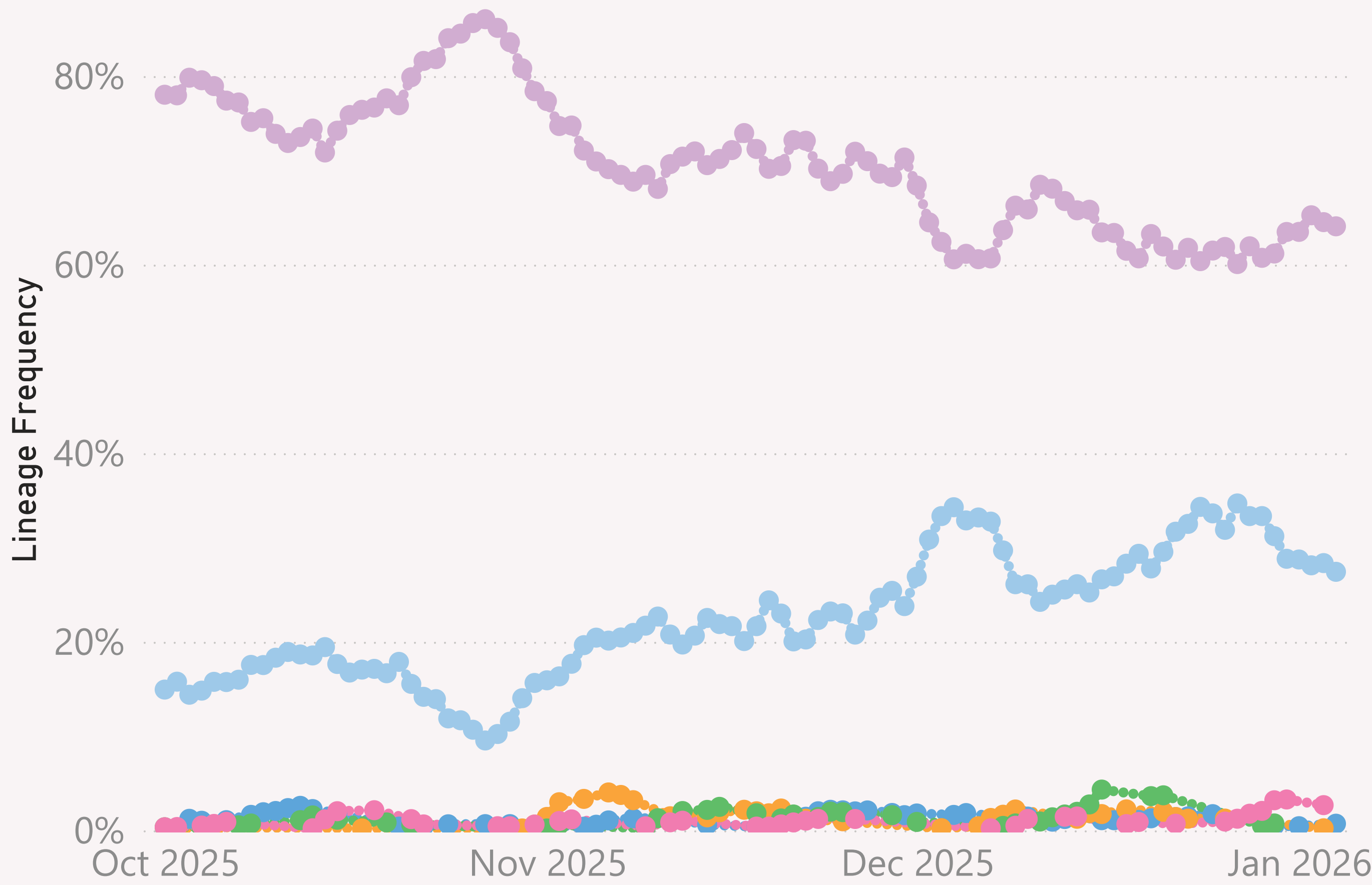


n=6,262 sequenced genomes, from 1 October 2025 up to 4 January 2026

Canada

JN.1.* +FLiRT NB.1.8.1.* Nimbus XFG.* XFJ.* XFV.* XFY.*



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.

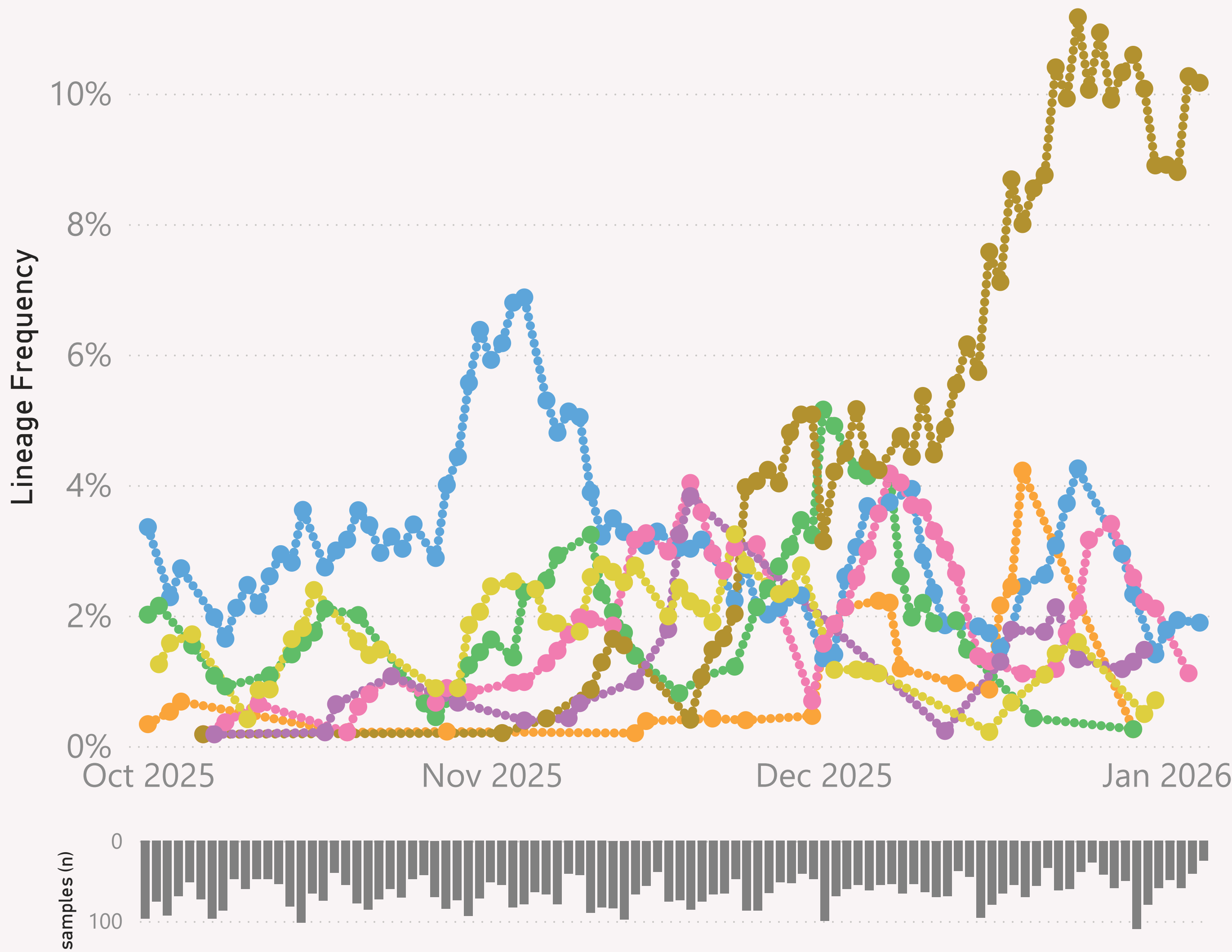
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

n=6,262 sequenced genomes, from 1 October 2025 up to 4 January 2026

Canada

● NB.1.8.1 ● PQ.13.1 ● PQ.2 ● PQ.2.1 ● PQ.2.1.3 ● PQ.2.4 ● PQ.2.5.3



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 NB.1.8.1.* "Nimbus".

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.

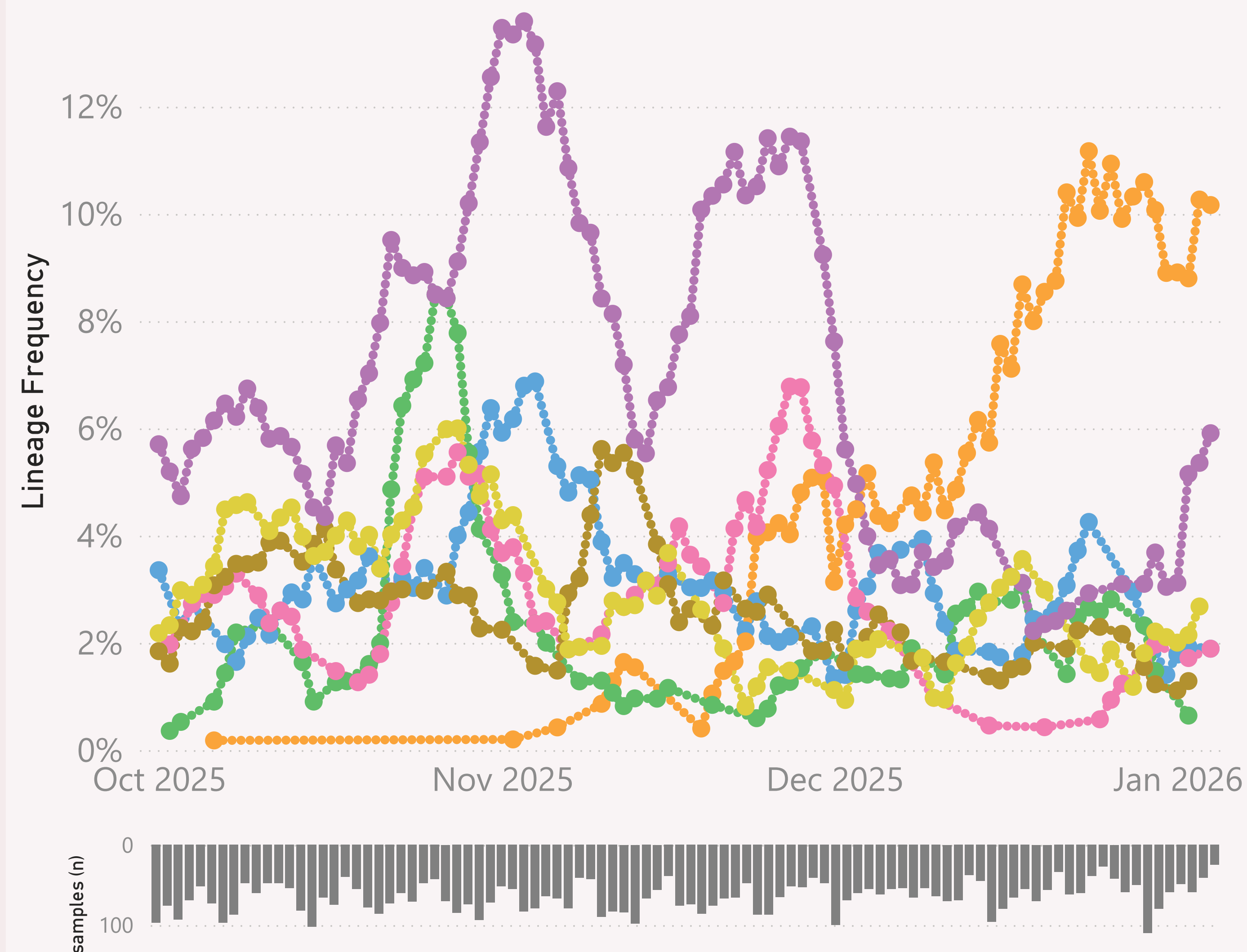
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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n=6,262 sequenced genomes, from 1 October 2025 up to 4 January 2026

Canada

● NB.1.8.1 ● PQ.2.1.3 ● QF.2 ● XFG ● XFG.2 ● XFG.3 ● XFG.3.15



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.

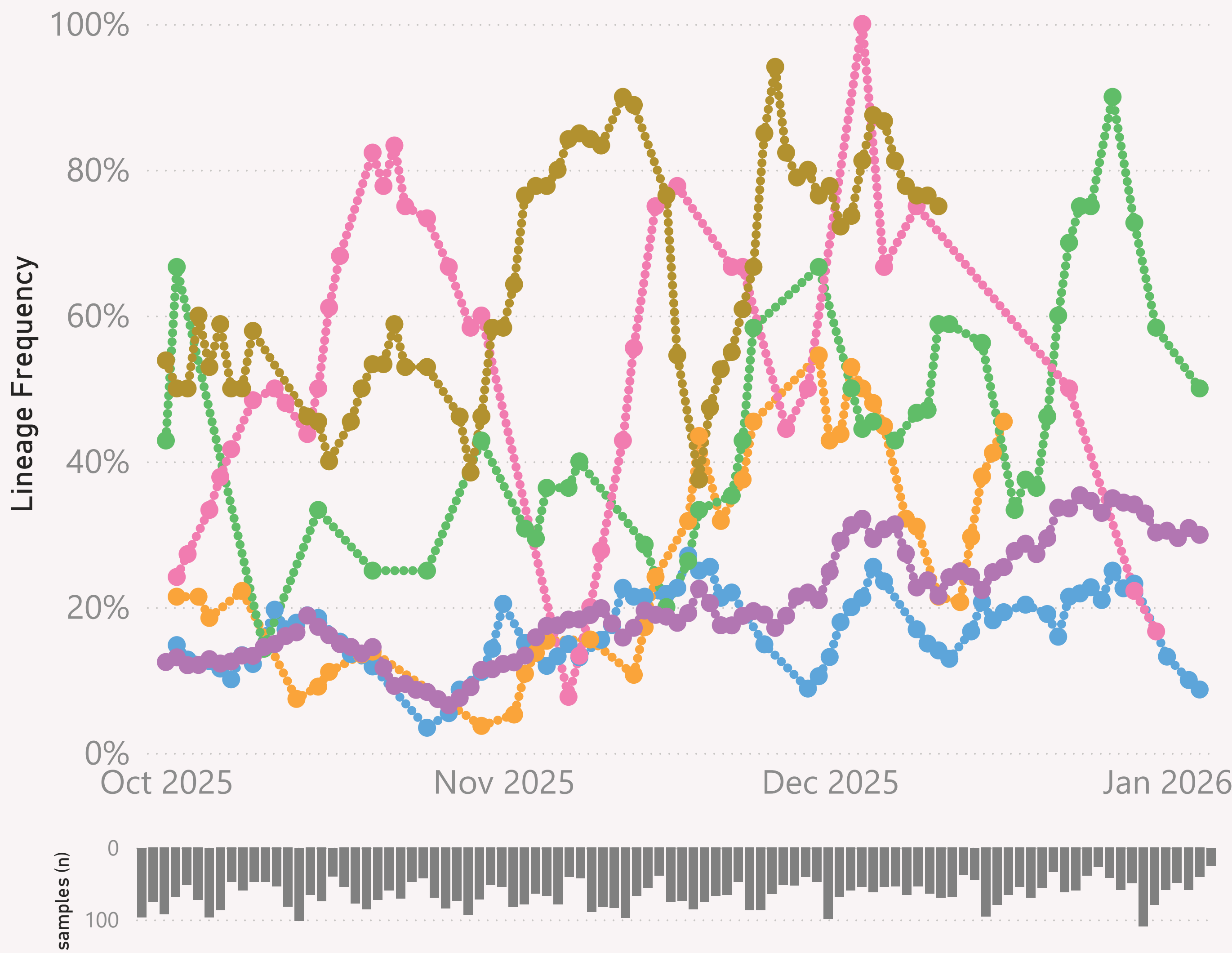
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

n=6,262 sequenced genomes, from 1 October 2025 up to 4 January 2026

NB.1.8.1.* Nimbus

● Alberta ● British Colu... ● New Brunswick ● Newfoundl... ● Nova Scotia ● Ontario



This page shows the frequency of a selected Lineage L2 of interest, across the provinces of Canada, 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.

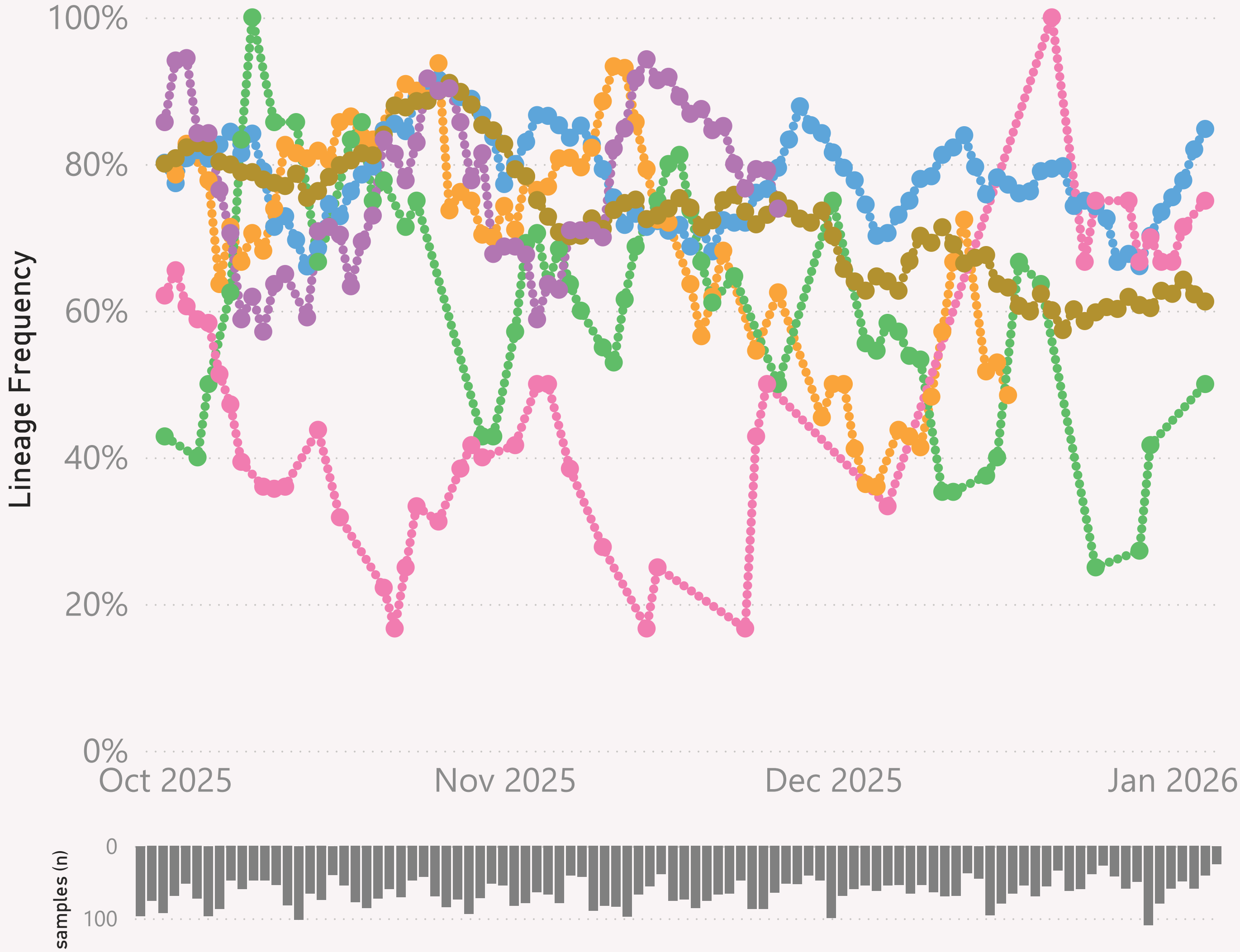
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

n=6,262 sequenced genomes, from 1 October 2025 up to 4 January 2026

XFG.*

● Alberta ● British Colu... ● New Bruns... ● Newfoundla... ● Ontario ● Saskatche...



This page shows the frequency of a selected Lineage L2 of interest, across the provinces of Canada, 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.

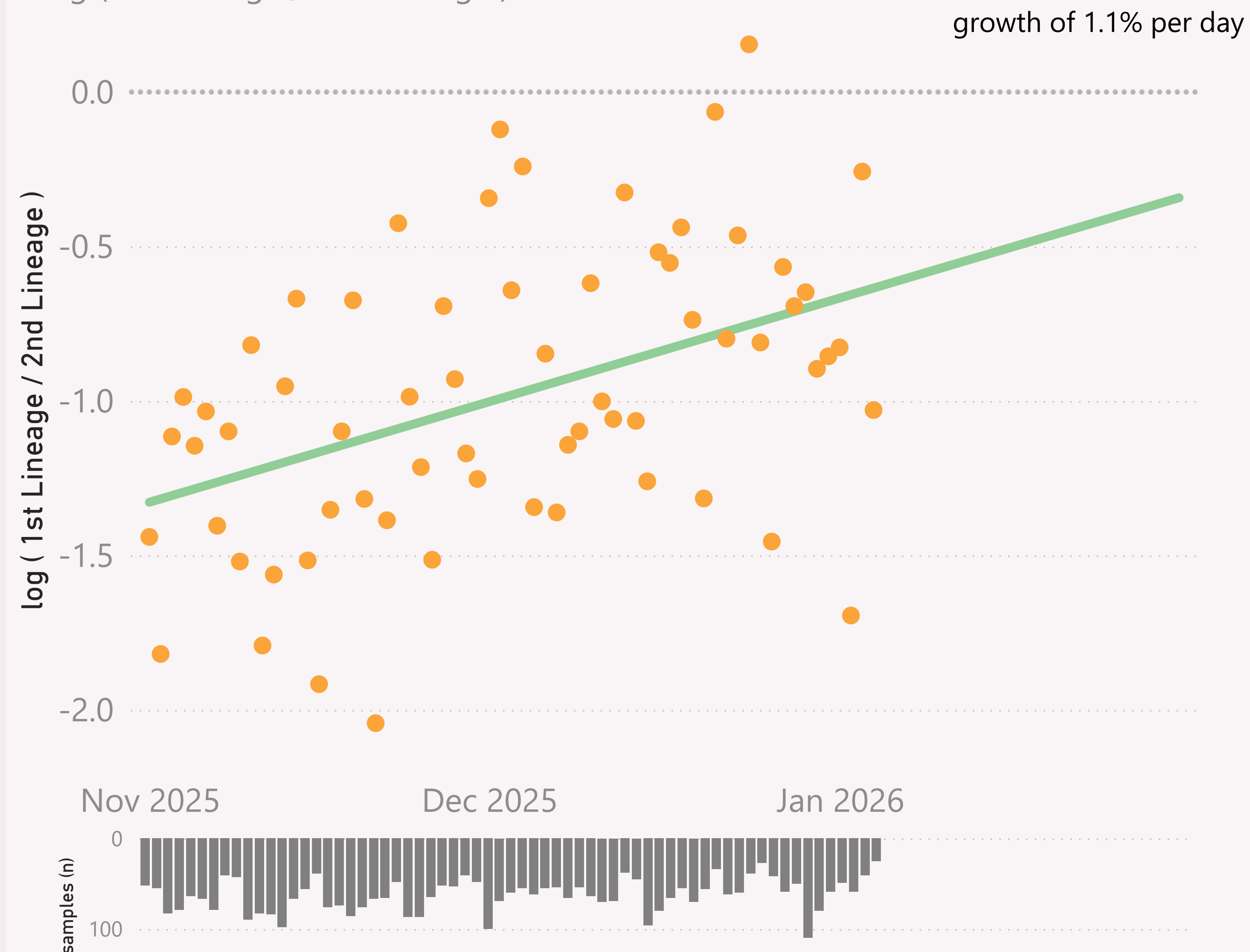
The grey column chart across the bottom shows the volume of sequences available by date. As there can be long sample and data processing times, it is quite routine for recent dates to show lower sample sizes.

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

n=4,086 sequenced genomes, from 1 November 2025 up to 4 January 2026

Canada - NB.1.8.1.* Nimbus vs XFG.*

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



This page compares the relative frequency of 2 selected Lineage L2s, 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

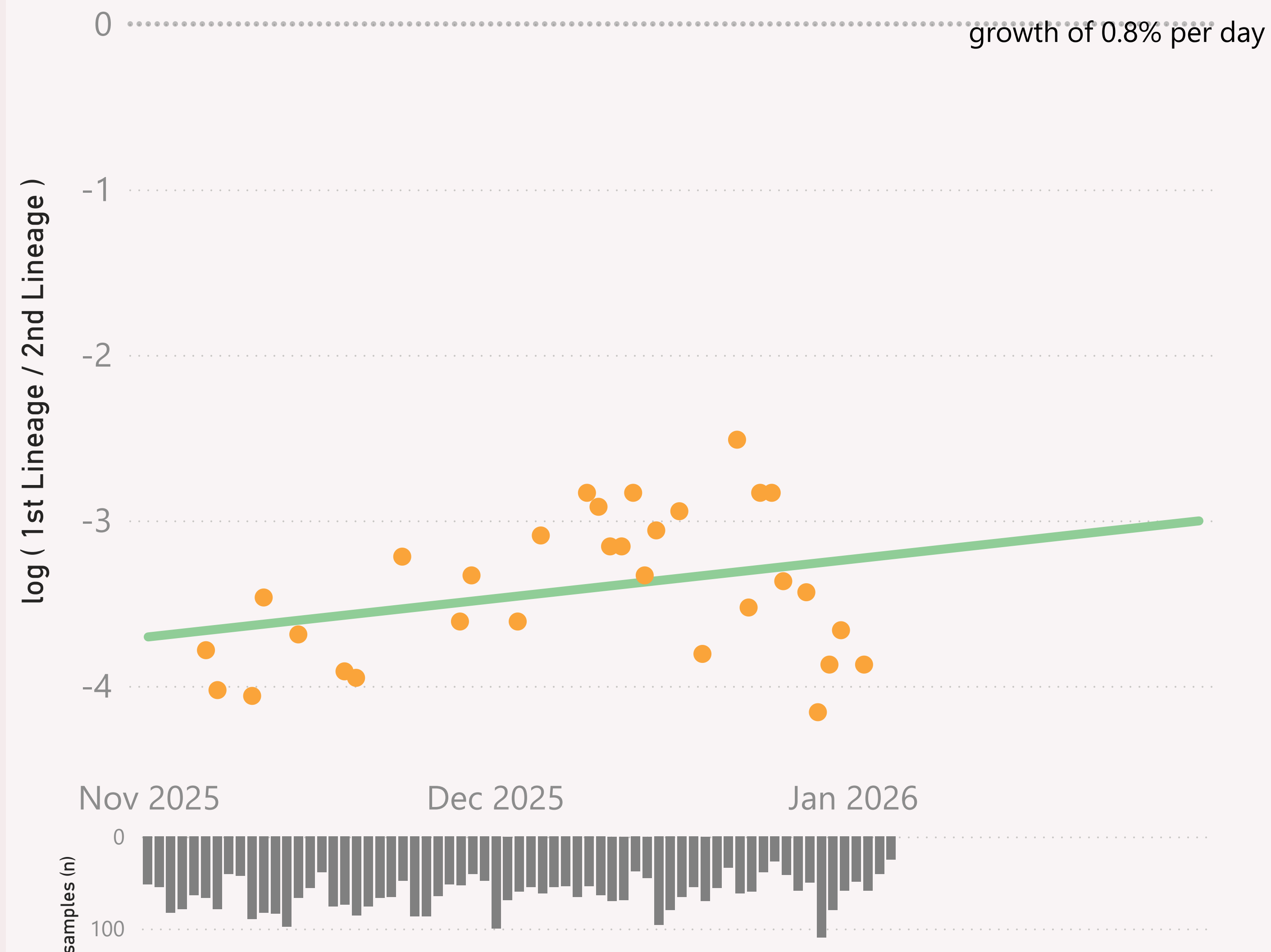
The Lineage classifications are provided by Nextclade.

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=4,086 sequenced genomes, from 1 November 2025 up to 4 January 2026

Canada - XFG.1.1 vs XFG.*

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



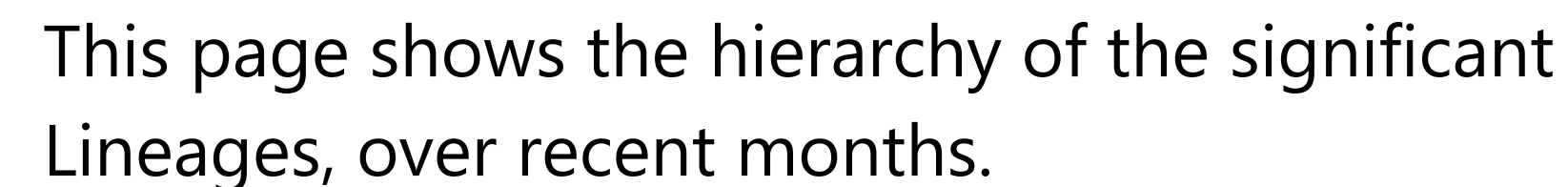
This page compares the relative frequency of 2 selected Lineages, over recent months. A challenging Lineage is selected first, and compared to the incumbent.

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.

Canada



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
Canada	4,241	04/01/2026		14/01/2026	
Alberta	509	04/01/2026		14/01/2026	
British Columbia	242	17/12/2025		14/01/2026	
Manitoba	62	28/10/2025		19/12/2025	
New Brunswick	87	04/01/2026		14/01/2026	
Newfoundland and Labrador	96	04/01/2026		14/01/2026	
Nova Scotia	102	11/12/2025		14/01/2026	
Ontario	2,878	04/01/2026		14/01/2026	
Quebec	30	20/11/2025		17/12/2025	
Saskatchewan	235	26/11/2025		18/12/2025	
Total	4,241	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. 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.