

UK Lineages report

This report gives summaries of UK specific lineages for week 2020-09-13. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-09-10. The analysis (eg time since last sample) is therefore undertaken from this date. 54302 sequences in the UK have been included in this analysis. 2198 lineages have been recorded, 974 of which only contain one sequence.

A few notes: the size of a lineage may be due to a low amount of transmission of this lineage, but it is likely also that it just hasn't been sampled as frequently, especially for newer lineages. It's also important to realise that these lineages are *estimates* of how we think the virus is spreading in the UK after being introduced from abroad, as the low evolutionary rate of the virus makes it difficult to separate lineages with certainty.

The minimum number of introductions is 156 and the maximum is 18234

Sequences which were replicates or too error-prone were removed from this analysis.

1636 are lineages which only contained five sequences or fewer, and so have been left out of visualisation in the interests of clarity

Furthermore, those sequences which haven't been sampled in the last month are not shown.

Of the 108 that remain: 77 are pending extinction, ie last seen three weeks ago. 22 lineages have gone quiet, ie haven't been seen this week. 4 lineages have reactivated. 5 lineages have been continuously circulating.

The following table contains information about the ten largest lineages and the number of sequences the dataset. Information about other lineages is found in the appendix, along with the raw data for all of the other figures.

Each entry is the count of sequences from each lineage in each country, with the percentage of the total sequences from that lineage that this count represents.

“Activity score” is calculated by taking the average gap between sampling for each lineage, and dividing it by the number of days since the lineage was last sampled. Therefore the higher the number, the more active the lineage is. If the score is above 1, then it has been sampled *more* recently than expected given its average gap size. We might interpret this as an increase in activity. If the score is below 1, it has been sampled *less* recently than expected given its average gap size, so we might interpret this as a decrease in activity.

The global lineages are correct as of the data release on 2020-07-20

It is written to “summary_files” as “lineage_summary.tsv” for further use, and the full list of lineages is available in the same directory as “all_lineages.csv”

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK5	9354 (82.3%)	449 (3.95%)	607 (5.34%)	956 (8.41%)	Feb-16, Sep-05	B.1.1.1, B.1.1.13, B.1.1.2, B.1.1.21, B.1.1.10, B.1.1, B.1.1.14, B.1.1.12, B.1.1.30, B.1.1.16	11366 taxa
UK175	1306 (49.87%)	748 (28.56%)	18 (0.69%)	547 (20.89%)	Feb-24, Aug-21	B.1, B.1.105, B.1.93, B.1.76, B.1.88, B.1.35, B.1.11, B.6, B.1.71, B.1.79, B.1.77, B.1.5, B.1.82, B.1.81, B.1.8, B, B.1.13	2619 taxa
UK1951	1994 (91.97%)	83 (3.83%)	2 (0.09%)	89 (4.11%)	Mar-02, Aug-20	B.1.1, B.1.1.1	2168 taxa
UK107	1650 (91.36%)	63 (3.49%)	18 (1.0%)	75 (4.15%)	Feb-09, Jul-20	B.2, B, B.2.1	1806 taxa
UK1205	1047 (96.14%)	1 (0.09%)	3 (0.28%)	38 (3.49%)	Mar-03, Aug-25	B.1.1, B.1.1.1, B.1.1.3	1089 taxa
UK109	555 (58.48%)	340 (35.83%)	11 (1.16%)	43 (4.53%)	Mar-12, Aug-21	B.1, B.1.100, B.1.79, B.1.77, B.1.5, B.1.99	949 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK336	158 (16.83%)	747 (79.55%)	4 (0.43%)	30 (3.19%)	Mar-11, Jul-22	B.1.77, B.1, B.1.93	939 taxa
UK199	515 (63.04%)	234 (28.64%)	2 (0.24%)	66 (8.08%)	Feb-26, Aug-26	B.1.5.10, B.1, B.1.11, B.1.104, B.1.5	817 taxa
UK1683	624 (76.66%)	75 (9.21%)	9 (1.11%)	106 (13.02%)	Mar-08, Aug-21	B.1.1.10, B.1.1, B.1.1.1	814 taxa
UK2913	514 (71.09%)	162 (22.41%)	19 (2.63%)	28 (3.87%)	Mar-07, Jul-15	B.1, B.1.11, B.1.5, B.1.13	723 taxa

These data is represented in the figure one. Note that the number of sequences is likely to be due more to differing sampling efforts in different regions, rather than genuine differences in numbers of cases.

The raw data for this bar chart are in the table above.

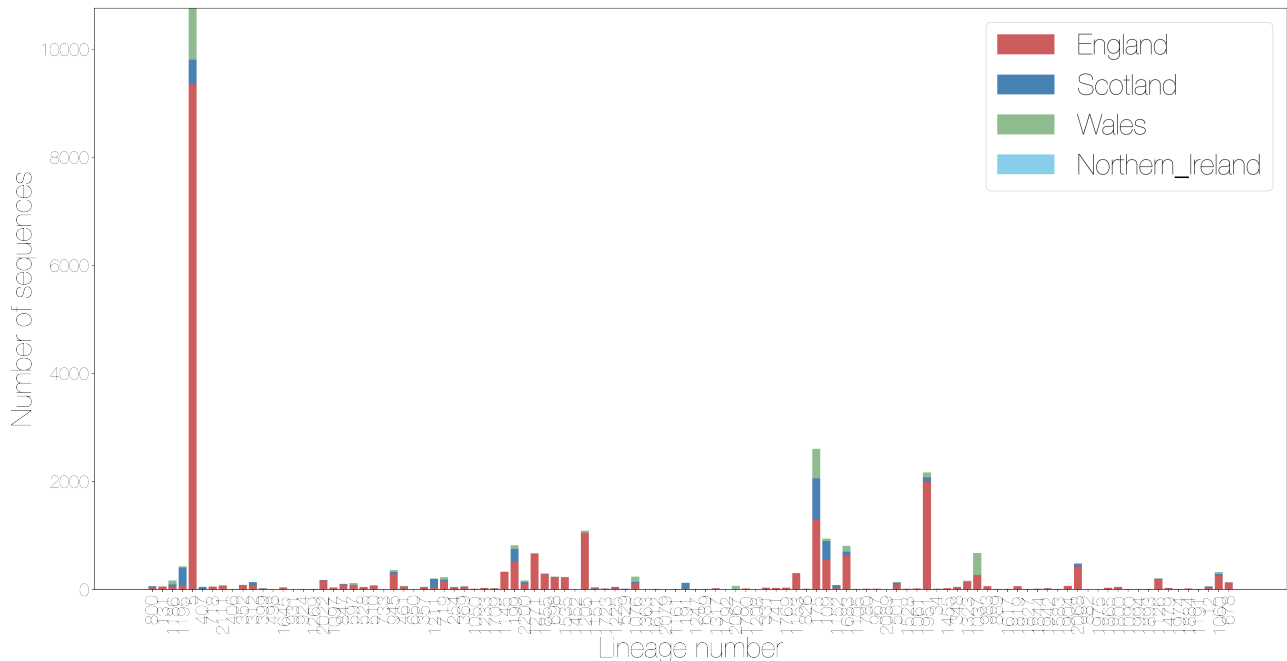


Figure 1: Number of sequences sampled in a lineage by country

Different sequencing centres have different delays in turn around from receipt of samples to submission of sequence data. This will affect all of the figures shown after this if lineages have geographical variation, as some regions have less up to date data.

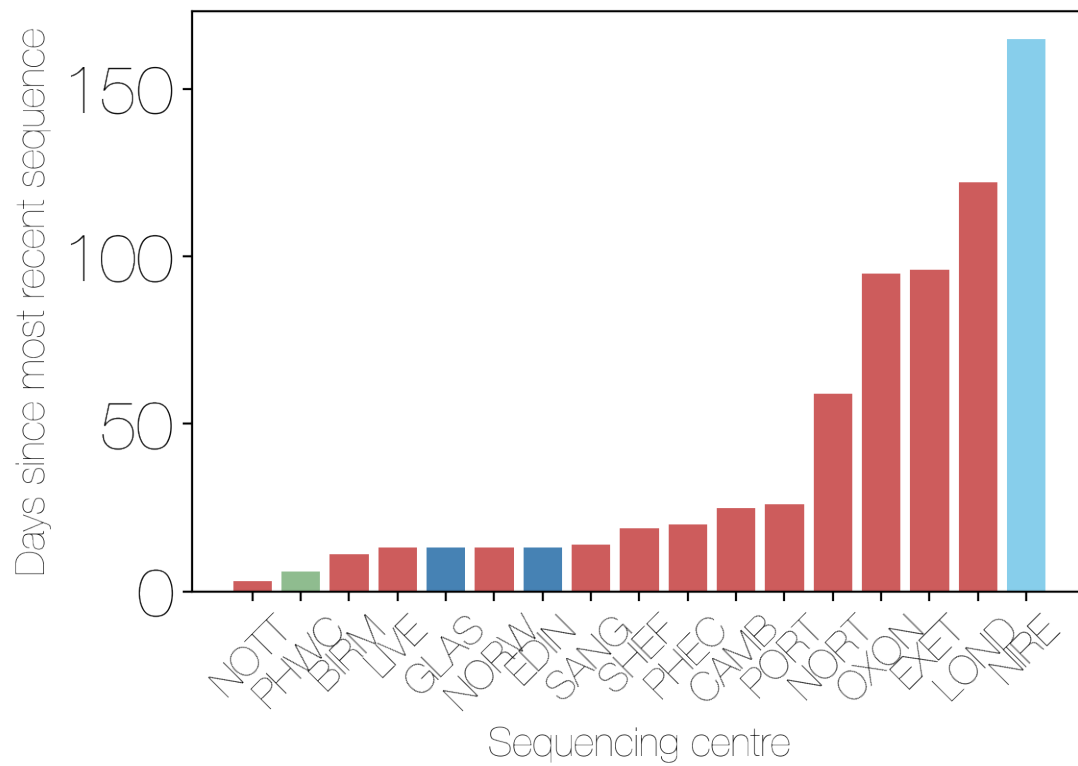


Figure 2: Lag since the most recent sequence from each sequencing centre to most current date

The relative growth and decline of the ten most sampled lineages in terms of number of counties they are present in is shown in figure three.

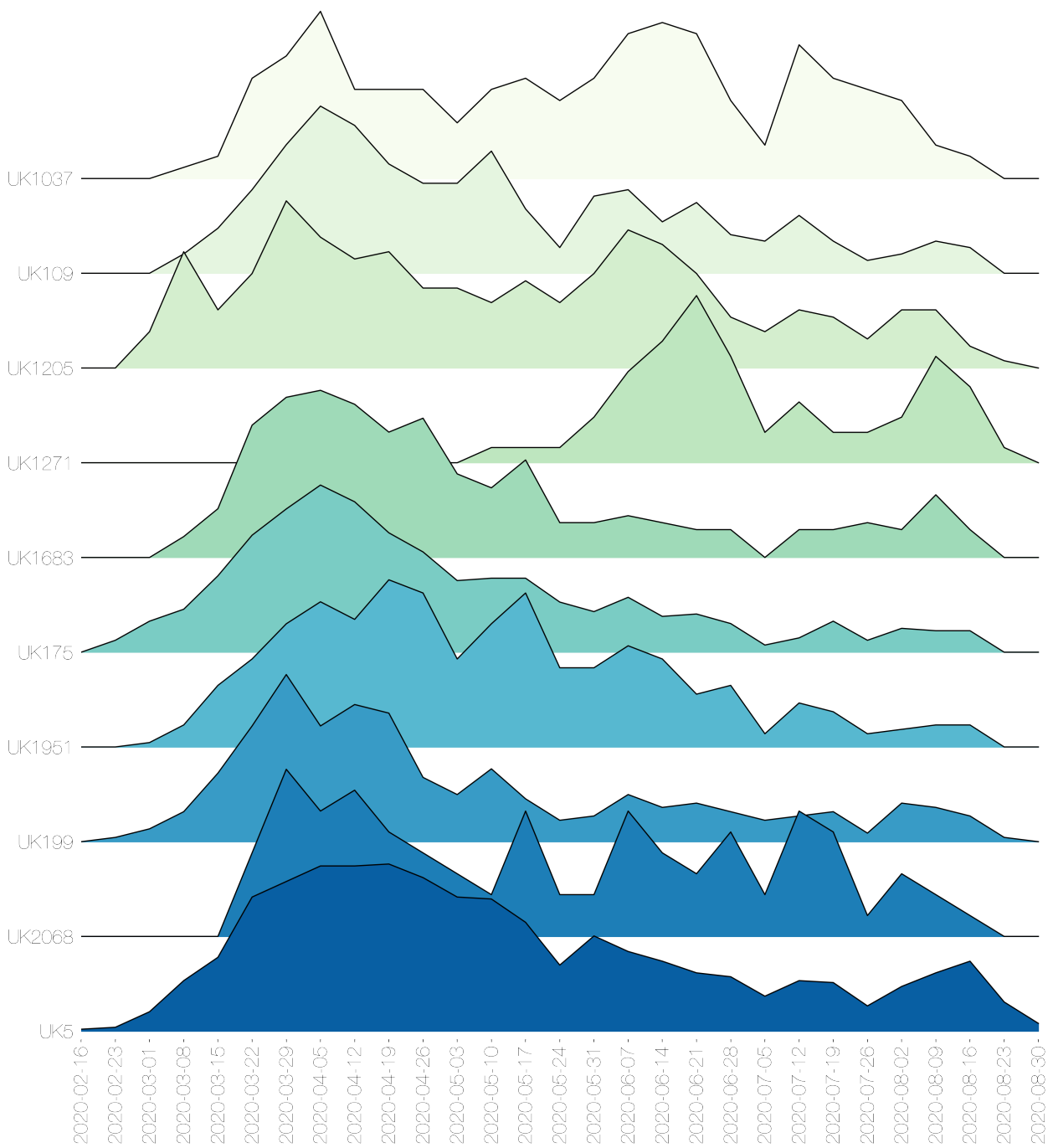


Figure 3: Lineages by number of adm2 regions present by epiweek

The growth and decline of diversity of lineages over time for each country is shown in the ridge plot in figure four. This is represented by the Shannon Diversity, calculated using the number of sequences from each country from each lineage.

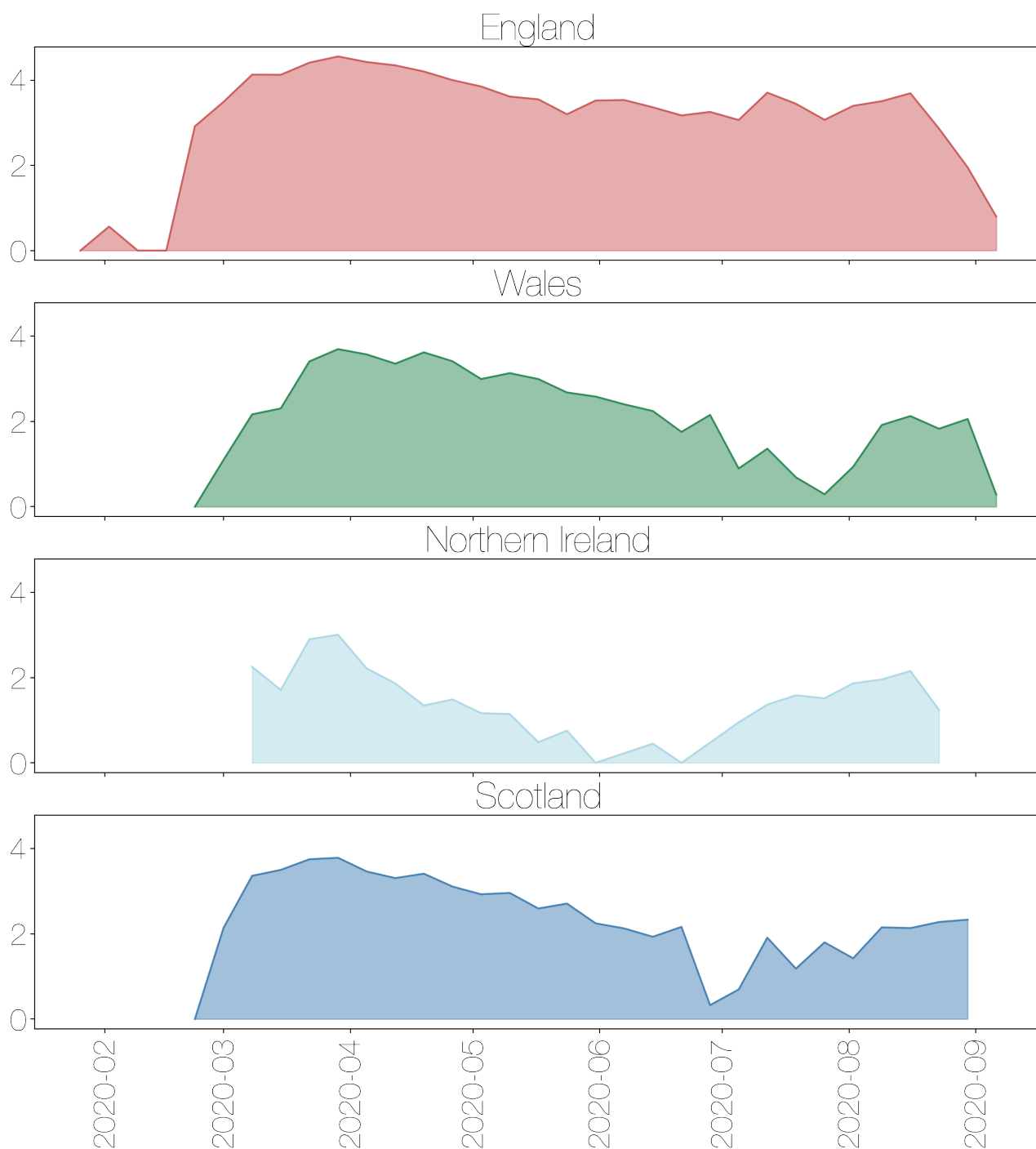


Figure 4: Shannon diversity of lineages in each adm1 region

These lineages are shown on the timeline. Each line represents the length of the cluster, from oldest to most recent sampling date. The dots are sized by the number of sequences taken on that date, and again are colour coded by country. The raw data has been written to a summary file.

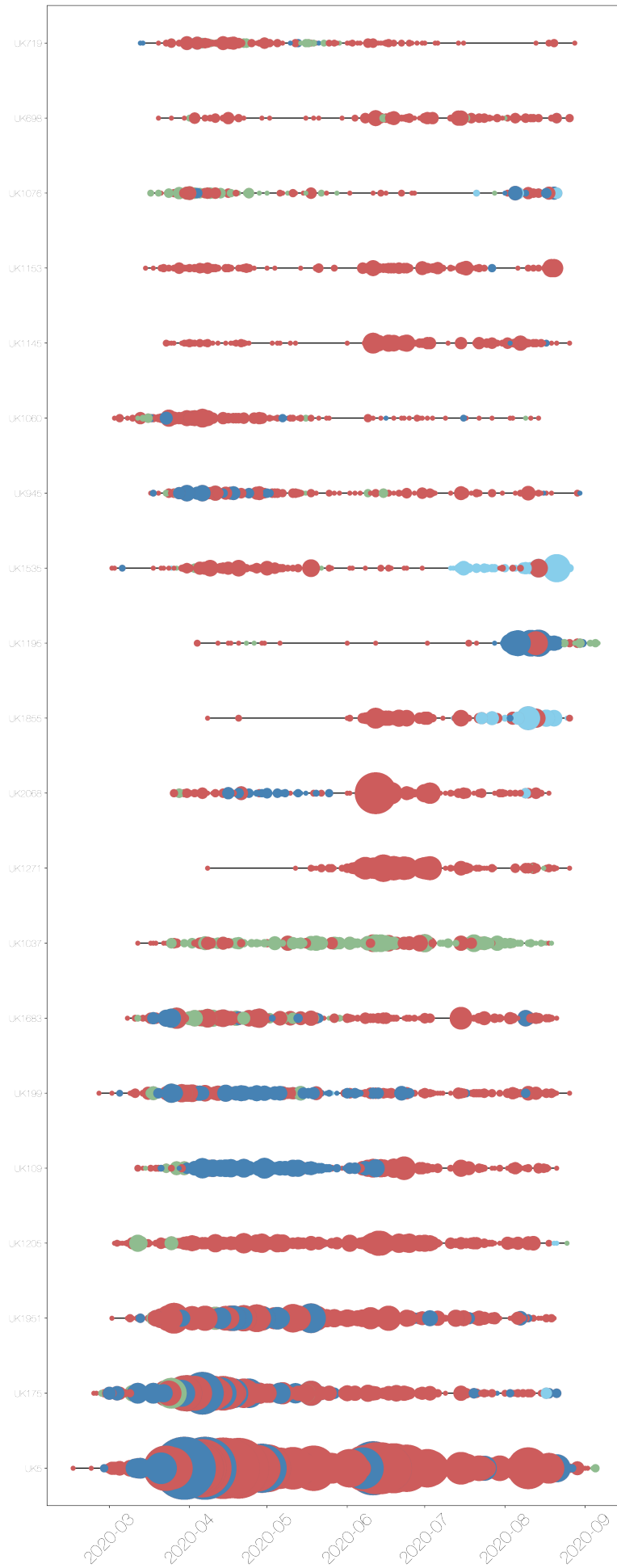


Figure 5: Timeline of lineages, sized by number of sequences from each country.

The date of first sequence in the cluster is shown in figure five for every cluster with date information.

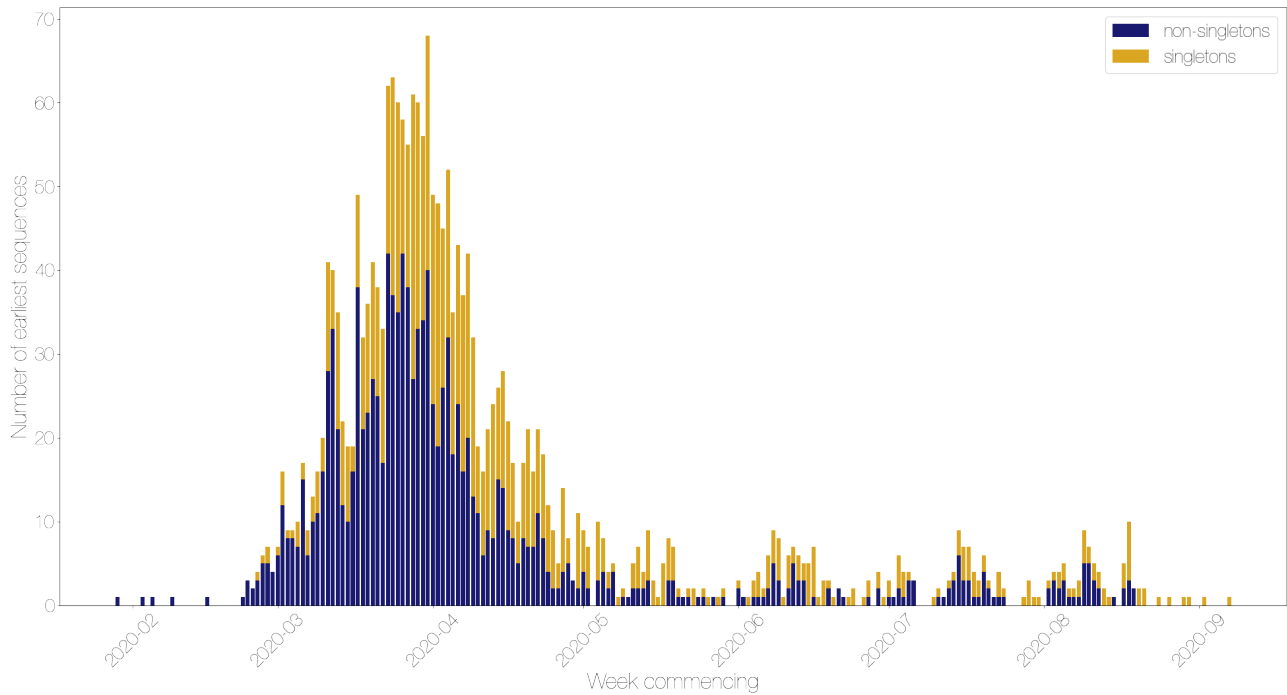


Figure 6: Lineage starts per week, split by singletons and non-singletons

For comparison, here is a plot of the day that every sequence was taken, coloured by country. Note that sequences without dates were not included.

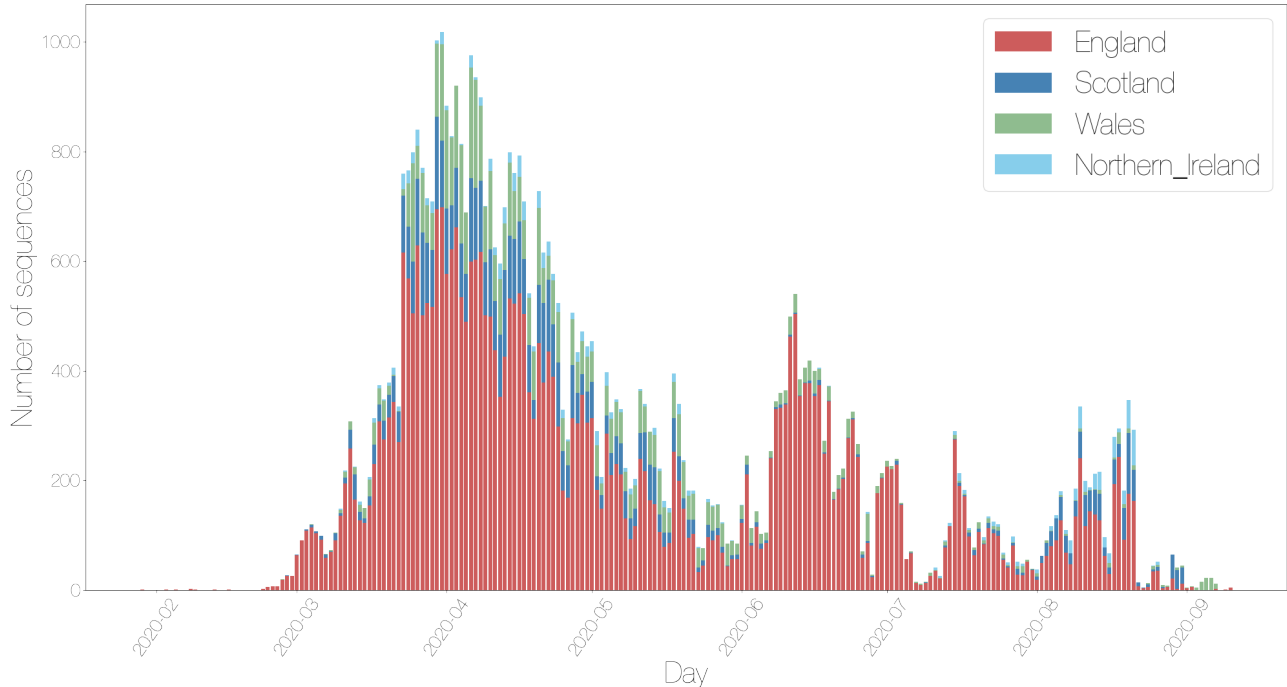


Figure 7: Sequences taken on each day by country

The map shows the number of sequences sampled in each admin2 region in the UK. The colour scale is the same for all four countries, but with different underlying base colours.

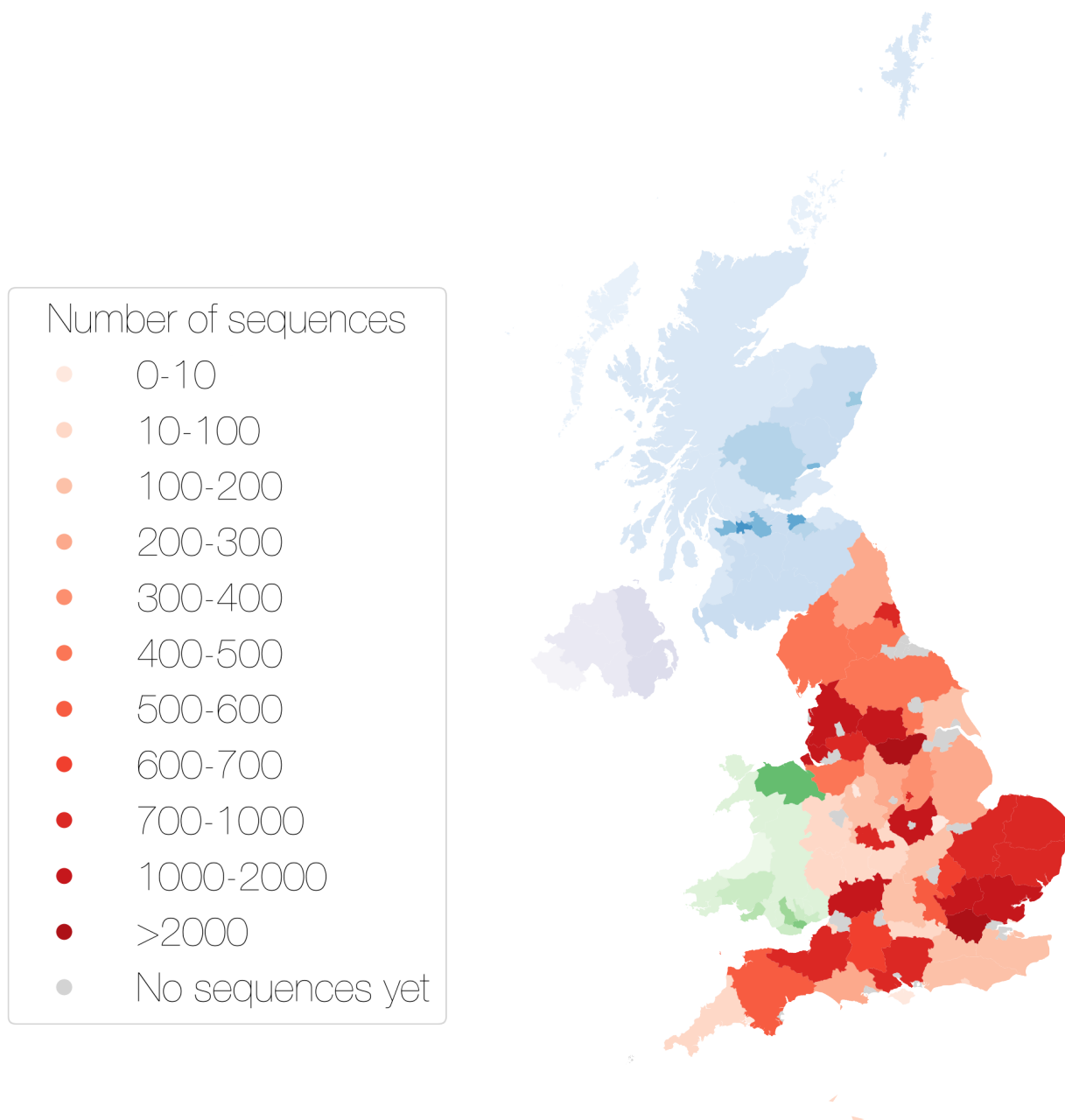


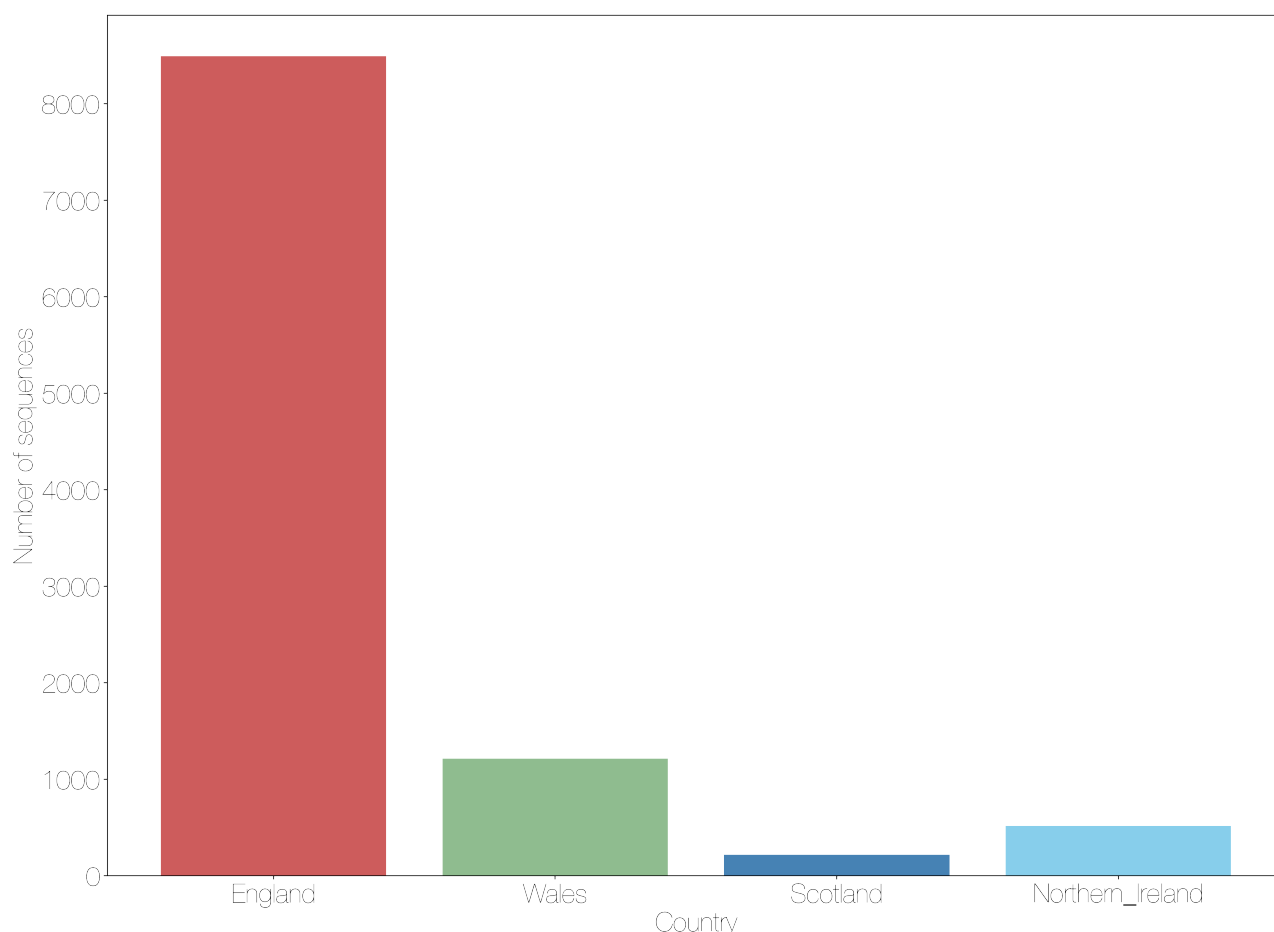
Figure 8: Map showing the number of sequences sampled by adm2 region

There are some sequences with locations that are not matched to real Admin2 regions, some manual curation required.

Other results modules for UK lineage analysis can be added in here if required.

Appendix

The plot below shows the number of sequences from each country that don't have specific enough location data to plot on the map.



Below are the raw data tables for each of the figures in the report.

Table S1 Description of all lineages that have been circulating in the last month, and have more than 5 sequences.

Lineage name	Northern				Date range	Global lineage	Total
	England	Scotland	Ireland	Wales			
UK5	9354 (82.3%)	449 (3.95%)	607 (5.34%)	956 (8.41%)	Feb-16, Sep-05	B.1.1.1, B.1.1.13, B.1.1.2, B.1.1.21, B.1.1.10, B.1.1, B.1.1.14, B.1.1.12, B.1.1.30, B.1.1.16	11366 taxa
UK175	1306 (49.87%)	748 (28.56%)	18 (0.69%)	547 (20.89%)	Feb-24, Aug-21	B.1, B.1.105, B.1.93, B.1.76, B.1.88, B.1.35, B.1.11, B.6, B.1.71, B.1.79, B.1.77, B.1.5, B.1.82, B.1.81, B.1.8, B, B.1.13	2619 taxa
UK1951	1994 (91.97%)	83 (3.83%)	2 (0.09%)	89 (4.11%)	Mar-02, Aug-20	B.1.1, B.1.1.1	2168 taxa
UK107	1650 (91.36%)	63 (3.49%)	18 (1.0%)	75 (4.15%)	Feb-09, Jul-20	B.2, B, B.2.1	1806 taxa
UK1205	1047 (96.14%)	1 (0.09%)	3 (0.28%)	38 (3.49%)	Mar-03, Aug-25	B.1.1, B.1.1.1, B.1.1.3	1089 taxa
UK109	555 (58.48%)	340 (35.83%)	11 (1.16%)	43 (4.53%)	Mar-12, Aug-21	B.1, B.1.100, B.1.79, B.1.77, B.1.5, B.1.99	949 taxa

Lineage name	Northern				Date range	Global lineage	Total
	England	Scotland	Ireland	Wales			
UK336	158 (16.83%)	747 (79.55%)	4 (0.43%)	30 (3.19%)	Mar-11, Jul-22	B.1.77, B.1, B.1.93	939 taxa
UK199	515 (63.04%)	234 (28.64%)	2 (0.24%)	66 (8.08%)	Feb-26, Aug-26	B.1.5.10, B.1, B.1.11, B.1.104, B.1.5	817 taxa
UK1683	624 (76.66%)	75 (9.21%)	9 (1.11%)	106 (13.02%)	Mar-08, Aug-21	B.1.1.10, B.1.1, B.1.1.1	814 taxa
UK2913	514 (71.09%)	162 (22.41%)	19 (2.63%)	28 (3.87%)	Mar-07, Jul-15	B.1, B.1.11, B.1.5, B.1.13	723 taxa
UK5676	446 (62.38%)	192 (26.85%)	5 (0.7%)	72 (10.07%)	Feb-26, Jul-22	B.2.2, B.2.1, B.2.9, B.2.4, B.2	715 taxa
UK2464	395 (55.95%)	209 (29.6%)	0 (0%)	102 (14.45%)	Mar-09, Jun-29	B.1, B.1.11, B.1.5, B.1.81, B.1.90	706 taxa
UK1037	264 (39.05%)	1 (0.15%)	0 (0%)	411 (60.8%)	Mar-12, Aug-19	B.1.1, B.1.1.30	676 taxa
UK1271	666 (99.25%)	0 (0%)	0 (0%)	5 (0.75%)	Apr-08, Aug-26	B.1.1	671 taxa
UK61	56 (9.2%)	0 (0%)	0 (0%)	553 (90.8%)	Mar-08, Aug-03	B.6, B, B.3	609 taxa
UK1091	61 (10.22%)	0 (0%)	0 (0%)	536 (89.78%)	Mar-13, Jul-15	B.1.1, B.1.1.2	597 taxa
UK2916	472 (79.73%)	27 (4.56%)	9 (1.52%)	84 (14.19%)	Feb-03, Aug-11	B.1, B.1.11, B.1.98	592 taxa
UK2068	423 (87.76%)	56 (11.62%)	1 (0.21%)	2 (0.41%)	Mar-26, Aug-18	B.1.1, B.1.1.4	482 taxa
UK72	373 (81.09%)	52 (11.3%)	14 (3.04%)	21 (4.57%)	Feb-05, Jun-23	B.2, B, B.2.1	460 taxa
UK1855	285 (64.92%)	6 (1.37%)	147 (33.49%)	1 (0.23%)	Apr-08, Aug-26	B.1.1, B.1.1.3	439 taxa
UK5741	271 (62.01%)	1 (0.23%)	0 (0%)	165 (37.76%)	Mar-11, Jul-15	B.1, B.1.122, B.1.35, B.1.44, B.1.5	437 taxa
UK167	324 (75.52%)	42 (9.79%)	31 (7.23%)	32 (7.46%)	Mar-11, Jul-15	B.1, B.1.5, B.1.117, B.1.2	429 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1195	71 (16.59%)	333 (77.8%)	0 (0%)	24 (5.61%)	Apr-04, Sep-06	B.1.1, B.1.1.25	428 taxa
UK1535	218 (51.42%)	5 (1.18%)	191 (45.05%)	10 (2.36%)	Mar-02, Aug-26	B.1.1, B.1.1.3	424 taxa
UK945	279 (74.2%)	42 (11.17%)	15 (3.99%)	40 (10.64%)	Mar-17, Aug-30	B.1.1, B.1.1.28	376 taxa
UK699	23 (6.85%)	0 (0%)	0 (0%)	313 (93.15%)	Mar-12, Jun-30	B.1, B.1.5, B.1.5.9	336 taxa
UK1060	257 (77.88%)	29 (8.79%)	8 (2.42%)	36 (10.91%)	Mar-03, Aug-14	B.1.1.10, B.1.1, B.1.1.1	330 taxa
UK1684	279 (84.55%)	36 (10.91%)	2 (0.61%)	13 (3.94%)	Mar-14, Jul-04	B.1.1, B.1.1.1	330 taxa
UK1145	323 (98.18%)	6 (1.82%)	0 (0%)	0 (0%)	Mar-23, Aug-26	B.1.1	329 taxa
UK600	247 (80.72%)	41 (13.4%)	3 (0.98%)	15 (4.9%)	Feb-29, Jul-13	B.1.1, B.1	306 taxa
UK9	301 (99.34%)	1 (0.33%)	0 (0%)	1 (0.33%)	Mar-09, May-18	B.1, B.1.5, B.1.13	303 taxa
UK1153	296 (98.01%)	2 (0.66%)	1 (0.33%)	3 (0.99%)	Mar-15, Aug-21	B.1.1	302 taxa
UK40	8 (3.02%)	255 (96.23%)	0 (0%)	2 (0.75%)	Mar-13, Jun-23	B.16, B.2, B	265 taxa
UK1278	255 (99.22%)	1 (0.39%)	0 (0%)	1 (0.39%)	Mar-23, Jul-27	B.1.1	257 taxa
UK1076	118 (47.77%)	25 (10.12%)	8 (3.24%)	96 (38.87%)	Mar-17, Aug-22	B.1.1	247 taxa
UK698	228 (95.0%)	3 (1.25%)	1 (0.42%)	8 (3.33%)	Mar-20, Aug-26	B.1.1	240 taxa
UK267	207 (88.09%)	26 (11.06%)	0 (0%)	2 (0.85%)	Feb-25, Jul-15	B.2, B, B.2.1	235 taxa

Lineage name	Northern			Wales	Date range	Global lineage	Total
	England	Scotland	Ireland				
UK315	198 (85.34%)	6 (2.59%)	1 (0.43%)	27 (11.64%)	Feb-25, Aug-02	B.2, B.2.2, B.2.1	232 taxa
UK719	149 (64.22%)	33 (14.22%)	4 (1.72%)	46 (19.83%)	Mar-13, Aug-28	B.1.1.10, B.1.1	232 taxa
UK39	19 (9.18%)	187 (90.34%)	0 (0%)	1 (0.48%)	Mar-12, May-29	A.2	207 taxa
UK1126	191 (93.63%)	6 (2.94%)	1 (0.49%)	6 (2.94%)	Mar-11, Aug-17	B.1.1	204 taxa
UK1211	35 (17.41%)	164 (81.59%)	1 (0.5%)	1 (0.5%)	Apr-03, Aug-29	B.1.1	201 taxa
UK917	187 (94.44%)	9 (4.55%)	0 (0%)	2 (1.01%)	Mar-15, Jul-23	B.1.1	198 taxa
UK494	193 (97.97%)	3 (1.52%)	0 (0%)	1 (0.51%)	Mar-19, Jul-16	B.1.104, B.1.11, B.1.5, B.1	197 taxa
UK387	137 (73.66%)	16 (8.6%)	4 (2.15%)	29 (15.59%)	Mar-06, Jul-31	B.1, B.1.11, B.1.77, B.1.5, B.1.86, B.1.21	186 taxa
UK4	167 (92.27%)	5 (2.76%)	1 (0.55%)	8 (4.42%)	Feb-28, Apr-29	B.2, B	181 taxa
UK2022	167 (94.35%)	9 (5.08%)	1 (0.56%)	0 (0%)	Mar-24, Aug-31	B.1.1	177 taxa
UK1186	51 (29.31%)	42 (24.14%)	10 (5.75%)	71 (40.8%)	Aug-03, Sep-07	B.1, B.1.79	174 taxa
UK2200	115 (66.86%)	20 (11.63%)	6 (3.49%)	31 (18.02%)	Feb-28, Aug-26	B.1.35, B.1, B.1.5, B.1.5.6	172 taxa
UK6	157 (92.9%)	12 (7.1%)	0 (0%)	0 (0%)	Mar-06, Jul-17	B.1.93, B.1, B.1.5, B.1.75	169 taxa
UK5498	150 (88.76%)	11 (6.51%)	0 (0%)	8 (4.73%)	Mar-06, Jul-19	B.2	169 taxa
UK740	146 (87.43%)	20 (11.98%)	1 (0.6%)	0 (0%)	Mar-18, Jun-13	B.1.1	167 taxa
UK1323	147 (90.18%)	0 (0%)	0 (0%)	16 (9.82%)	Mar-19, Aug-19	B.1.1	163 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1065	28 (17.5%)	0 (0%)	0 (0%)	132 (82.5%)	Mar-21, Jul-22	B.1.1	160 taxa
UK51	147 (94.84%)	7 (4.52%)	1 (0.65%)	0 (0%)	Mar-21, Jul-15	B.1, B.1.36	155 taxa
UK822	0 (0%)	0 (0%)	0 (0%)	146 (100.0%)	Apr-14, Jun-30	B.1.120, B.1	146 taxa
UK2039	144 (98.63%)	0 (0%)	0 (0%)	2 (1.37%)	Mar-13, Jun-25	B.1.1	146 taxa
UK1157	129 (90.85%)	0 (0%)	5 (3.52%)	8 (5.63%)	Mar-07, Jul-23	B.1.1, B.1.1.7	142 taxa
UK312	70 (49.3%)	63 (44.37%)	6 (4.23%)	3 (2.11%)	Jul-21, Sep-02	B.1	142 taxa
UK1133	2 (1.45%)	0 (0%)	0 (0%)	136 (98.55%)	Apr-08, Jun-15	B.1.1.29, B.1.1	138 taxa
UK501	96 (71.11%)	29 (21.48%)	0 (0%)	10 (7.41%)	Mar-07, Aug-20	B.1, B.1.86	135 taxa
UK678	127 (95.49%)	4 (3.01%)	0 (0%)	2 (1.5%)	Mar-12, Aug-14	B.1.1	133 taxa
UK1119	7 (5.47%)	0 (0%)	0 (0%)	121 (94.53%)	Apr-04, Jul-16	B.1.1	128 taxa
UK191	15 (12.1%)	107 (86.29%)	0 (0%)	2 (1.61%)	Mar-22, Aug-21	B.1.77, B.1, B.1.5	124 taxa
UK31	118 (96.72%)	4 (3.28%)	0 (0%)	0 (0%)	Mar-10, Jul-23	B.2, B, B.3	122 taxa
UK597	84 (68.85%)	1 (0.82%)	2 (1.64%)	35 (28.69%)	Mar-25, Aug-31	B.1.35, B.1, B.1.5, B.1.117	122 taxa
UK601	31 (26.72%)	14 (12.07%)	71 (61.21%)	0 (0%)	Mar-11, May-15	B.10, B	116 taxa
UK847	89 (78.07%)	12 (10.53%)	10 (8.77%)	3 (2.63%)	Mar-23, Aug-31	B.1, B.1.36	114 taxa
UK274	108 (97.3%)	1 (0.9%)	0 (0%)	2 (1.8%)	Mar-06, May-20	B, B.3	111 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1487	19 (17.43%)	60 (55.05%)	3 (2.75%)	27 (24.77%)	Mar-17, Jun-24	B.1, B.1.5	109 taxa
UK829	105 (99.06%)	1 (0.94%)	0 (0%)	0 (0%)	Mar-03, Jun-14	B.2, B.2.1	106 taxa
UK992	1 (0.95%)	1 (0.95%)	0 (0%)	103 (98.1%)	Mar-28, Jun-18	B.1, B.1.11	105 taxa
UK607	79 (75.96%)	0 (0%)	0 (0%)	25 (24.04%)	Mar-02, Jun-16	B.2, B	104 taxa
UK59	71 (69.61%)	4 (3.92%)	1 (0.98%)	26 (25.49%)	Feb-23, Apr-28	B.3	102 taxa
UK1155	88 (88.89%)	3 (3.03%)	0 (0%)	8 (8.08%)	Mar-05, Jun-26	B.1.1	99 taxa
UK319	98 (98.99%)	0 (0%)	0 (0%)	1 (1.01%)	Mar-28, Aug-11	B.1, B.1.79	99 taxa
UK491	93 (95.88%)	0 (0%)	0 (0%)	4 (4.12%)	Mar-11, May-20	B.2.1, B.6, B.2.4, B.2, B	97 taxa
UK1215	97 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Jun-10	B.1.1, B.1.1.1	97 taxa
UK1134	94 (98.95%)	1 (1.05%)	0 (0%)	0 (0%)	Apr-01, Aug-06	B.1.1	95 taxa
UK384	87 (94.57%)	2 (2.17%)	0 (0%)	3 (3.26%)	Feb-28, May-16	B.2.1	92 taxa
UK669	74 (81.32%)	15 (16.48%)	0 (0%)	2 (2.2%)	Mar-07, Aug-03	B.1.1	91 taxa
UK902	89 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Jul-22	B.1.1	89 taxa
UK37	86 (97.73%)	1 (1.14%)	0 (0%)	1 (1.14%)	Mar-17, May-05	B.1.30, B.1.5, B.1	88 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK55	78 (91.76%)	1 (1.18%)	1 (1.18%)	5 (5.88%)	Mar-10, Jun-23	B.3	85 taxa
UK352	78 (92.86%)	3 (3.57%)	0 (0%)	3 (3.57%)	Jul-05, Sep-02	B.1, B.1.36, B.1.113	84 taxa
UK187	6 (7.14%)	29 (34.52%)	15 (17.86%)	34 (40.48%)	Mar-21, Jun-05	B.1.77, B.1	84 taxa
UK805	6 (7.14%)	0 (0%)	0 (0%)	78 (92.86%)	Apr-15, Jul-21	B.1.1	84 taxa
UK1152	22 (26.19%)	58 (69.05%)	4 (4.76%)	0 (0%)	Jul-16, Aug-21	B.1.1	84 taxa
UK1254	0 (0%)	81 (100.0%)	0 (0%)	0 (0%)	Mar-22, May-21	B.1, B.1.89	81 taxa
UK461	50 (63.29%)	3 (3.8%)	15 (18.99%)	11 (13.92%)	Aug-02, Aug-30	B.1	79 taxa
UK120	59 (77.63%)	16 (21.05%)	0 (0%)	1 (1.32%)	Feb-27, Jun-07	B	76 taxa
UK2906	72 (94.74%)	2 (2.63%)	0 (0%)	2 (2.63%)	Mar-04, Jun-30	B.1	76 taxa
UK510	70 (93.33%)	4 (5.33%)	1 (1.33%)	0 (0%)	Jul-18, Aug-31	B.1, B.1.106	75 taxa
UK1051	73 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Jul-25	B.1.1	73 taxa
UK2111	72 (98.63%)	0 (0%)	0 (0%)	1 (1.37%)	Apr-04, Sep-04	B.1.1	73 taxa
UK275	60 (85.71%)	1 (1.43%)	0 (0%)	9 (12.86%)	Mar-09, Jun-02	B.1, B.1.13	70 taxa
UK899	69 (98.57%)	0 (0%)	1 (1.43%)	0 (0%)	Mar-12, Jun-26	B.1, B.1.11, B.1.5	70 taxa
UK709	69 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Jun-29	B.1.1	69 taxa
UK928	64 (92.75%)	0 (0%)	0 (0%)	5 (7.25%)	Mar-10, May-25	B.1.1	69 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1297	68 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, Jun-11	B.1	68 taxa
UK2067	3 (4.41%)	0 (0%)	0 (0%)	65 (95.59%)	Mar-23, Aug-21	B.1.1	68 taxa
UK1904	68 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Aug-18	B.1.1	68 taxa
UK402	50 (74.63%)	0 (0%)	0 (0%)	17 (25.37%)	Mar-01, Jul-15	B.1	67 taxa
UK86	23 (34.85%)	4 (6.06%)	0 (0%)	39 (59.09%)	Mar-05, May-28	B.1	66 taxa
UK619	62 (95.38%)	2 (3.08%)	0 (0%)	1 (1.54%)	Mar-02, Apr-30	B.1.1	65 taxa
UK100	1 (1.56%)	63 (98.44%)	0 (0%)	0 (0%)	Mar-22, Jun-01	B.1.101, B.1	64 taxa
UK800	48 (75.0%)	11 (17.19%)	5 (7.81%)	0 (0%)	Jul-15, Sep-10	B.1	64 taxa
UK356	5 (7.94%)	0 (0%)	0 (0%)	58 (92.06%)	Mar-12, Jul-13	B.1, B.1.11	63 taxa
UK1964	2 (3.23%)	60 (96.77%)	0 (0%)	0 (0%)	Mar-17, Jun-27	B.1.1, B.1.1.14, B.1.1.7	62 taxa
UK1264	61 (98.39%)	0 (0%)	0 (0%)	1 (1.61%)	Mar-18, Jul-02	B.1.1	62 taxa
UK14	7 (11.48%)	54 (88.52%)	0 (0%)	0 (0%)	Mar-02, May-21	B.2, B	61 taxa
UK1447	59 (98.33%)	0 (0%)	0 (0%)	1 (1.67%)	Mar-30, May-06	B.1.1	60 taxa
UK596	59 (98.33%)	0 (0%)	0 (0%)	1 (1.67%)	Mar-16, Apr-24	B.1, B.1.5, B.1.72, B.1.106	60 taxa
UK1819	60 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Aug-18	B.1.1	60 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK983	59 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-21, Aug-18	B.1.5.5, B.1	59 taxa
UK1212	47 (79.66%)	11 (18.64%)	1 (1.69%)	0 (0%)	Mar-15, Jul-04	B.1.1	59 taxa
UK718	48 (82.76%)	0 (0%)	0 (0%)	10 (17.24%)	Apr-11, Sep-05	B.1.1	58 taxa
UK44	3 (5.17%)	52 (89.66%)	2 (3.45%)	1 (1.72%)	Mar-17, May-01	B	58 taxa
UK369	53 (92.98%)	2 (3.51%)	0 (0%)	2 (3.51%)	Apr-30, Aug-27	B.1, B.1.113	57 taxa
UK345	19 (33.93%)	8 (14.29%)	1 (1.79%)	28 (50.0%)	Mar-19, May-15	B.2, B.2.2	56 taxa
UK12	44 (78.57%)	11 (19.64%)	1 (1.79%)	0 (0%)	Mar-11, Aug-14	B.1, B.1.11, B.1.84, B.1.88	56 taxa
UK131	50 (90.91%)	0 (0%)	0 (0%)	5 (9.09%)	Mar-11, Sep-07	B, B.15	55 taxa
UK119	45 (83.33%)	1 (1.85%)	0 (0%)	8 (14.81%)	Mar-11, May-12	B.2, B	54 taxa
UK893	39 (73.58%)	0 (0%)	0 (0%)	14 (26.42%)	Mar-12, May-05	B.1, B.1.5	53 taxa
UK21	0 (0%)	53 (100.0%)	0 (0%)	0 (0%)	Mar-18, May-23	B.1, B.1.40	53 taxa
UK528	39 (75.0%)	3 (5.77%)	5 (9.62%)	5 (9.62%)	Jul-22, Aug-31	B.1	52 taxa
UK1140	51 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Jun-17	B.1.1	51 taxa
UK173	51 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-19	B.2, B, B.21	51 taxa
UK407	3 (6.0%)	42 (84.0%)	3 (6.0%)	2 (4.0%)	Aug-11, Sep-05	B.1, B.1.79	50 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK497	45 (90.0%)	1 (2.0%)	0 (0%)	4 (8.0%)	Mar-13, Jun-09	A.2	50 taxa
UK1242	38 (76.0%)	0 (0%)	0 (0%)	12 (24.0%)	Mar-11, Jun-17	B.1.1	50 taxa
UK692	0 (0%)	0 (0%)	0 (0%)	49 (100.0%)	Apr-23, Jun-08	B.1.35, B.1, B.1.5	49 taxa
UK1800	47 (95.92%)	0 (0%)	0 (0%)	2 (4.08%)	Apr-09, Aug-17	B.1.1	49 taxa
UK515	49 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Apr-27	B.1, B.1.5	49 taxa
UK348	48 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-13, Aug-19	B.1	48 taxa
UK701	46 (97.87%)	0 (0%)	0 (0%)	1 (2.13%)	Apr-13, Jun-14	B.1.1	47 taxa
UK360	40 (85.11%)	4 (8.51%)	2 (4.26%)	1 (2.13%)	Mar-04, May-18	B.2, B.2.2, B.2.1	47 taxa
UK1225	43 (95.56%)	2 (4.44%)	0 (0%)	0 (0%)	Apr-28, Aug-23	B.1.1, B.1.1.1	45 taxa
UK357	42 (93.33%)	3 (6.67%)	0 (0%)	0 (0%)	Jun-01, Aug-29	B.1	45 taxa
UK254	37 (82.22%)	3 (6.67%)	0 (0%)	5 (11.11%)	Aug-03, Aug-28	B.1	45 taxa
UK1279	44 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-16	B.1.1	44 taxa
UK527	35 (79.55%)	2 (4.55%)	0 (0%)	7 (15.91%)	Mar-16, Jun-20	B.1	44 taxa
UK1158	41 (97.62%)	1 (2.38%)	0 (0%)	0 (0%)	Mar-11, May-04	B.1.1, B.1.1.7	42 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1437	0 (0%)	42 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-14	B.1	42 taxa
UK667	35 (83.33%)	6 (14.29%)	0 (0%)	1 (2.38%)	Mar-20, Jun-10	B.1.77, B.1	42 taxa
UK1542	42 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-20	B.1.1	42 taxa
UK1850	41 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Aug-07	B.1.1	41 taxa
UK1312	41 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-11, Aug-10	B.1.1	41 taxa
UK1266	23 (56.1%)	1 (2.44%)	17 (41.46%)	0 (0%)	Mar-24, Jun-17	B.1.1	41 taxa
UK1148	40 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Aug-06	B.1.1	40 taxa
UK1603	40 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Jul-27	B.1.1	40 taxa
UK1721	37 (92.5%)	0 (0%)	0 (0%)	3 (7.5%)	Mar-19, Jul-03	B.1, B.1.13	40 taxa
UK79	39 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Jun-06	B.1.97, B.1, B.1.5	39 taxa
UK507	34 (87.18%)	1 (2.56%)	0 (0%)	4 (10.26%)	Mar-15, May-12	B.2.6, B.2, B.2.9	39 taxa
UK46	36 (92.31%)	1 (2.56%)	0 (0%)	2 (5.13%)	Mar-02, May-08	B.2, B.2.1	39 taxa
UK1645	38 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Aug-10, Aug-31	B.1.1.10, B.1.1, B.1.1.2, B.1.1.15	38 taxa
UK1667	7 (18.42%)	31 (81.58%)	0 (0%)	0 (0%)	Mar-31, Jun-02	B.1, B.1.9	38 taxa
UK1644	37 (97.37%)	0 (0%)	0 (0%)	1 (2.63%)	Apr-07, Jul-21	B.1.1	38 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK4493	0 (0%)	37 (97.37%)	0 (0%)	1 (2.63%)	Apr-01, May-19	B.1	38 taxa
UK1717	38 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Jun-16	B.1.1	38 taxa
UK1097	32 (84.21%)	1 (2.63%)	0 (0%)	5 (13.16%)	Jul-06, Aug-31	B.1, B.1.5	38 taxa
UK1151	19 (51.35%)	18 (48.65%)	0 (0%)	0 (0%)	Aug-05, Aug-25	B.1	37 taxa
UK241	35 (94.59%)	2 (5.41%)	0 (0%)	0 (0%)	Mar-22, Apr-16	B.1, B.1.5.3, B.1.5	37 taxa
UK23	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-09	B.9, B, B.2.1	37 taxa
UK1130	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-17	B.1.1	37 taxa
UK968	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Jul-18	B.1.1	37 taxa
UK151	14 (38.89%)	5 (13.89%)	0 (0%)	17 (47.22%)	Mar-09, Apr-20	B.3	36 taxa
UK1913	1 (2.78%)	0 (0%)	0 (0%)	35 (97.22%)	Apr-03, May-14	B.1.1	36 taxa
UK2045	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, May-25	B.1.1, B.1, B.1.5	36 taxa
UK87	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-24	B.1, B.1.70	36 taxa
UK738	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Jun-09	B.1.1	36 taxa
UK646	32 (88.89%)	3 (8.33%)	0 (0%)	1 (2.78%)	Mar-12, Jun-16	B.1.1	36 taxa
UK994	35 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, May-18	B.1, B.1.5	35 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1218	33 (94.29%)	2 (5.71%)	0 (0%)	0 (0%)	May-07, Jul-22	B.1.1, B.1.1.1	35 taxa
UK508	7 (20.59%)	6 (17.65%)	0 (0%)	21 (61.76%)	Mar-19, Apr-30	B.1.35, B.1, B.1.5.6	34 taxa
UK215	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-19	B.2.1	34 taxa
UK331	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-02, Aug-21	B.1, B.1.36	34 taxa
UK1026	12 (36.36%)	0 (0%)	0 (0%)	21 (63.64%)	Mar-28, May-15	B.1.1	33 taxa
UK1230	20 (60.61%)	12 (36.36%)	0 (0%)	1 (3.03%)	Mar-18, Jun-02	B.1.1	33 taxa
UK43	1 (3.03%)	32 (96.97%)	0 (0%)	0 (0%)	Mar-12, Apr-22	A.5	33 taxa
UK462	26 (78.79%)	0 (0%)	0 (0%)	7 (21.21%)	Apr-01, Jun-09	B.1	33 taxa
UK1270	28 (84.85%)	0 (0%)	0 (0%)	5 (15.15%)	Mar-17, Jun-24	B.1.1	33 taxa
UK1911	31 (93.94%)	1 (3.03%)	0 (0%)	1 (3.03%)	Mar-26, Apr-29	B.1.1	33 taxa
UK1307	33 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Jun-08	B.1.34, B.1, B.1.5	33 taxa
UK1029	29 (87.88%)	2 (6.06%)	0 (0%)	2 (6.06%)	Apr-04, Aug-09	B.1	33 taxa
UK1223	32 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, May-15	B.1.1.1	32 taxa
UK439	32 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-20	B.1.66, B.1	32 taxa
UK2014	31 (96.88%)	0 (0%)	0 (0%)	1 (3.12%)	Apr-08, Jun-03	B.1.1	32 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1769	31 (96.88%)	0 (0%)	0 (0%)	1 (3.12%)	Mar-30, Aug-21	B.1.1, B.1	32 taxa
UK1274	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-22, Jul-16	B.1.1	31 taxa
UK5501	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Jun-24	B.1.12, B.1	31 taxa
UK1843	29 (93.55%)	0 (0%)	1 (3.23%)	1 (3.23%)	Mar-21, Aug-08	B.1.1	31 taxa
UK49	28 (90.32%)	1 (3.23%)	1 (3.23%)	1 (3.23%)	Mar-12, Aug-06	B.2, B.9, B	31 taxa
UK1061	19 (61.29%)	0 (0%)	11 (35.48%)	1 (3.23%)	Apr-17, Aug-20	B.1	31 taxa
UK1865	29 (93.55%)	0 (0%)	0 (0%)	2 (6.45%)	Mar-28, Aug-17	B.1.1	31 taxa
UK174	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Aug-04	B.1, B.1.5	31 taxa
UK108	29 (96.67%)	1 (3.33%)	0 (0%)	0 (0%)	Apr-22, Jul-16	B.1	30 taxa
UK881	29 (96.67%)	0 (0%)	0 (0%)	1 (3.33%)	Mar-10, May-16	B.1.1	30 taxa
UK101	28 (93.33%)	1 (3.33%)	0 (0%)	1 (3.33%)	Mar-21, Apr-25	B.1, B.1.5	30 taxa
UK1282	28 (93.33%)	0 (0%)	0 (0%)	2 (6.67%)	Mar-15, Apr-18	B.1.1	30 taxa
UK2062	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Jun-04	B.1.1	30 taxa
UK298	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-13, Aug-05	B.1, B.1.5	30 taxa
UK2007	28 (96.55%)	1 (3.45%)	0 (0%)	0 (0%)	Apr-03, Jun-24	B.1.1	29 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK218	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Jun-02	B.1	29 taxa
UK134	24 (82.76%)	5 (17.24%)	0 (0%)	0 (0%)	Mar-04, Apr-13	B.1, B.1.5	29 taxa
UK2028	28 (96.55%)	0 (0%)	0 (0%)	1 (3.45%)	Mar-21, May-04	B.1.1	29 taxa
UK712	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, Jun-21	B.1.5	29 taxa
UK399	14 (50.0%)	6 (21.43%)	6 (21.43%)	2 (7.14%)	Aug-10, Sep-01	B.1	28 taxa
UK1663	27 (96.43%)	0 (0%)	0 (0%)	1 (3.57%)	Mar-17, May-02	B.1.1	28 taxa
UK2003	26 (92.86%)	1 (3.57%)	1 (3.57%)	0 (0%)	Mar-19, Apr-27	B.1.1	28 taxa
UK1332	9 (32.14%)	18 (64.29%)	0 (0%)	1 (3.57%)	Mar-24, May-19	B.1, B.1.5	28 taxa
UK1233	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Aug-26	B.1.1	28 taxa
UK741	26 (96.3%)	1 (3.7%)	0 (0%)	0 (0%)	Jun-27, Aug-21	B.1.1	27 taxa
UK1703	27 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, May-01	B.1	27 taxa
UK58	9 (33.33%)	18 (66.67%)	0 (0%)	0 (0%)	Mar-12, Apr-24	B.1	27 taxa
UK1709	17 (65.38%)	6 (23.08%)	3 (11.54%)	0 (0%)	Aug-07, Aug-26	B.1.1	26 taxa
UK1479	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-09, Aug-17	B.1.1	26 taxa
UK1388	25 (96.15%)	0 (0%)	0 (0%)	1 (3.85%)	Mar-18, Jul-06	B.1.1	26 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1263	21 (80.77%)	3 (11.54%)	0 (0%)	2 (7.69%)	Mar-06, Apr-14	B.1.1	26 taxa
UK1232	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-18, Jul-03	B.1.1	25 taxa
UK1346	8 (32.0%)	17 (68.0%)	0 (0%)	0 (0%)	Mar-08, Jul-10	B.1.1	25 taxa
UK5503	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Jun-12	B.1	25 taxa
UK1219	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-14	B.1.1	24 taxa
UK1857	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Jul-17	B.1.1, B.1.1.7	24 taxa
UK1619	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Jul-24	B.1.1	24 taxa
UK502	1 (4.17%)	23 (95.83%)	0 (0%)	0 (0%)	Mar-06, Apr-16	B.1, B.1.69	24 taxa
UK916	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Jul-24	B.1.1	24 taxa
UK1099	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, May-14	B.1.1, B.1.1.5	23 taxa
UK1030	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-14	B.1.5.5, B.1, B.1.5	23 taxa
UK231	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Jul-02	B.1	23 taxa
UK1926	21 (95.45%)	0 (0%)	0 (0%)	1 (4.55%)	Mar-17, Jul-01	B.1.1	22 taxa
UK1075	21 (95.45%)	1 (4.55%)	0 (0%)	0 (0%)	Mar-24, May-29	B.1.1	22 taxa
UK1942	17 (77.27%)	4 (18.18%)	1 (4.55%)	0 (0%)	Mar-31, Aug-18	B.1.1	22 taxa
UK349	16 (72.73%)	1 (4.55%)	0 (0%)	5 (22.73%)	Mar-10, May-24	B.2.2	22 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1129	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Jul-23	B.1.1	22 taxa
UK1759	16 (72.73%)	1 (4.55%)	0 (0%)	5 (22.73%)	Apr-04, Aug-11	B.1	22 taxa
UK1455	21 (95.45%)	0 (0%)	1 (4.55%)	0 (0%)	Aug-04, Aug-19	B.1.1, B.1.1.1	22 taxa
UK695	0 (0%)	0 (0%)	0 (0%)	22 (100.0%)	Mar-25, Apr-12	B.1.67, B.1	22 taxa
UK1317	20 (90.91%)	2 (9.09%)	0 (0%)	0 (0%)	Apr-08, Aug-21	B.1.1	22 taxa
UK1213	21 (95.45%)	1 (4.55%)	0 (0%)	0 (0%)	Jun-08, Jul-27	B.1.1.1	22 taxa
UK1861	20 (95.24%)	0 (0%)	1 (4.76%)	0 (0%)	Mar-27, Jul-15	B.1.1	21 taxa
UK330	7 (33.33%)	14 (66.67%)	0 (0%)	0 (0%)	Mar-27, Jul-02	B.1.93, B.1, B.1.5	21 taxa
UK1202	18 (85.71%)	0 (0%)	0 (0%)	3 (14.29%)	Mar-26, Jun-26	B.1.1	21 taxa
UK213	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-10	B.2.1	21 taxa
UK832	15 (71.43%)	5 (23.81%)	0 (0%)	1 (4.76%)	Mar-09, Apr-26	A.5	21 taxa
UK595	16 (80.0%)	1 (5.0%)	0 (0%)	3 (15.0%)	Mar-19, Apr-18	B.2, B.2.9	20 taxa
UK183	18 (90.0%)	0 (0%)	0 (0%)	2 (10.0%)	Mar-03, Apr-03	B.2, B, B.2.1	20 taxa
UK1105	7 (35.0%)	0 (0%)	12 (60.0%)	1 (5.0%)	Jul-03, Aug-20	B.1	20 taxa
UK201	18 (90.0%)	0 (0%)	0 (0%)	2 (10.0%)	Mar-25, Jun-09	B.2, B.18, B	20 taxa

Lineage name	England	Scotland	Ireland	Wales	Date range	Global lineage	Total
UK70	18 (90.0%)	0 (0%)	1 (5.0%)	1 (5.0%)	Mar-06, Apr-22	B.2, B	20 taxa
UK1300	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-20, Jul-02	B.1.1	19 taxa
UK1375	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-15, Jun-25	B.1.1	19 taxa
UK1418	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-23, Jul-09	B.1.5	19 taxa
UK1630	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-30	B.1.1	19 taxa
UK1884	16 (84.21%)	3 (15.79%)	0 (0%)	0 (0%)	Mar-08, Aug-15	B.1.1	19 taxa
UK1790	17 (89.47%)	1 (5.26%)	0 (0%)	1 (5.26%)	Mar-20, Aug-21	B.1.1.10, B.1.1, B.1.1.1	19 taxa
UK630	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-06, Jul-03	B.1.1	19 taxa
UK1577	18 (94.74%)	0 (0%)	0 (0%)	1 (5.26%)	Apr-27, Jun-30	B.1.1	19 taxa
UK1235	0 (0%)	0 (0%)	0 (0%)	19 (100.0%)	Mar-30, May-07	B.1.1	19 taxa
UK1344	18 (94.74%)	0 (0%)	0 (0%)	1 (5.26%)	Apr-02, Jun-23	B.1.1	19 taxa
UK1163	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-23, Jul-14	B.1.1	19 taxa
UK629	17 (89.47%)	0 (0%)	0 (0%)	2 (10.53%)	Mar-25, Jun-29	B.1	19 taxa
UK1723	14 (73.68%)	3 (15.79%)	0 (0%)	2 (10.53%)	Mar-20, Aug-24	B.1, B.1.5, B.1.30	19 taxa
UK436	1 (5.56%)	16 (88.89%)	0 (0%)	1 (5.56%)	Mar-24, May-14	B.1.5	18 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1725	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-30	B.1.1.1	18 taxa
UK1176	16 (88.89%)	0 (0%)	0 (0%)	2 (11.11%)	Jul-14, Aug-04	B.1.1, B.1.1.1	18 taxa
UK1044	0 (0%)	1 (5.56%)	0 (0%)	17 (94.44%)	Mar-24, May-01	B.1, B.1.5	18 taxa
UK2046	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-09, Jul-01	B.1.1	18 taxa
UK38	16 (88.89%)	1 (5.56%)	0 (0%)	1 (5.56%)	Mar-04, Apr-20	B.2.1	18 taxa
UK1234	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-23	B.1.1	18 taxa
UK592	14 (77.78%)	2 (11.11%)	1 (5.56%)	1 (5.56%)	Mar-26, Jul-07	B.1	18 taxa
UK512	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Apr-07, May-13	B.1.5, B.1.5.6	18 taxa
UK842	10 (55.56%)	5 (27.78%)	0 (0%)	3 (16.67%)	Mar-13, Jun-15	B.1	18 taxa
UK261	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-15	A.3	18 taxa
UK2094	16 (94.12%)	0 (0%)	0 (0%)	1 (5.88%)	Mar-31, Jun-24	B.1.1	17 taxa
UK422	16 (94.12%)	0 (0%)	0 (0%)	1 (5.88%)	Mar-22, Apr-30	B.1	17 taxa
UK1908	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Jun-08	B.1.1	17 taxa
UK1968	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-19, Jun-29	B.1.1	17 taxa
UK1919	14 (87.5%)	1 (6.25%)	0 (0%)	1 (6.25%)	Mar-30, May-01	B.1.1	16 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1838	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Jul-23	B.1.1	16 taxa
UK1040	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-06	B.1.1.20, B.1.1	16 taxa
UK334	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Jun-16	B.3	16 taxa
UK2063	14 (87.5%)	0 (0%)	2 (12.5%)	0 (0%)	Mar-21, May-06	B.1.1, B.1.78, B.1	16 taxa
UK1301	15 (93.75%)	0 (0%)	0 (0%)	1 (6.25%)	Apr-06, Jun-18	B.1	16 taxa
UK71	15 (93.75%)	0 (0%)	0 (0%)	1 (6.25%)	Mar-08, May-06	B.2, B	16 taxa
UK973	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-12, Aug-05	B.1, B.1.36	16 taxa
UK153	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	B.2	16 taxa
UK263	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	B.1	16 taxa
UK1141	14 (87.5%)	0 (0%)	1 (6.25%)	1 (6.25%)	Mar-14, Jun-10	B.1.1	16 taxa
UK1228	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-11	B.1.1	16 taxa
UK132	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-27, May-13	B.1	15 taxa
UK245	2 (13.33%)	13 (86.67%)	0 (0%)	0 (0%)	Mar-13, Apr-27	B.2	15 taxa
UK2087	14 (93.33%)	0 (0%)	1 (6.67%)	0 (0%)	Mar-29, Jul-11	B.1.1	15 taxa
UK1981	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-30	B.1.1, B.1	15 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1178	11 (73.33%)	0 (0%)	0 (0%)	4 (26.67%)	Apr-03, Apr-27	B.1.1.15, B.1.1	15 taxa
UK200	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-19	B.2.1	15 taxa
UK1982	10 (66.67%)	0 (0%)	0 (0%)	5 (33.33%)	Mar-26, Jun-17	B.1.1.15, B.1.1	15 taxa
UK1135	11 (73.33%)	4 (26.67%)	0 (0%)	0 (0%)	Mar-30, Apr-21	B.1.1.10, B.1.1	15 taxa
UK1380	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Jun-18	B.1.1	15 taxa
UK1939	2 (13.33%)	0 (0%)	0 (0%)	13 (86.67%)	Mar-23, Apr-20	B.1.1	15 taxa
UK1998	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-01	B.1.1	15 taxa
UK193	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Jul-24	B.2.1	14 taxa
UK478	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, Jul-15	B.1, B.1.5	14 taxa
UK780	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-05, Aug-20	B.1.3	14 taxa
UK894	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-30	B.1.1	14 taxa
UK2030	13 (92.86%)	0 (0%)	1 (7.14%)	0 (0%)	Mar-31, Jul-22	B.1.1	14 taxa
UK1124	12 (85.71%)	2 (14.29%)	0 (0%)	0 (0%)	Mar-26, Jul-26	B.1.1, B.1.1.32	14 taxa
UK1528	12 (85.71%)	2 (14.29%)	0 (0%)	0 (0%)	Jul-20, Aug-20	B.1.1	14 taxa
UK499	13 (92.86%)	1 (7.14%)	0 (0%)	0 (0%)	Mar-05, Apr-13	B.2, B.2.6, B.2.1	14 taxa
UK1207	13 (92.86%)	0 (0%)	0 (0%)	1 (7.14%)	Mar-26, May-04	B.1	14 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK2079	0 (0%)	0 (0%)	12 (85.71%)	2 (14.29%)	Apr-04, Aug-21	B.1.1, B.1.1.25	14 taxa
UK620	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-01	B.1	14 taxa
UK1347	7 (53.85%)	0 (0%)	0 (0%)	6 (46.15%)	May-05, Jun-04	B.1.1	13 taxa
UK1497	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-05	B.1.1, B.1.1.1	13 taxa
UK529	1 (7.69%)	12 (92.31%)	0 (0%)	0 (0%)	Aug-06, Aug-22	B.1	13 taxa
UK1295	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	B.1.1	13 taxa
UK2061	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Jul-18	B.1.1	13 taxa
UK1559	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-25	B.1.1.1	13 taxa
UK1852	12 (92.31%)	0 (0%)	0 (0%)	1 (7.69%)	Mar-17, Jul-18	B.1.1, B.1.1.1	13 taxa
UK2097	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-08, Apr-30	B.1.1	13 taxa
UK1992	7 (53.85%)	5 (38.46%)	0 (0%)	1 (7.69%)	Mar-28, May-05	B.1.1	13 taxa
UK1216	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-14	B.1, B.1.5	13 taxa
UK1363	4 (30.77%)	1 (7.69%)	8 (61.54%)	0 (0%)	Mar-12, Aug-21	B.1	13 taxa
UK1844	11 (84.62%)	1 (7.69%)	0 (0%)	1 (7.69%)	Mar-11, Aug-18	B.1.1	13 taxa
UK1362	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-09, Aug-12	B.1.1.15, B.1.1	13 taxa

Lineage name	England	Scotland	Ireland	Northern Wales	Date range	Global lineage	Total
UK1114	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-02	B.1.1	13 taxa
UK1803	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Jul-02	B.1.1	13 taxa
UK568	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-02	B.2	13 taxa
UK34	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Aug-19	B.2.1, B.4	13 taxa
UK1570	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Jun-23	B.1.1	12 taxa
UK160	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-23, Jul-01	B.1	12 taxa
UK962	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Jun-12	B.1.1	12 taxa
UK1336	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, Jul-26	B.1.77, B.1	12 taxa
UK288	8 (66.67%)	2 (16.67%)	1 (8.33%)	1 (8.33%)	Mar-12, Apr-04	B.2.1	12 taxa
UK5525	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-29	B.1	12 taxa
UK1830	11 (91.67%)	0 (0%)	1 (8.33%)	0 (0%)	Mar-31, Jul-02	B.1.1	12 taxa
UK406	4 (33.33%)	2 (16.67%)	5 (41.67%)	1 (8.33%)	Aug-10, Sep-04	B.1, B.1.79	12 taxa
UK561	11 (91.67%)	0 (0%)	0 (0%)	1 (8.33%)	Mar-01, Apr-15	B.1	12 taxa
UK713	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-04	B.1.1	12 taxa
UK826	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-12, Aug-21	B.1, B.1.36	12 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK5084	8 (66.67%)	1 (8.33%)	0 (0%)	3 (25.0%)	Mar-27, Jun-18	B.1	12 taxa
UK1050	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Aug-26	B.1.1	12 taxa
UK967	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-14, Aug-20	B.1.1	12 taxa
UK256	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, May-07	B.2, B.2.4	12 taxa
UK522	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-24	B.1	12 taxa
UK819	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Aug-02, Aug-13	B.1, B.1.113	12 taxa
UK1314	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Aug-02	B.1.1	12 taxa
UK1681	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-14, Jun-16	B.1.1, B.1.1.1	12 taxa
UK2053	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-27	B.1.1	11 taxa
UK1359	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-18	B.1.1	11 taxa
UK889	7 (63.64%)	1 (9.09%)	0 (0%)	3 (27.27%)	Apr-05, Aug-18	B.1	11 taxa
UK1987	4 (36.36%)	0 (0%)	0 (0%)	7 (63.64%)	Mar-20, May-01	B.1.1	11 taxa
UK934	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-13	B.1.1	11 taxa
UK558	10 (90.91%)	1 (9.09%)	0 (0%)	0 (0%)	Feb-29, Apr-22	B.2	11 taxa
UK1411	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-13, Jul-15	B.1.1	11 taxa

Lineage name	England	Scotland	Ireland	Northern Wales	Date range	Global lineage	Total
UK1881	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-14, May-18	B.1.1	11 taxa
UK22	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-02, Apr-21	B	11 taxa
UK1179	1 (9.09%)	0 (0%)	10 (90.91%)	0 (0%)	Mar-29, May-16	B.1.1	11 taxa
UK552	6 (54.55%)	5 (45.45%)	0 (0%)	0 (0%)	Mar-18, Apr-04	A.1	11 taxa
UK696	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Jun-23	B.1.1	11 taxa
UK1817	10 (90.91%)	0 (0%)	0 (0%)	1 (9.09%)	Apr-04, Jun-23	B.1.1	11 taxa
UK1088	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Jun-25	B.1.1	11 taxa
UK786	10 (90.91%)	1 (9.09%)	0 (0%)	0 (0%)	Mar-07, May-14	B.1.1	11 taxa
UK1488	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-20	B.1.5	11 taxa
UK266	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Apr-30	B.1	11 taxa
UK1960	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-19	B.1.1	11 taxa
UK1161	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-06, Aug-21	B.1.1	11 taxa
UK1979	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Jun-13	B.1.1	11 taxa
UK133	4 (36.36%)	7 (63.64%)	0 (0%)	0 (0%)	Mar-22, Apr-25	B.1	11 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK871	1 (9.09%)	0 (0%)	10 (90.91%)	0 (0%)	Mar-31, May-01	B.1.1	11 taxa
UK415	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-19, May-06	B.1.111	11 taxa
UK437	8 (72.73%)	1 (9.09%)	0 (0%)	2 (18.18%)	Mar-23, May-14	B.1	11 taxa
UK1398	8 (80.0%)	0 (0%)	0 (0%)	2 (20.0%)	Mar-28, Jun-07	B.1.1	10 taxa
UK1996	8 (80.0%)	0 (0%)	0 (0%)	2 (20.0%)	Apr-02, Jul-20	B.1.1, B.1.1.1	10 taxa
UK1743	7 (70.0%)	3 (30.0%)	0 (0%)	0 (0%)	Mar-30, Jun-30	B.1.1	10 taxa
UK927	2 (20.0%)	0 (0%)	3 (30.0%)	5 (50.0%)	Apr-15, Jun-30	B.1.1	10 taxa
UK1641	9 (90.0%)	0 (0%)	0 (0%)	1 (10.0%)	Mar-24, Jun-05	B.1.1	10 taxa
UK2204	4 (40.0%)	0 (0%)	6 (60.0%)	0 (0%)	Apr-05, Jun-10	B.1, B.1.86	10 taxa
UK464	7 (70.0%)	0 (0%)	1 (10.0%)	2 (20.0%)	Mar-17, May-04	B.1, B.1.5	10 taxa
UK638	7 (70.0%)	0 (0%)	0 (0%)	3 (30.0%)	Mar-02, Apr-04	B.1.1	10 taxa
UK1525	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-21, Jun-12	B.1.1	10 taxa
UK176	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-16	B.3	10 taxa
UK788	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-05	B.4	10 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1974	9 (90.0%)	0 (0%)	0 (0%)	1 (10.0%)	Mar-23, Aug-16	B.1.1	10 taxa
UK1899	9 (90.0%)	0 (0%)	1 (10.0%)	0 (0%)	Mar-29, May-29	B.1.1	10 taxa
UK1827	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Aug-18	B.1.1	10 taxa
UK1200	9 (90.0%)	0 (0%)	0 (0%)	1 (10.0%)	Mar-18, Jul-18	B.1.1	10 taxa
UK693	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Mar-26	A.2	10 taxa
UK2095	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-03, Aug-10	B.1.1	10 taxa
UK584	9 (90.0%)	1 (10.0%)	0 (0%)	0 (0%)	Mar-17, Apr-02	B.2.1	10 taxa
UK1612	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Aug-09, Aug-21	B.1.1	10 taxa
UK1244	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-15, Jul-25	B.1.115, B.1	10 taxa
UK390	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, May-01	B.1	10 taxa
UK1519	5 (50.0%)	1 (10.0%)	1 (10.0%)	3 (30.0%)	Mar-30, Jul-03	B.1	10 taxa
UK1247	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Aug-04, Aug-21	B.1	10 taxa
UK240	7 (70.0%)	2 (20.0%)	0 (0%)	1 (10.0%)	Mar-26, Aug-06	B.1	10 taxa
UK450	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Jun-17	B.1	9 taxa
UK575	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	B.2.1	9 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK347	0 (0%)	0 (0%)	0 (0%)	9 (100.0%)	Apr-10, May-01	B.1	9 taxa
UK548	0 (0%)	8 (88.89%)	0 (0%)	1 (11.11%)	Mar-14, Apr-03	B.2.1	9 taxa
UK809	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-25, Jun-29	B.1.36	9 taxa
UK1617	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Aug-18	B.1.1	9 taxa
UK703	7 (77.78%)	1 (11.11%)	1 (11.11%)	0 (0%)	Mar-29, Apr-17	B.1.1	9 taxa
UK1361	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-15, Aug-02	B.1.1.15, B.1.1	9 taxa
UK946	8 (88.89%)	0 (0%)	1 (11.11%)	0 (0%)	Mar-25, Apr-23	B.1	9 taxa
UK1860	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Jun-14	B.1.1	9 taxa
UK1199	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Apr-14	B.1, B.1.5	9 taxa
UK1273	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-15, Jul-27	B.1.1	9 taxa
UK1034	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-22, May-27	B.1.1.28	9 taxa
UK1767	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-26, Apr-10	B.1.1	9 taxa
UK760	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-28	B.1.1	9 taxa
UK1269	6 (66.67%)	2 (22.22%)	0 (0%)	1 (11.11%)	Jun-21, Aug-31	B.1.1, B.1.1.1	9 taxa
UK1994	5 (55.56%)	0 (0%)	0 (0%)	4 (44.44%)	Apr-14, Aug-17	B.1.1	9 taxa

Lineage name	England	Scotland	Ireland	Northern Wales	Date range	Global lineage	Total
UK605	1 (11.11%)	8 (88.89%)	0 (0%)	0 (0%)	Mar-30, Apr-10	B.1	9 taxa
UK1792	3 (33.33%)	0 (0%)	6 (66.67%)	0 (0%)	May-19, Aug-21	B.1.1	9 taxa
UK433	4 (44.44%)	5 (55.56%)	0 (0%)	0 (0%)	Mar-22, May-03	B	9 taxa
UK924	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Aug-19, Aug-31	B.1, B.1.113	9 taxa
UK351	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-13	B.1	9 taxa
UK1369	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-11	B.1.1	9 taxa
UK874	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-05	B.1.1	9 taxa
UK609	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-08, Apr-29	B.2	9 taxa
UK1636	2 (22.22%)	0 (0%)	0 (0%)	7 (77.78%)	Mar-27, Jun-03	B.1.1	9 taxa
UK870	8 (88.89%)	0 (0%)	0 (0%)	1 (11.11%)	Mar-16, Apr-23	B.1.1	9 taxa
UK1780	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Jun-03	B.1.1	9 taxa
UK1586	4 (44.44%)	4 (44.44%)	0 (0%)	1 (11.11%)	Apr-03, Jun-22	B.1, B.1.93	9 taxa
UK366	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	B.1	9 taxa
UK1715	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-28, May-22	B.1.1	9 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK230	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-07	B.2.1	9 taxa
UK177	6 (66.67%)	3 (33.33%)	0 (0%)	0 (0%)	Mar-09, Jun-17	B.16, B	9 taxa
UK2051	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-01, Jul-28	B.1.1	9 taxa
UK882	5 (55.56%)	0 (0%)	4 (44.44%)	0 (0%)	May-21, Aug-17	B.1	9 taxa
UK343	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-28	B.1.105	8 taxa
UK511	4 (50.0%)	2 (25.0%)	2 (25.0%)	0 (0%)	Jul-24, Aug-13	B.1	8 taxa
UK1081	6 (75.0%)	0 (0%)	2 (25.0%)	0 (0%)	Mar-26, May-05	B.1.1	8 taxa
UK2010	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-15	B.1.1	8 taxa
UK1352	0 (0%)	1 (12.5%)	0 (0%)	7 (87.5%)	Mar-20, Apr-05	B.2.1	8 taxa
UK449	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Mar-27, Apr-26	B.1.120, B.1, B.1.5	8 taxa
UK747	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-18	B.1	8 taxa
UK1893	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-10, Aug-17	B.1.1	8 taxa
UK1836	6 (75.0%)	0 (0%)	0 (0%)	2 (25.0%)	Mar-13, Jun-13	B.1.1	8 taxa
UK1687	4 (50.0%)	0 (0%)	0 (0%)	4 (50.0%)	Mar-28, Apr-26	B.1.1	8 taxa
UK1946	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-17, May-19	B.1.1	8 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1932	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Jul-13	B.1.1	8 taxa
UK2065	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-14	B.1.1	8 taxa
UK2082	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-14, Aug-11	B.1.1	8 taxa
UK1609	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Jun-14	B.1.1	8 taxa
UK1090	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	May-04, Aug-17	B.1	8 taxa
UK520	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-08	B.2.1	8 taxa
UK1191	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-29, Aug-14	B.1.1	8 taxa
UK1120	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, Aug-10	B.1.1	8 taxa
UK1515	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Jun-15	B.1.1	8 taxa
UK1366	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Jun-11	B.1.1	8 taxa
UK1967	7 (87.5%)	0 (0%)	0 (0%)	1 (12.5%)	Mar-30, Apr-21	B.1.1	8 taxa
UK2034	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Apr-08, Jun-28	B.1.1	8 taxa
UK1006	5 (62.5%)	2 (25.0%)	1 (12.5%)	0 (0%)	Mar-06, Apr-12	B.1	8 taxa
UK799	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	B.1	8 taxa

Lineage name	England	Scotland	Ireland	Northern Wales	Date range	Global lineage	Total
UK941	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Apr-22	B.1.1	8 taxa
UK161	6 (75.0%)	0 (0%)	0 (0%)	2 (25.0%)	Mar-18, Apr-04	B.2, B.2.4	8 taxa
UK1262	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Jun-16	B.1.1	8 taxa
UK1833	6 (75.0%)	0 (0%)	0 (0%)	2 (25.0%)	Mar-17, Jul-14	B.1.1	8 taxa
UK1210	4 (50.0%)	0 (0%)	4 (50.0%)	0 (0%)	Jul-14, Jul-29	B.1.1, B.1.1.1	8 taxa
UK856	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-21, Apr-20	B.1.5	8 taxa
UK743	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, Jun-14	B.1.102, B.1.5	8 taxa
UK311	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-25, Apr-18	B.2	8 taxa
UK739	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	B.4	8 taxa
UK1064	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-19	B.1	7 taxa
UK783	6 (85.71%)	0 (0%)	0 (0%)	1 (14.29%)	Mar-12, Apr-20	B.1	7 taxa
UK1224	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-12, Jul-27	B.1.1.1	7 taxa
UK158	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-02	B.2.4	7 taxa
UK635	6 (85.71%)	0 (0%)	0 (0%)	1 (14.29%)	Mar-17, Apr-15	B.2	7 taxa
UK2098	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Jun-24	B.1.1	7 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK993	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Mar-27, Apr-14	B.1.1	7 taxa
UK98	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Jun-04	B.6	7 taxa
UK901	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-14, Apr-23	B.1.1	7 taxa
UK787	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-12, May-18	B.1.1, B.1.1.33	7 taxa
UK2004	6 (85.71%)	0 (0%)	0 (0%)	1 (14.29%)	Mar-26, Jun-14	B.1.1	7 taxa
UK1005	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-19	B.1.1	7 taxa
UK139	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Mar-14, Mar-26	B.2.1	7 taxa
UK184	1 (14.29%)	0 (0%)	0 (0%)	6 (85.71%)	Mar-15, Apr-01	B.2.1	7 taxa
UK697	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-08, Jul-02	B.1	7 taxa
UK164	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-16	B.2.1	7 taxa
UK1995	4 (57.14%)	0 (0%)	0 (0%)	3 (42.86%)	Mar-26, Jun-23	B.1.1	7 taxa
UK1275	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-10	B.1.1	7 taxa
UK418	4 (57.14%)	0 (0%)	1 (14.29%)	2 (28.57%)	Mar-29, Aug-04	B.1	7 taxa
UK930	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	B.1.1	7 taxa

Lineage name	England	Scotland	Ireland	Wales	Date range	Global lineage	Total
UK1289	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-30, May-11	B.1.1	7 taxa
UK401	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-02, Jul-10	B.6, B, B.2.1	7 taxa
UK728	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-01	B.2.1	7 taxa
UK197	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-06	B.2.1	7 taxa
UK1325	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-17	B.1.1	7 taxa
UK270	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-04, Apr-03	B	7 taxa
UK2049	6 (85.71%)	0 (0%)	1 (14.29%)	0 (0%)	Mar-28, Apr-25	B.1.1	7 taxa
UK1898	6 (85.71%)	0 (0%)	0 (0%)	1 (14.29%)	Mar-18, Apr-11	B.1.1	7 taxa
UK306	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-20	B.1	7 taxa
UK1583	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Aug-09, Aug-18	B.1.1	7 taxa
UK171	3 (42.86%)	4 (57.14%)	0 (0%)	0 (0%)	Mar-31, Apr-21	B.1	7 taxa
UK247	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-23	B.1	7 taxa
UK628	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-24	B.1	7 taxa
UK689	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-15, Aug-21	B.1.1	7 taxa
UK118	2 (33.33%)	4 (66.67%)	0 (0%)	0 (0%)	Mar-20, May-15	B	6 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1961	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, Jun-11	B.1.1	6 taxa
UK1452	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Aug-05, Aug-25	B.1.1	6 taxa
UK217	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Mar-06, Mar-31	B.2	6 taxa
UK943	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Jun-24	B.1.1	6 taxa
UK456	3 (50.0%)	1 (16.67%)	0 (0%)	2 (33.33%)	Mar-25, Apr-22	B.1	6 taxa
UK705	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Mar-26	B.1	6 taxa
UK1160	4 (66.67%)	0 (0%)	1 (16.67%)	1 (16.67%)	Mar-29, May-13	B.1.1	6 taxa
UK1791	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-11	B.1.1	6 taxa
UK733	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Aug-10, Aug-30	B.1.113	6 taxa
UK654	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-08	B.2	6 taxa
UK1616	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-29, Apr-01	B.1.1	6 taxa
UK1083	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Aug-12	B.1.1	6 taxa
UK1975	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Aug-17	B.1.1	6 taxa
UK498	0 (0%)	5 (83.33%)	0 (0%)	1 (16.67%)	Apr-23, Aug-31	B.1, B.1.113	6 taxa

Lineage name	England	Scotland	Ireland	Wales	Date range	Global lineage	Total
UK621	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-02	A.1	6 taxa
UK526	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-18	B.1	6 taxa
UK947	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-16, Jul-18	B.1.1	6 taxa
UK650	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-24, Aug-29	B.1.1	6 taxa
UK1208	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jul-04, Aug-21	B.1.1.1	6 taxa
UK615	5 (83.33%)	1 (16.67%)	0 (0%)	0 (0%)	Mar-03, Mar-12	B.1.1	6 taxa
UK1356	4 (66.67%)	2 (33.33%)	0 (0%)	0 (0%)	Mar-11, May-06	B.1	6 taxa
UK105	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-21	B.3	6 taxa
UK797	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-08	B.1.11	6 taxa
UK1144	2 (33.33%)	0 (0%)	0 (0%)	4 (66.67%)	Mar-25, Apr-09	B.1.1	6 taxa
UK1082	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-02, Jun-10	B.1	6 taxa
UK2089	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-20, Aug-20	B.1.1	6 taxa
UK2078	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Apr-05, May-05	B.1.1, B.1	6 taxa
UK1416	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Apr-07, May-11	B.1.1	6 taxa
UK931	2 (33.33%)	4 (66.67%)	0 (0%)	0 (0%)	Apr-12, Aug-31	B.1, B.1.5	6 taxa

Lineage name	England	Scotland	Northern Ireland	Wales	Date range	Global lineage	Total
UK1700	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-14	B.1	6 taxa
UK1640	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, Apr-21	B.1.1	6 taxa
UK1035	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Apr-29, Aug-07	B.1.1, B.1.1.28	6 taxa
UK364	1 (16.67%)	0 (0%)	1 (16.67%)	4 (66.67%)	Mar-19, May-14	B.1	6 taxa
UK1174	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	B.1	6 taxa
UK643	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-22	B.2.1	6 taxa
UK1822	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Jul-04	B.1.1	6 taxa
UK564	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Jun-07, Jun-25	B.1	6 taxa
UK1976	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Mar-27, Apr-08	B.1.1	6 taxa
UK1971	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Jul-01	B.1.1	6 taxa
UK887	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-21, Jul-04	B.1.1	6 taxa
UK1320	2 (33.33%)	0 (0%)	0 (0%)	4 (66.67%)	Mar-16, Apr-22	B	6 taxa
UK1923	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Jul-01	B.1.1	6 taxa
UK67	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-03, Jul-19	B.4	6 taxa
UK1581	2 (33.33%)	0 (0%)	0 (0%)	4 (66.67%)	Mar-27, Apr-08	B.1.1	6 taxa

Lineage name	England	Scotland	Ireland	Wales	Date range	Global lineage	Total
UK679	1 (16.67%)	5 (83.33%)	0 (0%)	0 (0%)	Mar-17, Apr-17	B.1	6 taxa
UK379	4 (66.67%)	1 (16.67%)	0 (0%)	1 (16.67%)	Mar-12, Mar-31	B.1	6 taxa
UK1139	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-27	B.1.1	6 taxa
UK157	4 (66.67%)	1 (16.67%)	1 (16.67%)	0 (0%)	Mar-10, May-15	B.3	6 taxa
UK1022	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Mar-25, Apr-16	B.1.1	6 taxa
UK590	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-01	B.2.1	6 taxa
UK778	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-01, Jun-20	B.1.1	6 taxa
UK1596	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, Jun-16	B.1	6 taxa
UK1598	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	B.1.1	6 taxa
UK236	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Mar-27	B.2, B.2.1	6 taxa
UK951	5 (83.33%)	1 (16.67%)	0 (0%)	0 (0%)	Mar-22, Jun-08	B.1.1	6 taxa
UK1848	4 (66.67%)	0 (0%)	1 (16.67%)	1 (16.67%)	Mar-24, May-15	B.1.1	6 taxa
UK891	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Apr-07, May-05	B.1.1	6 taxa
UK1285	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	May-05, Jul-15	B.1, B.1.5	6 taxa

Lineage name	England	Scotland	Ireland	Wales	Date range	Global lineage	Total
UK339	4 (66.67%)	2 (33.33%)	0 (0%)	0 (0%)	Mar-05, May-18	B.1, B.1.8	6 taxa
UK1412	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-29	B.1.1	6 taxa
UK1862	5 (83.33%)	0 (0%)	0 (0%)	1 (16.67%)	Mar-19, May-19	B.1.1	6 taxa
UK656	4 (66.67%)	1 (16.67%)	0 (0%)	1 (16.67%)	Mar-29, Aug-11	B.1	6 taxa

Table S2 Raw data for figure two showing lags between the most recent sequence and current date for each sequencing centre

	Centre	Lag in days
0	NOTT	3
1	PHWC	6
2	BIRM	11
3	LIVE	13
4	GLAS	13
5	NORW	13
6	EDIN	13
7	SANG	14
8	SHEF	19
9	PHEC	20
10	CAMB	25
11	PORT	26
12	NORT	59
13	OXON	95
14	EXET	96
15	LOND	122
16	NIRE	165

Table S3 Raw data for figure three showing the number of admin2 regions a lineage is present in over time

Week commencing	UK5	UK175	UK1951	UK1205	UK109	UK199	UK1683	UK1037	UK1271	UK2068
2020-02-16	1	0	0	0	0	0	0	0	0	0
2020-02-23	2	5	0	0	0	1	0	0	0	0
2020-03-01	10	13	1	5	0	3	0	0	0	0
2020-03-08	26	18	5	16	3	7	3	1	0	0
2020-03-15	38	32	14	8	7	16	7	2	0	0
2020-03-22	69	49	20	13	13	27	19	9	0	4
2020-03-29	77	60	28	23	20	39	23	11	0	8
2020-04-05	85	70	33	18	26	27	24	15	1	6
2020-04-12	85	63	29	15	23	32	22	8	0	7
2020-04-19	86	50	38	16	17	30	18	8	0	5
2020-04-26	79	42	35	11	14	15	20	8	0	4
2020-05-03	69	30	20	11	14	11	12	5	0	3
2020-05-10	68	31	28	9	19	17	10	8	1	2

Week commencing	UK5	UK175	UK1951	UK1205	UK109	UK199	UK1683	UK1037	UK1271	UK2068
2020-05-17	56	31	35	12	10	10	14	9	1	6
2020-05-24	34	21	18	9	4	5	5	7	1	2
2020-05-31	49	17	18	13	12	6	5	9	3	2
2020-06-07	41	23	23	19	13	11	6	13	6	6
2020-06-14	36	15	20	17	8	8	5	14	8	4
2020-06-21	30	16	12	13	11	9	4	13	11	3
2020-06-28	28	12	14	7	6	7	4	7	7	5
2020-07-05	18	3	3	5	5	5	0	3	2	2
2020-07-12	26	6	10	8	9	6	4	12	4	6
2020-07-19	25	13	8	7	5	7	4	9	2	5
2020-07-26	13	5	3	4	2	2	5	8	2	1
2020-08-02	23	10	4	8	3	9	4	7	3	3
2020-08-09	30	9	5	8	5	8	9	3	7	2
2020-08-16	36	9	5	3	4	6	4	2	5	1
2020-08-23	15	0	0	1	0	1	0	0	1	0
2020-08-30	4	0	0	0	0	0	0	0	0	0

Table S4 Raw data for figure four showing the Shannon diversity per admin1 region over time

Week	England	Wales	Scotland	Northern Ireland
2020-01-26	-0	0	0	0
2020-02-02	0.562335	0	0	0
2020-02-09	-0	0	0	0
2020-02-16	-0	0	0	0
2020-02-23	2.91634	-0	-0	0
2020-03-01	3.48887	1.09861	2.13833	0
2020-03-08	4.12828	2.16716	3.36124	2.25386
2020-03-15	4.12515	2.30613	3.49999	1.71163
2020-03-22	4.40945	3.40955	3.74915	2.89939
2020-03-29	4.55526	3.69817	3.78421	3.00734
2020-04-05	4.42438	3.57454	3.46283	2.21727
2020-04-12	4.34629	3.35637	3.30731	1.86441
2020-04-19	4.20199	3.62237	3.41065	1.34571
2020-04-26	3.9999	3.41372	3.10825	1.4878
2020-05-03	3.85037	2.99544	2.92756	1.16581
2020-05-10	3.61359	3.13472	2.95909	1.14586
2020-05-17	3.54877	2.99528	2.59349	0.485136
2020-05-24	3.19822	2.68041	2.70952	0.754997
2020-05-31	3.52042	2.58422	2.24586	-0
2020-06-07	3.533	2.40302	2.12562	0
2020-06-14	3.36155	2.24507	1.92983	0.450561
2020-06-21	3.17091	1.75497	2.16142	-0
2020-06-28	3.25354	2.15367	0.325083	0
2020-07-05	3.0634	0.895333	0.693147	0.950271
2020-07-12	3.70534	1.36123	1.90804	1.36577
2020-07-19	3.4445	0.689203	1.18163	1.5844
2020-07-26	3.06791	0.29114	1.79898	1.51537
2020-08-02	3.39611	0.937156	1.42407	1.86576
2020-08-09	3.50525	1.91777	2.1514	1.9568
2020-08-16	3.69056	2.12704	2.13382	2.15419
2020-08-23	2.86119	1.82946	2.27621	1.24245
2020-08-30	1.95159	2.05849	2.33101	0
2020-09-06	0.796312	0.283936	0	0

Table S5 Raw data for figure five showing when lineages started per day, divided by singletons and non-singletons

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-01-29	0	1	1
2020-02-03	0	1	1
2020-02-05	0	1	1
2020-02-09	0	1	1
2020-02-16	0	1	1
2020-02-23	0	1	1
2020-02-24	0	3	3
2020-02-25	0	2	2
2020-02-26	1	3	4
2020-02-27	1	5	6
2020-02-28	2	5	7
2020-02-29	0	4	4
2020-03-01	1	6	7
2020-03-02	4	12	16
2020-03-03	1	8	9
2020-03-04	1	8	9
2020-03-05	3	7	10
2020-03-06	2	15	17
2020-03-07	3	6	9
2020-03-08	3	10	13
2020-03-09	5	11	16
2020-03-10	4	16	20
2020-03-11	13	28	41
2020-03-12	7	33	40
2020-03-13	14	21	35
2020-03-14	10	12	22
2020-03-15	9	10	19
2020-03-16	3	16	19
2020-03-17	11	38	49
2020-03-18	11	21	32
2020-03-19	13	23	36
2020-03-20	14	27	41
2020-03-21	13	25	38
2020-03-22	16	17	33
2020-03-23	20	42	62
2020-03-24	26	37	63
2020-03-25	25	35	60
2020-03-26	16	42	58
2020-03-27	17	38	55
2020-03-28	34	27	61
2020-03-29	27	33	60
2020-03-30	22	34	56
2020-03-31	28	40	68
2020-04-01	25	24	49
2020-04-02	29	19	48
2020-04-03	19	26	45
2020-04-04	20	32	52
2020-04-05	17	18	35
2020-04-06	19	24	43
2020-04-07	21	16	37
2020-04-08	22	20	42
2020-04-09	19	13	32
2020-04-10	8	11	19
2020-04-11	10	6	16
2020-04-12	12	9	21
2020-04-13	16	8	24
2020-04-14	11	15	26
2020-04-15	14	14	28
2020-04-16	13	9	22

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-04-17	9	8	17
2020-04-18	5	5	10
2020-04-19	9	8	17
2020-04-20	14	7	21
2020-04-21	9	7	16
2020-04-22	10	11	21
2020-04-23	10	8	18
2020-04-24	8	4	12
2020-04-25	7	2	9
2020-04-26	3	2	5
2020-04-27	10	4	14
2020-04-28	3	5	8
2020-04-29	0	3	3
2020-04-30	9	2	11
2020-05-01	5	4	9
2020-05-02	5	2	7
2020-05-04	7	3	10
2020-05-05	4	4	8
2020-05-06	2	2	4
2020-05-07	1	4	5
2020-05-08	1	0	1
2020-05-09	1	1	2
2020-05-10	0	1	1
2020-05-11	3	2	5
2020-05-12	5	2	7
2020-05-13	2	2	4
2020-05-14	6	3	9
2020-05-15	3	0	3
2020-05-16	1	0	1
2020-05-17	5	0	5
2020-05-18	5	3	8
2020-05-19	4	3	7
2020-05-20	1	1	2
2020-05-21	0	1	1
2020-05-22	1	1	2
2020-05-23	2	0	2
2020-05-24	0	1	1
2020-05-25	1	1	2
2020-05-26	1	0	1
2020-05-27	0	1	1
2020-05-28	1	0	1
2020-05-29	1	1	2
2020-06-01	1	2	3
2020-06-02	0	1	1
2020-06-03	1	0	1
2020-06-04	2	1	3
2020-06-05	3	1	4
2020-06-06	1	1	2
2020-06-07	4	2	6
2020-06-08	4	5	9
2020-06-09	5	3	8
2020-06-10	1	0	1
2020-06-11	4	2	6
2020-06-12	2	5	7
2020-06-13	3	3	6
2020-06-14	2	3	5
2020-06-15	5	0	5
2020-06-16	6	1	7
2020-06-17	1	0	1

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-06-18	3	0	3
2020-06-19	1	2	3
2020-06-20	1	0	1
2020-06-21	0	2	2
2020-06-22	0	1	1
2020-06-23	1	0	1
2020-06-24	2	0	2
2020-06-26	1	0	1
2020-06-27	2	1	3
2020-06-29	2	2	4
2020-06-30	1	0	1
2020-07-01	2	1	3
2020-07-02	0	1	1
2020-07-03	4	2	6
2020-07-04	3	1	4
2020-07-05	1	3	4
2020-07-06	0	3	3
2020-07-10	1	0	1
2020-07-11	1	1	2
2020-07-12	0	1	1
2020-07-13	1	2	3
2020-07-14	1	3	4
2020-07-15	3	6	9
2020-07-16	4	3	7
2020-07-17	4	3	7
2020-07-18	3	1	4
2020-07-19	2	1	3
2020-07-20	2	4	6
2020-07-21	1	2	3
2020-07-22	0	1	1
2020-07-23	3	1	4
2020-07-24	1	1	2
2020-07-28	1	0	1
2020-07-29	3	0	3
2020-07-30	1	0	1
2020-07-31	1	0	1
2020-08-02	1	2	3
2020-08-03	1	3	4
2020-08-04	2	2	4
2020-08-05	2	3	5
2020-08-06	1	1	2
2020-08-07	1	1	2
2020-08-08	2	1	3
2020-08-09	4	5	9
2020-08-10	2	5	7
2020-08-11	2	3	5
2020-08-12	2	2	4
2020-08-13	2	0	2
2020-08-14	1	0	1
2020-08-15	0	1	1
2020-08-17	3	2	5
2020-08-18	7	3	10
2020-08-19	0	2	2
2020-08-20	2	0	2
2020-08-21	2	0	2
2020-08-24	1	0	1
2020-08-26	1	0	1
2020-08-29	1	0	1
2020-08-30	1	0	1

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-09-02	1	0	1
2020-09-07	1	0	1

Table S6 Raw data for figure six showing the number of sequences taken over time.

Day	England	Scotland	Wales	Northern Ireland
2020-01-29	1	0	0	0
2020-02-03	1	0	0	0
2020-02-05	1	0	0	0
2020-02-08	2	0	0	0
2020-02-09	1	0	0	0
2020-02-13	1	0	0	0
2020-02-16	1	0	0	0
2020-02-23	2	0	0	0
2020-02-24	5	0	0	0
2020-02-25	7	0	0	0
2020-02-26	7	0	0	0
2020-02-27	19	0	1	0
2020-02-28	26	1	0	0
2020-02-29	25	0	0	0
2020-03-01	63	1	0	0
2020-03-02	90	1	0	0
2020-03-03	108	2	0	0
2020-03-04	114	5	1	0
2020-03-05	104	3	0	0
2020-03-06	92	7	0	0
2020-03-07	59	5	2	0
2020-03-08	69	2	2	0
2020-03-09	91	12	2	0
2020-03-10	135	5	6	2
2020-03-11	194	11	10	3
2020-03-12	258	34	16	0
2020-03-13	165	46	13	1
2020-03-14	127	15	13	6
2020-03-15	122	9	18	1
2020-03-16	154	17	30	5
2020-03-17	230	35	40	8
2020-03-18	308	30	30	6
2020-03-19	275	34	36	3
2020-03-20	315	41	16	6
2020-03-21	343	47	3	13
2020-03-22	270	55	1	9
2020-03-23	615	104	12	29
2020-03-24	568	95	79	23
2020-03-25	505	94	179	20
2020-03-26	629	121	60	30
2020-03-27	501	151	109	9
2020-03-28	524	109	69	12
2020-03-29	516	104	68	21
2020-03-30	695	168	133	6
2020-03-31	698	121	176	23
2020-04-01	577	119	179	8
2020-04-02	621	81	124	2
2020-04-03	661	109	150	0
2020-04-04	534	98	179	3
2020-04-05	489	88	112	0
2020-04-06	599	152	202	22
2020-04-07	602	131	197	5

Day	England	Scotland	Wales	Northern Ireland
2020-04-08	617	130	136	16
2020-04-09	501	97	101	2
2020-04-10	499	122	143	23
2020-04-11	437	90	84	14
2020-04-12	352	114	101	28
2020-04-13	425	159	84	30
2020-04-14	532	114	133	19
2020-04-15	522	118	87	34
2020-04-16	541	131	81	40
2020-04-17	503	101	71	34
2020-04-18	361	86	86	8
2020-04-19	312	35	88	9
2020-04-20	450	107	140	30
2020-04-21	378	145	64	29
2020-04-22	435	131	44	26
2020-04-23	389	96	80	11
2020-04-24	298	117	92	17
2020-04-25	181	72	60	16
2020-04-26	168	59	44	4
2020-04-27	313	97	84	12
2020-04-28	304	55	57	18
2020-04-29	356	38	60	18
2020-04-30	305	57	64	18
2020-05-01	314	66	55	19
2020-05-02	182	25	57	26
2020-05-03	148	25	21	12
2020-05-04	285	33	54	25
2020-05-05	210	40	62	12
2020-05-06	230	50	63	5
2020-05-07	211	56	57	6
2020-05-08	131	49	35	8
2020-05-09	93	38	43	11
2020-05-10	117	31	43	12
2020-05-11	239	47	77	4
2020-05-12	217	71	47	4
2020-05-13	164	64	61	0
2020-05-14	157	67	59	13
2020-05-15	106	32	79	4
2020-05-16	79	26	46	12
2020-05-17	86	19	36	8
2020-05-18	252	62	65	16
2020-05-19	199	45	77	18
2020-05-20	148	19	66	4
2020-05-21	95	33	44	9
2020-05-22	102	26	48	5
2020-05-23	33	8	35	3
2020-05-24	45	9	22	0
2020-05-25	96	23	41	6
2020-05-26	91	17	44	2
2020-05-27	100	13	42	2
2020-05-28	68	11	42	2
2020-05-29	43	2	39	1
2020-05-30	56	7	26	1
2020-05-31	56	8	20	0
2020-06-01	122	7	25	1
2020-06-02	211	18	16	0
2020-06-03	81	5	27	0
2020-06-04	115	9	20	0
2020-06-05	75	9	18	0

Day	England	Scotland	Wales	Northern Ireland
2020-06-06	86	5	14	0
2020-06-07	240	2	11	0
2020-06-08	330	3	11	0
2020-06-09	332	6	22	0
2020-06-10	338	3	23	0
2020-06-11	462	4	33	0
2020-06-12	503	3	34	0
2020-06-13	353	2	29	0
2020-06-14	377	1	27	0
2020-06-15	377	5	37	0
2020-06-16	354	4	41	1
2020-06-17	374	9	20	3
2020-06-18	248	3	21	0
2020-06-19	344	1	26	2
2020-06-20	165	1	13	0
2020-06-21	184	1	25	0
2020-06-22	202	3	17	0
2020-06-23	277	1	34	0
2020-06-24	311	3	11	0
2020-06-25	243	4	19	0
2020-06-26	59	6	5	0
2020-06-27	86	3	50	3
2020-06-28	23	2	3	0
2020-06-29	177	0	13	0
2020-06-30	204	1	8	0
2020-07-01	225	0	10	0
2020-07-02	220	0	6	0
2020-07-03	229	6	4	0
2020-07-04	155	1	3	0
2020-07-05	56	0	0	0
2020-07-06	67	1	3	0
2020-07-07	13	0	2	0
2020-07-08	9	0	2	0
2020-07-09	13	1	1	0
2020-07-10	26	0	5	0
2020-07-11	35	0	1	5
2020-07-12	21	0	1	4
2020-07-13	78	3	7	2
2020-07-14	116	0	1	5
2020-07-15	275	1	7	7
2020-07-16	190	5	4	14
2020-07-17	171	2	3	6
2020-07-18	98	7	4	4
2020-07-19	63	10	5	0
2020-07-20	106	6	11	1
2020-07-21	83	2	5	6
2020-07-22	113	9	8	4
2020-07-23	104	6	7	8
2020-07-24	99	9	7	5
2020-07-25	55	2	7	4
2020-07-26	41	2	3	4
2020-07-27	81	5	1	10
2020-07-28	28	10	5	8
2020-07-29	27	5	11	5
2020-07-30	52	0	3	0
2020-07-31	36	1	1	0
2020-08-01	18	6	6	7
2020-08-02	49	13	0	0
2020-08-03	62	24	5	0

Day	England	Scotland	Wales	Northern Ireland
2020-08-04	80	27	1	8
2020-08-05	90	40	1	6
2020-08-06	127	43	3	7
2020-08-07	68	31	3	7
2020-08-08	47	20	0	23
2020-08-09	134	29	1	21
2020-08-10	240	49	6	40
2020-08-11	117	56	6	20
2020-08-12	144	37	2	4
2020-08-13	138	45	1	28
2020-08-14	127	49	6	34
2020-08-15	62	15	1	18
2020-08-16	29	12	8	18
2020-08-17	193	45	3	38
2020-08-18	243	23	21	8
2020-08-19	92	58	6	25
2020-08-20	176	110	9	51
2020-08-21	162	57	8	65
2020-08-22	7	7	0	0
2020-08-23	3	1	0	0
2020-08-24	6	4	3	0
2020-08-25	34	3	6	1
2020-08-26	35	7	4	5
2020-08-27	3	3	3	0
2020-08-28	5	0	3	0
2020-08-29	21	43	1	0
2020-08-30	2	34	5	0
2020-08-31	12	29	4	0
2020-09-01	3	0	1	0
2020-09-02	6	0	1	0
2020-09-03	0	0	4	0
2020-09-04	0	0	15	0
2020-09-05	0	0	22	0
2020-09-06	0	0	22	0
2020-09-07	2	0	9	0
2020-09-09	1	0	0	0
2020-09-10	4	0	0	0

Table S7 Raw data for the figure seven with the number of sequences assigned to each admin2 region.

Admin2	Country	Number of sequences	Sequence group
ABERDEEN	Scotland	316	300-400
ABERDEENSHIRE	Scotland	164	100-200
ANGLESEY	Wales	165	100-200
ANGUS	Scotland	118	100-200
ANTRIM	Northern Ireland	461	400-500
ARGYLL AND BUTE	Scotland	32	10-100
ARMAGH	Northern Ireland	44	10-100
BEDFORDSHIRE	England	620	600-700
BERKSHIRE	England	78	10-100
BLACKBURN WITH DARWEN	England	0	0
BLACKPOOL	England	0	0
BLAENAU GWENT	Wales	106	100-200
BOURNEMOUTH	England	0	0
BRIDGEND	Wales	179	100-200
BRIGHTON AND HOVE	England	18	10-100
BRISTOL	England	35	10-100
BUCKINGHAMSHIRE	England	544	500-600

Admin2	Country	Number of sequences	Sequence group
CAERPHILLY	Wales	246	200-300
CAMBRIDGESHIRE	England	990	700-1000
CARDIFF	Wales	838	700-1000
CARMARTHENSHIRE	Wales	227	200-300
CEREDIGION	Wales	21	10-100
CHESHIRE	England	459	400-500
CLACKMANNANSHIRE	Scotland	9	1-10
CLWYD	Wales	1207	1000-2000
CORNWALL	England	46	10-100
CUMBRIA	England	498	400-500
DARLINGTON	England	0	0
DERBY	England	0	0
DERBYSHIRE	England	214	200-300
DEVON	England	534	500-600
DORSET	England	273	200-300
DOWN	Northern Ireland	400	400-500
DUMFRIES AND GALLOWAY	Scotland	123	100-200
DUNDEE	Scotland	481	400-500
DURHAM	England	417	400-500
EAST AYRSHIRE	Scotland	116	100-200
EAST DUNBARTONSHIRE	Scotland	121	100-200
EAST LOTHIAN	Scotland	83	10-100
EAST RENFREWSHIRE	Scotland	83	10-100
EAST RIDING OF YORKSHIRE	England	144	100-200
EDINBURGH	Scotland	714	700-1000
EILEAN SIAR	Scotland	4	1-10
ESSEX	England	1786	1000-2000
FALKIRK	Scotland	128	100-200
FERMANAGH	Northern Ireland	5	1-10
FIFE	Scotland	94	10-100
GLASGOW	Scotland	1698	1000-2000
GLOUCESTERSHIRE	England	1055	1000-2000
GREATER LONDON	England	3712	>2000
GREATER MANCHESTER	England	746	700-1000
GUERNSEY	Channel_islands	43	10-100
GWYNEDD	Wales	182	100-200
HALTON	England	0	0
HAMPSHIRE	England	839	700-1000
HARTLEPOOL	England	0	0
HEREFORDSHIRE	England	99	10-100
HERTFORDSHIRE	England	1227	1000-2000
HIGHLAND	Scotland	68	10-100
INVERCLYDE	Scotland	72	10-100
ISLE OF WIGHT	England	5	1-10
ISLES OF SCILLY	England	0	0
JERSEY	Channel_islands	95	10-100
KENT	England	154	100-200
KINGSTON UPON HULL	England	0	0
LANCASHIRE	England	1043	1000-2000
LEICESTER	England	0	0
LEICESTERSHIRE	England	1968	1000-2000
LINCOLNSHIRE	England	258	200-300
LONDONDERRY	Northern Ireland	50	10-100
MEDWAY	England	0	0
MERSEYSIDE	England	1563	1000-2000
MERTHYR TYDFIL	Wales	192	100-200
MIDDLESBROUGH	England	0	0
MIDLOTHIAN	Scotland	211	200-300
MILTON KEYNES	England	0	0

Admin2	Country	Number of sequences	Sequence group
MONMOUTHSHIRE	Wales	108	100-200
MORAY	Scotland	23	10-100
NEATH PORT TALBOT	Wales	189	100-200
NEWPORT	Wales	218	200-300
NORFOLK	England	804	700-1000
NORTH AYRSHIRE	Scotland	31	10-100
NORTH LANARKSHIRE	Scotland	412	400-500
NORTH LINCOLNSHIRE	England	0	0
NORTH YORKSHIRE	England	479	400-500
NORTHAMPTONSHIRE	England	154	100-200
NORTHUMBERLAND	England	231	200-300
NOTTINGHAM	England	927	700-1000
NOTTINGHAMSHIRE	England	301	300-400
ORKNEY ISLANDS	Scotland	7	1-10
OXFORDSHIRE	England	169	100-200
PEMBROKESHIRE	Wales	102	100-200
PERTHSHIRE AND KINROSS	Scotland	292	200-300
PETERBOROUGH	England	0	0
PLYMOUTH	England	2	1-10
POOLE	England	0	0
PORTSMOUTH	England	0	0
POWYS	Wales	117	100-200
REDCAR AND CLEVELAND	England	0	0
RENFREWSHIRE	Scotland	418	400-500
RHONDDA, CYNON, TAFF	Wales	627	600-700
RUTLAND	England	5	1-10
SCOTTISH BORDERS	Scotland	163	100-200
SHETLAND ISLANDS	Scotland	20	10-100
SHROPSHIRE	England	49	10-100
SOMERSET	England	903	700-1000
SOUTH AYRSHIRE	Scotland	20	10-100
SOUTH GLOUCESTERSHIRE	England	0	0
SOUTH LANARKSHIRE	Scotland	148	100-200
SOUTH YORKSHIRE	England	2717	>2000
SOUTHAMPTON	England	0	0
SOUTHEND-ON-SEA	England	1	1-10
STAFFORDSHIRE	England	158	100-200
STIRLING	Scotland	27	10-100
STOCKTON-ON-TEES	England	0	0
STOKE-ON-TRENT	England	1	1-10
SUFFOLK	England	728	700-1000
SURREY	England	145	100-200
SUSSEX	England	170	100-200
SWANSEA	Wales	429	400-500
SWINDON	England	0	0
TELFORD AND WREKIN	England	0	0
THURROCK	England	0	0
TORBAY	England	0	0
TORFAEN	Wales	114	100-200
TYNE AND WEAR	England	738	700-1000
TYRONE	Northern Ireland	35	10-100
VALE OF GLAMORGAN	Wales	290	200-300
WARRINGTON	England	0	0
WARWICKSHIRE	England	50	10-100
WEST DUNBARTONSHIRE	Scotland	88	10-100
WEST LoTHIAN	Scotland	196	100-200
WEST MIDLANDS	England	746	700-1000
WEST YORKSHIRE	England	1091	1000-2000
WILTSHIRE	England	647	600-700

Admin2	Country	Number of sequences	Sequence group
WORCESTERSHIRE	England	41	10-100
YORK	England	0	0