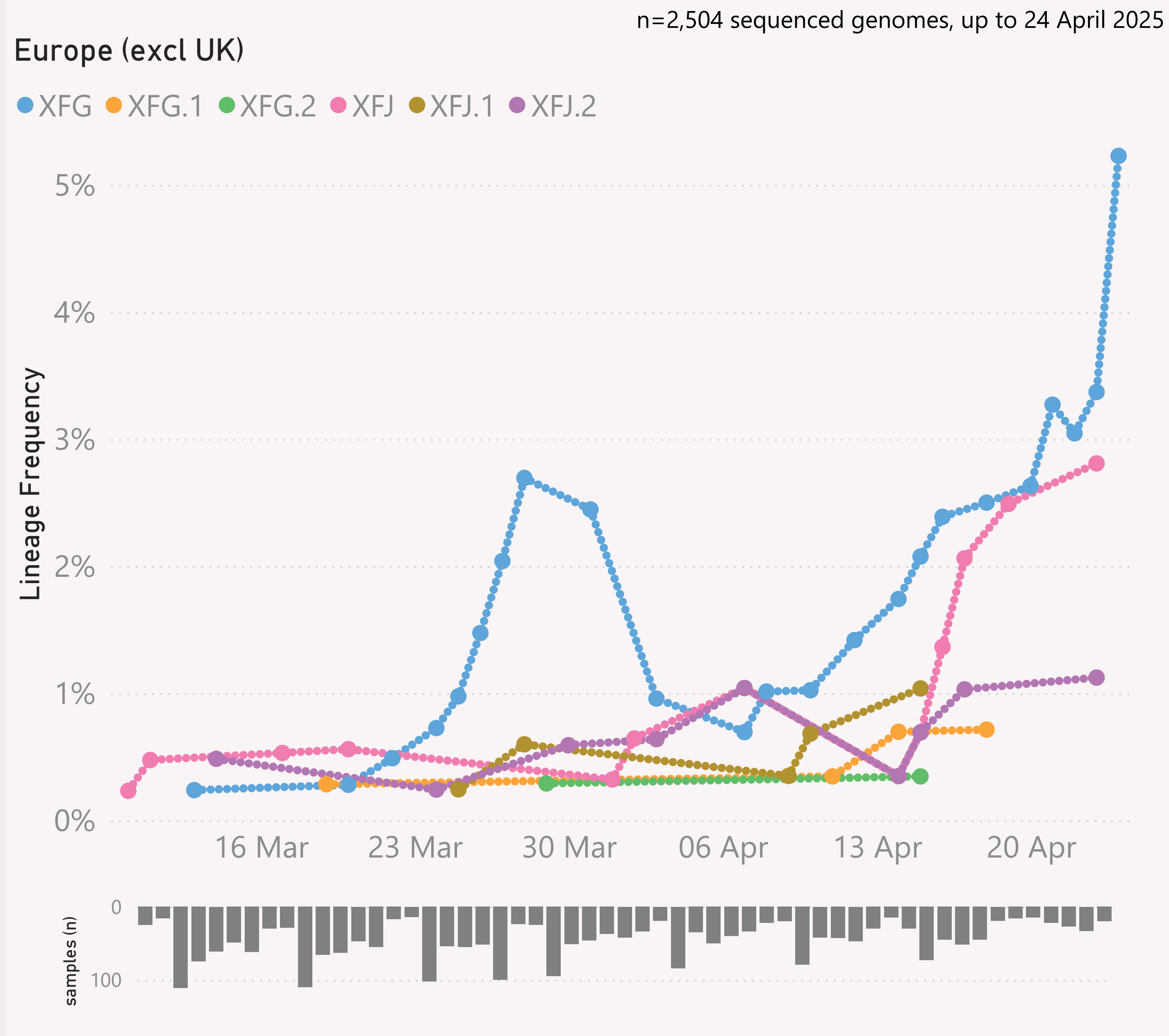
The detailed Lineage classifications are provided by Nextclade. I roll those up into "L2" groups, which roughly follow the WHO Variant definitions. For example, my "BA.2.86.\*" group includes BA.2.86 and all it's descendants, e.g. the JN.\* lineages.

The 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.



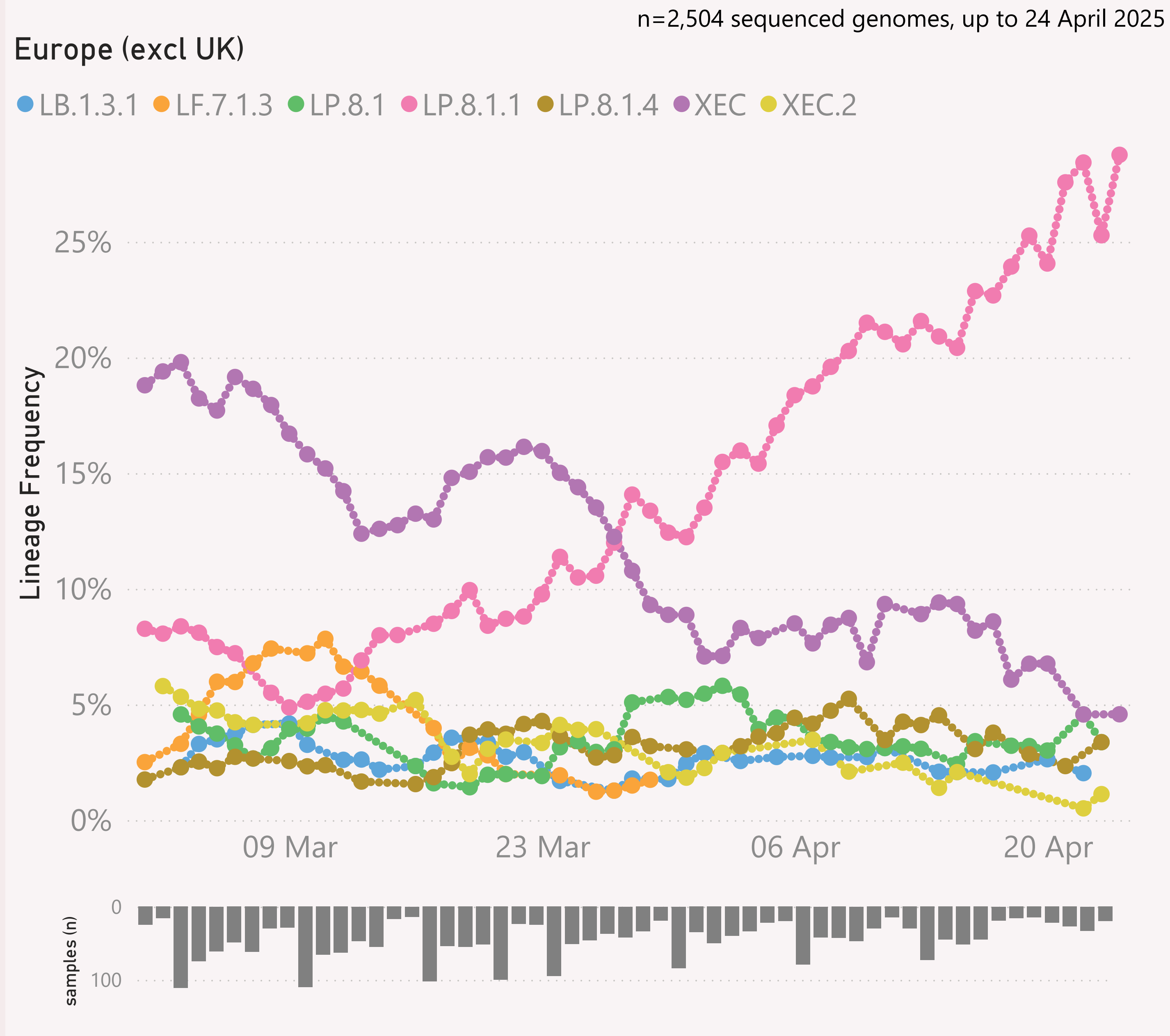
This page shows the frequency of the top 7 lineages, across recent months. The lineages are filtered for a "Lineage L2" group of interest, currently "XFG.\*" and "XFJ.\*".

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

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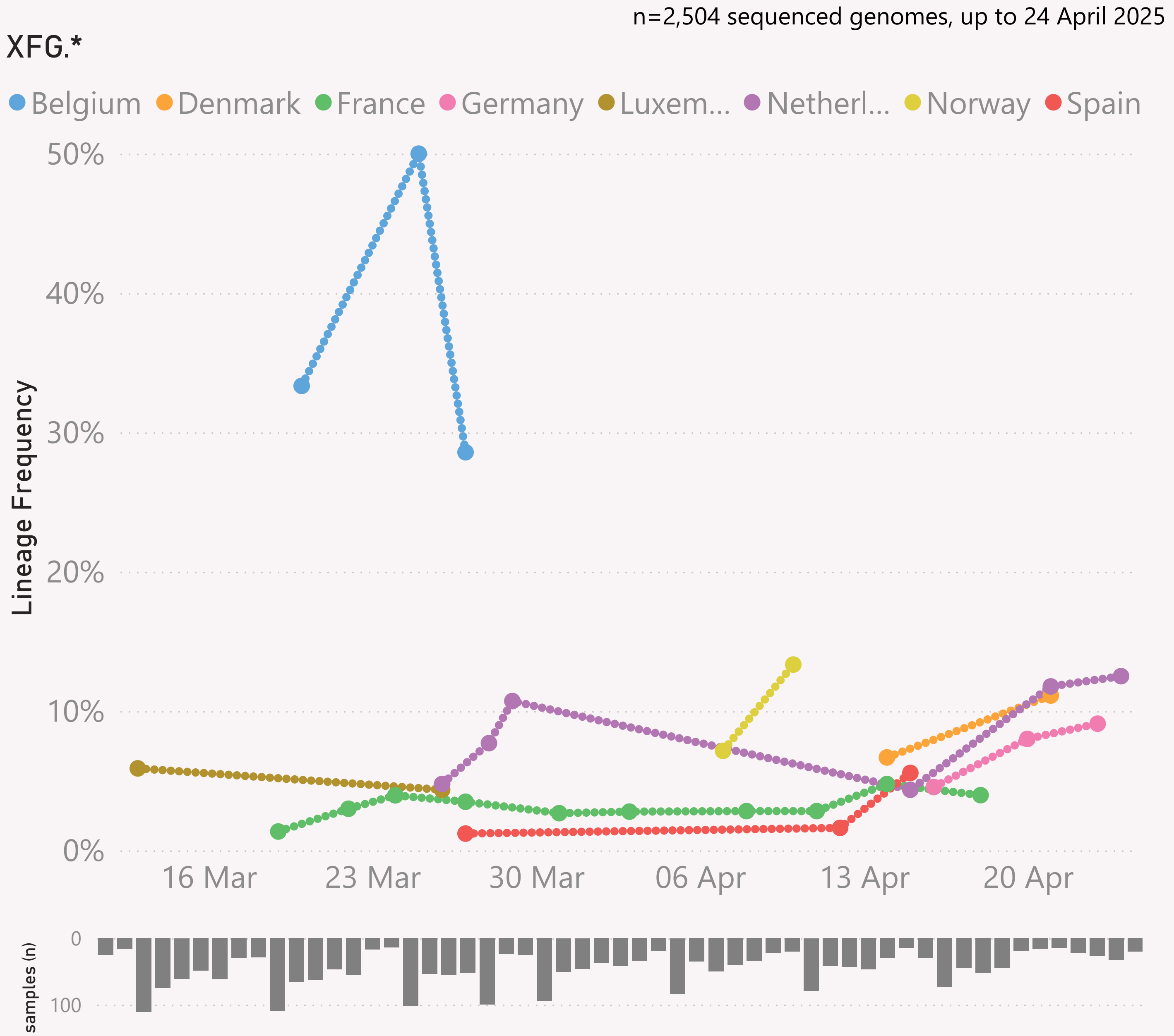
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Date

01/03/202531/12/2025

Host

Human

Continent, Country, Location

Multiple selections

Lineage L2

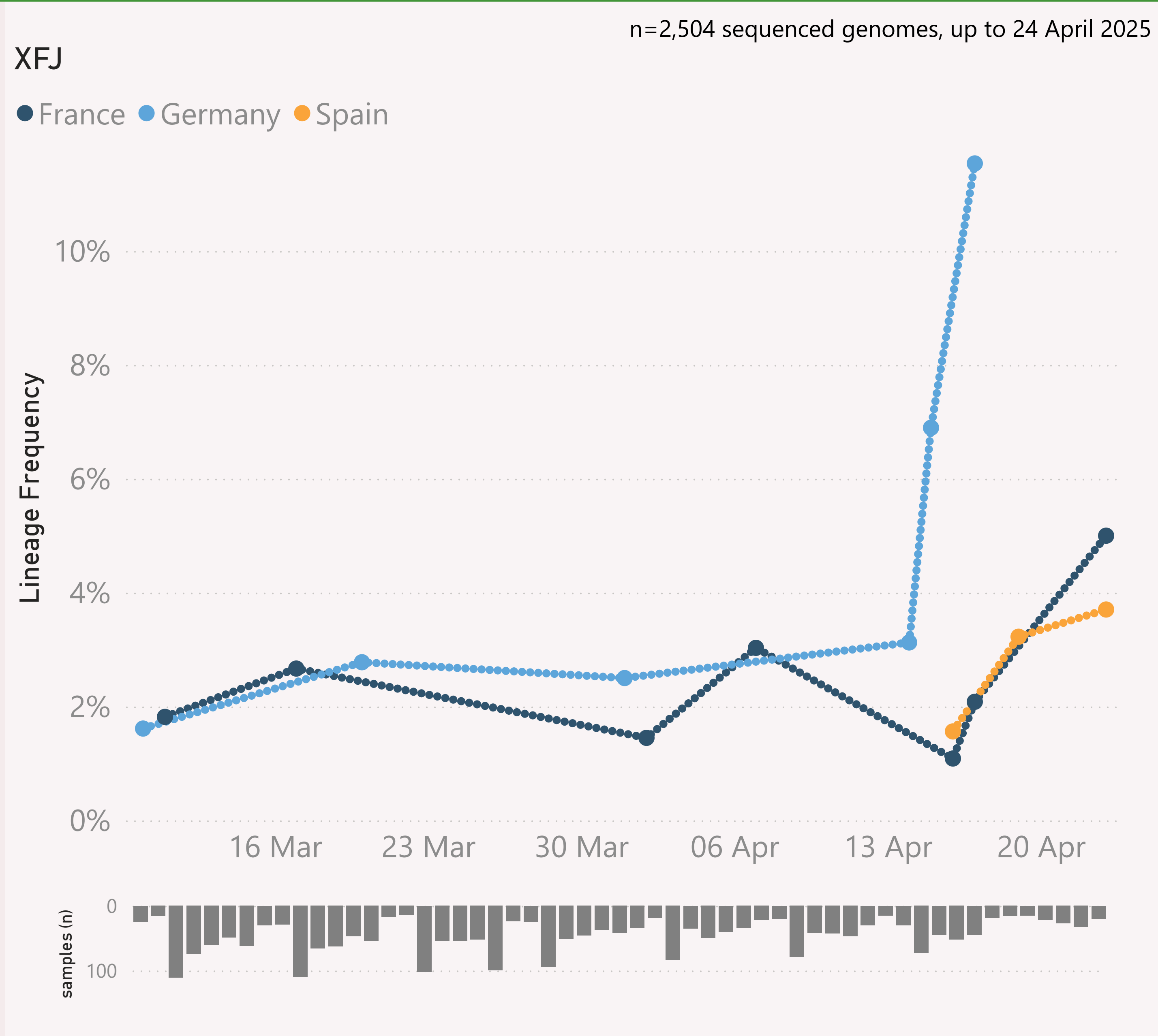
XFG.\*

# Samples Sequenced (gisaid)

36

Country	Location	Addi...	Collection date	Lineage L2	Lineage (nextc
Sweden	Stockholm		24/04/2025	XFG.*	XFG
Netherlands	Zuid-Holland		24/04/2025	XFG.*	XFG
Germany	Berlin		23/04/2025	XFG.*	XFG
Ireland	Dublin		22/04/2025	XFG.*	XFG
Denmark			21/04/2025	XFG.*	XFG
Netherlands	Flevoland		21/04/2025	XFG.*	XFG
Germany	North Rhine-W...		20/04/2025	XFG.*	XFG
France	Ile-de-France		18/04/2025	XFG.*	XFG.1
France	Nouvelle-Aquit...		18/04/2025	XFG.*	XFG
Germany	Berlin		16/04/2025	XFG.*	XFG
Spain	Andalusia		15/04/2025	XFG.*	XFG
Netherlands	Zuid-Holland		15/04/2025	XFG.*	XFG.2
Denmark			14/04/2025	XFG.*	XFG
France	Auvergne-Rho...		14/04/2025	XFG.*	XFG
France	Ile-de-France		14/04/2025	XFG.*	XFG.1
Spain	Basque Country		12/04/2025	XFG.*	XFG
France	Auvergne-Rho...		11/04/2025	XFG.*	XFG.1
Norway	Akershus		10/04/2025	XFG.*	XFG
France	Auvergne-Rho...		08/04/2025	XFG.*	XFG
Norway	Vestland		07/04/2025	XFG.*	XFG
France	Auvergne-Rho...		03/04/2025	XFG.*	XFG
France	Auvergne-Rho...		31/03/2025	XFG.*	XFG
Total					





This page shows the frequency of a selected Lineage 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.

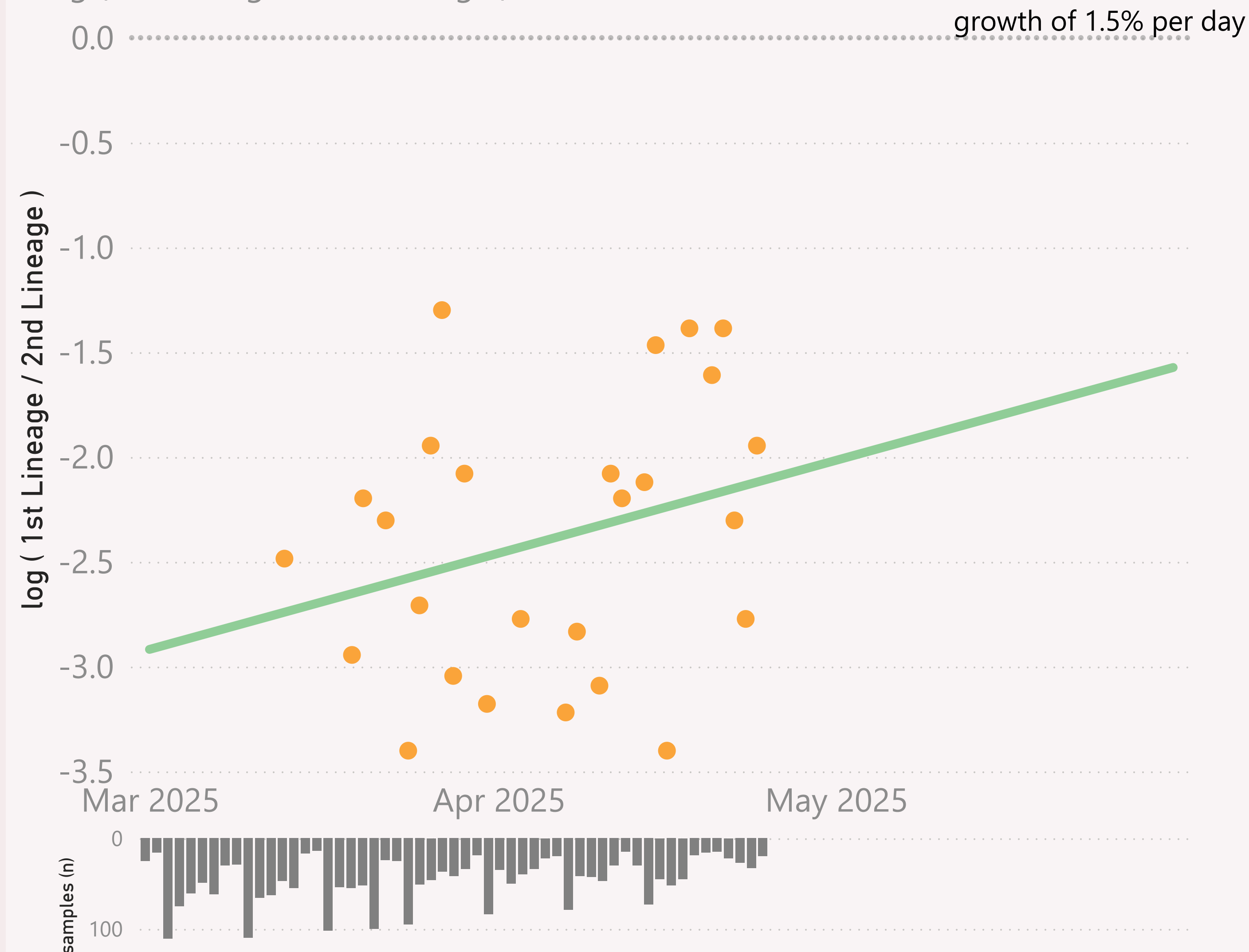
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

n=2,504 sequenced genomes, up to 24 April 2025

## Europe (excl UK) - XFG.\* vs LP.8.1.\*

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



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.



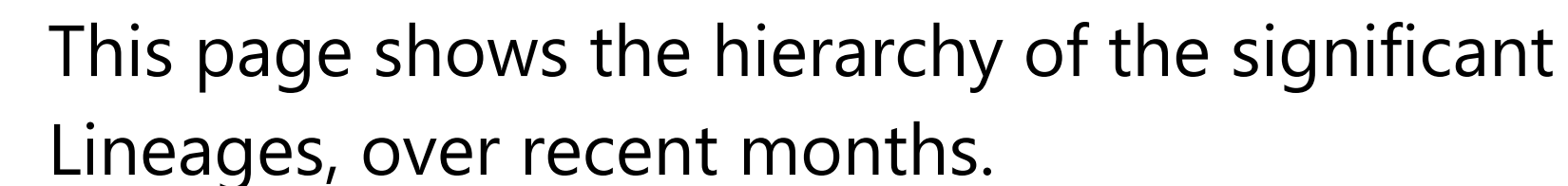
This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

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.

## Europe (excl UK)



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>+ France</div>	1,386	24/04/2025		29/04/2025	
<div>+ Spain</div>	905	24/04/2025		29/04/2025	
<div>+ Luxembourg</div>	390	01/04/2025		16/04/2025	
<div>+ Germany</div>	329	24/04/2025		29/04/2025	
<div>+ Denmark</div>	235	21/04/2025		29/04/2025	
<div>+ Italy</div>	194	23/04/2025		29/04/2025	
<div>+ Russia</div>	192	29/03/2025		29/04/2025	
<div>+ Netherlands</div>	157	24/04/2025		29/04/2025	
<div>+ Norway</div>	149	18/04/2025		29/04/2025	
<div>+ Ireland</div>	139	24/04/2025		29/04/2025	
<div>+ Finland</div>	131	24/03/2025		09/04/2025	
<div>+ Sweden</div>	123	24/04/2025		29/04/2025	
<div>+ Croatia</div>	76	11/04/2025		29/04/2025	
<div>+ Czechia</div>	74	09/12/2024		24/03/2025	
<div>+ Portugal</div>	54	14/04/2025		29/04/2025	
<div>+ Slovenia</div>	39	26/03/2025		28/04/2025	
<div>+ Belgium</div>	32	05/04/2025		29/04/2025	
<div>+ Poland</div>	19	22/04/2025		29/04/2025	
<div>+ Lithuania</div>	9	04/04/2025		29/04/2025	
<div>+ Switzerland</div>	7	28/02/2025		31/03/2025	
<div>+ Serbia</div>	6	09/01/2025		04/04/2025	
<div>+ Hungary</div>	4	28/01/2025		25/03/2025	
<div>+ Slovakia</div>	4	11/03/2025		22/04/2025	
<div>+ Greece</div>	1	04/04/2025		15/04/2025	
<div>Total</div>	4,655	24/04/2025		29/04/2025	

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.