

UK Lineages report

This report gives summaries of UK specific lineages for week 2020-06-05. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-06-02. The analysis (eg time since last sample) is therefore undertaken from this date. 20166 sequences in the UK have been included in this analysis. 5928 lineages have been recorded, 4450 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 6210 and the maximum is 8985

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

5472 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 169 that remain: 120 are pending extinction, ie last seen three weeks ago. 36 lineages have gone quiet, ie haven't been seen this week. 4 lineages have reactivated. 9 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 2020-05-19

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	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5	4 (0.3%)	1096 (83.35%)	140 (10.65%)	75 (5.7%)	Mar-03, May-31	1315	B.1.1, B.1.1.1	2	0.0339
UK2464	0 (0%)	255 (58.62%)	77 (17.7%)	103 (23.68%)	Mar-09, May-25	435	B.1.p11	8	0.0222
UK61	0 (0%)	22 (5.57%)	373 (94.43%)	0 (0%)	Mar-10, May-15	395	B.3	18	0.0093
UK36	2 (0.6%)	83 (25.0%)	10 (3.01%)	237 (71.39%)	Mar-18, May-21	332	B.1	12	0.0161
UK2916	9 (2.8%)	253 (78.82%)	52 (16.2%)	7 (2.18%)	Feb-03, May-10	321	B.1, B.1.p11	23	0.0132

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5098	0 (0%)	1 (0.41%)	0 (0%)	240 (99.59%)	Mar-16, May-12	241	B.1.p73	21	0.0113
UK158	0 (0%)	24 (11.06%)	193 (88.94%)	0 (0%)	Mar-20, May-17	217	B.1.1.2, B.1.1	16	0.0168
UK632	0 (0%)	71 (32.87%)	145 (67.13%)	0 (0%)	Mar-23, Jun-02	216	B.1.1	0	active today
UK9	0 (0%)	201 (99.5%)	1 (0.5%)	0 (0%)	Mar-09, May-15	202	B.1.13	18	0.0185
UK19	0 (0%)	93 (49.47%)	95 (50.53%)	0 (0%)	Mar-09, May-15	188	B.1, B.1.44	18	0.0199

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.

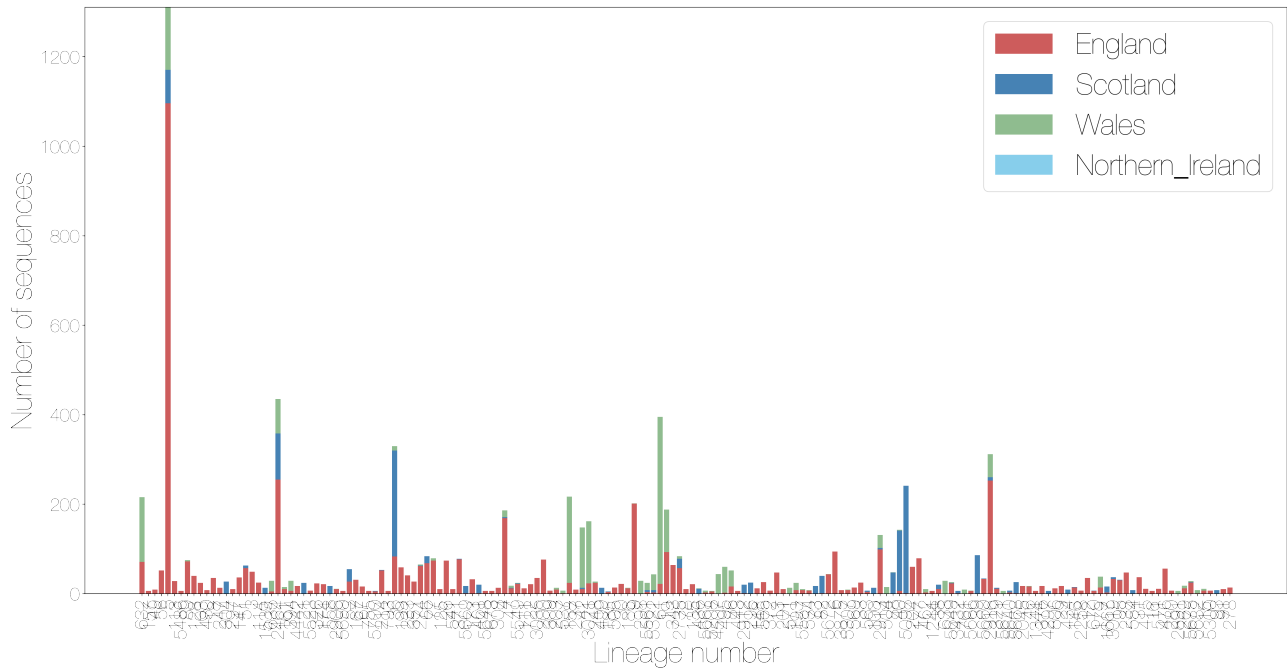


Figure 1: Number of sequences sampled in a lineage by country

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.

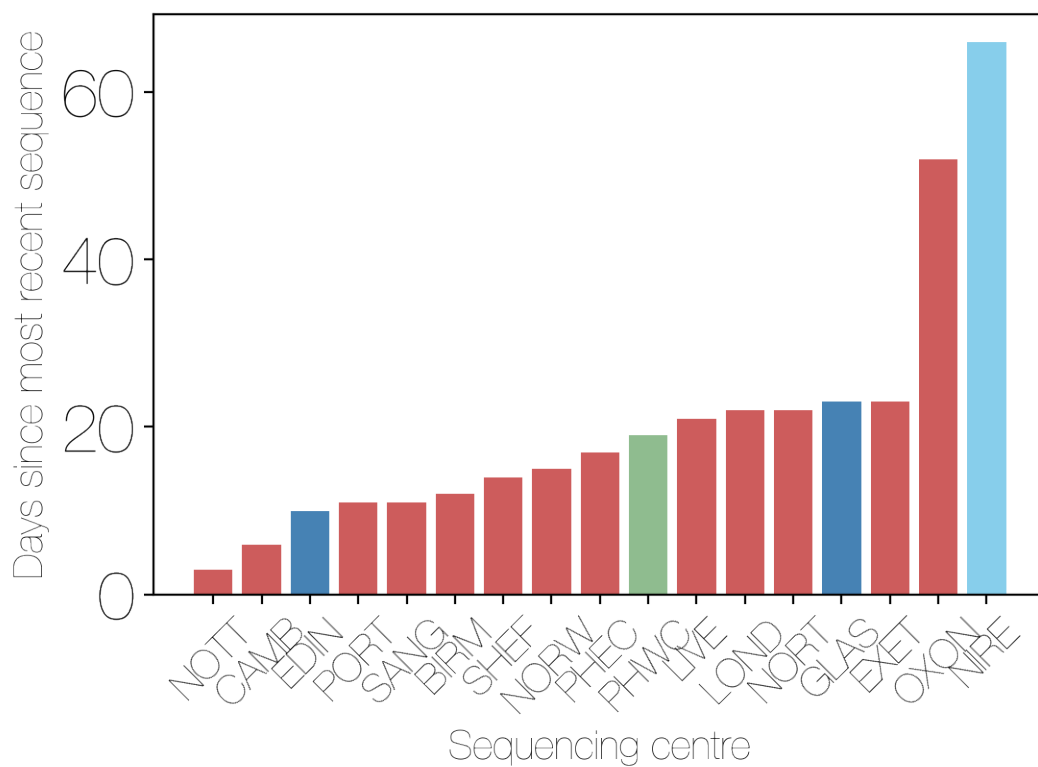


Figure 2: Lag since the most recent sequence from each sequencing centre to most current date

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.

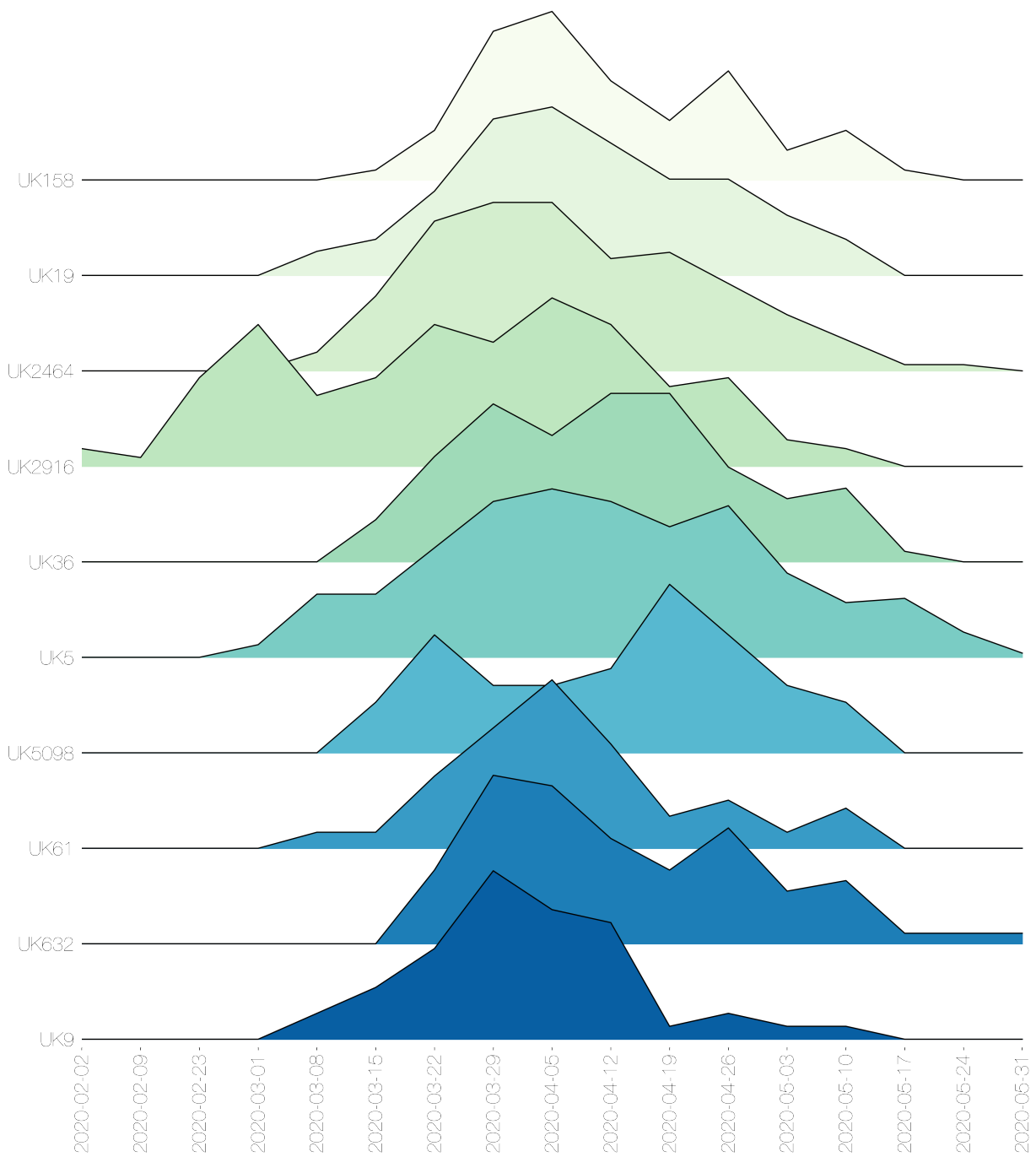


Figure 3: Lineages by number of adm2 regions present by epiweek

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.

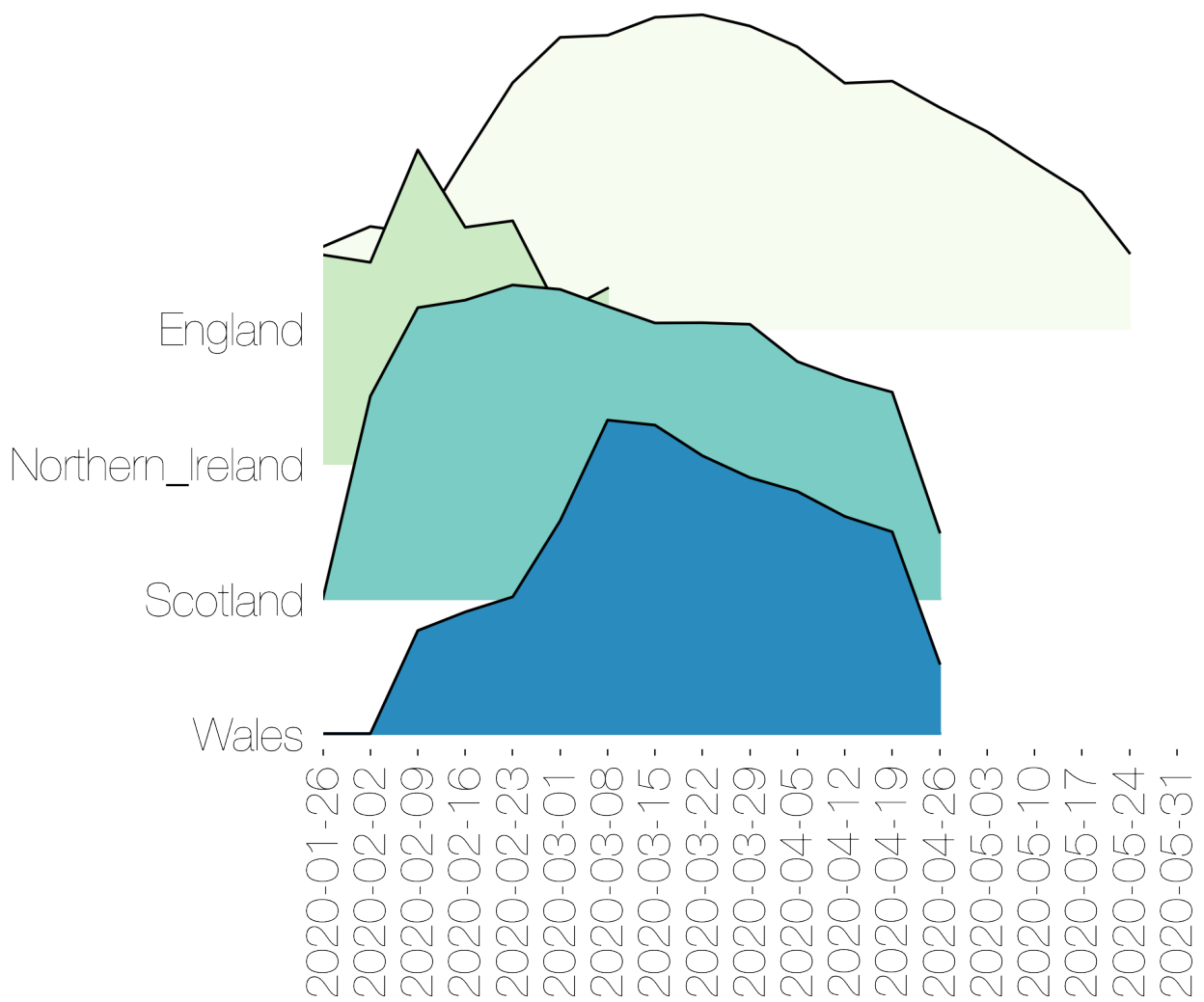


Figure 4: Shannon diversity of lineages in each adm1 region

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.

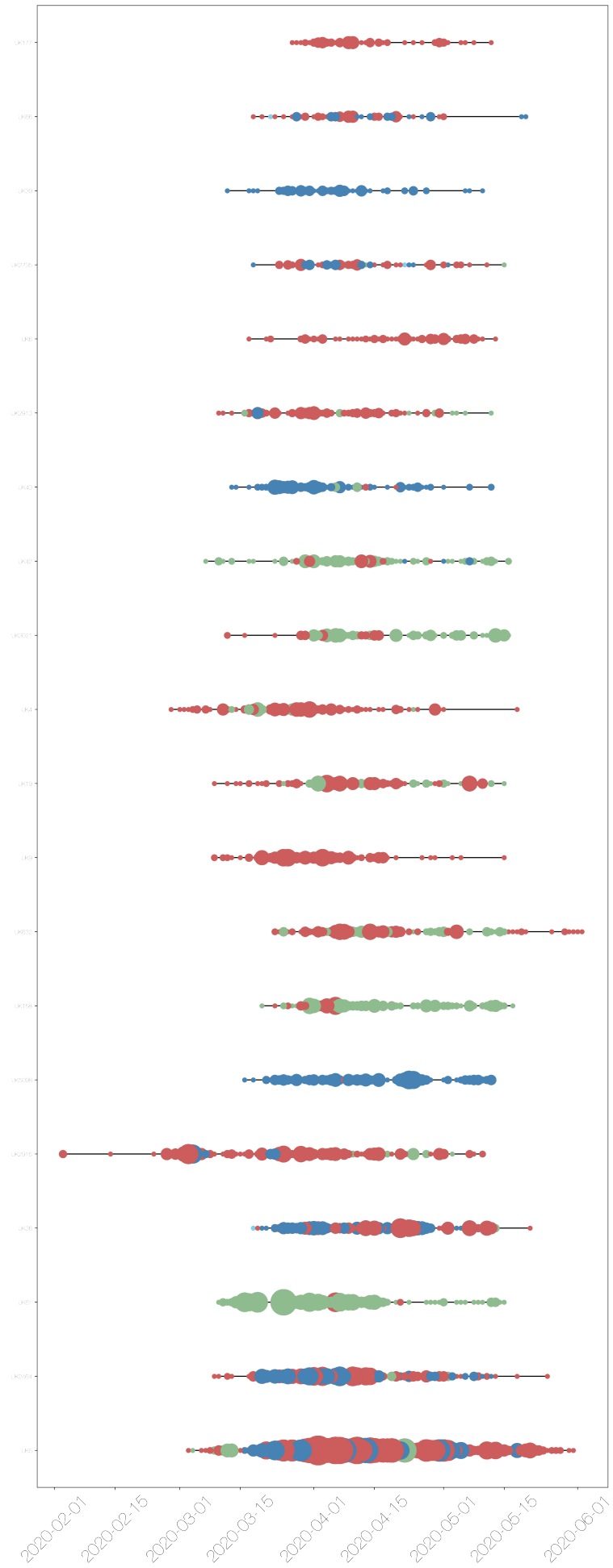


Figure 5: Timeline of lineages, sized by number of sequences from each country.

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

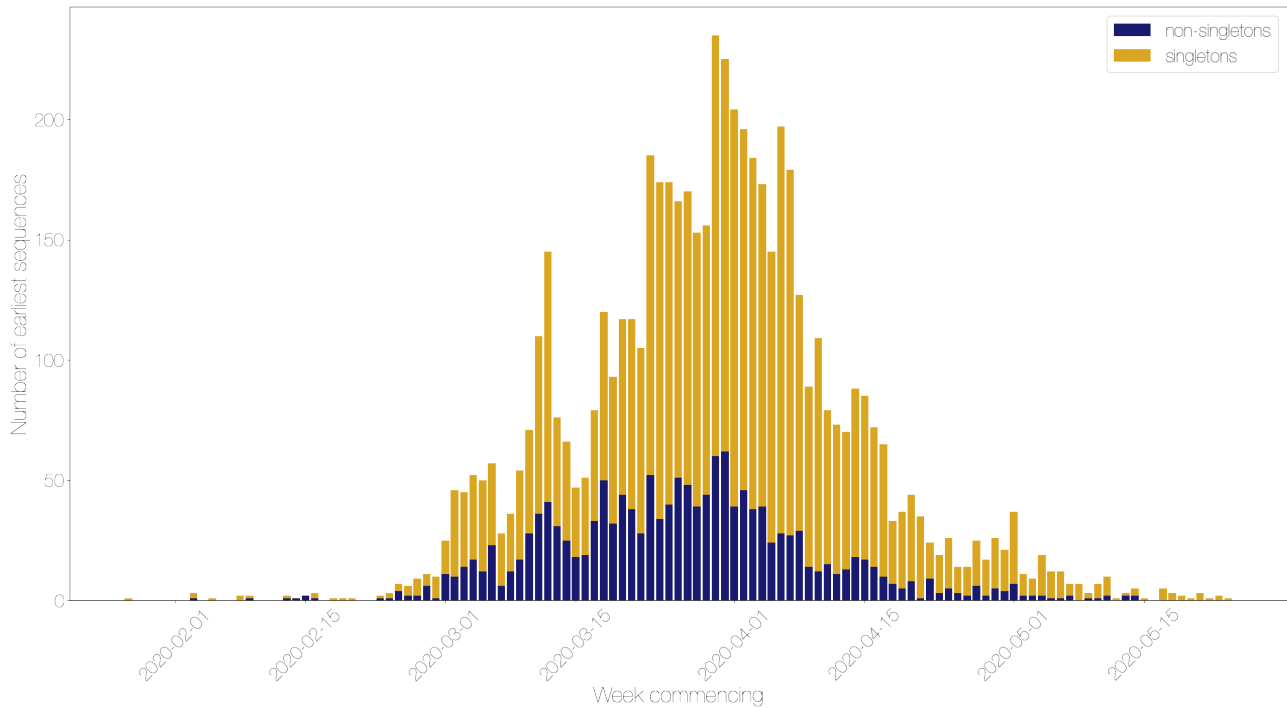


Figure 6: Lineage starts per week, split by singletons and non-singletons

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.

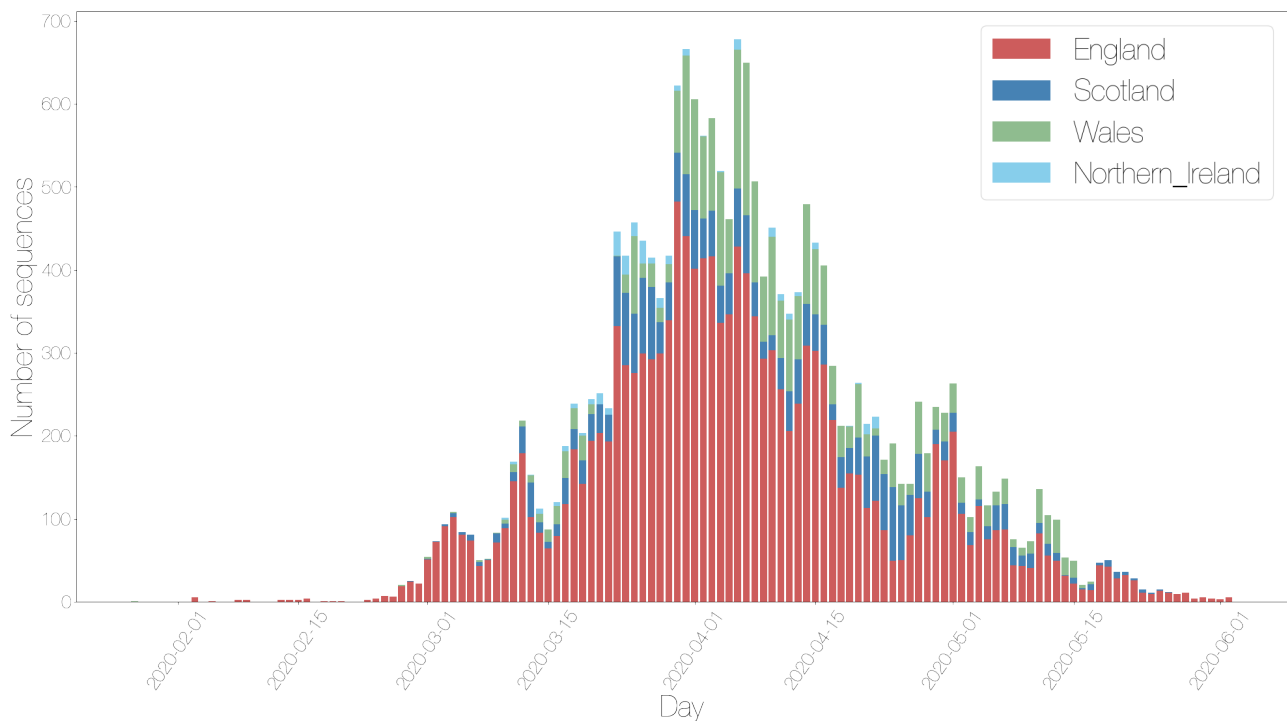


Figure 7: Sequences taken on each day by country

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.

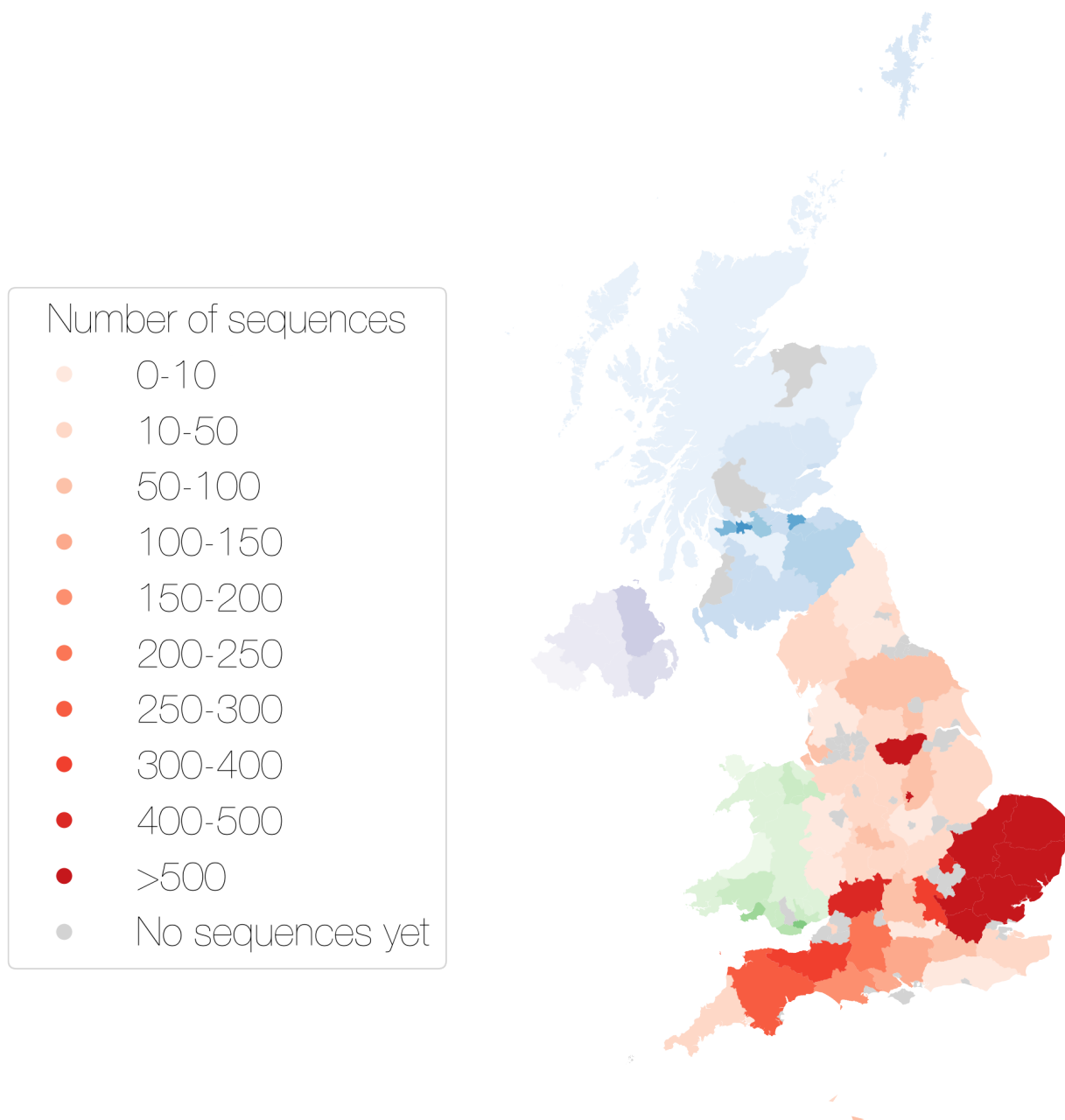


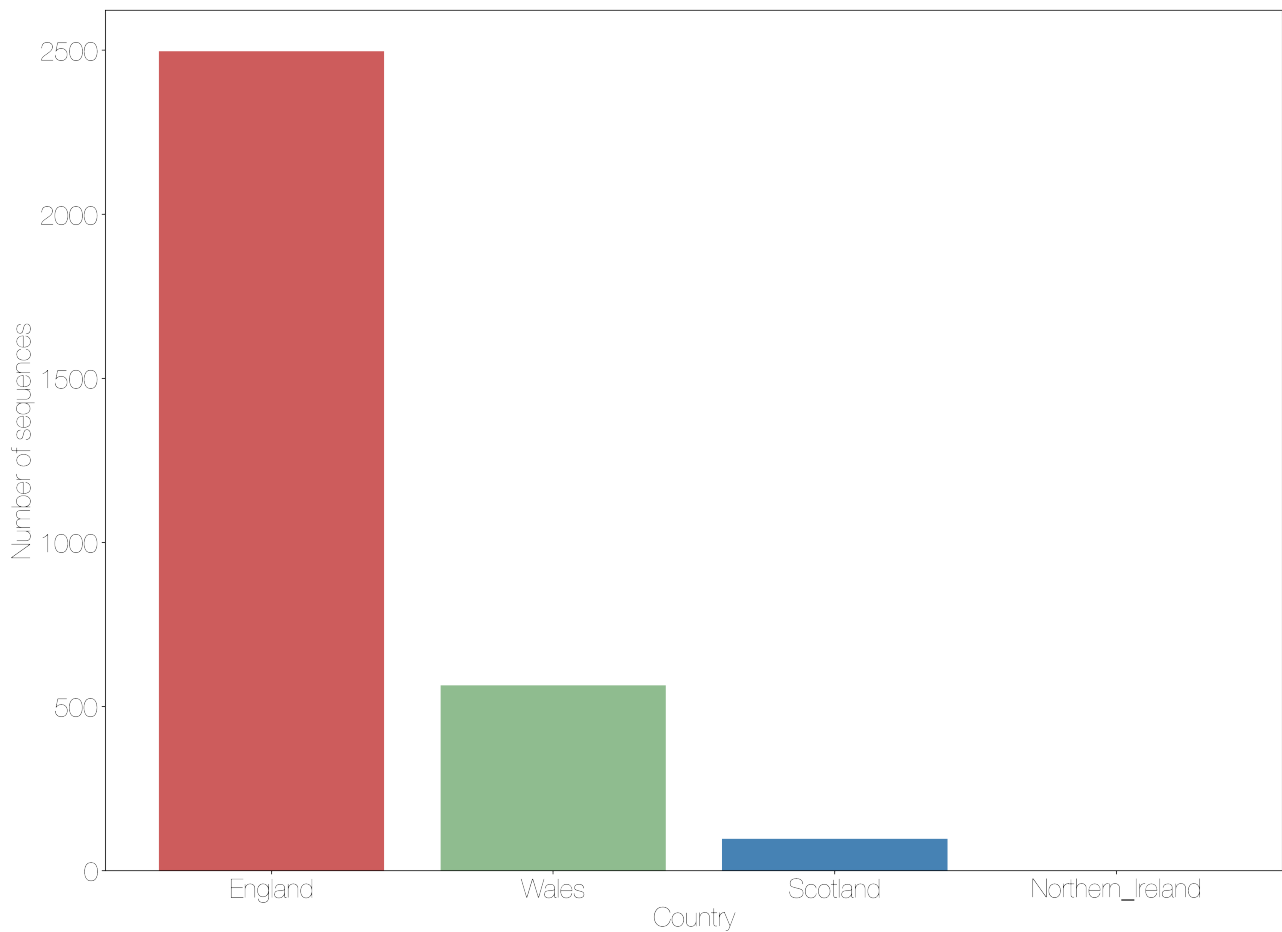
Figure 8: Map showing the number of sequences sampled by adm2 region

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 Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5	4 (0.3%)	1096 (83.35%)	140 (10.65%)	75 (5.7%)	Mar-03, May-31	1315	B.1.1, B.1.1.1	2	0.0339
UK2464	0 (0%)	255 (58.62%)	77 (17.7%)	103 (23.68%)	Mar-09, May-25	435	B.1.p11	8	0.0222
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UK2916	9 (2.8%)	253 (78.82%)	52 (16.2%)	7 (2.18%)	Feb-03, May-10	321	B.1, B.1.p11	23	0.0132
UK5098	0 (0%)	1 (0.41%)	0 (0%)	240 (99.59%)	Mar-16, May-12	241	B.1.p73	21	0.0113
UK158	0 (0%)	24 (11.06%)	193 (88.94%)	0 (0%)	Mar-20, May-17	217	B.1.1.2, B.1.1	16	0.0168
UK632	0 (0%)	71 (32.87%)	145 (67.13%)	0 (0%)	Mar-23, Jun-02	216	B.1.1	0	active today
UK9	0 (0%)	201 (99.5%)	1 (0.5%)	0 (0%)	Mar-09, May-15	202	B.1.13	18	0.0185
UK19	0 (0%)	93 (49.47%)	95 (50.53%)	0 (0%)	Mar-09, May-15	188	B.1, B.1.44	18	0.0199
UK4	1 (0.53%)	169 (90.37%)	15 (8.02%)	2 (1.07%)	Feb-28, May-18	187	B	15	0.0287
UK3021	0 (0%)	23 (14.2%)	139 (85.8%)	0 (0%)	Mar-12, May-16	162	B.1	17	0.0237
UK42	0 (0%)	10 (6.76%)	135 (91.22%)	3 (2.03%)	Mar-07, May-16	148	B.1, B.1.35	17	0.028
UK40	0 (0%)	6 (4.2%)	2 (1.4%)	135 (94.41%)	Mar-13, May-12	143	B, B.16	21	0.0201
UK2913	0 (0%)	99 (75.57%)	29 (22.14%)	3 (2.29%)	Mar-10, May-12	131	B.1.p11	21	0.0231
UK494	0 (0%)	106 (97.25%)	1 (0.92%)	2 (1.83%)	Mar-20, May-05	109	B.1.p11	28	0.0152
UK6	0 (0%)	94 (100.0%)	0 (0%)	0 (0%)	Mar-17, May-13	94	B.1	20	0.0306
UK2200	3 (3.26%)	22 (23.91%)	34 (36.96%)	33 (35.87%)	Feb-28, May-05	92	B.1.5.6, B.1.5	28	0.0263

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK2735	7 (7.69%)	57 (62.64%)	6 (6.59%)	21 (23.08%)	Mar-18, May-15	91	B.1.1	18	0.0358
UK63	0 (0%)	90 (98.9%)	1 (1.1%)	0 (0%)	Mar-18, May-05	91	B.1.1	28	0.019
UK39	0 (0%)	0 (0%)	0 (0%)	86 (100.0%)	Mar-12, May-10	86	A.2	23	0.0302
UK66	1 (1.18%)	68 (80.0%)	0 (0%)	16 (18.82%)	Mar-18, May-20	85	B.1.1.8	13	0.0577
UK72	55 (67.07%)	20 (24.39%)	0 (0%)	7 (8.54%)	Mar-11, May-04	82	B.10	29	0.023
UK177	0 (0%)	79 (100.0%)	0 (0%)	0 (0%)	Mar-27, May-12	79	B.1.1	21	0.0281
UK77	0 (0%)	74 (93.67%)	5 (6.33%)	0 (0%)	Mar-11, May-20	79	B.2.4, B.2	13	0.069
UK371	0 (0%)	77 (98.72%)	0 (0%)	1 (1.28%)	Mar-12, May-19	78	B.1.1	14	0.0631
UK339	1 (1.32%)	59 (77.63%)	13 (17.11%)	3 (3.95%)	Feb-23, Apr-16	76	B.3	47	0.015
UK200	0 (0%)	76 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-18	76	B.1.p11	15	0.0356
UK89	0 (0%)	72 (96.0%)	3 (4.0%)	0 (0%)	Mar-11, May-28	75	B.1.1.9	5	0.2108
UK26	0 (0%)	74 (100.0%)	0 (0%)	0 (0%)	Mar-18, May-20	74	B.1.1.3	13	0.0664
UK107	0 (0%)	68 (100.0%)	0 (0%)	0 (0%)	Mar-15, Apr-21	68	B.2.5, B.2, B.2.1	42	0.0131
UK274	0 (0%)	62 (95.38%)	2 (3.08%)	1 (1.54%)	Mar-06, May-21	65	B, B.3	12	0.099

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK51	1 (1.56%)	57 (89.06%)	0 (0%)	6 (9.38%)	Mar-21, May-26	64	B.1.36	7	0.1497
UK343	0 (0%)	64 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-15	64	B.1	18	0.0423
UK194	0 (0%)	64 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-24	64	B.1.1	39	0.0147
UK37	0 (0%)	60 (96.77%)	1 (1.61%)	1 (1.61%)	Mar-17, May-04	62	B.1, B.1.30	29	0.0271
UK495	0 (0%)	2 (3.33%)	58 (96.67%)	0 (0%)	Mar-27, May-14	60	B.1.p11	19	0.0428
UK204	0 (0%)	60 (100.0%)	0 (0%)	0 (0%)	Apr-07, May-12	60	B.1.1	21	0.0282
UK199	0 (0%)	59 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-21	59	B.1.5.5	12	0.0618
UK115	0 (0%)	58 (98.31%)	1 (1.69%)	0 (0%)	Mar-15, Apr-20	59	B.2.1	43	0.0144
UK225	3 (5.26%)	1 (1.75%)	2 (3.51%)	51 (89.47%)	Mar-14, Apr-10	57	B.2	53	0.0091
UK112	0 (0%)	56 (100.0%)	0 (0%)	0 (0%)	Mar-15, May-04	56	B.1.1, B.1.1.p11	29	0.0313
UK476	0 (0%)	56 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-06	56	B.1.1	27	0.0242
UK53	0 (0%)	27 (49.09%)	0 (0%)	28 (50.91%)	Mar-26, May-22	55	B.1.1.4	11	0.096
UK214	1 (1.85%)	52 (96.3%)	0 (0%)	1 (1.85%)	Mar-06, May-21	54	B.1.1	12	0.1195
UK86	0 (0%)	16 (30.77%)	36 (69.23%)	0 (0%)	Mar-05, May-14	52	B.1	19	0.0722

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK56	0 (0%)	52 (100.0%)	0 (0%)	0 (0%)	Mar-20, Jun-02	52	B.1.1	0	active today
UK3	0 (0%)	49 (100.0%)	0 (0%)	0 (0%)	Feb-24, May-25	49	B.1	8	0.237
UK88	0 (0%)	0 (0%)	1 (2.08%)	47 (97.92%)	Mar-22, May-12	48	B.1	21	0.0517
UK44	1 (2.13%)	0 (0%)	0 (0%)	46 (97.87%)	Mar-17, May-01	47	B	32	0.0306
UK238	0 (0%)	47 (100.0%)	0 (0%)	0 (0%)	Mar-19, May-07	47	B.1.1	26	0.041
UK13	0 (0%)	47 (100.0%)	0 (0%)	0 (0%)	Mar-13, May-13	47	B.1.1	20	0.0663
UK94	0 (0%)	47 (100.0%)	0 (0%)	0 (0%)	Mar-12, Apr-19	47	B.2, B.2.1	44	0.0188
UK28	0 (0%)	45 (100.0%)	0 (0%)	0 (0%)	Mar-13, May-01	45	B.1.1.10	32	0.0348
UK187	5 (11.36%)	4 (9.09%)	28 (63.64%)	7 (15.91%)	Mar-23, Apr-28	44	B.1	35	0.0239
UK4507	0 (0%)	0 (0%)	44 (100.0%)	0 (0%)	Apr-14, May-14	44	B.1	19	0.0367
UK5672	0 (0%)	43 (97.73%)	1 (2.27%)	0 (0%)	Mar-19, May-13	44	B.1.1, B.2	20	0.064
UK5322	0 (0%)	3 (6.98%)	35 (81.4%)	5 (11.63%)	Mar-23, May-15	43	B.1.1	18	0.0701
UK513	0 (0%)	43 (100.0%)	0 (0%)	0 (0%)	Mar-12, Apr-29	43	B.1.p11	34	0.0336
UK760	43 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	43	B.1.1	41	0.0186

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK8	0 (0%)	38 (90.48%)	2 (4.76%)	2 (4.76%)	Mar-03, May-01	42	B	32	0.045
UK62	0 (0%)	38 (92.68%)	0 (0%)	3 (7.32%)	Mar-12, Apr-23	41	B.3	40	0.0262
UK233	0 (0%)	41 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-21	41	B.1.1	12	0.0896
UK128	0 (0%)	40 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-27	40	B.1.1	6	0.2308
UK82	0 (0%)	1 (2.5%)	0 (0%)	39 (97.5%)	Mar-25, May-13	40	B.1.1, B.1.1.p11	20	0.0628
UK131	0 (0%)	34 (87.18%)	5 (12.82%)	0 (0%)	Mar-11, Apr-14	39	B, B.15	49	0.0183
UK23	0 (0%)	37 (97.37%)	0 (0%)	1 (2.63%)	Mar-12, May-02	38	B, B.9	31	0.0445
UK179	0 (0%)	14 (36.84%)	24 (63.16%)	0 (0%)	Mar-17, May-07	38	B.1.1.p11	26	0.053
UK3019	0 (0%)	33 (89.19%)	0 (0%)	4 (10.81%)	Mar-06, May-07	37	B.1	26	0.0662
UK31	0 (0%)	37 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-06	37	B.1	27	0.0473
UK64	0 (0%)	25 (67.57%)	12 (32.43%)	0 (0%)	Mar-12, May-05	37	B.1	28	0.0536
UK346	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-19	36	B.1, B.1.72	44	0.0221
UK147	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Apr-04, May-26	36	B.1.1	7	0.2122
UK190	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-01, Apr-19	36	B.1	44	0.0318

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK12	1 (2.78%)	35 (97.22%)	0 (0%)	0 (0%)	Mar-12, May-07	36	B.1.p11	26	0.0615
UK276	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-18, May-01	36	B.1.1	32	0.0393
UK18	0 (0%)	35 (100.0%)	0 (0%)	0 (0%)	Mar-11, May-27	35	B.1.1.7	6	0.3775
UK283	0 (0%)	35 (100.0%)	0 (0%)	0 (0%)	Mar-25, May-04	35	B.1.1	29	0.0406
UK3035	0 (0%)	35 (100.0%)	0 (0%)	0 (0%)	Mar-24, May-18	35	B.1	15	0.1078
UK5660	0 (0%)	33 (97.06%)	0 (0%)	1 (2.94%)	Mar-13, May-10	34	B.1.1, B.2	23	0.0764
UK138	0 (0%)	33 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-26	33	B.2.1	37	0.0287
UK173	0 (0%)	32 (100.0%)	0 (0%)	0 (0%)	Mar-16, May-19	32	B	14	0.1475
UK119	0 (0%)	24 (75.0%)	7 (21.88%)	1 (3.12%)	Mar-11, Apr-16	32	B.2.5	47	0.0247
UK95	0 (0%)	30 (96.77%)	0 (0%)	1 (3.23%)	Mar-10, May-07	31	B.2.1	26	0.0744
UK167	0 (0%)	31 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-21	31	B.1.66, B.1	12	0.1472
UK79	0 (0%)	30 (100.0%)	0 (0%)	0 (0%)	Mar-24, May-05	30	B.1	28	0.0517
UK5675	1 (3.45%)	25 (86.21%)	2 (6.9%)	1 (3.45%)	Mar-03, May-06	29	B.1.1, B.2	27	0.0847
UK43	0 (0%)	1 (3.45%)	0 (0%)	28 (96.55%)	Mar-12, Apr-26	29	A.5	37	0.0434

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK635	0 (0%)	5 (17.24%)	24 (82.76%)	0 (0%)	Apr-05, May-25	29	B.1.1	8	0.2232
UK394	0 (0%)	6 (20.69%)	23 (79.31%)	0 (0%)	Mar-17, May-24	29	B.1.1	9	0.2698
UK5741	0 (0%)	27 (93.1%)	2 (6.9%)	0 (0%)	Mar-01, Apr-19	29	B.1, B.2	44	0.0398
UK633	0 (0%)	0 (0%)	29 (100.0%)	0 (0%)	Apr-03, May-11	29	B.1.1.16, B.1.1.p16	22	0.0617
UK298	0 (0%)	0 (0%)	29 (100.0%)	0 (0%)	Mar-27, May-15	29	B.1.1	18	0.0972
UK116	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Feb-25, Apr-01	28	B.2.1	62	0.0215
UK113	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Mar-22, May-30	28	B.1.1	3	0.8519
UK241	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-16	28	B.1.5.3	47	0.0197
UK14	0 (0%)	2 (7.14%)	0 (0%)	26 (92.86%)	Mar-12, Apr-27	28	B	36	0.0473
UK248	0 (0%)	24 (88.89%)	3 (11.11%)	0 (0%)	Apr-08, May-16	27	B.1.1	17	0.086
UK304	0 (0%)	0 (0%)	0 (0%)	27 (100.0%)	Apr-16, May-26	27	B.1.1.14	7	0.2198
UK300	0 (0%)	27 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-04	27	B.1.1	29	0.0491
UK351	0 (0%)	27 (100.0%)	0 (0%)	0 (0%)	Apr-13, May-21	27	B.1.1, B.1.1.10	12	0.1218
UK5649	0 (0%)	23 (88.46%)	2 (7.69%)	1 (3.85%)	Mar-15, May-11	26	B.1.1, B.2.6	22	0.1036

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK183	0 (0%)	26 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-23	26	B.1.1	40	0.025
UK109	0 (0%)	23 (88.46%)	1 (3.85%)	2 (7.69%)	Mar-21, May-01	26	B.1.5	32	0.0512
UK5668	0 (0%)	1 (3.85%)	0 (0%)	25 (96.15%)	Mar-13, May-09	26	B.1.1, B.2	24	0.095
UK5549	2 (7.69%)	22 (84.62%)	1 (3.85%)	1 (3.85%)	Mar-04, May-18	26	B.2.2	15	0.2
UK565	0 (0%)	26 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-13	26	B.1.1	20	0.086
UK144	0 (0%)	26 (100.0%)	0 (0%)	0 (0%)	Mar-05, Apr-07	26	B.2.1	56	0.0236
UK81	0 (0%)	24 (96.0%)	0 (0%)	1 (4.0%)	Mar-19, Apr-27	25	B.1.1	36	0.0451
UK33	0 (0%)	25 (100.0%)	0 (0%)	0 (0%)	Mar-30, May-12	25	B.1.1	21	0.0853
UK57	0 (0%)	25 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-28	25	B.1.1	35	0.0274
UK296	0 (0%)	0 (0%)	0 (0%)	25 (100.0%)	Apr-08, May-13	25	B.1.5	20	0.0729
UK235	0 (0%)	25 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-04	25	B.1.1	29	0.0632
UK5561	1 (4.0%)	4 (16.0%)	16 (64.0%)	4 (16.0%)	Mar-20, May-15	25	B.2.2	18	0.1296
UK114	0 (0%)	25 (100.0%)	0 (0%)	0 (0%)	Mar-16, May-25	25	B.1.1	8	0.3646
UK193	0 (0%)	8 (33.33%)	16 (66.67%)	0 (0%)	Apr-01, May-13	24	B.1.1	20	0.0913

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK92	0 (0%)	23 (95.83%)	0 (0%)	1 (4.17%)	Mar-23, Apr-30	24	B.1.1	33	0.0501
UK101	0 (0%)	23 (95.83%)	0 (0%)	1 (4.17%)	Mar-21, Apr-27	24	B.1.5	36	0.0447
UK21	0 (0%)	0 (0%)	0 (0%)	24 (100.0%)	Mar-18, May-23	24	B.1.40	10	0.287
UK103	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Mar-20, May-27	24	B.1.1	6	0.4928
UK326	0 (0%)	23 (100.0%)	0 (0%)	0 (0%)	Mar-22, May-22	23	B.1.1.10	11	0.2521
UK473	0 (0%)	0 (0%)	23 (100.0%)	0 (0%)	Apr-02, Apr-29	23	B.1.1	34	0.0361
UK156	0 (0%)	0 (0%)	9 (39.13%)	14 (60.87%)	Mar-18, Apr-30	23	B.1.71	33	0.0592
UK30	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-15, May-15	22	B.1.1	18	0.1614
UK24	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-18, May-04	22	B.1.1, B.1.1.10	29	0.0772
UK279	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-25	22	B.1.1	38	0.0376
UK174	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Mar-19, May-22	21	B.1.5	11	0.2909
UK384	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	21	B.2.1	61	0.0156
UK722	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Mar-23, May-18	21	B.1.1	15	0.1867
UK135	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Apr-01, May-14	21	B.1.p11	19	0.1132

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK307	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-04	20	B.1.1	29	0.0672
UK2912	0 (0%)	1 (5.0%)	0 (0%)	19 (95.0%)	Apr-06, May-13	20	B.1.p11	20	0.0974
UK293	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-28	20	B.1	35	0.0526
UK5309	0 (0%)	17 (85.0%)	3 (15.0%)	0 (0%)	Mar-20, Apr-29	20	B.1.1, B.1.1.10	34	0.0619
UK461	0 (0%)	1 (5.0%)	0 (0%)	19 (95.0%)	Apr-18, May-19	20	B.1.5	14	0.1165
UK2013	0 (0%)	19 (95.0%)	1 (5.0%)	0 (0%)	Mar-15, Apr-26	20	B.1	37	0.0597
UK41	0 (0%)	17 (85.0%)	3 (15.0%)	0 (0%)	Mar-01, Apr-24	20	B.1	39	0.0729
UK75	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-17, Apr-26	20	B.1, B.1.34	37	0.0569
UK291	0 (0%)	19 (95.0%)	1 (5.0%)	0 (0%)	Mar-13, Apr-05	20	B.2.1	58	0.0209
UK38	0 (0%)	10 (50.0%)	0 (0%)	10 (50.0%)	Mar-04, May-11	20	B.2.1	22	0.1627
UK219	0 (0%)	19 (95.0%)	0 (0%)	1 (5.0%)	Mar-26, May-02	20	B.1.1	31	0.0628
UK514	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	19	B.1.1	50	0.0156
UK87	0 (0%)	0 (0%)	0 (0%)	19 (100.0%)	Mar-17, Apr-24	19	B.1.70	39	0.0541
UK134	0 (0%)	15 (78.95%)	0 (0%)	4 (21.05%)	Mar-04, Apr-07	19	B.1	56	0.0337

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK419	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-30, May-02	19	B.1.1	31	0.0591
UK269	0 (0%)	12 (66.67%)	6 (33.33%)	0 (0%)	Mar-31, May-06	18	B.1.1	27	0.0784
UK888	1 (5.56%)	17 (94.44%)	0 (0%)	0 (0%)	Apr-05, May-04	18	B.1.1	29	0.0588
UK472	0 (0%)	0 (0%)	18 (100.0%)	0 (0%)	Apr-04, Apr-27	18	B.1.1, B.1.1.p11	36	0.0376
UK1764	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-19	18	B.3	44	0.0481
UK117	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Feb-28, Apr-04	18	B.2.1	59	0.0359
UK502	0 (0%)	0 (0%)	0 (0%)	18 (100.0%)	Mar-06, Mar-30	18	B.1.69	64	0.0221
UK5084	0 (0%)	16 (88.89%)	2 (11.11%)	0 (0%)	Mar-29, Apr-18	18	B.1	45	0.0261
UK47	0 (0%)	12 (66.67%)	5 (27.78%)	1 (5.56%)	Mar-17, May-18	18	B.1.1	15	0.2431
UK126	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-03	18	B.1.1	30	0.0686
UK45	0 (0%)	13 (72.22%)	3 (16.67%)	2 (11.11%)	Mar-02, Apr-16	18	B.1.1	47	0.0563
UK46	0 (0%)	16 (94.12%)	1 (5.88%)	0 (0%)	Mar-02, May-08	17	B.2.1	25	0.1675
UK143	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	17	B.2.1	47	0.0439
UK277	0 (0%)	2 (11.76%)	15 (88.24%)	0 (0%)	Mar-28, May-05	17	B.1.1	28	0.0848

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK558	0 (0%)	0 (0%)	0 (0%)	17 (100.0%)	Apr-24, May-22	17	B.1.5	11	0.1591
UK604	0 (0%)	12 (70.59%)	2 (11.76%)	3 (17.65%)	Mar-06, Mar-17	17	B.1.1	77	0.0089
UK5556	0 (0%)	0 (0%)	17 (100.0%)	0 (0%)	Mar-18, Apr-16	17	B.2.2	47	0.0386
UK403	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-15	17	B.1.1	48	0.0299
UK29	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-09, May-08	17	B.1.1	25	0.15
UK2045	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-17, May-09	17	B.1, B	24	0.138
UK5669	0 (0%)	1 (5.88%)	0 (0%)	16 (94.12%)	Mar-24, May-19	17	B.1.1, B.2	14	0.25
UK376	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Apr-04, May-08	17	B.1.1	25	0.085
UK58	0 (0%)	6 (35.29%)	0 (0%)	11 (64.71%)	Mar-12, Apr-24	17	B.1	39	0.0689
UK73	0 (0%)	0 (0%)	0 (0%)	17 (100.0%)	Apr-01, May-13	17	B.1.p11	20	0.1312
UK4442	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	May-10, May-24	17	B.1.1	9	0.0972
UK150	0 (0%)	0 (0%)	0 (0%)	16 (100.0%)	Mar-21, Apr-22	16	B.1.1.p12	41	0.052
UK322	0 (0%)	0 (0%)	16 (100.0%)	0 (0%)	Mar-29, Apr-26	16	B.1	37	0.0505
UK195	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-03	16	B.1.1	30	0.0778

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK1667	0 (0%)	3 (18.75%)	0 (0%)	13 (81.25%)	Mar-30, May-07	16	B.1.p9, B.1.9	26	0.0974
UK397	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-18	16	B.1.1, B.1.1.13	45	0.0311
UK5715	0 (0%)	15 (93.75%)	0 (0%)	1 (6.25%)	Feb-13, Apr-22	16	B.1.1, B.2	41	0.1122
UK249	0 (0%)	14 (87.5%)	2 (12.5%)	0 (0%)	Mar-31, Apr-25	16	B.1.1	38	0.0439
UK392	0 (0%)	0 (0%)	16 (100.0%)	0 (0%)	Mar-25, Apr-12	16	B.1.67	51	0.0235
UK67	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-25, May-21	16	B.1.1	12	0.3167
UK2918	0 (0%)	8 (53.33%)	7 (46.67%)	0 (0%)	Mar-02, Apr-27	15	B.1	36	0.1111
UK504	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Mar-30, May-12	15	B.1.1	21	0.1463
UK236	0 (0%)	14 (93.33%)	1 (6.67%)	0 (0%)	Mar-27, Apr-22	15	B.1.1	41	0.0453
UK295	10 (66.67%)	1 (6.67%)	1 (6.67%)	3 (20.0%)	Mar-11, Apr-22	15	B	41	0.0732
UK374	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	15	B.1.1	43	0.0316
UK264	0 (0%)	0 (0%)	0 (0%)	15 (100.0%)	Mar-29, Apr-22	15	B.1.p11	41	0.0418
UK161	0 (0%)	10 (66.67%)	5 (33.33%)	0 (0%)	Mar-10, May-25	15	B.1.1	8	0.6786
UK1849	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Apr-07, Apr-20	15	B.1.1	43	0.0216

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK354	1 (6.67%)	14 (93.33%)	0 (0%)	0 (0%)	Mar-18, Apr-11	15	B.1.1	52	0.033
UK146	0 (0%)	14 (93.33%)	0 (0%)	1 (6.67%)	Mar-24, May-07	15	B.1.1	26	0.1209
UK278	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-06	14	B.1.1	27	0.0741
UK303	0 (0%)	4 (28.57%)	10 (71.43%)	0 (0%)	Mar-23, Apr-14	14	B.1.1	49	0.0345
UK5713	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-14	14	B.1.1, B.2	49	0.0298
UK5180	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	14	B.1.1.7	39	0.0394
UK254	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-14	14	B.1.1	49	0.0392
UK370	0 (0%)	0 (0%)	0 (0%)	14 (100.0%)	Apr-06, Apr-27	14	B.1.1.10	36	0.0449
UK153	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	14	B.2	49	0.0502
UK569	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-23, May-12	14	B.1.1	21	0.1832
UK5214	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-20, May-04	14	B.1.1	29	0.1194
UK441	0 (0%)	11 (78.57%)	3 (21.43%)	0 (0%)	Apr-04, May-01	14	B.1.1	32	0.0649
UK253	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-03	14	B.1.1	30	0.0769
UK501	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-29	14	B.1, B	34	0.0588

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK202	0 (0%)	6 (42.86%)	7 (50.0%)	1 (7.14%)	Mar-10, May-05	14	B.1.1	28	0.1538
UK163	0 (0%)	11 (78.57%)	1 (7.14%)	2 (14.29%)	Mar-27, May-03	14	B.1.1	30	0.0949
UK726	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-30, May-04	14	B.1	29	0.0928
UK505	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-15	14	B.1.1, B.1.1.p11	18	0.235
UK186	0 (0%)	12 (92.31%)	1 (7.69%)	0 (0%)	Mar-27, May-15	13	B	18	0.2269
UK247	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Apr-04, May-27	13	B.1.1	6	0.7361
UK100	0 (0%)	0 (0%)	0 (0%)	13 (100.0%)	Apr-06, May-12	13	B.1.5	21	0.1429
UK5663	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Apr-11, May-02	13	B.1.1, B.2	31	0.0565
UK5685	0 (0%)	9 (69.23%)	2 (15.38%)	2 (15.38%)	Mar-17, May-03	13	B.1.1, B.2	30	0.1306
UK308	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Apr-09, May-18	13	B.1.1	15	0.2167
UK34	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Feb-15, Apr-02	13	B.4	61	0.0642
UK378	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	13	B.1.1	89	0.0178
UK132	0 (0%)	10 (76.92%)	1 (7.69%)	2 (15.38%)	Mar-27, Apr-30	13	B.1	33	0.0859
UK499	0 (0%)	0 (0%)	0 (0%)	13 (100.0%)	Apr-24, May-15	13	B.1.5	18	0.0972

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK329	0 (0%)	11 (84.62%)	0 (0%)	2 (15.38%)	Mar-20, May-09	13	B.1.1	24	0.1736
UK689	0 (0%)	12 (92.31%)	0 (0%)	1 (7.69%)	Mar-05, Apr-07	13	B.2, B.2.1	56	0.0491
UK637	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-01	13	B.1.1	32	0.0885
UK5260	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-02	13	B.1.1	31	0.0914
UK571	0 (0%)	0 (0%)	13 (100.0%)	0 (0%)	Apr-06, May-13	13	B.1.1	20	0.1542
UK603	0 (0%)	0 (0%)	13 (100.0%)	0 (0%)	Mar-29, Apr-09	13	B.1.1	54	0.017
UK203	0 (0%)	9 (69.23%)	4 (30.77%)	0 (0%)	Mar-31, May-17	13	B.1.1	16	0.2448
UK1539	0 (0%)	0 (0%)	0 (0%)	13 (100.0%)	May-09, May-25	13	B.1.5	8	0.1667
UK759	0 (0%)	11 (84.62%)	2 (15.38%)	0 (0%)	Mar-28, Apr-27	13	B.1.1	36	0.0694
UK71	0 (0%)	12 (92.31%)	1 (7.69%)	0 (0%)	Mar-08, Apr-30	13	B	33	0.1338
UK5498	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	13	B.2	43	0.0368
UK694	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	80	0.0091
UK211	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Mar-24, Apr-30	12	B.1.5	33	0.1019
UK148	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-02, May-13	12	B.1.1	20	0.1864

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK266	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-30	12	B.1	33	0.0661
UK251	0 (0%)	11 (91.67%)	1 (8.33%)	0 (0%)	Mar-17, May-02	12	B.1.1	31	0.1349
UK474	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-01, May-02	12	B.1.1	31	0.0909
UK5703	0 (0%)	11 (91.67%)	1 (8.33%)	0 (0%)	Mar-06, Apr-15	12	B.1.1, B.2	48	0.0758
UK111	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-25, May-18	12	B.1.1	15	0.3273
UK806	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-04, May-08	12	B.1.1.10	25	0.1236
UK137	0 (0%)	3 (25.0%)	3 (25.0%)	6 (50.0%)	Mar-04, Apr-11	12	B.1.1	52	0.0664
UK347	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	12	B.1	61	0.0298
UK180	0 (0%)	11 (91.67%)	1 (8.33%)	0 (0%)	Mar-30, May-01	12	B.1.1	32	0.0909
UK261	0 (0%)	0 (0%)	0 (0%)	12 (100.0%)	Mar-15, Apr-08	12	A.3	55	0.0397
UK436	0 (0%)	0 (0%)	1 (8.33%)	11 (91.67%)	Mar-30, May-14	12	B.1.5	19	0.2153
UK5505	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-01	12	B.1	32	0.0938
UK1018	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-20, Apr-21	11	B.1.1	42	0.0024
UK141	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-24	11	B.1.1	39	0.0846

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK268	0 (0%)	7 (63.64%)	4 (36.36%)	0 (0%)	Mar-23, Apr-16	11	B.1.1	47	0.0511
UK83	0 (0%)	8 (72.73%)	1 (9.09%)	2 (18.18%)	Feb-29, Apr-08	11	B.1.1	55	0.0709
UK70	2 (18.18%)	8 (72.73%)	1 (9.09%)	0 (0%)	Mar-06, Apr-16	11	B.2	47	0.0872
UK287	0 (0%)	8 (72.73%)	2 (18.18%)	1 (9.09%)	Mar-26, Apr-18	11	B.1	45	0.0511
UK5409	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-19	11	B.1.1	44	0.0523
UK54	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	11	B.1.1.10	33	0.1303
UK240	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	11	B.2	52	0.05
UK368	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-18, May-01	11	B.1	32	0.1375
UK415	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-19, May-06	11	B.1	27	0.063
UK5332	0 (0%)	5 (45.45%)	6 (54.55%)	0 (0%)	Mar-01, Apr-20	11	B.1.1	43	0.1163
UK15	0 (0%)	7 (63.64%)	4 (36.36%)	0 (0%)	Mar-06, May-06	11	B.1.1	27	0.2259
UK2906	0 (0%)	10 (90.91%)	1 (9.09%)	0 (0%)	Apr-02, May-22	11	B.1	11	0.4545
UK255	0 (0%)	10 (90.91%)	0 (0%)	1 (9.09%)	Mar-26, Apr-20	11	B.1.1	43	0.0581
UK471	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-26, Apr-24	11	B.1.1	39	0.0744

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK428	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	11	B.2, B.2.1	57	0.0298
UK511	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-05, May-06	11	B.1.1	27	0.1148
UK5339	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-15, Apr-29	11	B.1.1	34	0.0412
UK5707	2 (18.18%)	9 (81.82%)	0 (0%)	0 (0%)	Mar-18, Apr-16	11	B.1.1, B.2	47	0.0617
UK5681	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Apr-03, Apr-27	11	B.1.1, B.2	36	0.0667
UK3075	0 (0%)	1 (9.09%)	10 (90.91%)	0 (0%)	Apr-16, May-04	11	B.1.1	29	0.0621
UK562	0 (0%)	0 (0%)	0 (0%)	10 (100.0%)	Mar-27, Apr-25	10	B.1	38	0.0848
UK125	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-22, May-20	10	B.1.1	13	0.2393
UK5670	0 (0%)	2 (20.0%)	5 (50.0%)	3 (30.0%)	Mar-22, Apr-26	10	B.1.1, B.2	37	0.1051
UK123	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-23, May-01	10	B.1	32	0.1354
UK552	0 (0%)	5 (50.0%)	0 (0%)	5 (50.0%)	Mar-18, Apr-04	10	A.1	59	0.032
UK91	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-06	10	B.1.1	27	0.1605
UK414	0 (0%)	0 (0%)	0 (0%)	10 (100.0%)	Apr-05, Apr-22	10	B.1.5	41	0.0461
UK198	2 (20.0%)	0 (0%)	2 (20.0%)	6 (60.0%)	Mar-18, Apr-15	10	A, B.1.5	48	0.0648

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK78	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-14	10	B.1.5	19	0.269
UK5557	0 (0%)	8 (80.0%)	2 (20.0%)	0 (0%)	Mar-11, May-13	10	B.2.2	20	0.35
UK297	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-09, May-26	10	B.1.p11	7	0.746
UK541	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-01, May-20	10	B.1.1	13	0.4188
UK462	0 (0%)	3 (30.0%)	7 (70.0%)	0 (0%)	Apr-01, May-11	10	B.1	22	0.202
UK5543	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-10, Apr-29	10	B.2.1	34	0.1634
UK22	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-02, Apr-21	10	B	42	0.1323
UK687	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Feb-28, Mar-08	10	B.2, B.2.1	86	0.0116
UK2904	8 (80.0%)	1 (10.0%)	1 (10.0%)	0 (0%)	Apr-06, Apr-22	10	B.1, B.1.p11	41	0.0434
UK201	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-13	10	B.1	20	0.25
UK171	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	10	B.2, B.2.1	50	0.0689
UK5423	0 (0%)	9 (90.0%)	1 (10.0%)	0 (0%)	Apr-06, May-04	10	B.1.1	29	0.1073
UK242	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-20	10	B.1.5	43	0.0646
UK306	0 (0%)	8 (88.89%)	0 (0%)	1 (11.11%)	Mar-26, Apr-10	9	B.1.1	53	0.0354

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK244	0 (0%)	8 (88.89%)	1 (11.11%)	0 (0%)	Mar-12, Apr-30	9	B.1.1	33	0.1856
UK312	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-23	9	B.1.1	71	0.0387
UK432	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-09	9	B.3	54	0.037
UK564	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-02	9	B.1.1	31	0.1169
UK5338	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-29, May-02	9	B.1.1	31	0.0121
UK750	0 (0%)	0 (0%)	9 (100.0%)	0 (0%)	Apr-07, Apr-15	9	B.1	48	0.0208
UK913	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-04	9	B.1	29	0.1336
UK1548	0 (0%)	0 (0%)	0 (0%)	9 (100.0%)	Apr-13, Apr-24	9	B.1.5.5, B.1.5	39	0.0353
UK237	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-16	9	B.1.1	17	0.3382
UK168	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-16	9	B.2.1	47	0.0824
UK5308	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-29, May-01	9	B.1.1	32	0.0078
UK434	0 (0%)	0 (0%)	0 (0%)	9 (100.0%)	Apr-20, May-07	9	B.1.5	26	0.0817
UK49	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-19, Jun-02	9	B.2.1	0	active today
UK645	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-08	9	B.2.1	55	0.0227

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK178	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-13	9	B.1.1	50	0.075
UK699	0 (0%)	0 (0%)	0 (0%)	9 (100.0%)	Mar-23, Apr-24	9	B.1.5	39	0.1026
UK188	0 (0%)	6 (66.67%)	0 (0%)	3 (33.33%)	Mar-07, Apr-08	9	B.1	55	0.0727
UK80	0 (0%)	3 (33.33%)	6 (66.67%)	0 (0%)	Mar-09, Apr-27	9	B.1.1.p15	36	0.1701
UK802	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	9	B.1	41	0.0976
UK761	0 (0%)	0 (0%)	9 (100.0%)	0 (0%)	Apr-12, May-10	9	B.1.1	23	0.1522
UK311	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-11	9	B.1.1	52	0.0529
UK133	0 (0%)	2 (22.22%)	0 (0%)	7 (77.78%)	Mar-22, Apr-25	9	B.1	38	0.1118
UK5307	0 (0%)	8 (88.89%)	1 (11.11%)	0 (0%)	Mar-08, May-12	9	B.1.1	21	0.3869
UK444	3 (37.5%)	5 (62.5%)	0 (0%)	0 (0%)	Mar-31, Apr-21	8	B.1.1	42	0.0714
UK181	0 (0%)	5 (62.5%)	3 (37.5%)	0 (0%)	Mar-28, Apr-27	8	B.1.1	36	0.119
UK341	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	8	B.1	51	0.056
UK367	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Mar-25, Apr-27	8	B.1	36	0.131
UK5682	0 (0%)	1 (12.5%)	7 (87.5%)	0 (0%)	Apr-08, May-06	8	B.1.1, B.2	27	0.1481

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK532	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-17	8	B.1.1	46	0.0404
UK762	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Apr-11, May-04	8	B.1.1	29	0.1133
UK5261	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Mar-29, May-01	8	B.1.1	32	0.1473
UK801	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Apr-05, May-05	8	B.1	28	0.1531
UK285	0 (0%)	5 (62.5%)	0 (0%)	3 (37.5%)	Mar-30, Apr-22	8	B.1.1, B.1.1.p12	41	0.0801
UK733	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-10, Apr-22	8	B.2.1	41	0.1498
UK788	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Feb-28, Mar-05	8	B.4	89	0.0096
UK1013	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-15, Apr-16	8	B.1.1	47	0.003
UK874	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Mar-26, Apr-24	8	B.1	39	0.1062
UK5708	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Mar-30, May-01	8	B.1.1, B.2	32	0.1429
UK252	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	8	B.1.1	34	0.105
UK157	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-22, Jun-02	8	B.1	0	active today
UK292	0 (0%)	5 (62.5%)	3 (37.5%)	0 (0%)	Mar-21, May-01	8	B.2.1, B.2	32	0.183
UK271	0 (0%)	1 (12.5%)	0 (0%)	7 (87.5%)	Apr-02, Apr-26	8	B.1	37	0.0927

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK574	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-29	8	B.1.1	34	0.1261
UK739	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	8	B.4	86	0.0116
UK696	0 (0%)	1 (12.5%)	7 (87.5%)	0 (0%)	Apr-08, May-01	8	B.1, B.1.5	32	0.1027
UK318	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-10	8	B	53	0.0566
UK3875	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-12	8	B.1.1	21	0.2313
UK480	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-02, May-27	8	B.1.1	6	1.3095
UK554	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-23, May-06	8	B.1.5	27	0.0688
UK534	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Apr-13, May-13	8	B.1.1	20	0.2143
UK142	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-15, Apr-01	8	B.2.1	62	0.0392
UK5563	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-11, Apr-22	8	B.2.2	41	0.0383
UK335	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-15	8	B.2.1	48	0.0625
UK350	0 (0%)	2 (25.0%)	6 (75.0%)	0 (0%)	Mar-31, Apr-20	8	B.1.1	43	0.0664
UK93	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Mar-21, May-06	8	B.1.1	27	0.2434
UK129	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Mar-23, Apr-29	8	B.1.1	34	0.1555

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK223	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-10, Apr-06	8	B.2.1	57	0.0677
UK572	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Apr-07, May-01	8	B.1.1	32	0.1071
UK756	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Feb-27, Mar-05	8	B.1.1	89	0.0112
UK220	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-11	8	B.1.1	52	0.0412
UK5174	1 (12.5%)	7 (87.5%)	0 (0%)	0 (0%)	Mar-26, Apr-07	8	B.1.1.7	56	0.0306
UK69	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Mar-04, Apr-14	8	B.2.1	49	0.1195
UK487	0 (0%)	7 (87.5%)	1 (12.5%)	0 (0%)	Mar-24, Apr-08	8	B.1.1	55	0.039
UK5178	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-17	8	B.1.1.7	46	0.0839
UK65	0 (0%)	7 (87.5%)	0 (0%)	1 (12.5%)	Mar-07, Apr-17	8	B.1.1	46	0.1273
UK282	0 (0%)	1 (12.5%)	0 (0%)	7 (87.5%)	Mar-23, Apr-22	8	B.1.1	41	0.1045
UK232	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	7	B.1.1	64	0.0677
UK634	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-18	7	B.1.1	45	0.0704
UK537	0 (0%)	1 (14.29%)	6 (85.71%)	0 (0%)	Mar-27, May-17	7	B.1.1	16	0.5312
UK3673	0 (0%)	2 (28.57%)	5 (71.43%)	0 (0%)	Mar-27, Apr-13	7	B.1.1	50	0.0567

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK647	0 (0%)	6 (85.71%)	0 (0%)	1 (14.29%)	Mar-17, Mar-27	7	B.2, B.2.1	67	0.0249
UK182	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-02	7	B.1.1	31	0.1559
UK280	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-06	7	B.1.1	27	0.2222
UK5300	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-17, May-06	7	B.1.1	27	0.1173
UK352	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-11, May-03	7	B.1.1	30	0.1222
UK289	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-16	7	B.2.1	47	0.078
UK317	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-16	7	B.3	47	0.0745
UK563	0 (0%)	4 (57.14%)	0 (0%)	3 (42.86%)	Mar-20, May-12	7	B.1	21	0.4206
UK5177	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-11	7	B.1.1.7	52	0.0481
UK390	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-27, May-01	7	B.1.5	32	0.1823
UK4399	0 (0%)	6 (85.71%)	0 (0%)	1 (14.29%)	Mar-08, Apr-16	7	B.1.1	47	0.1383
UK5640	0 (0%)	3 (42.86%)	0 (0%)	4 (57.14%)	Apr-11, May-09	7	B.1.1, B.2	24	0.1944
UK510	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-16	7	B.1.1	47	0.0496
UK560	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Apr-15, Apr-27	7	B.1.5	36	0.0556

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5667	0 (0%)	3 (42.86%)	4 (57.14%)	0 (0%)	Mar-27, May-14	7	B.1.1, B.2	19	0.4211
UK5666	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-13, May-10	7	B.1.1, B.2	23	0.4203
UK5523	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	May-01, May-23	7	B.1	10	0.3667
UK692	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-04, Apr-03	7	B, B.2.1, B.2	60	0.0833
UK612	0 (0%)	1 (14.29%)	6 (85.71%)	0 (0%)	Mar-31, Apr-11	7	B.2.1	52	0.0353
UK1006	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	7	B.1.1	34	0.1225
UK418	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-03, Apr-20	7	B.1.1.10	43	0.0659
UK629	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-13	7	B.1	50	0.07
UK206	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	7	B.2.1	44	0.1061
UK451	0 (0%)	0 (0%)	6 (85.71%)	1 (14.29%)	Mar-20, Apr-05	7	B.2.1	58	0.046
UK540	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-09, Apr-22	7	B.1.1, B.1.1.p15	41	0.0528
UK2258	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-23, May-07	7	B.1	26	0.2885
UK682	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-21, Mar-31	7	B.2, B.2.1	63	0.0265
UK309	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-01, May-17	7	B.1.1	16	0.4792

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK670	0 (0%)	6 (85.71%)	0 (0%)	1 (14.29%)	Mar-28, May-07	7	B.1.1	26	0.2564
UK323	0 (0%)	2 (28.57%)	0 (0%)	5 (71.43%)	Mar-31, Apr-21	7	B.1	42	0.0833
UK3323	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-28	7	B.1.1	35	0.1571
UK536	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-27, Apr-09	7	B.1.1	54	0.0401
UK372	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-16, May-13	7	B.1.1	20	0.225
UK439	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-02, Apr-20	7	B.1.1	43	0.0698
UK213	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-17	7	B.1.1	46	0.1087
UK3126	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-06, May-04	6	B.1.1	29	0.1931
UK5780	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-14, Mar-29	6	B.2.1, B.2	65	0.0462
UK512	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1.1	50	0.056
UK491	0 (0%)	5 (83.33%)	0 (0%)	1 (16.67%)	Mar-23, Apr-02	6	B.2.1	61	0.0328
UK5297	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-04	6	B.1.1	59	0.0169
UK5903	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-18	6	B.2	45	0.1067
UK102	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-10, Apr-16	6	B.1	47	0.1574

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK27	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-08, Apr-26	6	B.1.1	37	0.2649
UK3432	0 (0%)	1 (16.67%)	0 (0%)	5 (83.33%)	Apr-07, May-10	6	B.1.1	23	0.287
UK5699	0 (0%)	1 (16.67%)	0 (0%)	5 (83.33%)	Mar-24, May-02	6	B.1.1, B.2	31	0.2516
UK358	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-31, Apr-09	6	B.2.1	54	0.0333
UK5570	0 (0%)	5 (83.33%)	0 (0%)	1 (16.67%)	Mar-05, Apr-17	6	B.2.2	46	0.187
UK2911	0 (0%)	1 (16.67%)	0 (0%)	5 (83.33%)	Mar-31, May-02	6	B.1.p11	31	0.2065
UK313	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-14	6	B.1.1	49	0.0898
UK284	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-25	6	B.1.1	38	0.1211
UK857	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Mar-29	6	B.2.1	65	0.0154
UK331	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-01	6	B.1.1	32	0.1938
UK447	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	6	B.1.1	42	0.0762
UK68	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-30	6	B.1.1	33	0.2485
UK488	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	6	B.1	48	0.0625
UK755	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-06, May-21	6	B.1.1	12	1.2667

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK799	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	87	0.0138
UK793	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-21	6	B.1, B.1.5	12	0.7167
UK5788	0 (0%)	5 (83.33%)	0 (0%)	1 (16.67%)	Mar-13, Mar-23	6	B.2.1, B.2	71	0.0282
UK746	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-14	6	B.1.5	49	0.0571
UK654	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Feb-27, Mar-08	6	B.2.5	86	0.0233
UK706	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Mar-26, Apr-11	6	B.1.1	52	0.0615
UK659	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B	64	0.0281
UK443	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-14	6	B.1.1	19	0.4632
UK5486	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	May-01, May-28	6	B.2	5	1.08
UK5650	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-08, May-22	6	B.1.1, B.2.6	11	1.3636
UK489	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-07	6	B.2.1	56	0.0536
UK5648	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-08, May-19	6	B.1.1, B.2	14	1.0286
UK520	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-14, Mar-28	6	B.2.1, B.2	66	0.0424
UK870	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Mar-18, Mar-25	6	B.1.5	69	0.0203

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK517	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-12	6	B.1.1	51	0.0549
UK530	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-31, Apr-08	6	B.1.1	55	0.0291
UK1244	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	May-01, May-11	6	B.1.1	22	0.0909
UK1344	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-20, May-08	6	B	25	0.144
UK4297	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Mar-26, May-08	6	B.1.1	25	0.344
UK464	0 (0%)	4 (66.67%)	2 (33.33%)	0 (0%)	Mar-25, Apr-19	6	B.1	44	0.1136
UK185	1 (16.67%)	4 (66.67%)	0 (0%)	1 (16.67%)	Mar-10, May-15	6	B.3	18	0.7333
UK673	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-18	6	B.1.1	15	0.68
UK196	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-17	6	B.2.1	46	0.1304
UK413	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-06, Apr-03	6	B	60	0.0933
UK263	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-13	6	B.1.p11	50	0.096
UK555	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-13, Apr-25	6	B.1.5	38	0.0632
UK570	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-17	6	B.1.1	46	0.0522
UK330	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-13	6	B.1.1	50	0.084

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK435	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-23	6	B.1.5	40	0.1
UK5581	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-11, Apr-08	6	B.2.2	55	0.1018
UK5671	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-31, May-09	6	B.1.1, B.2	24	0.325
UK680	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-14	6	B.1	49	0.0367
UK110	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-29	6	B.1	34	0.2118
UK433	0 (0%)	3 (50.0%)	0 (0%)	3 (50.0%)	Mar-22, Apr-07	6	B	56	0.0571
UK566	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-15	6	B.1.1.10	48	0.05
UK1023	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-07, Apr-16	6	B.1.1	47	0.0383
UK4237	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-15, Apr-15	6	B.1.1	48	0.0
UK16	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-16, May-06	6	B.1.1	27	0.1481
UK542	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-14	6	B.1	49	0.0531
UK2891	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-27, May-06	6	B.1.1	27	0.2963
UK440	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-13	6	B.1.1.10	50	0.064
UK5700	0 (0%)	5 (83.33%)	0 (0%)	1 (16.67%)	Mar-20, May-21	6	B.1.1, B.2	12	1.0333

Lineage name	Northern Ireland	England	Wales	Scotland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5743	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-06	6	B.1, B.2	57	0.0561
UK481	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-14	6	B.1.1	49	0.0612
UK544	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-06	6	B.2.1	57	0.0456
UK5208	0 (0%)	5 (83.33%)	1 (16.67%)	0 (0%)	Mar-31, May-14	6	B.1.1	19	0.4632

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	CAMB	6
2	EDIN	10
3	PORT	11
4	SANG	11
5	BIRM	12
6	SHEF	14
7	NORW	15
8	PHEC	17
9	PHWC	19
10	LIVE	21
11	LOND	22
12	NORT	22
13	GLAS	23
14	EXET	23
15	OXON	52
16	NIRE	66

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

Week commencing	UK5	UK2464	UK61	UK36	UK2916	UK5098	UK158	UK632	UK9	UK19
2020-02-02	0	0	0	0	2	0	0	0	0	0
2020-02-09	0	0	0	0	1	0	0	0	0	0
2020-02-23	0	0	0	0	10	0	0	0	0	0
2020-03-01	3	0	0	0	16	0	0	0	0	0
2020-03-08	15	3	2	0	8	0	0	0	2	2
2020-03-15	15	12	2	4	10	3	1	0	4	3
2020-03-22	26	24	9	10	16	7	5	7	7	7
2020-03-29	37	27	15	15	14	4	15	16	13	13
2020-04-05	40	27	21	12	19	4	17	15	10	14
2020-04-12	37	18	13	16	16	5	10	10	9	11
2020-04-19	31	19	4	16	9	10	6	7	1	8
2020-04-26	36	14	6	9	10	7	11	11	2	8
2020-05-03	20	9	2	6	3	4	3	5	1	5
2020-05-10	13	5	5	7	2	3	5	6	1	3
2020-05-17	14	1	0	1	0	0	1	1	0	0
2020-05-24	6	1	0	0	0	0	0	1	0	0
2020-05-31	1	0	0	0	0	0	0	1	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	1.66746	0	0	0
2020-02-09	2.07944	0	0	0
2020-02-16	1.94591	0	0	0
2020-02-23	3.50848	-0	-0	0
2020-03-01	5.01408	1.60944	2.88924	0
2020-03-08	5.94062	1.90029	4.15437	2.36938
2020-03-15	5.98205	2.13478	4.26153	2.28424
2020-03-22	6.35058	3.32168	4.4781	3.56169
2020-03-29	6.40142	4.89376	4.41593	2.68199
2020-04-05	6.17167	4.81595	4.1716	2.75624
2020-04-12	5.74843	4.33732	3.93543	1.70581
2020-04-19	5.00521	3.99639	3.93917	1.99019
2020-04-26	5.04672	3.78135	3.91741	0
2020-05-03	4.51001	3.39064	3.3851	0
2020-05-10	4.01401	3.15007	3.13504	0
2020-05-17	3.38638	1.09861	2.94776	0
2020-05-24	2.78028	0	0.950271	0
2020-05-31	1.53965	0	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
2020-01-27	1	0	1
2020-02-03	2	1	3
2020-02-05	1	0	1
2020-02-08	2	0	2
2020-02-09	1	1	2
2020-02-13	1	1	2
2020-02-14	0	1	1
2020-02-15	0	2	2
2020-02-16	2	1	3
2020-02-18	1	0	1
2020-02-19	1	0	1
2020-02-20	1	0	1
2020-02-23	1	1	2
2020-02-24	2	1	3
2020-02-25	3	4	7
2020-02-26	4	2	6
2020-02-27	7	2	9
2020-02-28	5	6	11
2020-02-29	9	1	10
2020-03-01	14	11	25
2020-03-02	36	10	46
2020-03-03	31	14	45
2020-03-04	35	17	52
2020-03-05	38	12	50
2020-03-06	34	23	57
2020-03-07	22	6	28
2020-03-08	24	12	36
2020-03-09	37	17	54
2020-03-10	43	28	71
2020-03-11	74	36	110
2020-03-12	104	41	145
2020-03-13	45	31	76
2020-03-14	41	25	66
2020-03-15	29	18	47
2020-03-16	32	19	51
2020-03-17	46	33	79
2020-03-18	70	50	120
2020-03-19	61	32	93
2020-03-20	73	44	117
2020-03-21	79	38	117
2020-03-22	77	28	105
2020-03-23	133	52	185
2020-03-24	140	34	174
2020-03-25	134	40	174
2020-03-26	115	51	166
2020-03-27	122	48	170
2020-03-28	114	39	153
2020-03-29	112	44	156
2020-03-30	175	60	235
2020-03-31	163	62	225
2020-04-01	165	39	204
2020-04-02	150	46	196
2020-04-03	146	38	184
2020-04-04	134	39	173
2020-04-05	121	24	145
2020-04-06	169	28	197
2020-04-07	152	27	179

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-04-08	98	29	127
2020-04-09	75	14	89
2020-04-10	97	12	109
2020-04-11	64	15	79
2020-04-12	62	11	73
2020-04-13	57	13	70
2020-04-14	70	18	88
2020-04-15	68	17	85
2020-04-16	58	14	72
2020-04-17	55	10	65
2020-04-18	26	7	33
2020-04-19	32	5	37
2020-04-20	36	8	44
2020-04-21	34	1	35
2020-04-22	15	9	24
2020-04-23	16	3	19
2020-04-24	21	5	26
2020-04-25	11	3	14
2020-04-26	12	2	14
2020-04-27	19	6	25
2020-04-28	15	2	17
2020-04-29	21	5	26
2020-04-30	17	4	21
2020-05-01	30	7	37
2020-05-02	9	2	11
2020-05-03	7	2	9
2020-05-04	17	2	19
2020-05-05	11	1	12
2020-05-06	11	1	12
2020-05-07	5	2	7
2020-05-08	7	0	7
2020-05-09	2	1	3
2020-05-10	6	1	7
2020-05-11	8	2	10
2020-05-12	1	0	1
2020-05-13	1	2	3
2020-05-14	3	2	5
2020-05-15	1	0	1
2020-05-17	5	0	5
2020-05-18	3	0	3
2020-05-19	2	0	2
2020-05-20	1	0	1
2020-05-21	3	0	3
2020-05-22	1	0	1
2020-05-23	2	0	2
2020-05-24	1	0	1

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

Day	England	Scotland	Wales	Northern Ireland
2020-01-27	0	0	1	0
2020-02-03	5	0	0	0
2020-02-05	1	0	0	0
2020-02-08	2	0	0	0
2020-02-09	2	0	0	0
2020-02-13	2	0	0	0
2020-02-14	2	0	0	0
2020-02-15	2	0	0	0
2020-02-16	4	0	0	0
2020-02-18	1	0	0	0
2020-02-19	1	0	0	0
2020-02-20	1	0	0	0
2020-02-23	2	0	0	0
2020-02-24	4	0	0	0
2020-02-25	7	0	0	0
2020-02-26	6	0	0	0
2020-02-27	19	0	1	0
2020-02-28	24	1	0	0
2020-02-29	22	0	0	0
2020-03-01	51	1	2	0
2020-03-02	72	1	0	0
2020-03-03	91	2	0	0
2020-03-04	102	5	1	0
2020-03-05	81	3	0	0
2020-03-06	74	7	0	0
2020-03-07	43	5	2	0
2020-03-08	50	1	1	0
2020-03-09	71	11	1	0
2020-03-10	89	5	5	2
2020-03-11	145	11	10	3
2020-03-12	179	32	7	0
2020-03-13	102	42	8	1
2020-03-14	83	13	10	6
2020-03-15	64	8	15	0
2020-03-16	79	14	22	5
2020-03-17	118	31	32	7
2020-03-18	184	24	25	6
2020-03-19	142	28	30	3
2020-03-20	194	32	12	6
2020-03-21	203	35	0	13
2020-03-22	193	32	0	8
2020-03-23	332	84	1	29
2020-03-24	285	87	22	23
2020-03-25	276	71	94	16
2020-03-26	299	91	18	27
2020-03-27	292	87	29	7
2020-03-28	299	38	17	12
2020-03-29	339	46	22	10
2020-03-30	482	59	75	6
2020-03-31	441	74	143	8
2020-04-01	401	71	134	0
2020-04-02	414	48	99	1
2020-04-03	416	55	112	0
2020-04-04	336	45	137	1
2020-04-05	346	50	65	0
2020-04-06	428	70	167	13
2020-04-07	396	70	184	0

Day	England	Scotland	Wales	Northern Ireland
2020-04-08	344	41	122	0
2020-04-09	293	20	79	0
2020-04-10	303	18	119	11
2020-04-11	256	38	69	8
2020-04-12	206	48	86	7
2020-04-13	239	53	76	5
2020-04-14	309	50	120	0
2020-04-15	302	44	79	8
2020-04-16	286	48	71	0
2020-04-17	219	19	46	0
2020-04-18	137	37	38	0
2020-04-19	155	30	26	1
2020-04-20	153	45	64	2
2020-04-21	113	62	27	12
2020-04-22	122	78	9	14
2020-04-23	86	68	17	0
2020-04-24	49	89	53	0
2020-04-25	50	66	26	0
2020-04-26	80	49	13	0
2020-04-27	125	53	63	0
2020-04-28	102	31	46	0
2020-04-29	190	17	28	0
2020-04-30	170	23	35	0
2020-05-01	205	23	35	0
2020-05-02	106	13	31	0
2020-05-03	68	16	18	0
2020-05-04	115	8	40	0
2020-05-05	75	16	25	0
2020-05-06	86	30	17	0
2020-05-07	87	31	30	0
2020-05-08	44	22	9	0
2020-05-09	43	13	9	0
2020-05-10	41	17	15	0
2020-05-11	82	13	41	0
2020-05-12	56	14	34	0
2020-05-13	49	10	40	0
2020-05-14	31	1	21	0
2020-05-15	22	7	20	0
2020-05-16	15	1	4	0
2020-05-17	14	7	3	0
2020-05-18	44	3	0	0
2020-05-19	42	8	0	0
2020-05-20	28	8	0	0
2020-05-21	32	4	0	0
2020-05-22	26	2	0	0
2020-05-23	11	4	0	0
2020-05-24	9	2	0	0
2020-05-25	13	2	0	0
2020-05-26	11	1	0	0
2020-05-27	9	0	0	0
2020-05-28	11	0	0	0
2020-05-29	4	0	0	0
2020-05-30	5	0	0	0
2020-05-31	4	0	0	0
2020-06-01	3	0	0	0
2020-06-02	5	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	22	10-50
ABERDEENSHIRE	Scotland	5	1-10
ANGLESEY	Wales	36	10-50
ANGUS	Scotland	13	10-50
ANTRIM	Northern Ireland	142	100-150
ARGYLL AND BUTE	Scotland	2	1-10
ARMAGH	Northern Ireland	12	10-50
BATH AND NORTH EAST SOMERSET	England	0	0
BEDFORDSHIRE	England	418	400-500
BERKSHIRE	England	8	1-10
BLACKBURN WITH DARWEN	England	0	0
BLACKPOOL	England	0	0
BLAENAU GWENT	Wales	52	50-100
BOLTON	England	0	0
BOURNEMOUTH	England	0	0
BRIDGEND	Wales	104	100-150
BRIGHTON AND HOVE	England	0	0
BRISTOL	England	18	10-50
BUCKINGHAMSHIRE	England	349	300-400
BURY	England	0	0
CAERPHILLY	Wales	121	100-150
CAMBRIDGESHIRE	England	668	>500
CARDIFF	Wales	430	400-500
CARMARTHENSHIRE	Wales	114	100-150
CENTRAL BEDFORDSHIRE	England	0	0
CEREDIGION	Wales	16	10-50
CHESHIRE	England	12	10-50
CLACKMANNANSHIRE	Scotland	2	1-10
CONWY	Wales	88	50-100
CORNWALL	England	20	10-50
CUMBRIA	England	32	10-50
DARLINGTON	England	0	0
DENBIGHSHIRE	Wales	115	100-150
DERBY	England	0	0
DERBYSHIRE	England	25	10-50
DEVON	England	283	250-300
DORSET	England	159	150-200
DOWN	Northern Ireland	94	50-100
DUMFRIES AND GALLOWAY	Scotland	54	50-100
DUNDEE	Scotland	93	50-100
DURHAM	England	6	1-10
EAST AYRSHIRE	Scotland	75	50-100
EAST DUNBARTONSHIRE	Scotland	6	1-10
EAST LoTHIAN	Scotland	54	50-100
EAST RENFREWSHIRE	Scotland	5	1-10
EAST RIDING OF YORKSHIRE	England	33	10-50
EDINBURGH	Scotland	426	400-500
EILEAN SIAR	Scotland	2	1-10
ESSEX	England	1209	>500
FALKIRK	Scotland	92	50-100
FERMANAGH	Northern Ireland	3	1-10
FIFE	Scotland	43	10-50
FLINTSHIRE	Wales	79	50-100
GATESHEAD	England	0	0
GLASGOW	Scotland	791	>500
GLOUCESTERSHIRE	England	456	400-500
GREATER LONDON	England	2312	>500

Admin2	Country	Number of sequences	Sequence group
GUERNSEY	Channel_islands	41	10-50
GWYNEDD	Wales	69	50-100
HALTON	England	0	0
HAMPSHIRE	England	122	100-150
HARTLEPOOL	England	0	0
HEREFORDSHIRE	England	4	1-10
HERTFORDSHIRE	England	933	>500
HIGHLAND	Scotland	9	1-10
INVERCLYDE	Scotland	3	1-10
ISLE OF WIGHT	England	0	0
ISLES OF SCILLY	England	0	0
JERSEY	Channel_islands	77	50-100
KENT	England	29	10-50
KINGSTON UPON HULL	England	0	0
LANCASHIRE	England	8	1-10
LEICESTER	England	0	0
LEICESTERSHIRE	England	5	1-10
LINCOLNSHIRE	England	16	10-50
LONDONDERRY	Northern Ireland	16	10-50
LUTON	England	0	0
MANCHESTER	England	30	10-50
MEDWAY	England	0	0
MERSEYSIDE	England	59	50-100
MERTHYR TYDFIL	Wales	67	50-100
MIDDLESBROUGH	England	0	0
MIDLOTHIAN	Scotland	131	100-150
MILTON KEYNES	England	0	0
MONMOUTHSHIRE	Wales	63	50-100
MORAY	Scotland	0	0
NEATH PORT TALBOT	Wales	107	100-150
NEWPORT	Wales	144	100-150
NORFOLK	England	559	>500
NORTH AYRSHIRE	Scotland	2	1-10
NORTH LANARKSHIRE	Scotland	163	150-200
NORTH LINCOLNSHIRE	England	0	0
NORTH SOMERSET	England	0	0
NORTH YORKSHIRE	England	63	50-100
NORTHAMPTONSHIRE	England	22	10-50
NORTHUMBERLAND	England	4	1-10
NOTTINGHAM	England	634	>500
NOTTINGHAMSHIRE	England	58	50-100
OLDHAM	England	0	0
ORKNEY ISLANDS	Scotland	1	1-10
OXFORDSHIRE	England	97	50-100
PEMBROKESHIRE	Wales	67	50-100
PERTHSHIRE AND KINROSS	Scotland	48	10-50
PETERBOROUGH	England	0	0
PLYMOUTH	England	1	1-10
POOLE	England	0	0
PORTSMOUTH	England	0	0
POWYS	Wales	60	50-100
REDCAR AND CLEVELAND	England	0	0
RENFREWSHIRE	Scotland	227	200-250
RHONDDA, CYNON, TAFF	Wales	0	0
ROCHDALE	England	0	0
RUTLAND	England	0	0
SALFORD	England	0	0
SCOTTISH BORDERS	Scotland	132	100-150
SHETLAND ISLANDS	Scotland	14	10-50

Admin2	Country	Number of sequences	Sequence group
SHROPSHIRE	England	1	1-10
SOMERSET	England	356	300-400
SOUTH AYRSHIRE	Scotland	0	0
SOUTH GLOUCESTERSHIRE	England	0	0
SOUTH LANARKSHIRE	Scotland	9	1-10
SOUTH YORKSHIRE	England	1250	>500
SOUTHAMPTON	England	0	0
SOUTHEND-ON-SEA	England	0	0
STAFFORDSHIRE	England	49	10-50
STIRLING	Scotland	0	0
STOCKPORT	England	0	0
STOCKTON-ON-TEES	England	0	0
STOKE-ON-TRENT	England	0	0
SUFFOLK	England	503	>500
SURREY	England	64	50-100
SUSSEX	England	1	1-10
SWANSEA	Wales	252	250-300
SWINDON	England	0	0
TAMESIDE	England	0	0
TELFORD AND WREKIN	England	0	0
THURROCK	England	0	0
TORBAY	England	0	0
TORFAEN	Wales	85	50-100
TRAFFORD	England	0	0
TYNE AND WEAR	England	38	10-50
TYRONE	Northern Ireland	15	10-50
VALE OF GLAMORGAN	Wales	159	150-200
WARRINGTON	England	0	0
WARWICKSHIRE	England	10	10-50
WEST DUNBARTONSHIRE	Scotland	10	10-50
WEST LOTHIAN	Scotland	95	50-100
WEST MIDLANDS	England	95	50-100
WEST YORKSHIRE	England	20	10-50
WIGAN	England	0	0
WILTSHIRE	England	245	200-250
WORCESTERSHIRE	England	12	10-50
WREXHAM	Wales	102	100-150
YORK	England	0	0