

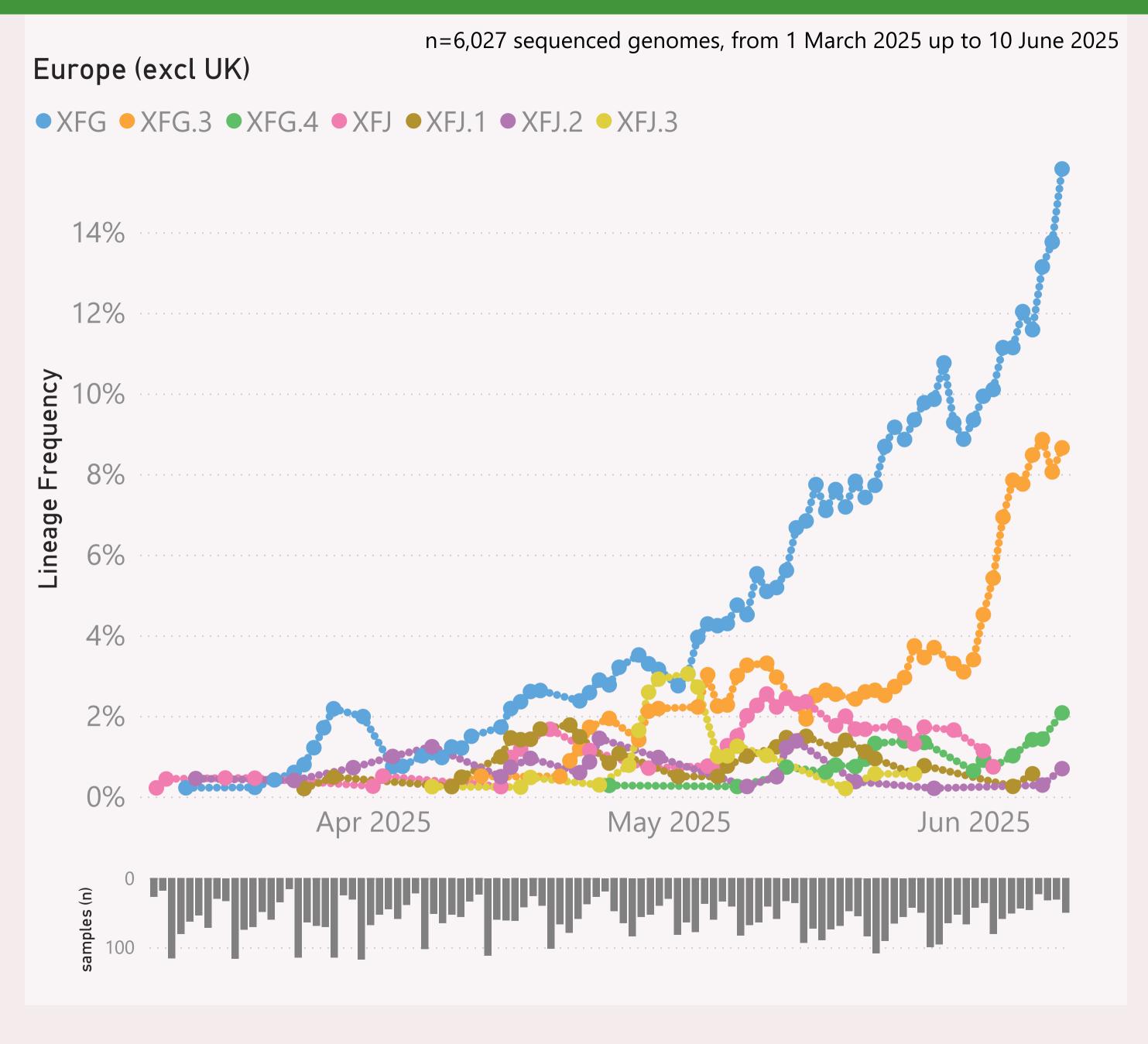
This page shows the frequency of the top 6 "L2" lineages, across recent months.

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.

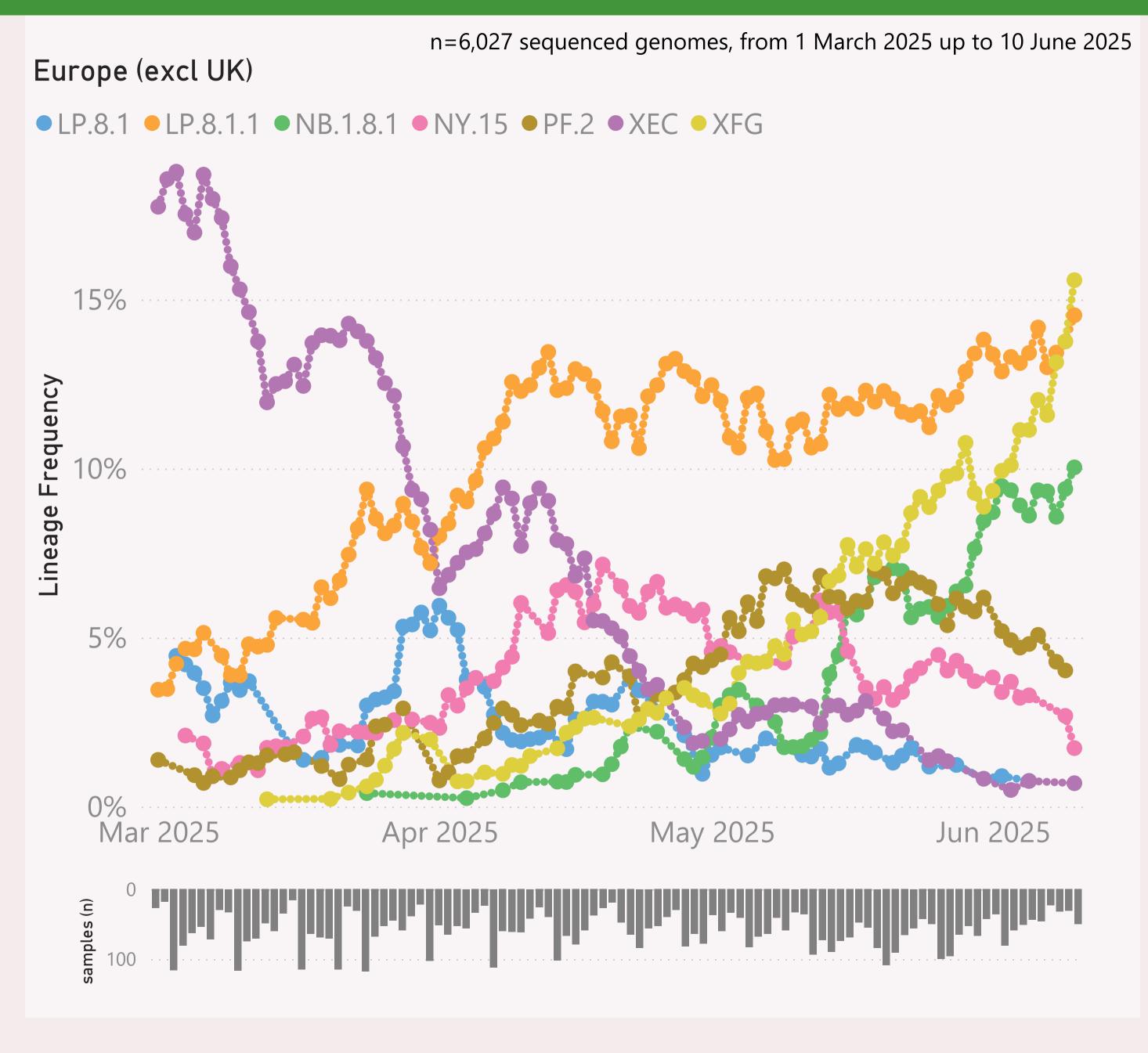


This page shows the frequency of the top 7 lineages, across recent months. The lineages are filtered for a "Lineage L2" group of interest, currently "XFG.*" and "XFJ.*".

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

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.

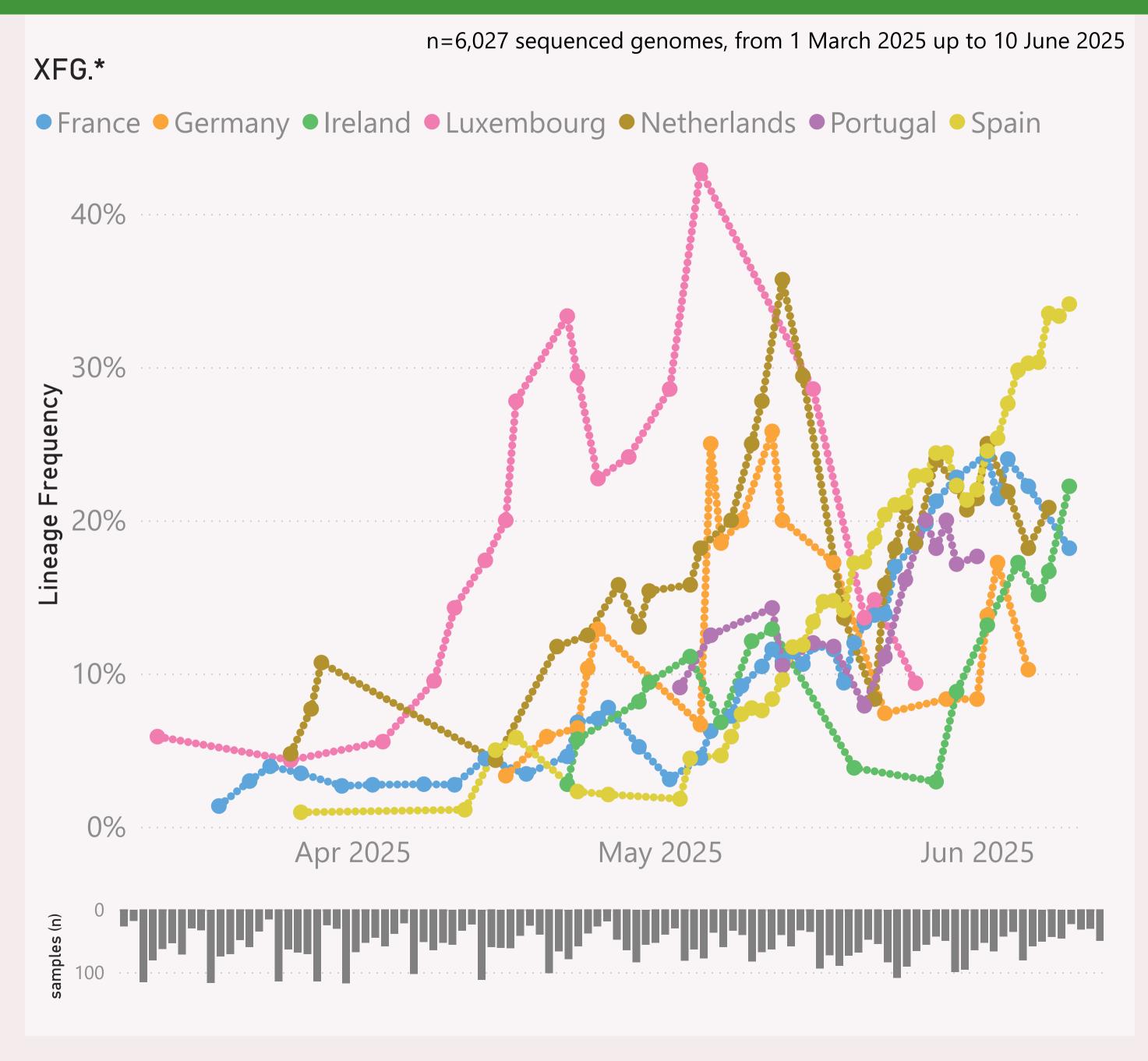


This page shows the frequency of the top 7 lineages, across recent months.

The 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.

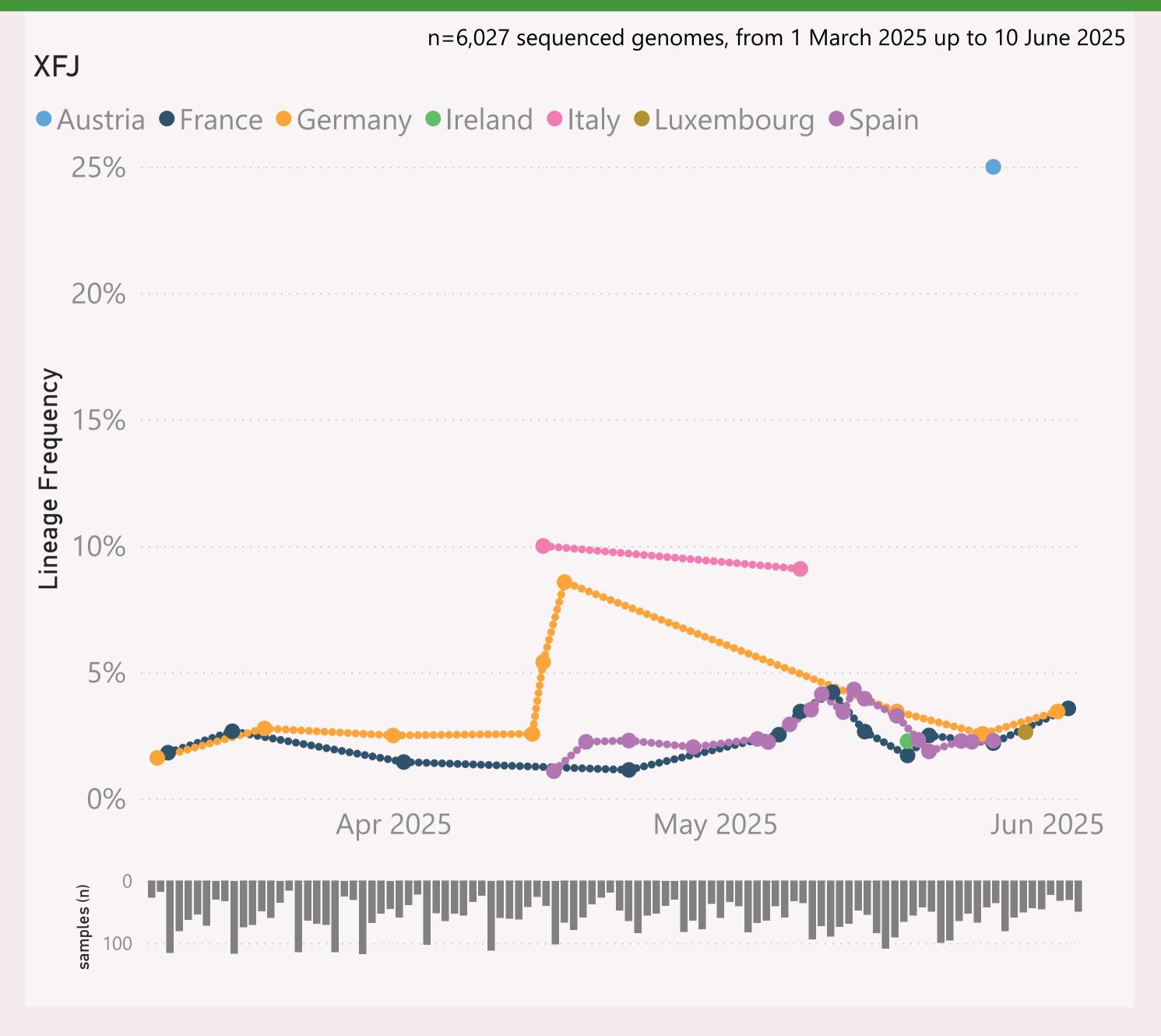


This page shows the frequency of a selected Lineage L2 of interest, for the 7 countries reporting the most samples over recent months.

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.

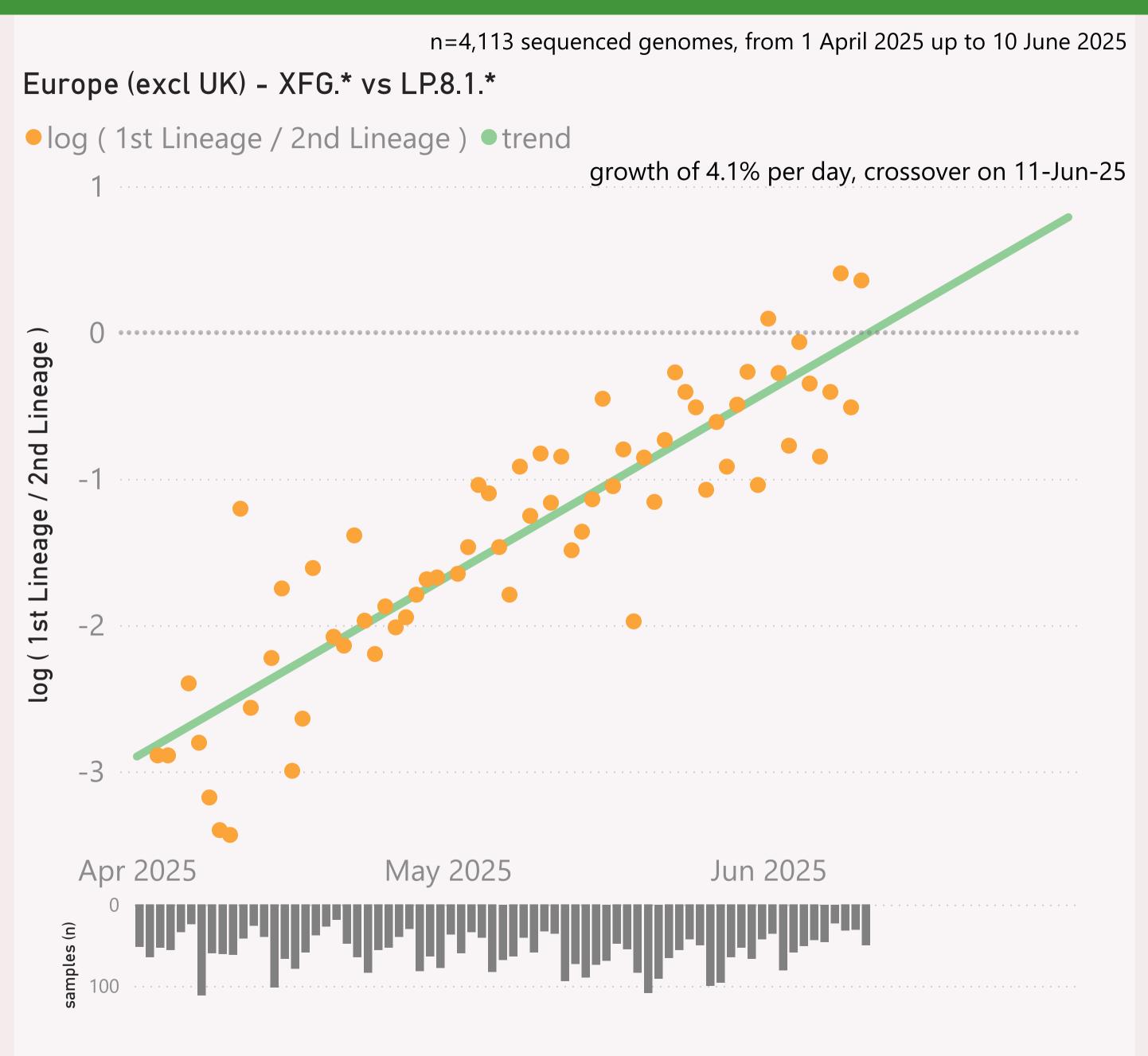


This page shows the frequency of a selected Lineage of interest, for the 7 countries reporting the most samples over recent months.

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.

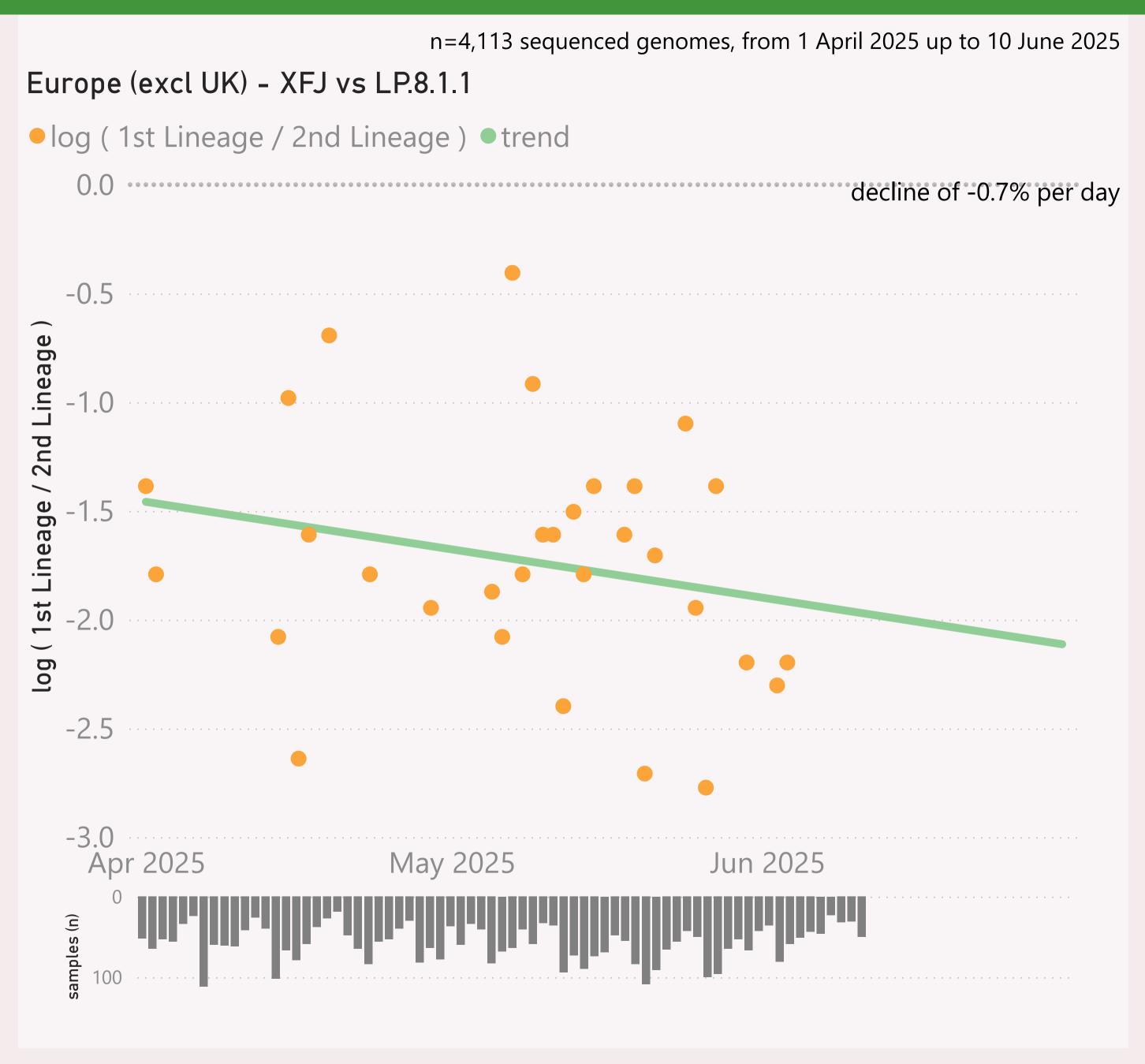


This page compares the relative frequency of 2 selected "Lineage L2" groups, over recent months. A challenging Lineage L2 is selected first, and compared to the incumbent.

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.

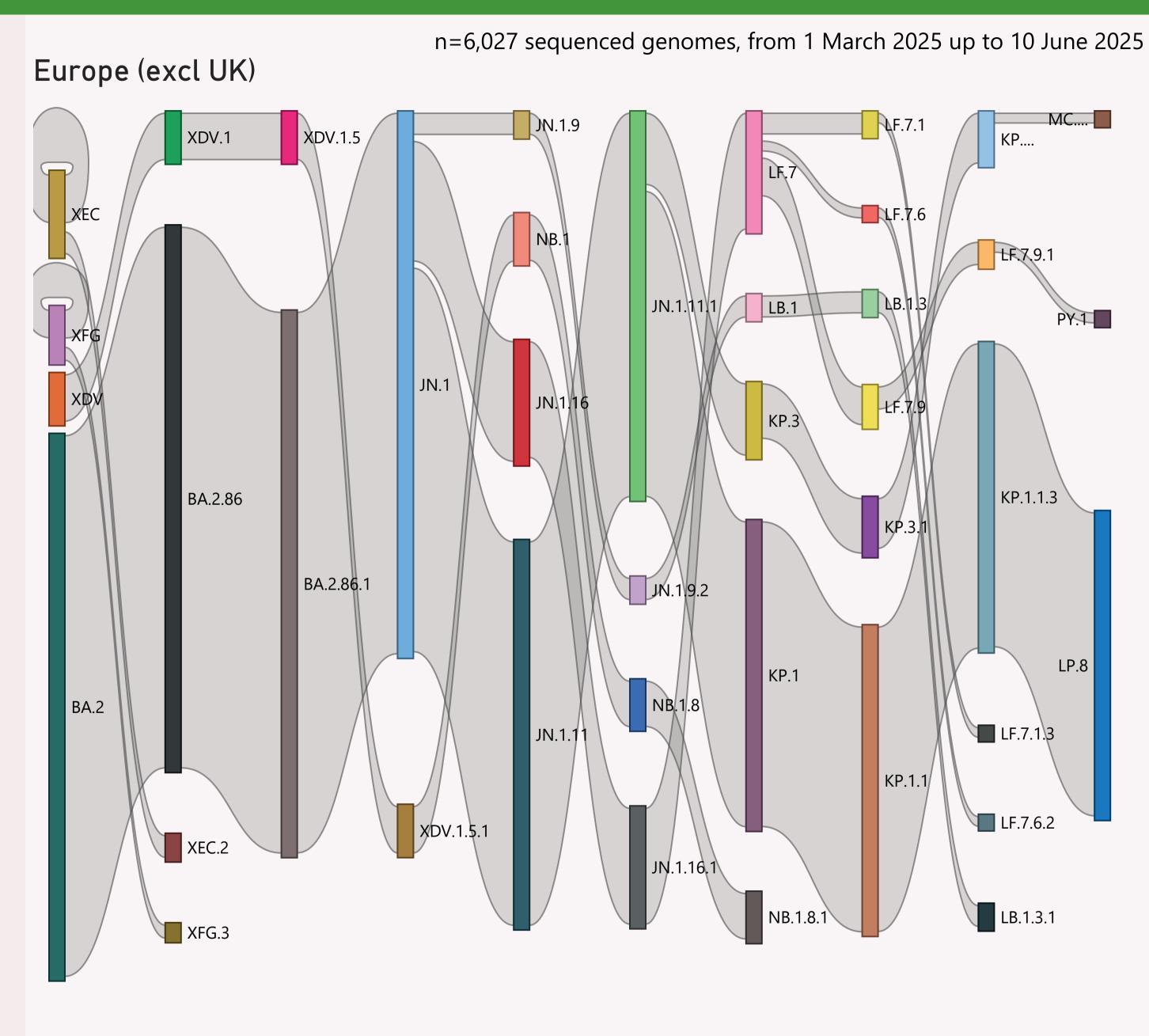


This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

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.



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

⊞ Spain 1,583 10/06/2025 22/06/2025 ⊞ France 774 10/06/2025 18/06/2025 ⊞ Russia 440 12/05/2025 21/06/2025 ⊞ Ireland 349 10/06/2025 22/06/2025 ⊞ Italy 184 07/06/2025 22/06/2025 ⊞ Norway 184 10/06/2025 22/06/2025 ⊞ Norway 187 09/06/2025 22/06/2025 ⊞ Luxembourg 171 02/06/2025 19/06/2025 ⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 04/06/2025 ⊞ Belgium 29 15/05/2025 <	Country	# Samples Sequenced	Latest Collection date	by Collection date	Latest Submission date	by Submission date
⊞ Russia 440 12/05/2025 21/06/2025 ⊞ Ireland 349 10/06/2025 22/06/2025 ⊞ Italy 184 07/06/2025 22/06/2025 ℍ Norway 184 10/06/2025 22/06/2025 ℍ Portugal 177 03/06/2025 22/06/2025 ℍ Netherlands 175 09/06/2025 22/06/2025 ℍ Luxembourg 171 02/06/2025 19/06/2025 ℍ Sweden 133 10/06/2025 22/06/2025 ℍ Sweden 133 10/06/2025 22/06/2025 ℍ Denmark 118 12/05/2025 04/06/2025 ℍ Finland 84 04/06/2025 19/06/2025 ℍ Switzerland 67 21/05/2025 04/06/2025 ℍ Belgium 29 15/05/2025 04/06/2025 ℍ Poland 27 05/06/2025 12/06/2025 ℍ Ukraine 25 10/06/2025 22/06/2025 ℍ Lithuania 9 04/04/2025 08/05/2025 ℍ Romania 8 08/06/2025 17/06/2025 ℍ Austria 7 27/05/2025	⊞ Spain	1,583	10/06/2025	الليميس	22/06/2025	لما الله ما أماني والما الم
□ Ireland 349 10/06/2025 22/06/2025 1 <td< td=""><td>⊕ France</td><td>774</td><td>10/06/2025</td><td>. 1</td><td>18/06/2025</td><td>and a community of the</td></td<>	⊕ France	774	10/06/2025	. 1	18/06/2025	and a community of the
⊞ Italy 184 07/06/2025 22/06/2025 ⊞ Norway 184 10/06/2025 22/06/2025 ⊞ Portugal 177 03/06/2025 22/06/2025 ⊞ Netherlands 175 09/06/2025 22/06/2025 ⊞ Luxembourg 171 02/06/2025 19/06/2025 ⊞ Germany 168 10/06/2025 22/06/2025 ⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Slovenia 5 11/05/2025 14/05/2025	⊕ Russia	440	12/05/2025	مالولا	21/06/2025	
⊞ Norway 184 10/06/2025 22/06/2025 ⊞ Portugal 177 03/06/2025 22/06/2025 ⊞ Netherlands 175 09/06/2025 22/06/2025 ⊞ Luxembourg 171 02/06/2025 19/06/2025 ⊞ Germany 168 10/06/2025 22/06/2025 ⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Silvenia 5 11/05/2025 21/05/2025	⊕ Ireland	349	10/06/2025	التأسي .	22/06/2025	as the old of
Image: Portugal Portugal 177 03/06/2025 22/06/2025 Image: Portugal Portugal 177 03/06/2025 22/06/2025 Image: Netherlands 175 09/06/2025 22/06/2025 Image: Luxembourg Portugal 171 02/06/2025 19/06/2025 Image: Luxembourg Portugal 171 02/06/2025 19/06/2025 Image: Germany Portugal 168 10/06/2025 22/06/2025 Image: Sweden Portugal 133 10/06/2025 22/06/2025 Image: Denmark Portugal 118 12/05/2025 04/06/2025 Image: Denmark Portugal 118 12/05/2025 19/06/2025 Image: Switzerland Portugal 84 04/06/2025 19/06/2025 Image: Switzerland Portugal 67 21/05/2025 17/06/2025 Image: Poland Portugal 29 15/05/2025 04/06/2025 Image: Poland Poland Poland 27 05/06/2025 12/06/2025 Image: Poland	⊞ Italy	184	07/06/2025	ومناطين والمراوية	22/06/2025	There is a street
⊞ Netherlands 175 09/06/2025 22/06/2025 19/06/2025 ⊞ Luxembourg 171 02/06/2025 19/06/2025 19/06/2025 ⊞ Germany 168 10/06/2025 22/06/2025 1 ⊞ Sweden 133 10/06/2025 22/06/2025 1 ⊞ Denmark 118 12/05/2025 04/06/2025 1 ⊞ Finland 84 04/06/2025 19/06/2025 1 ⊞ Switzerland 67 21/05/2025 04/06/2025 1 ⊞ Belgium 29 15/05/2025 04/06/2025 1 ⊞ Poland 27 05/06/2025 12/06/2025 1 ⊞ Ukraine 25 10/06/2025 22/06/2025 1 Шkraine 25 10/06/2025 08/05/2025 1 ⊞ Romania 8 08/06/2025 17/06/2025 1 ⊞ Austria 7 27/05/2025 06/06/2025 1 ⊞ Slovenia 5 11/05/2025 21/05/2025 21/05/2025	H Norway	184	10/06/2025	, desir	22/06/2025	
⊞ Luxembourg 171 02/06/2025 19/06/2025 ⊞ Germany 168 10/06/2025 22/06/2025 ⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	⊕ Portugal	177	03/06/2025	التد	22/06/2025	_
⊞ Germany 168 10/06/2025 22/06/2025 ⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	Metherlands	175	09/06/2025	. a.th	22/06/2025	
⊞ Sweden 133 10/06/2025 22/06/2025 ⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025		171	02/06/2025	النان	19/06/2025	
⊞ Denmark 118 12/05/2025 04/06/2025 ⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	H Germany	168	10/06/2025		22/06/2025	1
⊞ Finland 84 04/06/2025 19/06/2025 ⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	± Sweden	133	10/06/2025	بالأشار	22/06/2025	Ji 1 1.
⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	Denmark	118	12/05/2025		04/06/2025	
⊞ Switzerland 67 21/05/2025 17/06/2025 ⊞ Belgium 29 15/05/2025 04/06/2025 ⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	E Finland	84	04/06/2025		19/06/2025	
⊞ Poland 27 05/06/2025 12/06/2025 ⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	Example 2 Switzerland	67	21/05/2025		17/06/2025	al r
⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	⊞ Belgium	29	15/05/2025	₩	04/06/2025	
⊞ Ukraine 25 10/06/2025 22/06/2025 ⊞ Lithuania 9 04/04/2025 08/05/2025 ⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	Poland	27	05/06/2025	r mil	12/06/2025	
⊞ Romania 8 08/06/2025 17/06/2025 ⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025	Ukraine	25	10/06/2025		22/06/2025	
⊞ Austria 7 27/05/2025 06/06/2025 ⊞ Croatia 7 11/04/2025 14/05/2025 ⊞ Slovenia 5 11/05/2025 21/05/2025		9	04/04/2025		08/05/2025	.1
 ☐ Croatia ☐ Total ☐ Total	E Romania	8	08/06/2025		17/06/2025	
 ∃ Slovenia 5 11/05/2025 10/06/2025 21/05/2025 32/06/2025 	Austria	7	27/05/2025		06/06/2025	
Total 10/06/2025 - 22/06/2025	⊕ Croatia	7	11/04/2025		14/05/2025	
Total 4,724 10/06/2025 22/06/2025	 Slovenia	5	11/05/2025		21/05/2025	
	Total	4,724	10/06/2025	الأللسيسي .	22/06/2025	and the manager of the first ball

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.