

UK lineages summary report

This report gives summaries of UK specific lineages for week 2020-05-29. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-05-24. The analysis (eg time since last sample) is therefore undertaken from this date. 19040 sequences in the UK have been included in this analysis. 5903 lineages have been recorded, 4457 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 6130 and the maximum is 9084

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

5464 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 242 that remain: 169 are pending extinction, ie last seen three weeks ago. 47 lineages have gone quiet, ie haven't been seen this week. 5 lineages have reactivated. 21 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	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5	1000 (83.47%)	125 (10.43%)	70 (5.84%)	3 (0.25%)	Mar-03, May-22	1198	B.1, B.1.1, B.1.1.1	2	0.0334
UK2464	240 (59.7%)	70 (17.41%)	92 (22.89%)	0 (0%)	Mar-09, May-12	402	B.1.p11	12	0.0133

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK61	22 (6.08%)	340 (93.92%)	0 (0%)	0 (0%)	Mar-10, May-01	362	B.3	23	0.0063
UK701	244 (80.79%)	43 (14.24%)	7 (2.32%)	8 (2.65%)	Feb-03, May-10	302	B.1, B.1.p11	14	0.023
UK36	81 (26.91%)	2 (0.66%)	216 (71.76%)	2 (0.66%)	Mar-18, May-12	301	B.1	12	0.0153
UK19	137 (62.84%)	81 (37.16%)	0 (0%)	0 (0%)	Mar-09, May-10	218	B.1, B.1.44	14	0.0204
UK9	199 (99.5%)	1 (0.5%)	0 (0%)	0 (0%)	Mar-09, May-05	200	B.1.13	19	0.0151
UK52	3 (1.69%)	0 (0%)	175 (98.31%)	0 (0%)	Mar-16, May-12	178	B.1.p73, B.1	12	0.0268
UK158	25 (14.97%)	142 (85.03%)	0 (0%)	0 (0%)	Mar-20, May-02	167	B.1.1, B.1.1.2	22	0.0118
UK4	138 (90.79%)	13 (8.55%)	1 (0.66%)	0 (0%)	Feb-28, May-01	152	B	23	0.0181

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.

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.

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.

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 coun-

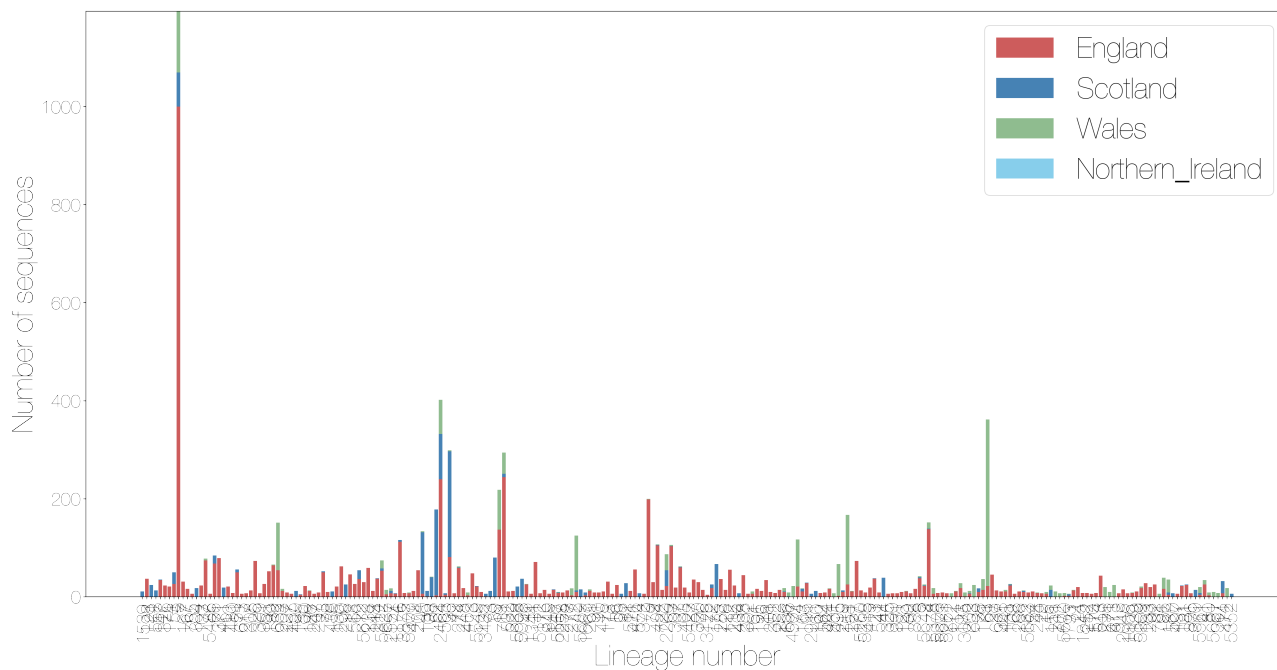


Figure 1: Number of sequences sampled in a lineage by country

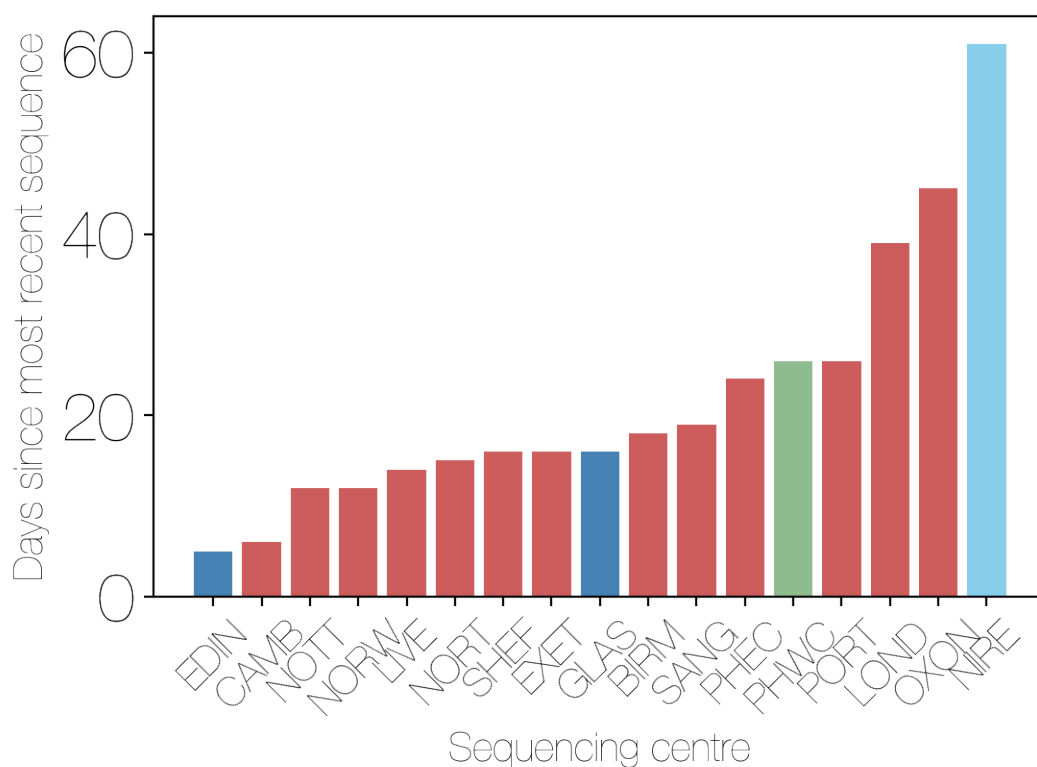


Figure 2: Lag since the most recent sequence from each sequencing centre to most current date

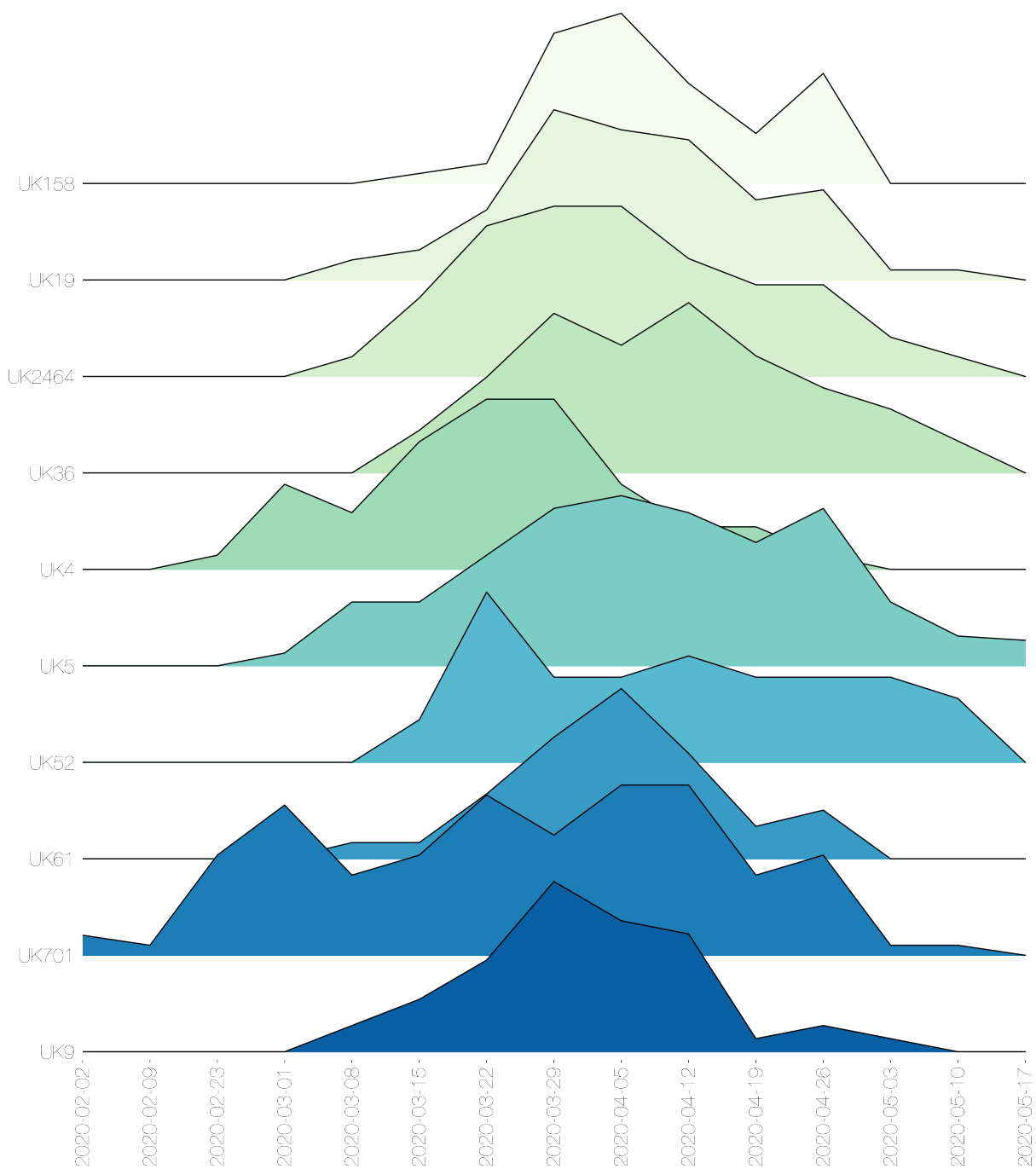
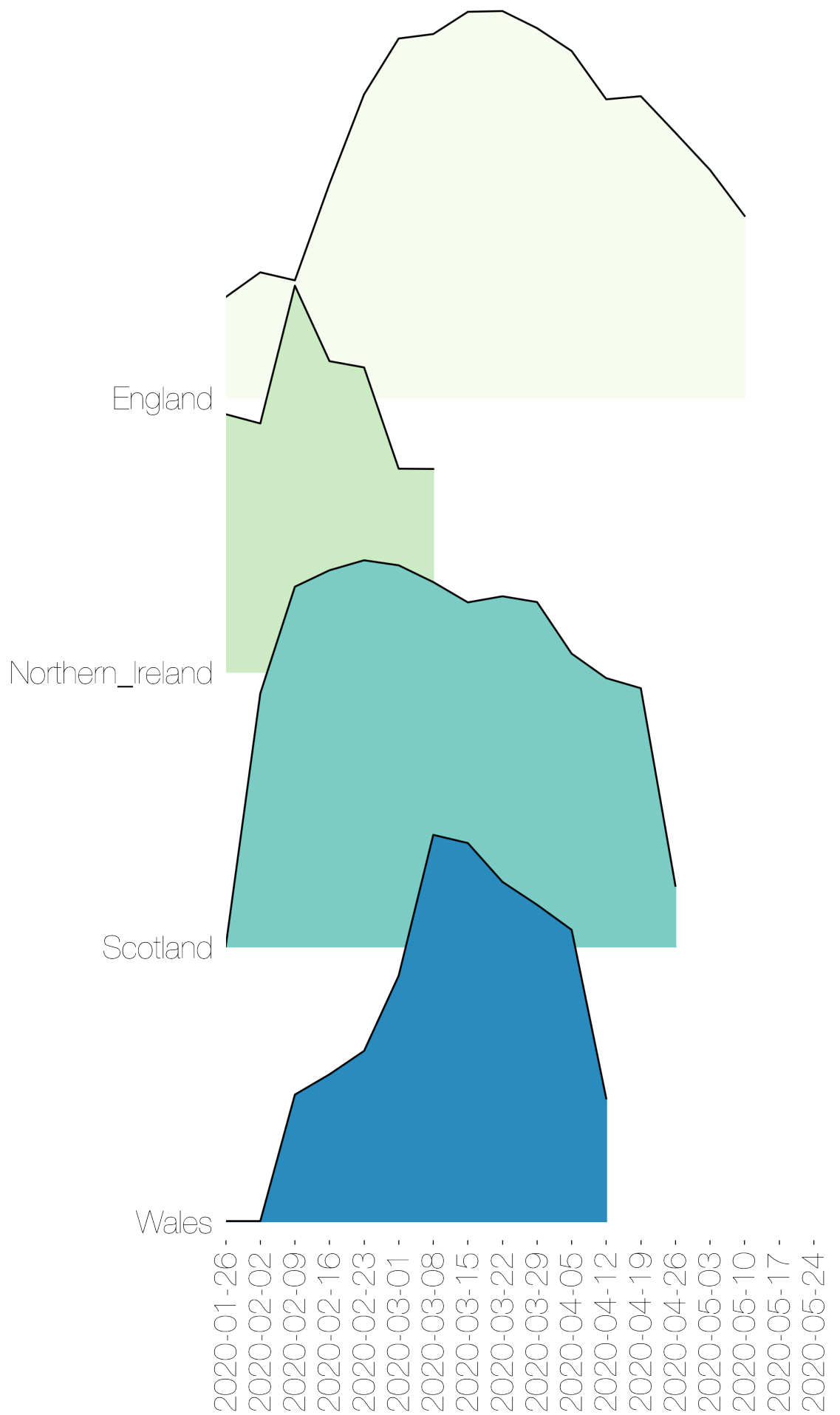


Figure 3: Lineages by number of adm2 regions present by epiweek



try from each lineage.

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.

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

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.

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.

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.

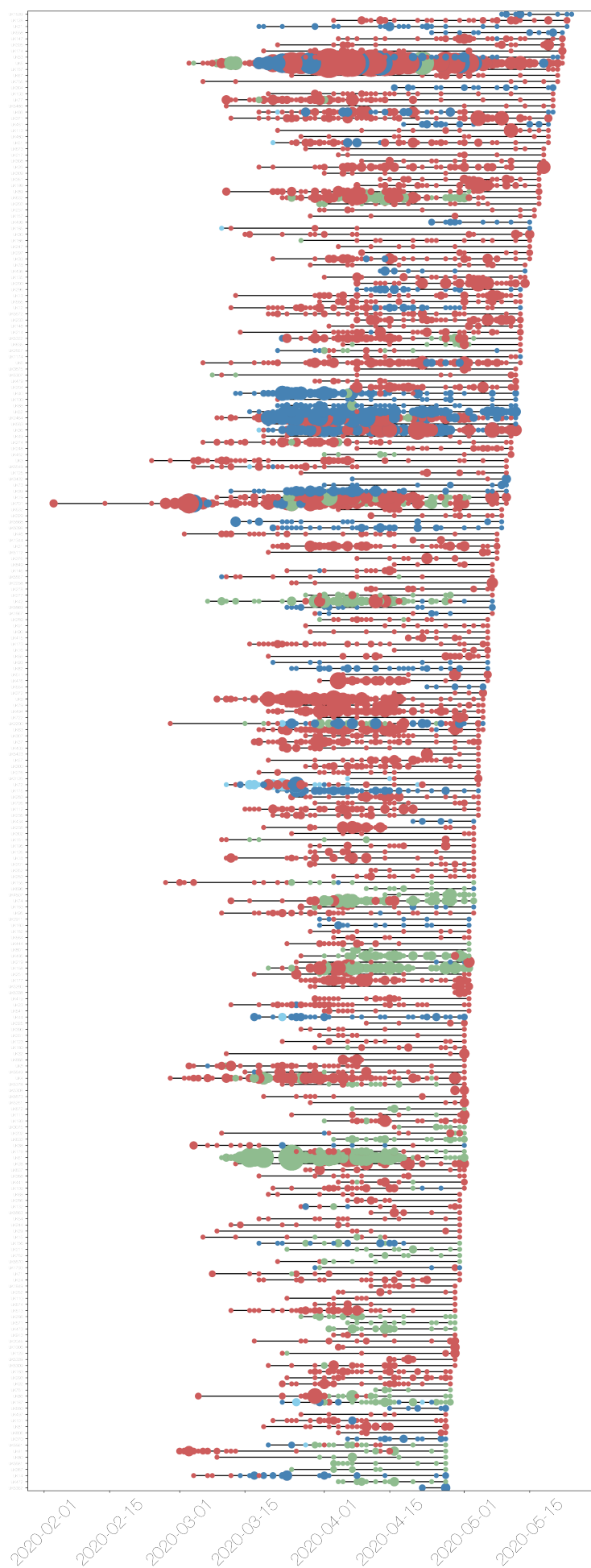


Figure 4: Timeline of lineages, sized by number of sequences from each country.

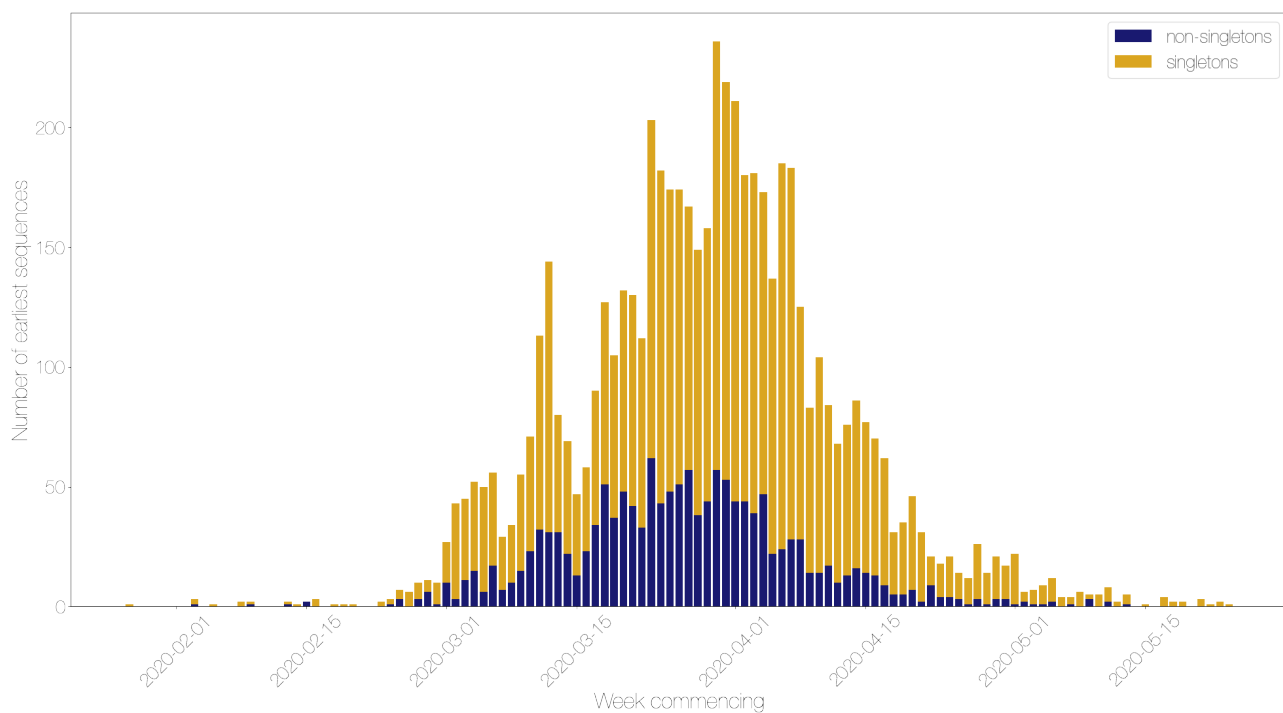


Figure 5: Lineage starts per week, split by singletons and non-singletons

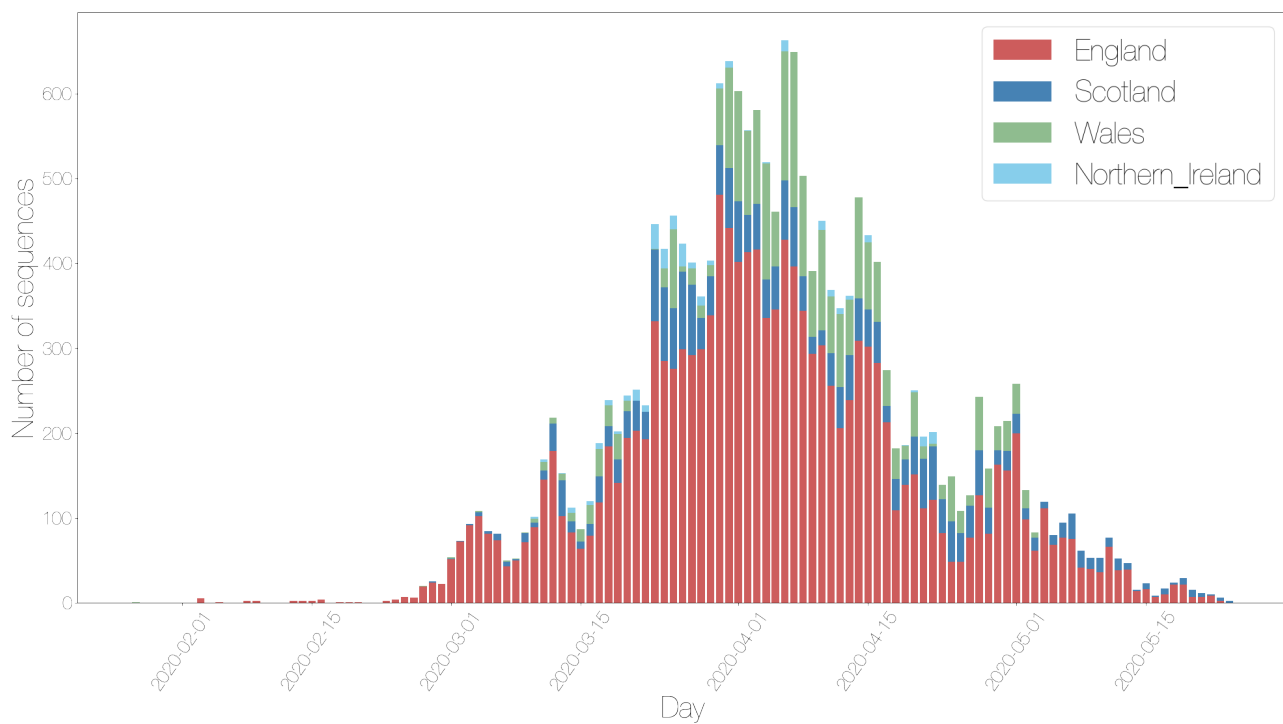


Figure 6: Sequences taken on each day by country

COVID-19 sequences from each Admn2 region UK

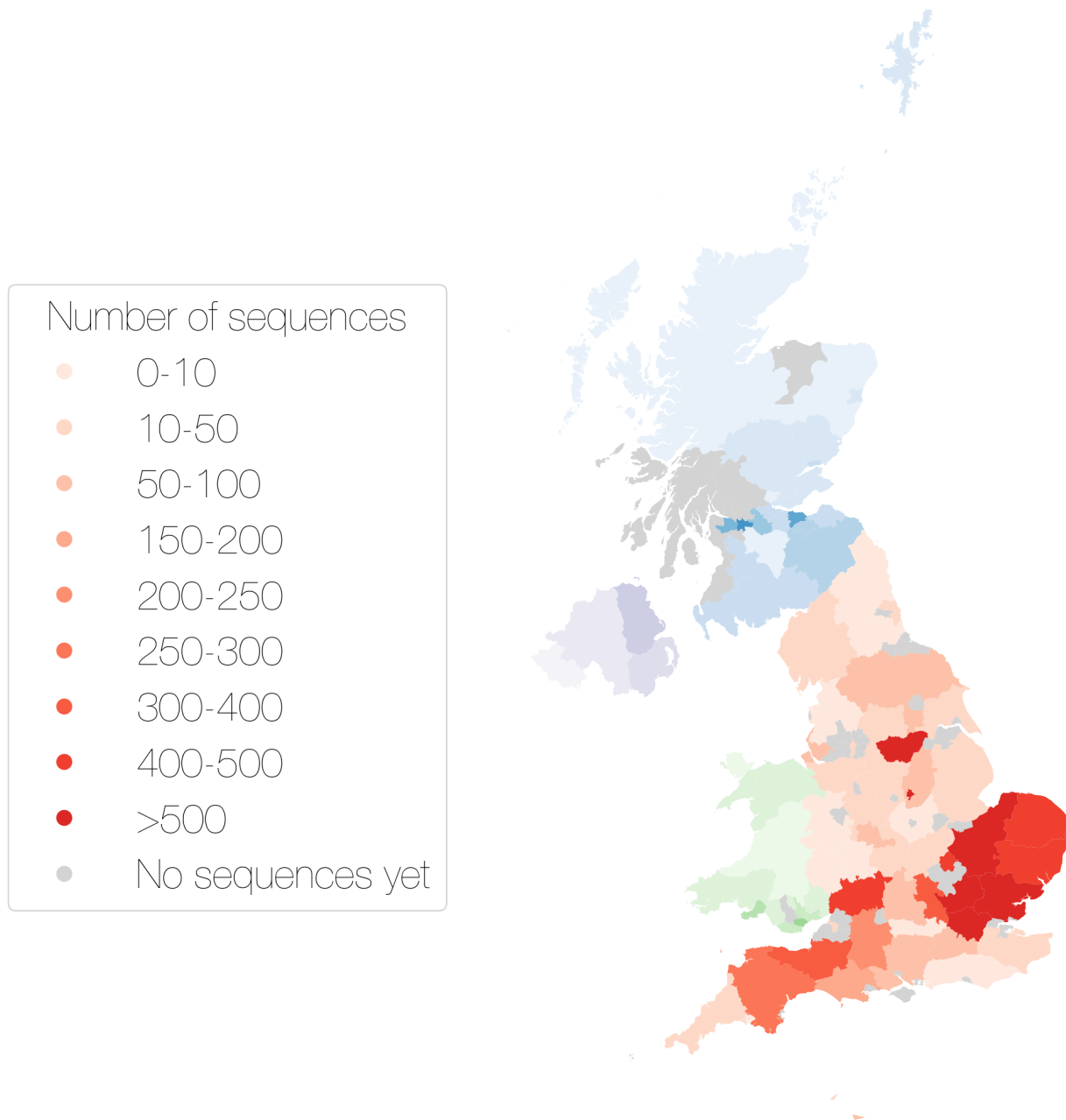
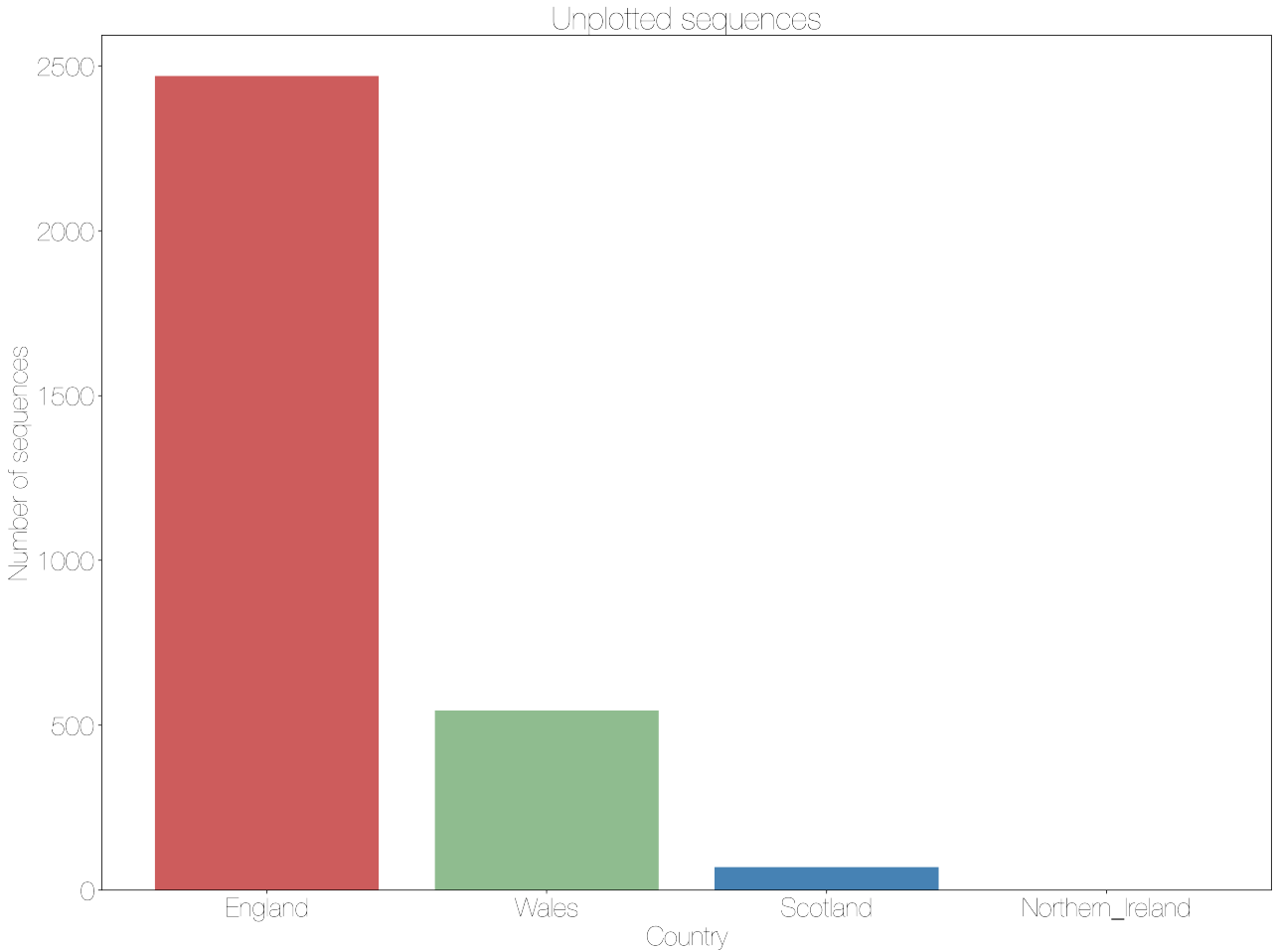


Figure 7: Map showing the number of sequences sampled by adm2 region

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	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5	1000 (83.47%)	125 (10.43%)	70 (5.84%)	3 (0.25%)	Mar-03, May-22	1198	B.1, B.1.1, B.1.1.1	2	0.0334
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UK158	25 (14.97%)	142 (85.03%)	0 (0%)	0 (0%)	Mar-20, May-02	167	B.1.1, B.1.1.2	22	0.0118
UK4	138 (90.79%)	13 (8.55%)	1 (0.66%)	0 (0%)	Feb-28, May-01	152	B	23	0.0181
UK632	54 (35.76%)	97 (64.24%)	0 (0%)	0 (0%)	Mar-23, May-17	151	B.1.1	7	0.0524
UK40	6 (4.48%)	2 (1.49%)	126 (94.03%)	0 (0%)	Mar-13, May-12	134	B.16, B	12	0.0376
UK42	10 (8.0%)	112 (89.6%)	3 (2.4%)	0 (0%)	Mar-07, May-07	125	B.1, B.1.35	17	0.0289
UK74	21 (17.95%)	96 (82.05%)	0 (0%)	0 (0%)	Mar-12, May-03	117	B.1	21	0.0213

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK6	112 (96.55%)	0 (0%)	4 (3.45%)	0 (0%)	Mar-06, May-13	116	B.1	11	0.0538
UK494	105 (98.13%)	1 (0.93%)	1 (0.93%)	0 (0%)	Mar-20, May-05	107	B.1.p11	19	0.0228
UK63	103 (97.17%)	2 (1.89%)	1 (0.94%)	0 (0%)	Mar-18, May-05	106	B.1.1	19	0.0241
UK2200	22 (24.44%)	33 (36.67%)	32 (35.56%)	3 (3.33%)	Feb-28, May-05	90	B.1.5, B.1.5.6	19	0.0396
UK66	68 (80.0%)	0 (0%)	16 (18.82%)	1 (1.18%)	Mar-18, May-20	85	B.1.1.8	4	0.1875
UK39	0 (0%)	0 (0%)	80 (100.0%)	0 (0%)	Mar-12, May-10	80	A.2	14	0.0533
UK371	79 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, May-19	79	B.1.1	5	0.1744
UK77	74 (94.87%)	4 (5.13%)	0 (0%)	0 (0%)	Mar-11, May-20	78	B.2.4, B.2	4	0.2273
UK72	18 (23.38%)	0 (0%)	7 (9.09%)	52 (67.53%)	Mar-11, May-04	77	B.10	20	0.0355
UK5322	53 (70.67%)	16 (21.33%)	5 (6.67%)	1 (1.33%)	Mar-23, May-13	75	B.1.1	11	0.0627
UK26	73 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-18	73	B.1.1.3	6	0.1412

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK177	73 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-02	73	B.1.1	22	0.0227
UK31	71 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, May-08	71	B.1	16	0.0429
UK107	68 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-21	68	B.2, B.2.5, B.2.1	33	0.0167
UK175	0 (0%)	0 (0%)	67 (100.0%)	0 (0%)	Mar-22, May-04	67	B.1	20	0.0326
UK495	2 (2.99%)	65 (97.01%)	0 (0%)	0 (0%)	Mar-27, May-02	67	B.1.p11	22	0.0248
UK89	64 (96.97%)	2 (3.03%)	0 (0%)	0 (0%)	Mar-11, May-17	66	B.1.1.9	7	0.1473
UK37	60 (96.77%)	1 (1.61%)	1 (1.61%)	0 (0%)	Mar-17, May-04	62	B.1, B.1.30	20	0.0393
UK274	59 (95.16%)	2 (3.23%)	1 (1.61%)	0 (0%)	Mar-06, May-11	62	B.3, B	13	0.0832
UK200	62 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-14	62	B.1.p11	10	0.059
UK194	61 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-24	61	B.1.1	30	0.02
UK343	60 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-24	60	B.1	30	0.0153

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK115	58 (98.31%)	1 (1.69%)	0 (0%)	0 (0%)	Mar-15, Apr-20	59	B.2.1	34	0.0183
UK233	59 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-13	59	B.1.1	11	0.0549
UK51	50 (87.72%)	0 (0%)	6 (10.53%)	1 (1.75%)	Mar-21, May-19	57	B.1.36	5	0.2107
UK476	56 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-06	56	B.1.1	18	0.0364
UK225	1 (1.79%)	2 (3.57%)	50 (89.29%)	3 (5.36%)	Mar-14, Apr-10	56	B.2	44	0.0112
UK112	55 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, May-04	55	B.1.1, B.1.1.p11	20	0.0463
UK62	52 (94.55%)	0 (0%)	3 (5.45%)	0 (0%)	Mar-12, Apr-23	55	B.3	31	0.0251
UK12	36 (65.45%)	0 (0%)	18 (32.73%)	1 (1.82%)	Mar-12, May-13	55	B.1.p11	11	0.1044
UK204	54 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, May-12	54	B.1.1	12	0.055
UK33	50 (96.15%)	0 (0%)	2 (3.85%)	0 (0%)	Mar-21, May-15	52	B.1.1	9	0.1198
UK199	52 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-17	52	B.1.5.5	7	0.1092

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK11	46 (90.2%)	3 (5.88%)	2 (3.92%)	0 (0%)	Mar-04, Apr-11	51	B.1	43	0.0177
UK53	26 (52.0%)	0 (0%)	24 (48.0%)	0 (0%)	Mar-26, May-22	50	B.1.1.4	2	0.5816
UK3	48 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, May-10	48	B.1	14	0.1155
UK94	47 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-19	47	B.2, B.2.1	35	0.0236
UK13	46 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, May-13	46	B.1.1	11	0.1232
UK28	45 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, May-01	45	B.1.1.10	23	0.0484
UK760	1 (2.27%)	0 (0%)	0 (0%)	43 (97.73%)	Mar-21, Apr-22	44	B.1.1	32	0.0233
UK238	44 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-03	44	B.1.1	21	0.0498
UK513	43 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-29	43	B.1.p11	25	0.0457
UK8	38 (90.48%)	2 (4.76%)	2 (4.76%)	0 (0%)	Mar-03, May-01	42	B	23	0.0626
UK88	0 (0%)	1 (2.44%)	40 (97.56%)	0 (0%)	Mar-22, May-12	41	B.1	12	0.1062

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK187	4 (10.0%)	26 (65.0%)	5 (12.5%)	5 (12.5%)	Mar-23, Apr-28	40	B.1	26	0.0355
UK44	0 (0%)	0 (0%)	39 (97.5%)	1 (2.5%)	Mar-17, May-01	40	B	23	0.0502
UK86	16 (41.03%)	23 (58.97%)	0 (0%)	0 (0%)	Mar-05, Apr-28	39	B.1	26	0.0547
UK2240	37 (94.87%)	0 (0%)	2 (5.13%)	0 (0%)	Mar-01, Apr-19	39	B.1	35	0.0368
UK131	34 (87.18%)	5 (12.82%)	0 (0%)	0 (0%)	Mar-11, Apr-14	39	B, B.15	40	0.0224
UK23	37 (97.37%)	0 (0%)	1 (2.63%)	0 (0%)	Mar-12, May-02	38	B.9, B	22	0.0627
UK214	37 (97.37%)	0 (0%)	1 (2.63%)	0 (0%)	Mar-14, May-13	38	B.1.1	11	0.1474
UK5098	1 (2.7%)	0 (0%)	36 (97.3%)	0 (0%)	Mar-21, May-09	37	B.1.p73, B.2.1	15	0.0907
UK128	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-23	37	B.1.1	1	1.3889
UK346	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-19	36	B.1, B.1.72	35	0.0278
UK283	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-04	36	B.1.1	20	0.0571

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK179	14 (38.89%)	22 (61.11%)	0 (0%)	0 (0%)	Mar-17, May-01	36	B.1.1.p11	23	0.0559
UK57	35 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-04	35	B.1.1	20	0.0662
UK147	34 (97.14%)	0 (0%)	1 (2.86%)	0 (0%)	Apr-04, May-22	35	B.1.1	2	0.7059
UK1845	30 (88.24%)	2 (5.88%)	1 (2.94%)	1 (2.94%)	Mar-01, Apr-11	34	B	43	0.0289
UK18	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-03	34	B.1.1.7	21	0.0765
UK41	25 (73.53%)	9 (26.47%)	0 (0%)	0 (0%)	Mar-01, Apr-27	34	B.1	27	0.064
UK138	33 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-26	33	B.2.1	28	0.0379
UK64	24 (72.73%)	9 (27.27%)	0 (0%)	0 (0%)	Mar-12, Apr-20	33	B.1	34	0.0358
UK14	7 (21.88%)	0 (0%)	25 (78.12%)	0 (0%)	Mar-04, Apr-27	32	B	27	0.0645
UK167	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-21	31	B.1.66, B.1	3	0.5889
UK119	23 (74.19%)	7 (22.58%)	1 (3.23%)	0 (0%)	Mar-11, Apr-16	31	B.2.5	38	0.0316

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK173	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, May-06	31	B	18	0.0944
UK300	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-04	30	B.1.1	20	0.0638
UK79	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, May-05	30	B.1	19	0.0762
UK5672	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-13	30	B.2	11	0.1693
UK43	1 (3.45%)	0 (0%)	28 (96.55%)	0 (0%)	Mar-12, Apr-26	29	A.5	28	0.0574
UK241	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-16	29	B.1.5.3	38	0.0235
UK95	28 (96.55%)	0 (0%)	1 (3.45%)	0 (0%)	Mar-10, May-03	29	B.2.1	21	0.0918
UK183	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-28	28	B.1.1	26	0.0427
UK116	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-25, Apr-01	28	B.2.1	53	0.0252
UK193	18 (64.29%)	10 (35.71%)	0 (0%)	0 (0%)	Apr-01, May-01	28	B.1.1	23	0.0483
UK82	1 (3.57%)	0 (0%)	27 (96.43%)	0 (0%)	Mar-25, May-06	28	B.1.1, B.1.1.p11	18	0.0864

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5675	25 (89.29%)	1 (3.57%)	1 (3.57%)	1 (3.57%)	Mar-03, Apr-10	28	B.2	44	0.032
UK45	14 (53.85%)	10 (38.46%)	2 (7.69%)	0 (0%)	Mar-01, Apr-20	26	B.1.1	34	0.0588
UK46	25 (96.15%)	1 (3.85%)	0 (0%)	0 (0%)	Mar-02, May-08	26	B.2.1	16	0.1675
UK351	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, May-17	26	B.1.1.10, B.1.1	7	0.1943
UK565	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-13	26	B.1.1	11	0.1564
UK144	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-05, Apr-07	26	B.2.1	47	0.0281
UK109	23 (88.46%)	1 (3.85%)	2 (7.69%)	0 (0%)	Mar-21, May-01	26	B.1.5	23	0.0713
UK92	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-28	25	B.1.1	26	0.0577
UK296	0 (0%)	0 (0%)	25 (100.0%)	0 (0%)	Apr-08, May-13	25	B.1.5	11	0.1326
UK81	24 (96.0%)	0 (0%)	1 (4.0%)	0 (0%)	Mar-19, Apr-27	25	B.1.1	27	0.0602
UK5649	22 (88.0%)	2 (8.0%)	1 (4.0%)	0 (0%)	Mar-15, May-01	25	B.2.6	23	0.0851

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5549	21 (87.5%)	0 (0%)	1 (4.17%)	2 (8.33%)	Mar-04, May-10	24	B.2.2	14	0.2081
UK56	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-06	24	B.1.1	18	0.1135
UK21	0 (0%)	0 (0%)	24 (100.0%)	0 (0%)	Mar-18, May-23	24	B.1.40	1	2.8696
UK473	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-29	24	B.1.1	25	0.047
UK633	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-01	24	B.1.1.16, B.1.1.p16	23	0.0529
UK101	22 (95.65%)	0 (0%)	1 (4.35%)	0 (0%)	Mar-21, Apr-27	23	B.1.5	27	0.0623
UK235	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, May-04	23	B.1.1	20	0.1
UK322	3 (13.04%)	15 (65.22%)	5 (21.74%)	0 (0%)	Mar-16, Apr-26	23	B.1, B.1.5	28	0.0666
UK156	0 (0%)	9 (39.13%)	14 (60.87%)	0 (0%)	Mar-18, Apr-30	23	B.1.71	24	0.0814
UK326	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, May-22	23	B.1.1.10	2	1.3864
UK103	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-20	23	B.1.1	4	0.6932

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK30	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, May-15	22	B.1.1	9	0.3228
UK4507	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Apr-14, May-03	22	B.1	21	0.0431
UK279	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-25	22	B.1.1	29	0.0493
UK114	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-21	22	B.1.1	33	0.0519
UK394	5 (23.81%)	16 (76.19%)	0 (0%)	0 (0%)	Mar-24, Apr-24	21	B.1.1.10, B.1.1	30	0.0517
UK5309	18 (85.71%)	3 (14.29%)	0 (0%)	0 (0%)	Mar-20, Apr-29	21	B.1.1.10, B.1.1	25	0.08
UK5561	4 (19.05%)	12 (57.14%)	4 (19.05%)	1 (4.76%)	Mar-20, Apr-27	21	B.2.2	27	0.0704
UK174	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-22	21	B.1.5	2	1.6
UK113	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, May-19	21	B.1.1	5	0.58
UK5668	0 (0%)	0 (0%)	21 (100.0%)	0 (0%)	Mar-13, May-09	21	B.2	15	0.19
UK291	20 (95.24%)	1 (4.76%)	0 (0%)	0 (0%)	Mar-13, Apr-05	21	B.2.1	49	0.0235

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK384	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	21	B.2.1	52	0.0183
UK135	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-14	21	B.1.p11	10	0.215
UK293	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-28	20	B.1	26	0.0709
UK24	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	20	B.1.1.10, B.1.1	24	0.0943
UK298	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-29	20	B.1.1	25	0.0695
UK75	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-26	20	B.1, B.1.34	28	0.0752
UK87	0 (0%)	0 (0%)	20 (100.0%)	0 (0%)	Mar-13, Apr-20	20	B.1.70	34	0.0588
UK514	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	19	B.1.1	41	0.019
UK419	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-02	19	B.1.1	22	0.0833
UK150	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Mar-21, Apr-22	19	B.1.1.p12	32	0.0556
UK403	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-04	19	B.1.1	20	0.1167

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK307	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-04	19	B.1.1	20	0.1028
UK461	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Apr-18, May-19	19	B.1.5	5	0.3444
UK134	15 (78.95%)	0 (0%)	4 (21.05%)	0 (0%)	Mar-04, Apr-07	19	B.1	47	0.0402
UK155	10 (52.63%)	7 (36.84%)	1 (5.26%)	1 (5.26%)	Feb-27, May-03	19	B.1	21	0.1746
UK304	0 (0%)	0 (0%)	18 (100.0%)	0 (0%)	Apr-16, May-20	18	B.1.1.14	4	0.5
UK5378	6 (33.33%)	12 (66.67%)	0 (0%)	0 (0%)	Mar-23, May-01	18	B.1.1	23	0.0997
UK248	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-11	18	B.1.1	13	0.1493
UK472	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-27	18	B.1.1, B.1.1.p11	27	0.0501
UK117	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Apr-04	18	B.2.1	50	0.0424
UK502	0 (0%)	0 (0%)	18 (100.0%)	0 (0%)	Mar-06, Mar-30	18	B.1.69	55	0.0257
UK143	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	18	B.2.1	38	0.0511

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5084	15 (88.24%)	2 (11.76%)	0 (0%)	0 (0%)	Mar-23, Apr-16	17	B.1, B.1.p11, B.2.1	38	0.0395
UK604	12 (70.59%)	2 (11.76%)	3 (17.65%)	0 (0%)	Mar-06, Mar-17	17	B.1.1	68	0.0101
UK444	16 (94.12%)	1 (5.88%)	0 (0%)	0 (0%)	Mar-24, May-02	17	B.1.1	22	0.1108
UK277	3 (17.65%)	14 (82.35%)	0 (0%)	0 (0%)	Mar-28, May-07	17	B.1.1	17	0.1471
UK163	11 (64.71%)	1 (5.88%)	5 (29.41%)	0 (0%)	Mar-27, May-03	17	B.1.1	21	0.1101
UK2557	7 (41.18%)	5 (29.41%)	5 (29.41%)	0 (0%)	Mar-22, May-13	17	B.1.p11	11	0.2955
UK38	10 (58.82%)	0 (0%)	7 (41.18%)	0 (0%)	Mar-04, May-01	17	B.2.1	23	0.1576
UK47	11 (68.75%)	5 (31.25%)	0 (0%)	0 (0%)	Mar-17, Apr-13	16	B.1.1	41	0.0439
UK392	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-12	16	B.1.67	42	0.0286
UK195	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	16	B.1.1	21	0.1111
UK203	12 (75.0%)	4 (25.0%)	0 (0%)	0 (0%)	Mar-31, May-17	16	B.1.1	7	0.4476

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK888	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, May-01	16	B.1.1	23	0.0754
UK67	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-21	16	B.1.1	3	1.2667
UK146	14 (93.33%)	0 (0%)	1 (6.67%)	0 (0%)	Mar-24, May-07	15	B.1.1	17	0.1849
UK236	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-27, Apr-22	15	B.1.1	32	0.058
UK5556	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-16	15	B.2.2	38	0.0545
UK2045	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-29	15	B.1, B	25	0.1229
UK397	13 (86.67%)	0 (0%)	2 (13.33%)	0 (0%)	Mar-28, Apr-14	15	B.1.1.13	40	0.0304
UK269	12 (80.0%)	3 (20.0%)	0 (0%)	0 (0%)	Mar-31, May-06	15	B.1.1	18	0.1429
UK374	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	15	B.1.1	34	0.0399
UK264	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Mar-29, Apr-22	15	B.1.p11	32	0.0536
UK295	1 (6.67%)	1 (6.67%)	3 (20.0%)	10 (66.67%)	Mar-11, Apr-22	15	B	32	0.0938

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5669	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Mar-24, May-07	15	B.2	17	0.1849
UK249	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-31, Apr-25	15	B.1.1	29	0.0616
UK5409	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	14	B.1.1	35	0.0615
UK726	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-04	14	B.1	20	0.1346
UK370	0 (0%)	0 (0%)	14 (100.0%)	0 (0%)	Apr-06, Apr-27	14	B.1.1.10	27	0.0598
UK376	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-08	14	B.1.1	16	0.1442
UK253	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-03	14	B.1.1	21	0.1099
UK303	4 (28.57%)	10 (71.43%)	0 (0%)	0 (0%)	Mar-23, Apr-14	14	B.1.1	40	0.0423
UK71	13 (92.86%)	1 (7.14%)	0 (0%)	0 (0%)	Mar-08, Apr-30	14	B	24	0.1699
UK5498	13 (92.86%)	0 (0%)	1 (7.14%)	0 (0%)	Mar-23, Apr-20	14	B.1.1, B.2	34	0.0633
UK5180	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	14	B.1.1.7	30	0.0513

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK276	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-04	14	B.1.1	20	0.1808
UK441	11 (78.57%)	3 (21.43%)	0 (0%)	0 (0%)	Apr-04, May-01	14	B.1.1	23	0.0903
UK635	5 (35.71%)	9 (64.29%)	0 (0%)	0 (0%)	Apr-05, May-13	14	B.1.1	11	0.2657
UK722	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-05	14	B.1.1	19	0.1417
UK153	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	14	B.2	40	0.0615
UK254	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-14	14	B.1.1	40	0.0481
UK186	12 (92.31%)	1 (7.69%)	0 (0%)	0 (0%)	Mar-27, May-15	13	B	9	0.4537
UK637	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-01	13	B.1.1	23	0.1232
UK5260	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-02	13	B.1.1	22	0.1288
UK58	6 (46.15%)	0 (0%)	7 (53.85%)	0 (0%)	Mar-12, Apr-09	13	B.1	45	0.0519
UK603	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-09	13	B.1.1	45	0.0204

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK219	10 (76.92%)	0 (0%)	3 (23.08%)	0 (0%)	Mar-26, May-02	13	B.1.1	22	0.1402
UK34	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Apr-02	13	B.4	52	0.0753
UK278	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, May-07	13	B.1.1	17	0.1324
UK378	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	13	B.1.1	80	0.0198
UK354	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-07	13	B.1.1	47	0.0355
UK308	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-18	13	B.1.1	6	0.5417
UK5715	12 (92.31%)	0 (0%)	1 (7.69%)	0 (0%)	Feb-13, Apr-22	13	B.2	32	0.1797
UK558	0 (0%)	0 (0%)	13 (100.0%)	0 (0%)	Apr-24, May-22	13	B.1.5	2	1.1667
UK132	10 (76.92%)	1 (7.69%)	2 (15.38%)	0 (0%)	Mar-27, Apr-30	13	B.1	24	0.1181
UK501	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-22	13	B.1, B	32	0.0495
UK126	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	12	B.1.1	21	0.1515

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK73	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-01, May-10	12	B.1.p11	14	0.2532
UK694	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	71	0.0102
UK479	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-12	12	B.1.1	12	0.3258
UK499	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-24, May-15	12	B.1.5	9	0.2121
UK347	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	12	B.1	52	0.035
UK180	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-30, May-01	12	B.1.1	23	0.1265
UK137	2 (16.67%)	0 (0%)	10 (83.33%)	0 (0%)	Mar-10, Apr-13	12	B.1.1	41	0.0754
UK504	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	12	B.1.1	41	0.031
UK100	1 (8.33%)	0 (0%)	11 (91.67%)	0 (0%)	Mar-22, May-12	12	B.1.5	12	0.3864
UK261	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Mar-15, Apr-08	12	A.3	46	0.0474
UK511	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, May-06	12	B.1.1	18	0.1566

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK168	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-16	12	B.2.1	38	0.0742
UK148	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, May-13	12	B.1.1	11	0.3388
UK202	6 (50.0%)	5 (41.67%)	1 (8.33%)	0 (0%)	Mar-10, May-01	12	B.1.1	23	0.2055
UK111	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-25, May-01	12	B.1.1	23	0.1462
UK251	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-17, May-02	12	B.1.1	22	0.1901
UK5685	9 (75.0%)	1 (8.33%)	2 (16.67%)	0 (0%)	Mar-17, Apr-13	12	B.2	41	0.0599
UK329	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, May-09	12	B.1.1	15	0.1697
UK160	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Mar-31, May-02	12	B.1.1	22	0.1322
UK5339	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-15, Apr-29	11	B.1.1	25	0.056
UK266	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Apr-30	11	B.1	24	0.1
UK211	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-30	11	B.1.5	24	0.1542

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK530	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-13	11	B.1.1	41	0.0317
UK83	8 (72.73%)	1 (9.09%)	2 (18.18%)	0 (0%)	Feb-29, Apr-08	11	B.1.1	46	0.0848
UK70	8 (72.73%)	1 (9.09%)	0 (0%)	2 (18.18%)	Mar-06, Apr-16	11	B.2	38	0.1079
UK415	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-19, May-06	11	B.1	18	0.0944
UK161	6 (54.55%)	5 (45.45%)	0 (0%)	0 (0%)	Mar-10, May-03	11	B.1.1	21	0.2571
UK759	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-04	11	B.1.1	50	0.014
UK141	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-24	11	B.1.1	30	0.11
UK287	8 (72.73%)	2 (18.18%)	1 (9.09%)	0 (0%)	Mar-26, Apr-18	11	B.1	36	0.0639
UK255	10 (90.91%)	0 (0%)	1 (9.09%)	0 (0%)	Mar-26, Apr-20	11	B.1.1	34	0.0735
UK240	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	11	B.2	43	0.0605
UK268	7 (63.64%)	4 (36.36%)	0 (0%)	0 (0%)	Mar-23, Apr-16	11	B.1.1	38	0.0632

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK1018	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-20, Apr-21	11	B.1.1	33	0.003
UK562	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-27, Apr-25	11	B.1	29	0.1
UK1539	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	May-09, May-24	11	B.1.5	0	active today
UK54	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	11	B.1.1.10	24	0.1792
UK532	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-09	11	B.1.1	15	0.2333
UK368	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-01	11	B.1	23	0.1913
UK428	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	11	B.2, B.2.1	48	0.0354
UK436	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Apr-13, May-14	11	B.1.5	10	0.31
UK909	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, Apr-20	10	B.1	34	0.0229
UK125	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-10	10	B.1.1	14	0.3492
UK198	0 (0%)	2 (20.0%)	6 (60.0%)	2 (20.0%)	Mar-18, Apr-15	10	B.1.5, A	39	0.0798

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK1737	9 (90.0%)	0 (0%)	1 (10.0%)	0 (0%)	Mar-11, Apr-14	10	B.1	40	0.0944
UK22	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-02, Apr-21	10	B	33	0.1684
UK123	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-01	10	B.1	23	0.1884
UK242	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-20	10	B.1.5	34	0.0817
UK171	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	10	B.2, B.2.1	41	0.084
UK5681	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-27	10	B.2	27	0.0988
UK571	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-29	10	B.1.1	25	0.1022
UK5557	8 (80.0%)	1 (10.0%)	1 (10.0%)	0 (0%)	Mar-10, May-07	10	B.2.2, B.2	17	0.3791
UK15	6 (60.0%)	4 (40.0%)	0 (0%)	0 (0%)	Mar-06, Apr-30	10	B.1.1	24	0.2546
UK687	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-08	10	B.2, B.2.1	77	0.013
UK201	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	10	B.1	21	0.1852

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK78	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-14	10	B.1.5	10	0.5111
UK220	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-22	10	B.1.1	32	0.0903
UK178	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-13	10	B.1.1	41	0.0813
UK414	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-05, Apr-22	10	B.1.5	32	0.059
UK2891	3 (30.0%)	7 (70.0%)	0 (0%)	0 (0%)	Mar-23, Apr-24	10	B.1.1	30	0.1185
UK142	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-17	9	B.2.1	37	0.1115
UK471	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-24	9	B.1.1	30	0.0917
UK91	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-06	9	B.1.1	18	0.2708
UK802	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	9	B.1	32	0.125
UK564	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-02	9	B.1.1	22	0.1648
UK5307	7 (77.78%)	2 (22.22%)	0 (0%)	0 (0%)	Mar-08, May-12	9	B.1.1	12	0.6771

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK80	3 (33.33%)	6 (66.67%)	0 (0%)	0 (0%)	Mar-09, Apr-27	9	B.1.1.p15	27	0.2269
UK750	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-07, Apr-15	9	B.1	39	0.0256
UK1667	3 (33.33%)	0 (0%)	6 (66.67%)	0 (0%)	Mar-30, May-07	9	B.1.9, B.1.p9	17	0.2794
UK5673	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-01	9	B.2	23	0.2337
UK297	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-15	9	B.1.p11	9	0.5
UK190	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-30	9	B.1	55	0.0659
UK306	8 (88.89%)	0 (0%)	1 (11.11%)	0 (0%)	Mar-26, Apr-10	9	B.1.1	44	0.0426
UK5423	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-23, May-04	9	B.1.1	20	0.0688
UK1548	0 (0%)	0 (0%)	9 (100.0%)	0 (0%)	Apr-13, Apr-24	9	B.1.5.5, B.1.5	30	0.0458
UK237	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-16	9	B.1.1	8	0.7188
UK5663	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-30	9	B.2	24	0.099

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK129	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-23, Apr-29	9	B.1.1	25	0.185
UK339	2 (22.22%)	7 (77.78%)	0 (0%)	0 (0%)	Mar-25, Apr-14	9	B.3	40	0.0625
UK2258	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-07	9	B.1, B.1.5	17	0.3162
UK696	0 (0%)	8 (88.89%)	1 (11.11%)	0 (0%)	Apr-10, May-03	9	B.1, B.1.5	21	0.1369
UK541	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-02	9	B.1.1	22	0.1761
UK569	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-10	9	B.1.1	44	0.0511
UK165	4 (44.44%)	5 (55.56%)	0 (0%)	0 (0%)	Mar-20, Apr-11	9	B.1.1	43	0.064
UK3075	1 (11.11%)	8 (88.89%)	0 (0%)	0 (0%)	Apr-16, May-01	9	B.1.1	23	0.0815
UK5338	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-29, May-02	9	B.1.1	22	0.017
UK432	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-09	9	B.3	45	0.0444
UK312	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-23	9	B.1.1	62	0.0444

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK244	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-12, Apr-30	9	B.1.1	24	0.2552
UK133	2 (22.22%)	0 (0%)	7 (77.78%)	0 (0%)	Mar-22, Apr-25	9	B.1	29	0.1466
UK462	3 (33.33%)	6 (66.67%)	0 (0%)	0 (0%)	Apr-01, May-11	9	B.1	13	0.3846
UK90	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-06	9	B.1.1	18	0.2639
UK645	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-08	9	B.2.1	46	0.0272
UK352	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, May-03	8	B.1.1	21	0.1497
UK271	1 (12.5%)	0 (0%)	7 (87.5%)	0 (0%)	Apr-02, Apr-26	8	B.1	28	0.1224
UK5505	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-21	8	B.1, B.2	33	0.1255
UK223	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-06	8	B.2.1	48	0.0804
UK69	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-04, Apr-14	8	B.2.1	40	0.1464
UK3875	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-12	8	B.1.1	12	0.4048

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK188	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-07, Apr-15	8	B.1	39	0.1429
UK358	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-20, Apr-09	8	B.2.1	45	0.0635
UK5178	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-17	8	B.1.1.7	37	0.1042
UK1013	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-15, Apr-16	8	B.1.1	38	0.0038
UK5308	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-29, May-01	8	B.1.1	23	0.0124
UK324	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-21	8	B.1.1	33	0.0909
UK788	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-05	8	B.4	80	0.0107
UK5174	7 (87.5%)	0 (0%)	0 (0%)	1 (12.5%)	Mar-26, Apr-07	8	B.1.1.7	47	0.0365
UK733	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-22	8	B.2.1	32	0.192
UK311	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-11	8	B.1.1	43	0.0731
UK739	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	8	B.4	77	0.013

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK480	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-19	8	B.1.1.10, B.1.1	5	1.5143
UK5670	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-22, Apr-30	8	B.2	24	0.2321
UK341	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	8	B.1	42	0.068
UK574	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-29	8	B.1.1	25	0.1714
UK182	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-02	8	B.1.1	22	0.2208
UK252	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	8	B.1.1	25	0.1429
UK335	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-15	8	B.2.1	39	0.0769
UK474	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-16	8	B.1.1	38	0.0564
UK756	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-05	8	B.1.1	80	0.0125
UK2904	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-06, Apr-22	8	B.1.p11	32	0.0714
UK367	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-27	8	B.1	27	0.1746

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK65	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-07, Apr-17	8	B.1.1	37	0.1583
UK318	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-10	8	B	44	0.0682
UK5563	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-22	8	B.2.2	32	0.0491
UK350	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-31, Apr-20	8	B.1.1	34	0.084
UK5707	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-14	8	B.2	40	0.0964
UK1849	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-29	8	B.1.1	25	0.1029
UK560	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-15, Apr-27	7	B.1.5	27	0.0741
UK540	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, Apr-22	7	B.1.1, B.1.1.p15	32	0.0677
UK292	4 (57.14%)	3 (42.86%)	0 (0%)	0 (0%)	Mar-21, Apr-13	7	B.2.1	41	0.0935
UK5112	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-08	7	B.1, B.2.1	16	0.5104
UK213	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-17	7	B.1.1	37	0.1351

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK647	6 (85.71%)	0 (0%)	1 (14.29%)	0 (0%)	Mar-17, Mar-27	7	B.2, B.2.1	58	0.0287
UK309	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-17	7	B.1.1	7	1.0952
UK331	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-01	7	B.1.1	23	0.2246
UK49	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-11	7	B.2.1	13	0.6795
UK874	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-24	7	B.1	30	0.1
UK32	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-01	7	B.1.1	23	0.3696
UK692	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Apr-03	7	B.2, B.2.1, B	51	0.098
UK5177	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-11	7	B.1.1.7	43	0.0581
UK323	2 (28.57%)	0 (0%)	5 (71.43%)	0 (0%)	Mar-31, Apr-21	7	B.1	33	0.1061
UK629	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-13	7	B.1	41	0.0854
UK29	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-09, Apr-30	7	B.1.1	24	0.3611

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK5261	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-01	7	B.1.1	23	0.2391
UK510	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Apr-16	7	B.1.1	38	0.0614
UK634	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-18	7	B.1.1	36	0.088
UK451	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-20, Apr-05	7	B.2.1	49	0.0544
UK536	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-09	7	B.1.1	45	0.0481
UK1174	6 (85.71%)	0 (0%)	1 (14.29%)	0 (0%)	Apr-02, May-13	7	B.1.1	11	0.6212
UK320	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-24, Apr-21	7	B.1, B.1.5	33	0.1414
UK612	1 (14.29%)	6 (85.71%)	0 (0%)	0 (0%)	Mar-31, Apr-11	7	B.2.1	43	0.0426
UK487	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-08	7	B.1.1	46	0.0543
UK572	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-07, May-01	7	B.1.1	23	0.1739
UK330	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-23, Apr-13	7	B.1.1	41	0.0854

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK1006	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	7	B.1.1	25	0.1667
UK217	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-18	7	B.1.1	6	1.2222
UK206	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	7	B.2.1	35	0.1333
UK762	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-11, Apr-30	7	B.1.1	24	0.1319
UK439	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-20	7	B.1.1	34	0.0882
UK390	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-01	7	B.1.5	23	0.2536
UK5703	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-06, Apr-11	7	B.2	43	0.1395
UK806	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-27	7	B.1.1.10	27	0.142
UK699	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-23, Apr-24	7	B.1.5	30	0.1778
UK317	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-16	7	B.3	38	0.0921
UK232	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	7	B.1.1	55	0.0788

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK913	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-29	7	B.1	25	0.1733
UK418	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-20	7	B.1.1.10	34	0.0833
UK282	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-23, Apr-22	7	B.1.1	32	0.1562
UK434	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-20, May-03	7	B.1.5	21	0.1032
UK563	4 (57.14%)	0 (0%)	3 (42.86%)	0 (0%)	Mar-20, May-12	7	B.1	12	0.7361
UK554	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-23, May-05	7	B.1.5	19	0.1053
UK801	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-05, May-02	7	B.1	22	0.2045
UK247	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-15	6	B.1.1	9	0.9111
UK157	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-16	6	B.1	8	1.2
UK5667	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Mar-27, Apr-08	6	B.2	46	0.0522
UK857	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Mar-29	6	B.2.1	56	0.0179

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK716	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-08	6	B.1.1	46	0.0348
UK440	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-13	6	B.1.1.10	41	0.078
UK849	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-07	6	B.1.1	17	0.2471
UK481	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-14	6	B.1.1	40	0.075
UK552	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-18, Mar-30	6	A.1	55	0.0436
UK735	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-16	6	B.3	38	0.1789
UK761	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-12, Apr-28	6	B.1.1	26	0.1231
UK870	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-18, Mar-25	6	B.1.5	60	0.0233
UK680	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-14	6	B.1	40	0.045
UK1023	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-16	6	B.1.1	38	0.0474
UK433	3 (50.0%)	0 (0%)	3 (50.0%)	0 (0%)	Mar-22, Apr-07	6	B	47	0.0681

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK627	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-10	6	B.1	44	0.0455
UK989	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-19	6	B.1	35	0.1657
UK313	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-14	6	B.1.1	40	0.11
UK799	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	78	0.0154
UK654	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-08	6	B.2.5	77	0.026
UK16	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-06	6	B.1.1	18	0.2222
UK5486	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-20	6	B.1.1, B.2	4	3.5
UK325	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, May-01	6	B.1.1	23	0.1826
UK372	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-05	6	B.1.1	19	0.2
UK1793	2 (33.33%)	1 (16.67%)	3 (50.0%)	0 (0%)	Mar-30, Apr-30	6	B.1.5	24	0.2583
UK263	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-13	6	B.1.p11	41	0.1171

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK673	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-18	6	B.1.1	6	1.7
UK497	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-27	6	A.2	27	0.2296
UK3432	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Apr-07, May-10	6	B.1.1	14	0.4714
UK93	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-21, May-06	6	B.1.1	18	0.5111
UK682	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B.2, B.2.1	55	0.0327
UK2911	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-31, May-02	6	B.1.p11	22	0.2909
UK489	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-07	6	B.2.1	47	0.0638
UK5352	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-22, Apr-27	6	B.1.1.14	27	0.037
UK491	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-23, Apr-02	6	B.2.1	52	0.0385
UK544	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-06	6	B.2.1	48	0.0542
UK5570	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-05, Apr-17	6	B.2.2	37	0.2324

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK110	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-29	6	B.1	25	0.288
UK68	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-30	6	B.1.1	24	0.3417
UK596	2 (33.33%)	0 (0%)	4 (66.67%)	0 (0%)	Mar-22, Apr-05	6	B	49	0.0571
UK102	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-16	6	B.1	38	0.1947
UK570	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-17	6	B.1.1	37	0.0649
UK746	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-14	6	B.1.5	40	0.07
UK555	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-13, Apr-25	6	B.1.5	29	0.0828
UK755	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, May-21	6	B.1.1	3	5.0667
UK5581	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-08	6	B.2.2	46	0.1217
UK27	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-08, Apr-26	6	B.1.1	28	0.35
UK181	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Apr-07, Apr-26	6	B.1.1	28	0.1357

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK3126	4 (66.67%)	0 (0%)	0 (0%)	2 (33.33%)	Apr-06, May-04	6	B.1.1	20	0.28
UK270	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-09	6	B.3	45	0.12
UK302	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-03	6	B.1.1	21	0.3714
UK280	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-15	6	B.1.1	39	0.0821
UK5666	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	6	B.2	49	0.0939
UK512	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1.1	41	0.0683
UK517	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-12	6	B.1.1	42	0.0667
UK284	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Apr-25	6	B.1.1	29	0.1586
UK447	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	6	B.1.1	33	0.097
UK437	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Mar-23, Apr-08	6	B.1	46	0.0696
UK506	4 (66.67%)	0 (0%)	2 (33.33%)	0 (0%)	Mar-20, Apr-03	6	B.1.1	51	0.0549

Lineage name	England	Wales	Scotland	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)	Activity score
UK185	4 (66.67%)	0 (0%)	1 (16.67%)	1 (16.67%)	Mar-10, May-15	6	B.3	9	1.4667
UK435	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-23	6	B.1.5	31	0.129
UK659	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B	55	0.0327
UK542	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-14	6	B.1	40	0.065
UK706	3 (50.0%)	0 (0%)	0 (0%)	3 (50.0%)	Mar-26, Apr-11	6	B.1.1	43	0.0744
UK464	4 (66.67%)	2 (33.33%)	0 (0%)	0 (0%)	Mar-25, Apr-19	6	B.1	35	0.1429
UK1344	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-20, May-08	6	B	16	0.225

Table S2 Raw data for figure three showing the number of admin2 regions a lineage is present in over time

Week commencing	UK5	UK2464	UK61	UK701	UK36	UK19	UK9	UK52	UK158	UK4
2020-02-02	0	0	0	2	0	0	0	0	0	0
2020-02-09	0	0	0	1	0	0	0	0	0	0
2020-02-23	0	0	0	10	0	0	0	0	0	1
2020-03-01	3	0	0	15	0	0	0	0	0	6
2020-03-08	15	3	2	8	0	2	2	0	0	4
2020-03-15	15	12	2	10	4	3	4	2	1	9
2020-03-22	26	23	8	16	9	7	7	8	2	12
2020-03-29	37	26	15	12	15	17	13	4	15	12
2020-04-05	40	26	21	17	12	15	10	4	17	6
2020-04-12	36	18	13	17	16	14	9	5	10	3
2020-04-19	29	14	4	8	11	8	1	4	5	3
2020-04-26	37	14	6	10	8	9	2	4	11	1
2020-05-03	15	6	0	1	6	1	1	4	0	0
2020-05-10	7	3	0	1	3	1	0	3	0	0
2020-05-17	6	0	0	0	0	0	0	0	0	0

Table S3 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	3.55301	-0	-0	0
2020-03-01	5.04248	1.60944	2.88924	0
2020-03-08	5.97165	1.86729	4.10615	2.36938
2020-03-15	6.04596	2.16536	4.29377	2.28424
2020-03-22	6.41628	3.12241	4.40799	3.55151
2020-03-29	6.42902	4.91359	4.35062	2.8571
2020-04-05	6.14426	4.80981	4.15876	2.79956
2020-04-12	5.7636	4.31555	3.92759	1.86835
2020-04-19	4.95923	4.02483	3.9971	1.86597
2020-04-26	5.01118	3.70568	3.93112	0
2020-05-03	4.40305	1.56071	3.34264	0
2020-05-10	3.78485	0	3.06272	0
2020-05-17	3.01928	0	2.94776	0
2020-05-24	0	0	0.693147	0

Table S4 Raw data for figure six 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	1	0	1
2020-02-15	0	2	2
2020-02-16	3	0	3
2020-02-18	1	0	1
2020-02-19	1	0	1
2020-02-20	1	0	1
2020-02-23	2	0	2
2020-02-24	2	1	3
2020-02-25	4	3	7
2020-02-26	6	0	6
2020-02-27	7	3	10
2020-02-28	5	6	11
2020-02-29	9	1	10
2020-03-01	17	10	27
2020-03-02	40	3	43
2020-03-03	34	11	45
2020-03-04	37	15	52
2020-03-05	44	6	50
2020-03-06	39	17	56
2020-03-07	22	7	29
2020-03-08	24	10	34
2020-03-09	40	15	55
2020-03-10	48	23	71
2020-03-11	81	32	113
2020-03-12	113	31	144
2020-03-13	49	31	80
2020-03-14	47	22	69
2020-03-15	34	13	47
2020-03-16	35	23	58
2020-03-17	56	34	90
2020-03-18	76	51	127
2020-03-19	68	37	105
2020-03-20	84	48	132
2020-03-21	88	42	130
2020-03-22	79	33	112
2020-03-23	141	62	203
2020-03-24	139	43	182
2020-03-25	126	48	174
2020-03-26	123	51	174
2020-03-27	110	57	167

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-03-28	111	38	149
2020-03-29	114	44	158
2020-03-30	179	57	236
2020-03-31	166	53	219
2020-04-01	167	44	211
2020-04-02	136	44	180
2020-04-03	142	39	181
2020-04-04	126	47	173
2020-04-05	115	22	137
2020-04-06	161	24	185
2020-04-07	155	28	183
2020-04-08	97	28	125
2020-04-09	69	14	83
2020-04-10	90	14	104
2020-04-11	67	17	84
2020-04-12	58	10	68
2020-04-13	63	13	76
2020-04-14	70	16	86
2020-04-15	63	14	77
2020-04-16	57	13	70
2020-04-17	53	9	62
2020-04-18	26	5	31
2020-04-19	30	5	35
2020-04-20	39	7	46
2020-04-21	29	2	31
2020-04-22	12	9	21
2020-04-23	14	4	18
2020-04-24	17	4	21
2020-04-25	11	3	14
2020-04-26	11	1	12
2020-04-27	23	3	26
2020-04-28	13	1	14
2020-04-29	18	3	21
2020-04-30	14	3	17
2020-05-01	21	1	22
2020-05-02	4	2	6
2020-05-03	6	1	7
2020-05-04	8	1	9
2020-05-05	10	2	12
2020-05-06	4	0	4
2020-05-07	3	1	4
2020-05-08	6	0	6
2020-05-09	2	3	5
2020-05-10	5	0	5
2020-05-11	6	2	8
2020-05-12	2	0	2
2020-05-13	4	1	5
2020-05-15	1	0	1
2020-05-17	4	0	4

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-05-18	2	0	2
2020-05-19	2	0	2
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 S5 Raw data for figure seven 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	141	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	93	16
2020-03-26	299	91	6	27
2020-03-27	292	83	19	7
2020-03-28	299	37	14	11

Day	England	Scotland	Wales	Northern Ireland
2020-03-29	339	46	13	5
2020-03-30	481	58	67	6
2020-03-31	442	70	119	7
2020-04-01	402	71	130	0
2020-04-02	413	44	99	1
2020-04-03	416	54	111	0
2020-04-04	336	45	137	1
2020-04-05	346	50	65	0
2020-04-06	428	70	152	13
2020-04-07	396	70	183	0
2020-04-08	344	41	118	0
2020-04-09	293	20	78	0
2020-04-10	303	18	118	11
2020-04-11	256	38	67	8
2020-04-12	206	48	86	7
2020-04-13	239	53	65	5
2020-04-14	309	50	119	0
2020-04-15	302	44	79	8
2020-04-16	283	48	71	0
2020-04-17	213	19	42	0
2020-04-18	109	37	36	0
2020-04-19	139	30	16	1
2020-04-20	151	45	52	2
2020-04-21	111	59	14	12
2020-04-22	121	63	3	14
2020-04-23	82	40	17	0
2020-04-24	48	48	53	0
2020-04-25	48	34	26	0
2020-04-26	77	37	13	0
2020-04-27	127	53	63	0
2020-04-28	81	31	46	0
2020-04-29	163	17	28	0
2020-04-30	156	23	35	0
2020-05-01	200	23	35	0
2020-05-02	98	13	22	0
2020-05-03	61	16	6	0
2020-05-04	111	8	0	0
2020-05-05	68	12	0	0
2020-05-06	77	17	0	0
2020-05-07	75	30	0	0
2020-05-08	41	20	0	0
2020-05-09	40	13	0	0
2020-05-10	36	17	0	0
2020-05-11	66	11	0	0
2020-05-12	38	14	0	0
2020-05-13	39	8	0	0
2020-05-14	14	1	0	0
2020-05-15	16	7	0	0
2020-05-16	7	1	0	0

Day	England	Scotland	Wales	Northern Ireland
2020-05-17	10	7	0	0
2020-05-18	21	3	0	0
2020-05-19	21	8	0	0
2020-05-20	7	8	0	0
2020-05-21	7	4	0	0
2020-05-22	8	2	0	0
2020-05-23	2	4	0	0
2020-05-24	0	2	0	0

Table S6 Raw data for the map 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	23	10-50
ANGUS	Scotland	13	10-50
ANTRIM	Northern Ireland	140	100-150
ARGYLL AND BUTE	Scotland	0	0
ARMAGH	Northern Ireland	12	10-50
BATH AND NORTH EAST SOMERSET	England	0	0
BEDFORDSHIRE	England	417	400-500
BERKSHIRE	England	7	1-10
BLACKBURN WITH DARWEN	England	0	0
BLACKPOOL	England	0	0
BLAENAU GWENT	Wales	46	10-50
BOLTON	England	0	0
BOURNEMOUTH	England	0	0
BRIDGEND	Wales	96	50-100
BRIGHTON AND HOVE	England	0	0
BRISTOL	England	18	10-50
BUCKINGHAMSHIRE	England	348	300-400
BURY	England	0	0
CAERPHILLY	Wales	108	100-150
CAMBRIDGESHIRE	England	656	>500
CARDIFF	Wales	368	300-400
CARMARTHENSHIRE	Wales	80	50-100
CENTRAL BEDFORDSHIRE	England	0	0
CEREDIGION	Wales	16	10-50
CHESHIRE	England	10	10-50
CLACKMANNANSHIRE	Scotland	2	1-10
CONWY	Wales	57	50-100
CORNWALL	England	20	10-50
CUMBRIA	England	31	10-50
DARLINGTON	England	0	0
DENBIGHSHIRE	Wales	86	50-100
DERBY	England	0	0
DERBYSHIRE	England	25	10-50
DEVON	England	283	250-300
DORSET	England	159	150-200
DOWN	Northern Ireland	90	50-100
DUMFRIES AND GALLOWAY	Scotland	54	50-100
DUNDEE	Scotland	93	50-100
DURHAM	England	3	1-10
EAST AYRSHIRE	Scotland	75	50-100
EAST DUNBARTONSHIRE	Scotland	0	0
EAST LoTHIAN	Scotland	54	50-100
EAST RENFREWSHIRE	Scotland	0	0
EAST RIDING OF YORKSHIRE	England	31	10-50
EDINBURGH	Scotland	412	400-500

Admin2	Country	Number of sequences	Sequence group
EILEAN SIAR	Scotland	2	1-10
ESSEX	England	1189	>500
FALKIRK	Scotland	92	50-100
FERMANAGH	Northern Ireland	3	1-10
FIFE	Scotland	42	10-50
FLINTSHIRE	Wales	55	50-100
GATESHEAD	England	0	0
GLASGOW	Scotland	791	>500
GLOUCESTERSHIRE	England	452	400-500
GREATER LONDON	England	2273	>500
GUERNSEY	Channel_islands	41	10-50
GWYNEDD	Wales	51	50-100
HALTON	England	0	0
HAMPSHIRE	England	95	50-100
HARTLEPOOL	England	0	0
HEREFORDSHIRE	England	4	1-10
HERTFORDSHIRE	England	928	>500
HIGHLAND	Scotland	9	1-10
INVERCLYDE	Scotland	0	0
ISLE OF WIGHT	England	0	0
ISLES OF SCILLY	England	0	0
JERSEY	Channel_islands	77	50-100
KENT	England	28	10-50
KINGSTON UPON HULL	England	0	0
LANCASHIRE	England	6	1-10
LEICESTER	England	0	0
LEICESTERSHIRE	England	5	1-10
LINCOLNSHIRE	England	16	10-50
LONDONDERRY	Northern Ireland	15	10-50
LUTON	England	0	0
MANCHESTER	England	30	10-50
MEDWAY	England	0	0
MERSEYSIDE	England	59	50-100
MERTHYR TYDFIL	Wales	52	50-100
MIDDLESBROUGH	England	0	0
MIDLOTHIAN	Scotland	127	100-150
MILTON KEYNES	England	0	0
MONMOUTHSHIRE	Wales	53	50-100
MORAY	Scotland	0	0
NEATH PORT TALBOT	Wales	94	50-100
NEWPORT	Wales	121	100-150
NORFOLK	England	498	400-500
NORTH AYRSHIRE	Scotland	0	0
NORTH LANARKSHIRE	Scotland	158	150-200
NORTH LINCOLNSHIRE	England	0	0
NORTH SOMERSET	England	0	0
NORTH YORKSHIRE	England	53	50-100
NORTHAMPTONSHIRE	England	22	10-50
NORTHUMBERLAND	England	2	1-10

Admin2	Country	Number of sequences	Sequence group
NOTTINGHAM	England	559	>500
NOTTINGHAMSHIRE	England	58	50-100
OLDHAM	England	0	0
ORKNEY ISLANDS	Scotland	1	1-10
OXFORDSHIRE	England	97	50-100
PEMBROKESHIRE	Wales	62	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	46	10-50
REDCAR AND CLEVELAND	England	0	0
RENFREWSHIRE	Scotland	209	200-250
RHONDDA, CYNON, TAFF	Wales	0	0
ROCHDALE	England	0	0
RUTLAND	England	0	0
SALFORD	England	0	0
SCOTTISH BORDERS	Scotland	128	100-150
SHETLAND ISLANDS	Scotland	14	10-50
SHROPSHIRE	England	1	1-10
SOMERSET	England	338	300-400
SOUTH AYLESHAM	England	0	0
SOUTH AYRSHIRE	Scotland	0	0
SOUTH GLOUCESTERSHIRE	England	0	0
SOUTH LANARKSHIRE	Scotland	4	1-10
SOUTH YORKSHIRE	England	1165	>500
SOUTHAMPTON	England	0	0
SOUTHEND-ON-SEA	England	0	0
STAFFORDSHIRE	England	28	10-50
STIRLING	Scotland	0	0
STOCKPORT	England	0	0
STOCKTON-ON-TEES	England	0	0
STOKE-ON-TRENT	England	0	0
SUFFOLK	England	484	400-500
SURREY	England	60	50-100
SUSSEX	England	1	1-10
SWANSEA	Wales	223	200-250
SWINDON	England	0	0
TAMESIDE	England	0	0
TELFORD AND WREKIN	England	0	0
THURROCK	England	0	0
TORBAY	England	0	0
TORFAEN	Wales	76	50-100
TRAFFORD	England	0	0
TYNE AND WEAR	England	38	10-50
TYRONE	Northern Ireland	15	10-50
VALE OF GLAMORGAN	Wales	137	100-150
WARRINGTON	England	0	0
WARWICKSHIRE	England	10	10-50

Admin2	Country	Number of sequences	Sequence group
WEST DUNBARTONSHIRE	Scotland	0	0
WEST LoTHIAN	Scotland	92	50-100
WEST MIDLANDS	England	89	50-100
WEST YORKSHIRE	England	20	10-50
WIGAN	England	0	0
WILTSHIRE	England	243	200-250
WORCESTERSHIRE	England	7	1-10
WREXHAM	Wales	73	50-100
YORK	England	0	0