UK lineages summary report

This report gives summaries of UK specific lineages for week 2020-05-15. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-05-10. The analysis (eg time since last sample) is therefore undertaken from this date. 15866 sequences in the UK have been included in this analysis. 7350 lineages have been recorded, 6154 of which only contain one sequence.

Note: 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.

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

6999 are lineages which only contained five sequences or fewer, and so have been left out of visualisation in the interests of clarity

Of the 351 that remain: 166 are pending extinction, ie last seen three weeks ago. 82 have not been seen for more than one month, and so are viewed as extinct, but will continue to be monitored. 67 lineages have gone quiet, ie haven't been seen this week. 6 lineages have reactivated. 30 lineages have been continuously circulating.

The following table contains information about lineages and the number of sequences in each country in the UK for each lineage, in reverse size order. 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.

It is also written to "summary_files" as "lineage_summary.tsv" for further use.

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK2461	0 (0%)	402 (70.28%)	69 (12.06%)	101 (17.66%)	Mar-09, May-08	572	B.1.11	2
UK5	2 (0.36%)	433 (77.88%)	46 (8.27%)	75 (13.49%)	Mar-09, May-06	556	B.1.1, B.1	4
UK6997	0 (0%)	14 (4.07%)	0 (0%)	330 (95.93%)	Mar-10, Apr-21	344	B.2, B.3, B	19
UK30	1 (0.53%)	46 (24.21%)	142 (74.74%)	1 (0.53%)	Mar-18, May-04	190	B.1	6
UK76	0 (0%)	1 (0.8%)	124 (99.2%)	0 (0%)	Mar-16, Apr-28	125	B.1.35, B.1	12
UK67	0 (0%)	19 (15.32%)	0 (0%)	105 (84.68%)	Mar-20, Apr-20	124	B.1, B.1.24	20
UK10	0 (0%)	8 (7.14%)	2 (1.79%)	102 (91.07%)	Mar-07, Apr-22	112	B.1.35, B.1.5.6	18
UK45	0 (0%)	5 (5.81%)	81 (94.19%)	0 (0%)	Mar-13, Apr-28	86	B	12
UK7139	0 (0%)	85 (98.84%)	0 (0%)	1 (1.16%)	Mar-18, Apr-29	86	B.1.47, B.1	11
UK18	0 (0%)	69 (94.52%)	0 (0%)	4 (5.48%)	Mar-11, Apr-20	73	B.2.4, B.2	20
UK24	0 (0%)	68 (100.0%)	0 (0%)	0 (0%)	Mar-15, Apr-21	68	B.2.1, B.2, B.2.5	19

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK58	46 (69.7%)	13 (19.7%)	7 (10.61%)	0 (0%)	Mar-13, Apr-22	66	B.10	18
UK74	0 (0%)	62 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-08	62	B.1	2
UK61	0 (0%)	59 (98.33%)	0 (0%)	1 (1.67%)	Mar-17, May-03	60	B.1.30	7
UK4	0 (0%)	49 (81.67%)	0 (0%)	11 (18.33%)	Mar-02, May-01	60	B.8	9
UK159	0 (0%)	55 (96.49%)	0 (0%)	2 (3.51%)	Mar-18, May-06	57	B.1	4
UK105	0 (0%)	55 (98.21%)	0 (0%)	1 (1.79%)	Mar-11, Apr-18	56	B.1.53	22
UK139	0 (0%)	54 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-17	54	B.1.47, B.1	23
UK47	0 (0%)	50 (94.34%)	3 (5.66%)	0 (0%)	Mar-12, Apr-23	53	B.3	17
UK133	0 (0%)	50 (98.04%)	0 (0%)	1 (1.96%)	Mar-15, Apr-20	51	B.2.1	20
UK41	0 (0%)	0 (0%)	51 (100.0%)	0 (0%)	Mar-12, Apr-27	51	A.2	13
UK142	0 (0%)	29 (58.0%)	21 (42.0%)	0 (0%)	Mar-26, May-08	50	B.1.55	2
UK1373	0 (0%)	49 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-17	49	B.1	23
UK9	0 (0%)	49 (100.0%)	0 (0%)	0 (0%)	Feb-24, Apr-30	49	B.1	10
UK15	0 (0%)	0 (0%)	0 (0%)	47 (100.0%)	Mar-25, Apr-21	47	B.1.44, B.1	19
UK3734	0 (0%)	47 (100.0%)	0 (0%)	0 (0%)	Mar-20, May-02	47	B.1.47, B.1	8
UK126	0 (0%)	47 (100.0%)	0 (0%)	0 (0%)	Mar-12, Apr-19	47	B.2.1, B.2	21
UK6502	0 (0%)	43 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-14	43	B.1	26
UK3701	0 (0%)	43 (100.0%)	0 (0%)	0 (0%)	Mar-20, May-05	43	B.1.47, B.1	5
UK7687	0 (0%)	42 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-26	42	B.1	14
UK7880	0 (0%)	42 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-01	42	B.1.1	9

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK14	0 (0%)	38 (90.48%)	2 (4.76%)	2 (4.76%)	Mar-03, May-01	42	B	9
UK7138	0 (0%)	39 (95.12%)	0 (0%)	2 (4.88%)	Mar-15, Apr-20	41	B.1.47, B.1	20
UK20	3 (7.5%)	1 (2.5%)	34 (85.0%)	2 (5.0%)	Mar-14, Apr-10	40	B.2	30
UK2	0 (0%)	39 (100.0%)	0 (0%)	0 (0%)	Mar-01, Apr-27	39	B.1.20	13
UK51	1 (2.56%)	0 (0%)	38 (97.44%)	0 (0%)	Mar-17, May-01	39	B	9
UK3738	0 (0%)	38 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	38	B.1.52	25
UK52	0 (0%)	33 (89.19%)	0 (0%)	4 (10.81%)	Mar-11, Apr-14	37	B	26
UK135	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-17	36	B.1.13	23
UK4931	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-26	36	B.2.1	14
UK7902	0 (0%)	36 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-16	36	B.1.1	24
UK836	0 (0%)	34 (100.0%)	0 (0%)	0 (0%)	Mar-11, Apr-21	34	B.1.56	19
UK2060	0 (0%)	33 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-06	33	B.1.5.5	4
UK2572	0 (0%)	33 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-06	33	B.1.11	4
UK35	0 (0%)	4 (12.5%)	13 (40.62%)	15 (46.88%)	Mar-19, May-01	32	B.1.5.6	9
UK3737	0 (0%)	32 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-28	32	B.1	12
UK44	0 (0%)	31 (100.0%)	0 (0%)	0 (0%)	Mar-19, May-01	31	B.2	9
UK369	0 (0%)	30 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-29	30	B.1	11
UK111	0 (0%)	29 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-05	29	B.1	35
UK8	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Mar-05, Apr-07	28	B.2.1	33
UK112	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Mar-12, May-01	28	B.9, B	9

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK162	0 (0%)	28 (100.0%)	0 (0%)	0 (0%)	Feb-25, Apr-01	28	B.2.1	39
UK350	0 (0%)	27 (100.0%)	0 (0%)	0 (0%)	Mar-24, May-02	27	B.1	8
UK72	0 (0%)	26 (100.0%)	0 (0%)	0 (0%)	Mar-21, May-08	26	B.1.47, B.1	2
UK53	0 (0%)	25 (96.15%)	1 (3.85%)	0 (0%)	Mar-10, Apr-17	26	B.2.1	23
UK96	0 (0%)	25 (96.15%)	1 (3.85%)	0 (0%)	Mar-19, Apr-27	26	B.1	13
UK3740	0 (0%)	25 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-17	25	B.1.47, B.1	23
UK4137	0 (0%)	1 (4.0%)	0 (0%)	24 (96.0%)	Apr-01, Apr-16	25	B.1.47, B.1.52, B.1	24
UK3747	0 (0%)	15 (62.5%)	0 (0%)	9 (37.5%)	Apr-01, Apr-30	24	B.1.51	10
UK3572	0 (0%)	0 (0%)	0 (0%)	24 (100.0%)	Mar-30, Apr-20	24	B.1	20
UK173	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-19	24	B.1.47, B.1	21
UK123	0 (0%)	18 (75.0%)	1 (4.17%)	5 (20.83%)	Mar-01, Apr-14	24	B.1.47, B.1	26
UK3759	0 (0%)	23 (95.83%)	1 (4.17%)	0 (0%)	Mar-23, Apr-30	24	B.1	10
UK2900	0 (0%)	0 (0%)	22 (95.65%)	1 (4.35%)	Mar-22, Apr-29	23	B.1	11
UK1970	0 (0%)	0 (0%)	23 (100.0%)	0 (0%)	Apr-08, Apr-30	23	B.1.5	10
UK129	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-21	22	B.1	19
UK63	0 (0%)	0 (0%)	14 (63.64%)	8 (36.36%)	Mar-18, Apr-18	22	B.1	22
UK3761	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-08	22	B.1.47, B.1	2
UK49	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-17, Apr-26	22	B.1.34, B.1	14
UK140	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-19	22	B.1	21
UK34	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	22	B.2.1	38
UK60	0 (0%)	0 (0%)	22 (100.0%)	0 (0%)	Mar-18, May-08	22	B.1.40	2

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK66	0 (0%)	2 (9.52%)	19 (90.48%)	0 (0%)	Mar-12, Apr-27	21	B	13
UK7121	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-06	21	B.1.47, B.1	4
UK131	0 (0%)	21 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-16	21	B.1	24
UK50	0 (0%)	20 (95.24%)	0 (0%)	1 (4.76%)	Mar-13, Apr-05	21	B.2.1	35
UK36	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-31, May-09	20	B.1	1
UK165	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Feb-27, Mar-08	20	B.1.35, B.1	63
UK153	0 (0%)	17 (85.0%)	2 (10.0%)	1 (5.0%)	Mar-21, Apr-26	20	B.1.5	14
UK197	0 (0%)	0 (0%)	0 (0%)	20 (100.0%)	Apr-01, Apr-20	20	B.1	20
UK3906	0 (0%)	19 (95.0%)	1 (5.0%)	0 (0%)	Mar-23, Apr-29	20	B.1.47, B.1	11
UK46	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-25	19	B.1	15
UK7899	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Apr-18, May-02	19	B.1.1	8
UK3854	0 (0%)	14 (73.68%)	1 (5.26%)	4 (21.05%)	Mar-02, Apr-16	19	B.1	24
UK2810	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Apr-12, May-06	19	B.1	4
UK6668	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	19	B.1	27
UK89	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Mar-13, Apr-20	19	B.1	20
UK3193	0 (0%)	19 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-26	19	B.1	14
UK1292	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-10	18	B.1.47, B.1	30
UK114	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	18	B.2.1	24
UK5303	1 (5.56%)	4 (22.22%)	2 (11.11%)	11 (61.11%)	Mar-20, Apr-20	18	B.2.2	20
UK1312	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Mar-20, May-02	18	B.1	8
UK2576	0 (0%)	1 (5.56%)	17 (94.44%)	0 (0%)	Apr-06, Apr-30	18	B.1.11	10

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK31	0 (0%)	15 (83.33%)	1 (5.56%)	2 (11.11%)	Mar-21, Apr-13	18	B.3	27
UK3778	0 (0%)	1 (5.56%)	17 (94.44%)	0 (0%)	Mar-25, May-03	18	B.1.47, B.1	7
UK187	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Feb-28, Apr-04	18	B.2.1, B.2	36
UK3728	0 (0%)	12 (66.67%)	0 (0%)	6 (33.33%)	Mar-01, Apr-20	18	B.1.47, B.1	20
UK1458	0 (0%)	0 (0%)	0 (0%)	17 (100.0%)	Mar-27, Apr-18	17	B.1.47, B.1	22
UK109	0 (0%)	5 (29.41%)	4 (23.53%)	8 (47.06%)	Mar-09, Apr-16	17	B.1	24
UK715	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-18	17	B.1.5	22
UK3760	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Apr-04, May-06	17	B.1	4
UK3471	0 (0%)	0 (0%)	0 (0%)	17 (100.0%)	Mar-24, Apr-11	17	B.1	29
UK3831	0 (0%)	14 (87.5%)	2 (12.5%)	0 (0%)	Mar-28, Apr-15	16	B.1	25
UK976	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-18	16	B.1.47	22
UK22	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-30, May-07	16	B.1.47, B.1	3
UK12	0 (0%)	0 (0%)	16 (100.0%)	0 (0%)	Mar-06, Mar-20	16	B.1	51
UK21	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	16	B.2	26
UK93	0 (0%)	0 (0%)	16 (100.0%)	0 (0%)	Mar-21, Apr-22	16	B.1.49	18
UK205	0 (0%)	11 (68.75%)	4 (25.0%)	1 (6.25%)	Mar-27, Apr-27	16	B.1	13
UK3914	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Apr-16, May-08	15	B.1.47, B.1	2
UK3886	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-09	15	B.1	31
UK3888	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-16	15	B.1	24
UK3707	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Apr-08, May-04	15	B.1.47, B.1	6
UK1065	0 (0%)	14 (93.33%)	1 (6.67%)	0 (0%)	Feb-13, Apr-22	15	B.2	18

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK2270	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-28	15	B.1	12
UK5700	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-17	15	B.1.47, B.1	23
UK1231	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-14	15	B.1	26
UK2062	0 (0%)	0 (0%)	14 (100.0%)	0 (0%)	Apr-18, May-03	14	B.1.5	7
UK2571	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-01, May-05	14	B.1.11	5
UK146	0 (0%)	0 (0%)	0 (0%)	14 (100.0%)	Mar-18, Apr-16	14	B.2.2	24
UK110	0 (0%)	0 (0%)	0 (0%)	14 (100.0%)	Mar-25, Apr-12	14	B.1	28
UK3860	0 (0%)	0 (0%)	0 (0%)	14 (100.0%)	Apr-05, Apr-20	14	B.1	20
UK3298	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	14	B.1.56	16
UK4172	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	13	B.1.47, B.1	66
UK37	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-16	13	B.1	24
UK1124	0 (0%)	12 (92.31%)	0 (0%)	1 (7.69%)	Mar-31, Apr-25	13	B.1	15
UK104	0 (0%)	4 (30.77%)	0 (0%)	9 (69.23%)	Mar-23, Apr-14	13	B.1.47, B.1	26
UK1433	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Feb-15, Apr-02	13	B.4	38
UK668	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-23	13	B.1	17
UK3827	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-11	13	B.1	29
UK1849	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	57
UK291	0 (0%)	0 (0%)	0 (0%)	12 (100.0%)	Mar-30, Apr-20	12	B.1	20
UK2899	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-30	12	B.1	10
UK38	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	12	B.1	38
UK77	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-17	12	B.1	23
UK7900	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-20, May-05	12	B.1.1	5

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UK3754	0 (0%)	11 (91.67%)	0 (0%)	1 (8.33%)	Mar-27, Apr-22	12	B.1	18
UK2878	0 (0%)	0 (0%)	0 (0%)	12 (100.0%)	Mar-30, Apr-16	12	B.1	24
UK3708	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-23	12	B.1.48, B.1.47, B.1	17
UK1184	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-15, May-03	12	B.1.47, B.1	7
UK566	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-01, May-02	12	B.1.47, B.1	8
UK3568	0 (0%)	0 (0%)	0 (0%)	12 (100.0%)	Apr-07, Apr-20	12	B.1	20
UK3921	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-27	12	B.1.47, B.1	13
UK179	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-08, Apr-27	12	B.1.10	13
UK2867	0 (0%)	0 (0%)	0 (0%)	12 (100.0%)	Apr-05, Apr-20	12	B.1	20
UK3767	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	12	B.1.47, B.1	20
UK939	7 (58.33%)	1 (8.33%)	3 (25.0%)	1 (8.33%)	Mar-11, Apr-02	12	B	38
UK3731	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-19	12	B.1.47, B.1	21
UK899	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	11	B.2.1, B.2	34
UK6570	0 (0%)	0 (0%)	0 (0%)	11 (100.0%)	Apr-06, Apr-16	11	B.1	24
UK1586	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-19, Apr-08	11	A.3	32
UK43	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	11	B.2.1, B.2	27
UK184	0 (0%)	0 (0%)	0 (0%)	11 (100.0%)	Mar-31, Apr-13	11	B.1	27
UK3755	0 (0%)	8 (72.73%)	0 (0%)	3 (27.27%)	Mar-31, Apr-24	11	B.1	16
UK4002	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-03	11	B.1	7
UK1179	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-17	11	B.1	23
UK2840	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-13	11	B.1	27
UK3774	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-20, Apr-21	11	B.1.47, B.1	19

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UK1686	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	11	B.3	28
UK3197	0 (0%)	0 (0%)	0 (0%)	11 (100.0%)	Mar-30, Apr-13	11	B.1	27
UK196	0 (0%)	8 (72.73%)	1 (9.09%)	2 (18.18%)	Mar-26, Apr-18	11	B.1	22
UK28	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-23	11	B.1.47, B.1	17
UK94	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	11	B.2	29
UK132	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-13, Apr-05	11	B.2	35
UK7809	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	11	B.1.10	10
UK4110	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-28	11	B.1.47, B.1	43
UK7	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-07, Apr-03	11	B.8, B	37
UK118	0 (0%)	8 (72.73%)	2 (18.18%)	1 (9.09%)	Mar-17, Apr-13	11	B.2	27
UK3765	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-28	11	B.1	12
UK3710	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-16	11	B.1.47, B.1	24
UK1258	0 (0%)	2 (18.18%)	0 (0%)	9 (81.82%)	Mar-28, Apr-20	11	B.1	20
UK720	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Feb-28, Mar-08	10	B.2.1, B.2	63
UK4735	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-14	10	B.1	26
UK575	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-29	10	B.8	11
UK3411	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-06, Apr-28	10	B.1	12
UK5735	0 (0%)	0 (0%)	0 (0%)	10 (100.0%)	Apr-02, Apr-20	10	B.1	20
UK4088	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-14	10	B.1	26
UK351	0 (0%)	0 (0%)	0 (0%)	10 (100.0%)	Apr-01, Apr-16	10	B.1	24
UK2025	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-05, Apr-22	10	B.1.5	18
UK2038	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-13, Apr-29	10	B.1.5	11
UK5914	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-24, May-08	10	B.1.5	2

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK5381	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Mar-24, Apr-21	10	B.2	19
UK13	1 (10.0%)	7 (70.0%)	1 (10.0%)	1 (10.0%)	Mar-03, Apr-10	10	B.2	30
UK1687	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-06, Apr-06	10	B.3	34
UK3703	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-03	10	B.1.47, B.1	7
UK42	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-23	10	B.1	48
UK690	1 (10.0%)	9 (90.0%)	0 (0%)	0 (0%)	Mar-26, Apr-07	10	B.1.56	33
UK7113	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-06	9	B.1	4
UK7915	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-23	9	B.1.1	17
UK6397	3 (33.33%)	5 (55.56%)	1 (11.11%)	0 (0%)	Mar-22, Apr-21	9	B.1	19
UK629	0 (0%)	8 (88.89%)	0 (0%)	1 (11.11%)	Mar-17, Apr-11	9	B.1	29
UK2240	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	9	B.1	28
UK3716	0 (0%)	7 (77.78%)	2 (22.22%)	0 (0%)	Apr-01, Apr-28	9	B.1.47, B.1	12
UK25	0 (0%)	7 (77.78%)	1 (11.11%)	1 (11.11%)	Mar-10, Apr-17	9	B.2, B.2.2	23
UK69	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-15, Apr-17	9	B.2.1	23
UK3812	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-12	9	B.1.47, B.1	28
UK2161	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-06	9	B.1.13	34
UK29	0 (0%)	2 (22.22%)	0 (0%)	7 (77.78%)	Mar-25, Apr-14	9	B.3	26
UK3736	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-09, May-01	9	B.1	9
UK2279	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-17	9	B.1	23
UK124	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-23, Mar-30	9	B.1	41
UK57	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-16, Mar-27	9	B.8	44
UK5511	0 (0%)	2 (22.22%)	0 (0%)	7 (77.78%)	Mar-23, Apr-14	9	B.2.5	26

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK4930	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-08	9	B.2.1	32
UK730	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-20	9	B.1	20
UK3209	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-21	9	B.1	19
UK6669	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-11	8	B.1	29
UK3704	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-13, May-03	8	B.1.47, B.1	7
UK5944	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Apr-24, May-06	8	B.1.5	4
UK4055	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	8	B.1	11
UK200	0 (0%)	7 (87.5%)	0 (0%)	1 (12.5%)	Mar-04, Apr-14	8	B.2.1	26
UK3771	0 (0%)	5 (62.5%)	3 (37.5%)	0 (0%)	Mar-30, Apr-22	8	B.1.49, B.1	18
UK1112	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-03	8	B.1.13	37
UK1980	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-07	8	B.1.5	3
UK3994	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-15, Apr-16	8	B.1.47, B.1	24
UK1420	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-30	8	B.1	10
UK33	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-16	8	B.2.1	24
UK3782	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-11, May-02	8	B.1.47, B.1	8
UK3810	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-08	8	B.1	32
UK1961	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Apr-20, May-06	8	B.1.5	4
UK2024	0 (0%)	0 (0%)	6 (75.0%)	2 (25.0%)	Mar-18, Apr-15	8	B.1.5, A	25
UK1252	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-10	8	B	30
UK6254	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-07, Apr-14	8	B.1	26
UK560	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-14	8	B.2	26

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK208	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-15	8	B.2.1	25
UK613	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-15	8	B.1	25
UK3678	0 (0%)	4 (50.0%)	0 (0%)	4 (50.0%)	Mar-23, Apr-06	8	B.1	34
UK876	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Mar-24, Apr-20	8	B.1.5	20
UK8080	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-16	8	B.1.47, B.1	24
UK6140	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-09, Apr-21	8	B.1	19
UK502	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-09	8	B.3	31
UK4075	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-26	8	B.1	14
UK7881	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-17	8	B.1.1	23
UK1632	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	8	B.4	63
UK5302	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-11, Apr-22	8	B.2.2	18
UK4643	0 (0%)	6 (75.0%)	1 (12.5%)	1 (12.5%)	Mar-12, Apr-08	8	B.1.47, B.1	32
UK2910	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-27	8	B.1	13
UK3662	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-02, May-04	8	B.1.47, B.1	6
UK78	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-10, Apr-06	8	B.2.1	34
UK5386	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-03, Apr-21	8	B.2	19
UK32	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-05, Apr-17	7	B.2.2	23
UK4816	0 (0%)	1 (14.29%)	6 (85.71%)	0 (0%)	Apr-02, Apr-26	7	B.1	14
UK4131	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Apr-02, Apr-17	7	B.1	23
UK1390	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Apr-01, Apr-20	7	B.2.1	20
UK130	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-17, Mar-27	7	B.2.1, B.2	44
UK7827	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-28, Apr-13	7	B.1.10	27
UK206	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-25, May-05	7	B.1	5

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK3898	0 (0%)	4 (57.14%)	0 (0%)	3 (42.86%)	Apr-04, Apr-20	7	B.1.47, B.1	20
UK3192	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-15	7	B.1	25
UK7751	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Mar-30, Apr-17	7	B.1.52, B.1	23
UK7903	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-16, May-08	7	B.1.1	2
UK3733	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-29	7	B.1	11
UK3822	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-16	7	B.1	24
UK8097	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-06	7	B.1.50	34
UK3699	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-15, May-01	7	B.1	9
UK4141	0 (0%)	5 (71.43%)	0 (0%)	2 (28.57%)	Mar-28, Apr-27	7	B.1	13
UK1676	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-26, Apr-16	7	B.3	24
UK158	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-10, Mar-18	7	B.2.1	53
UK2160	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-20	7	B.1.13	20
UK4932	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	7	B.2.1	21
UK2577	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-29, Apr-22	7	B.1.11	18
UK2869	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Apr-01, Apr-19	7	B.1	21
UK3829	0 (0%)	6 (85.71%)	0 (0%)	1 (14.29%)	Mar-23, Apr-13	7	B.1	27
UK48	0 (0%)	6 (85.71%)	0 (0%)	1 (14.29%)	Mar-06, Apr-11	7	B.2	29
UK3640	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-22, May-04	7	B.1.47, B.1	6
UK7748	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Mar-31, Apr-13	7	B.1	27
UK3656	0 (0%)	0 (0%)	0 (0%)	7 (100.0%)	Mar-31, Apr-16	7	B.1.50	24
UK23	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-11, Apr-08	7	B.2.2, B	32
UK1444	0 (0%)	2 (28.57%)	0 (0%)	5 (71.43%)	Mar-22, Apr-12	7	B.2	28

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK978	0 (0%)	2 (28.57%)	0 (0%)	5 (71.43%)	Mar-20, Apr-09	7	B.2.1	31
UK3299	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-17	7	B.1.56	23
UK99	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-27	7	B.1	13
UK2070	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-15, Apr-27	7	B.1.5	13
UK552	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-08	7	B.1.47, B.1	32
UK6150	0 (0%)	5 (71.43%)	1 (14.29%)	1 (14.29%)	Mar-12, Apr-12	7	B.1	28
UK1631	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Feb-28, Mar-05	7	B.4	66
UK3709	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-09, Apr-22	7	B.1.47, B.1	18
UK5701	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-23	7	B.1	17
UK2163	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-17	7	B.1.13	23
UK3986	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-11	7	B.1	29
UK4099	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-17	7	B.1	23
UK7906	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-19, May-03	6	B.1.1	7
UK3801	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-05	6	B.1.47, B.1	5
UK7904	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, May-05	6	B.1.1	5
UK4807	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	6	B.1	25
UK3805	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1	27
UK4228	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-14	6	B.1	26
UK4738	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-17	6	B.1	23
UK1698	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-16	6	B.3	24
UK5596	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B	41
UK103	0 (0%)	1 (16.67%)	5 (83.33%)	0 (0%)	Mar-21, Apr-28	6	B.1	12

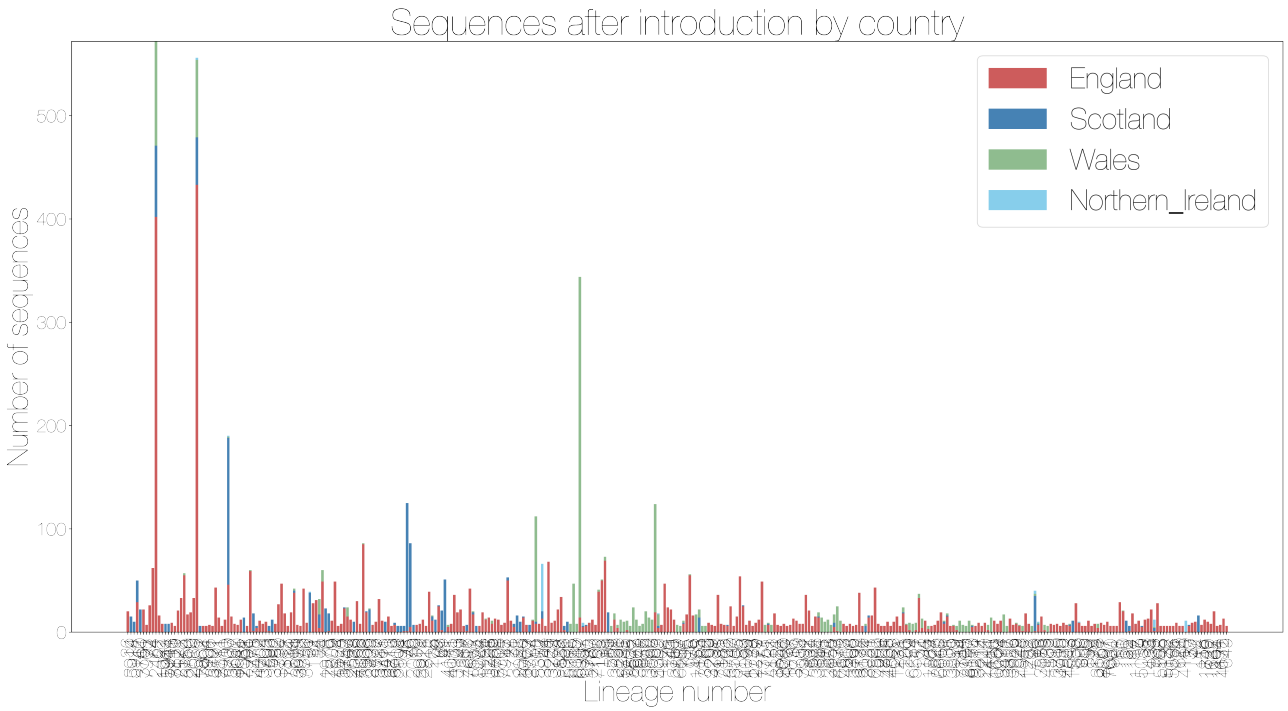
Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK2594	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-01, Apr-28	6	B.1.11	12
UK5908	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-11, Apr-28	6	B.1.5	12
UK6587	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-07, Apr-19	6	B.1	21
UK8084	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-25	6	B.1	15
UK356	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-07	6	B.2.1	33
UK4806	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-14	6	B.1	26
UK793	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-06, Apr-10	6	B.1	30
UK19	0 (0%)	2 (33.33%)	0 (0%)	4 (66.67%)	Mar-06, Apr-13	6	B.1	27
UK1494	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	64
UK1962	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-23, May-05	6	B.1.5	5
UK4946	0 (0%)	1 (16.67%)	0 (0%)	5 (83.33%)	Mar-31, Apr-11	6	B.2.1	29
UK5039	0 (0%)	5 (83.33%)	1 (16.67%)	0 (0%)	Mar-18, Apr-02	6	B.2.1, B	38
UK120	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Mar-31	6	B.1	40
UK189	0 (0%)	1 (16.67%)	5 (83.33%)	0 (0%)	Mar-27, Apr-04	6	B.1.47, B.1	36
UK2916	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-05, Apr-11	6	B.1	29
UK54	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-14, Mar-28	6	B.2.1	43
UK2920	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Mar-25, Apr-13	6	B.1	27
UK198	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	6	B.2.2	34
UK115	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-16, Apr-06	6	B.8	34
UK4133	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Mar-27, Apr-09	6	B.1	31
UK804	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-14	6	B.1	26
UK3795	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-08	6	B.1	32
UK204	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-12	6	B.1.13	28

Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK5598	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-19, Mar-31	6	B.3	40
UK134	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-19, May-02	6	B.2.1	8
UK188	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	6	B.2	35
UK3366	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-15	6	B.1.10, B.1	25
UK3849	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Mar-31, Apr-20	6	B.1	20
UK3862	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-06, Apr-18	6	B.1	22
UK7184	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-10, Apr-18	6	B.1.5, B.1	22
UK3587	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-17	6	B.1.47, B.1	23
UK367	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-08, Apr-26	6	B.1	14
UK3813	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-28	6	B.1	12
UK864	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	6	B.2.1	27
UK3176	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-15, Apr-15	6	B.1.47, B.1	25
UK1075	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Mar-30	6	B.1	41
UK7630	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-05	6	B.8	35
UK951	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-05	6	B.1	35
UK473	0 (0%)	4 (66.67%)	2 (33.33%)	0 (0%)	Mar-29, May-03	6	B.1.47, B.1	7
UK4737	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-11, Apr-16	6	B.1	24
UK693	0 (0%)	1 (16.67%)	5 (83.33%)	0 (0%)	Mar-31, May-02	6	B.1.11	8
UK561	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-04, Apr-20	6	B.1	20
UK7805	0 (0%)	0 (0%)	0 (0%)	6 (100.0%)	Apr-03, Apr-20	6	B.1.10	20
UK1109	0 (0%)	3 (50.0%)	0 (0%)	3 (50.0%)	Mar-21, Apr-13	6	B.2.1	27
UK3873	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-11, May-01	6	B.1	9

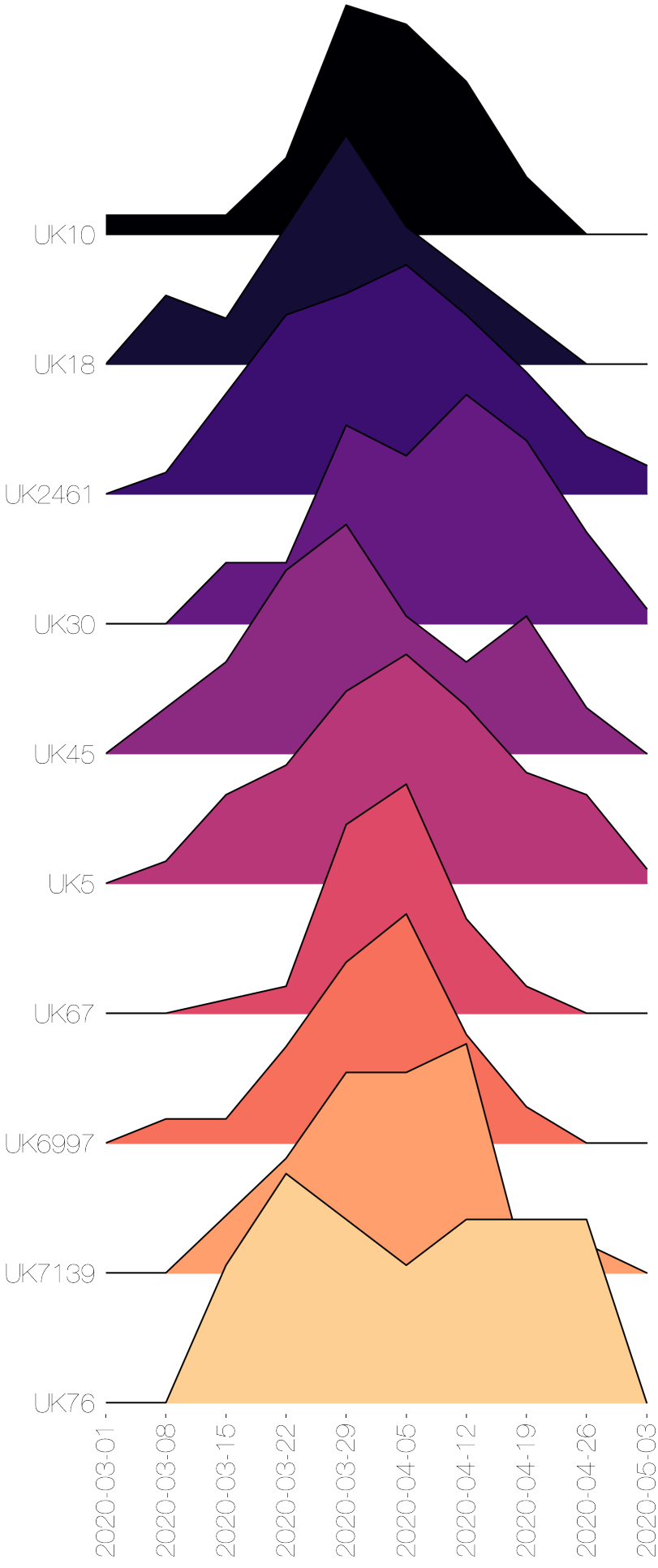
Lineage name	Northern Ireland	England	Scotland	Wales	Date range	Total sequences	Global lineage	Time since last sample (days)
UK2815	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-27	6	B.1	13
UK5132	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B.2.1, B.2	41
UK620	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-24, Mar-29	6	B.2.1	42
UK2956	0 (0%)	2 (33.33%)	4 (66.67%)	0 (0%)	Mar-31, Apr-21	6	B.1	19
UK5738	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-17	6	B.1	23
UK634	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-16	6	B.1	24
UK4624	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-20, Apr-30	6	B.1	10
UK3844	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	6	B.1	19
UK174	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-23, Apr-14	6	B.1.47, B.1	26
UK1975	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-13, Apr-25	6	B.1.5	15
UK3191	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-28, May-05	6	B.1.47, B.1	5
UK649	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-04, Mar-04	6	B.1	67
UK8274	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-12	6	B.1	28
UK3711	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-10, May-05	6	B.1.47, B.1	5
UK3839	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-29, May-06	6	B.1	4

These data is represented in the stacked bar chart below. 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.

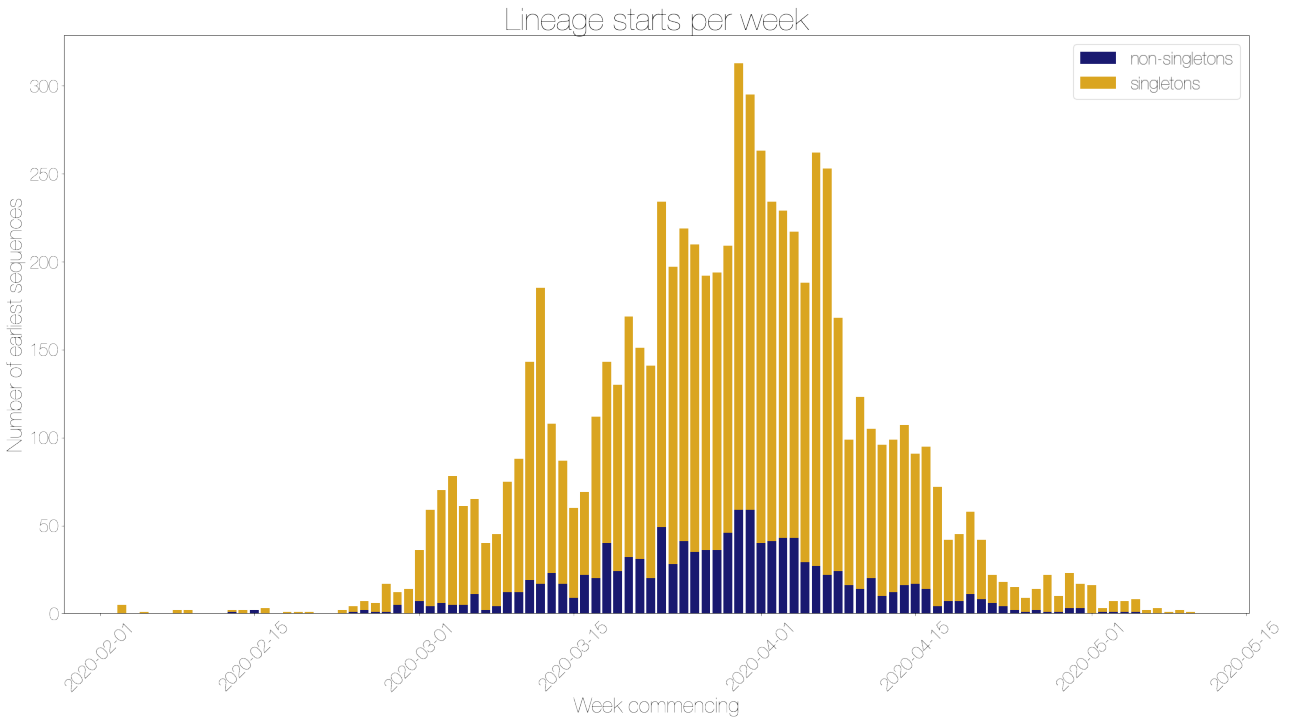


The relative growth and decline of the ten most sampled lineages in terms of number of counties they are present in is shown below. The raw data for the plot is shown below it, with each column representing a lineage, and the number of admin2 regions it is present in in each week.


UK10
UK18
UK2461
UK30
UK45
UK5
UK67
UK6997
UK7139
UK76
2020-03-01
2020-03-08
2020-03-15
2020-03-22
2020-03-29
2020-04-05
2020-04-12
2020-04-19
2020-04-26
2020-05-03

Week commencing	UK2461	UK5	UK6997	UK30	UK76	UK67	UK10	UK45	UK7139	UK18
2020-03-01	0	0	0	0	0	0	1	0	0	0
2020-03-08	3	3	2	0	0	0	1	1	0	3
2020-03-15	14	12	2	4	3	1	1	2	2	2
2020-03-22	25	16	8	4	5	2	4	4	4	6
2020-03-29	28	26	15	13	4	14	12	5	7	10
2020-04-05	32	31	19	11	3	17	11	3	7	6
2020-04-12	25	24	9	15	4	7	8	2	8	4
2020-04-19	17	15	3	12	4	2	3	3	0	2
2020-04-26	8	12	0	6	4	0	0	1	1	0
2020-05-03	4	2	0	1	0	0	0	0	0	0

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

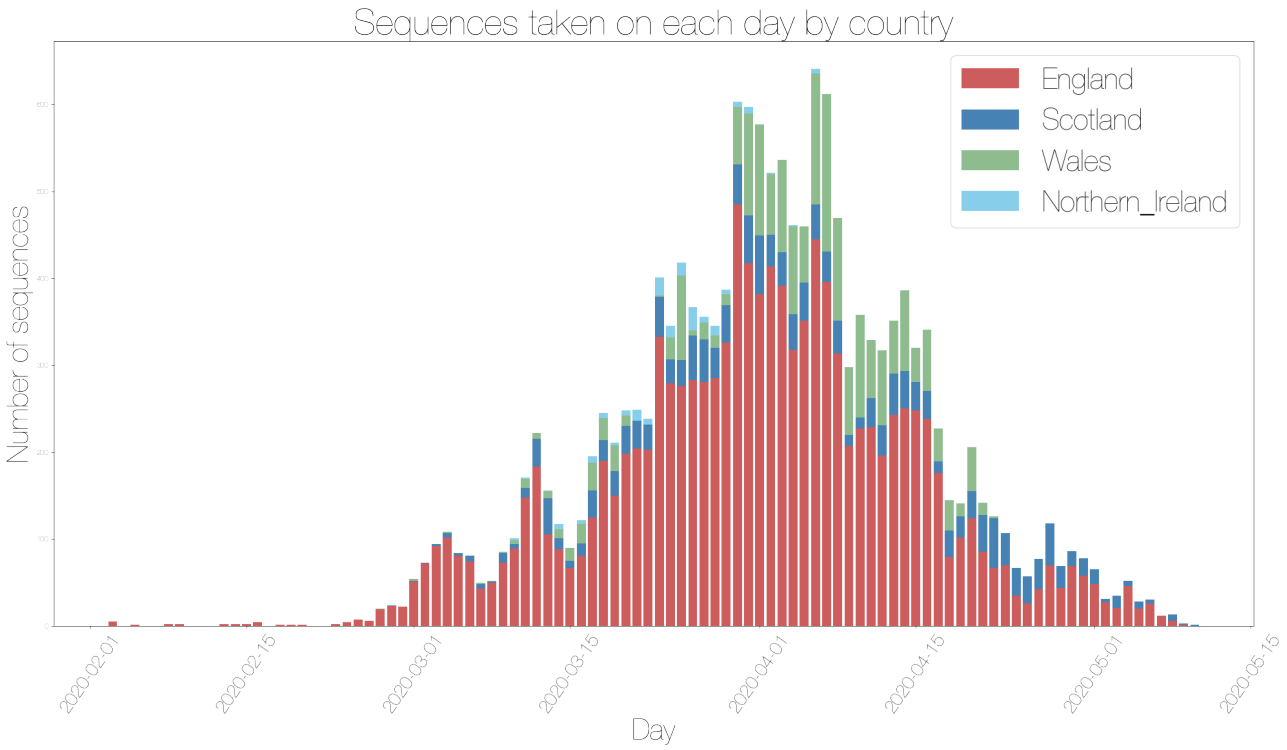


Day	Number of singleton starts	Number of non-singleton starts	Total
2020-02-03	5	0	5
2020-02-05	1	0	1
2020-02-08	2	0	2
2020-02-09	2	0	2
2020-02-13	1	1	2
2020-02-14	2	0	2
2020-02-15	0	2	2
2020-02-16	3	0	3
2020-02-18	1	0	1
2020-02-19	1	0	1
2020-02-20	1	0	1
2020-02-23	2	0	2

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-02-24	3	1	4
2020-02-25	5	2	7
2020-02-26	5	1	6
2020-02-27	16	1	17
2020-02-28	7	5	12
2020-02-29	14	0	14
2020-03-01	29	7	36
2020-03-02	55	4	59
2020-03-03	64	6	70
2020-03-04	73	5	78
2020-03-05	56	5	61
2020-03-06	54	11	65
2020-03-07	38	2	40
2020-03-08	41	4	45
2020-03-09	63	12	75
2020-03-10	76	12	88
2020-03-11	124	19	143
2020-03-12	168	17	185
2020-03-13	85	23	108
2020-03-14	70	17	87
2020-03-15	51	9	60
2020-03-16	47	22	69
2020-03-17	92	20	112
2020-03-18	103	40	143
2020-03-19	106	24	130
2020-03-20	137	32	169
2020-03-21	120	31	151
2020-03-22	121	20	141
2020-03-23	185	49	234
2020-03-24	169	28	197
2020-03-25	178	41	219
2020-03-26	175	35	210
2020-03-27	156	36	192
2020-03-28	158	36	194
2020-03-29	163	46	209
2020-03-30	254	59	313
2020-03-31	236	59	295
2020-04-01	223	40	263
2020-04-02	193	41	234
2020-04-03	186	43	229
2020-04-04	174	43	217
2020-04-05	159	29	188
2020-04-06	235	27	262
2020-04-07	231	22	253
2020-04-08	144	24	168
2020-04-09	83	16	99
2020-04-10	109	14	123
2020-04-11	85	20	105
2020-04-12	86	10	96

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-04-13	87	12	99
2020-04-14	91	16	107
2020-04-15	74	17	91
2020-04-16	81	14	95
2020-04-17	68	4	72
2020-04-18	35	7	42
2020-04-19	38	7	45
2020-04-20	47	11	58
2020-04-21	34	8	42
2020-04-22	16	6	22
2020-04-23	14	4	18
2020-04-24	13	2	15
2020-04-25	8	1	9
2020-04-26	12	2	14
2020-04-27	21	1	22
2020-04-28	9	1	10
2020-04-29	20	3	23
2020-04-30	14	3	17
2020-05-01	16	0	16
2020-05-02	2	1	3
2020-05-03	6	1	7
2020-05-04	6	1	7
2020-05-05	7	1	8
2020-05-06	2	0	2
2020-05-07	3	0	3
2020-05-08	1	0	1
2020-05-09	2	0	2
2020-05-10	1	0	1

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.

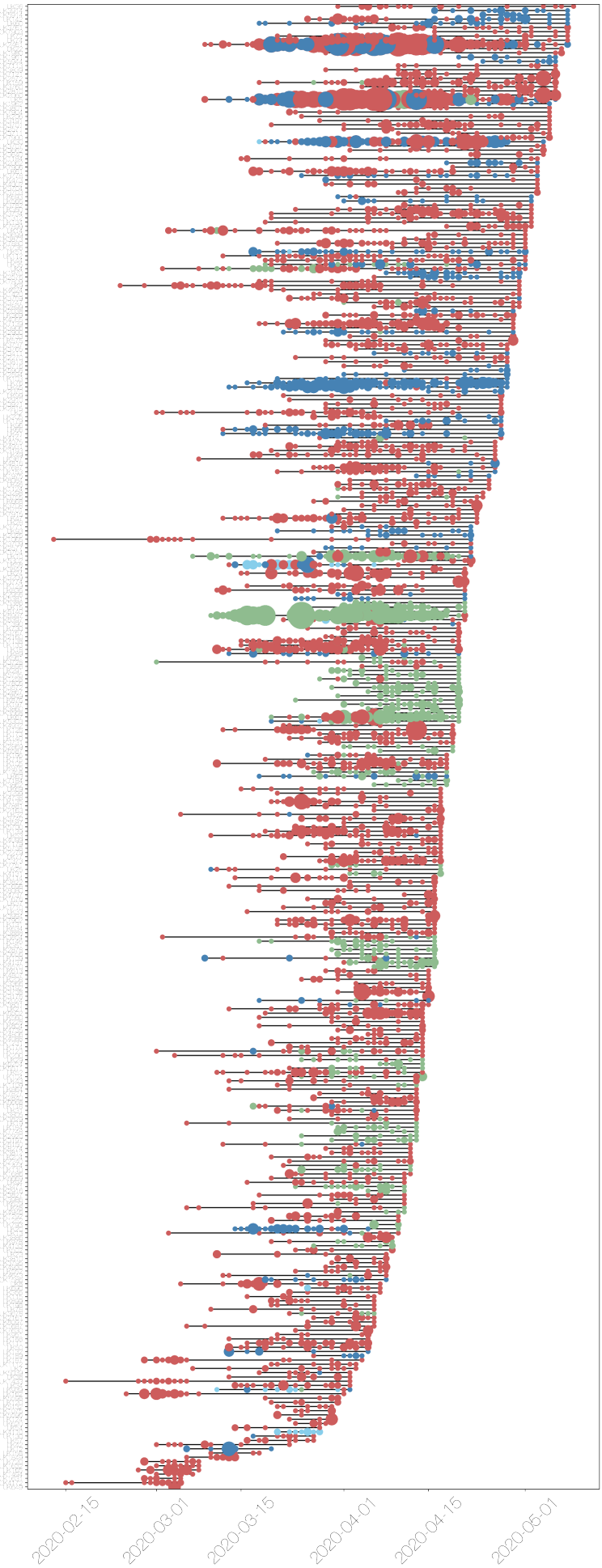


Day	England	Scotland	Wales	Northern Ireland
2020-02-03	333	46	1	21
2020-02-05	276	30	97	15
2020-02-08	279	28	25	13
2020-02-09	285	35	14	11
2020-02-13	283	51	6	27
2020-02-14	326	43	13	5
2020-02-15	67	57	2	0
2020-02-16	26	31	0	0
2020-02-18	70	48	0	0
2020-02-19	85	43	14	0
2020-02-20	70	37	0	0
2020-02-23	69	17	0	0
2020-02-24	176	13	38	0
2020-02-25	102	24	15	0
2020-02-26	124	31	51	0
2020-02-27	248	33	39	0
2020-02-28	48	17	0	0
2020-02-29	27	4	0	0
2020-03-01	196	35	86	0
2020-03-02	20	8	0	0
2020-03-03	250	43	93	0
2020-03-04	238	32	71	0
2020-03-05	79	31	35	0
2020-03-06	243	47	61	0
2020-03-07	396	35	181	0
2020-03-08	445	40	151	5
2020-03-09	46	6	0	0
2020-03-10	26	4	0	0

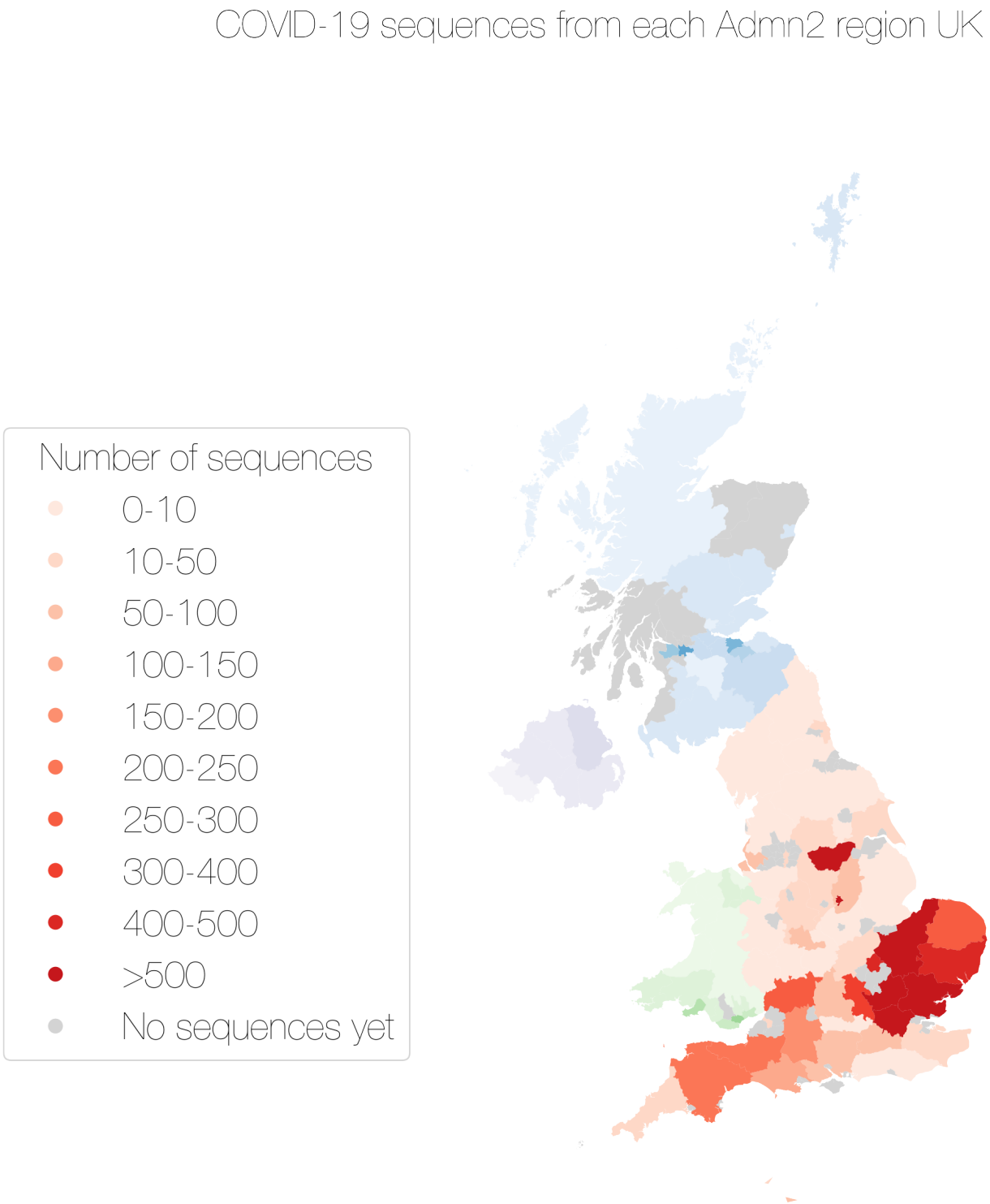
Day	England	Scotland	Wales	Northern Ireland
2020-03-11	58	20	0	0
2020-03-12	21	14	0	0
2020-03-13	414	36	70	1
2020-03-14	229	33	67	0
2020-03-15	417	55	118	7
2020-03-16	313	38	118	0
2020-03-17	351	44	65	0
2020-03-18	227	13	118	0
2020-03-19	207	13	78	0
2020-03-20	12	0	0	0
2020-03-21	1	2	0	0
2020-03-22	6	7	0	0
2020-03-23	485	46	66	6
2020-03-24	35	32	0	0
2020-03-25	0	1	0	0
2020-03-26	42	35	0	0
2020-03-27	44	25	0	0
2020-03-28	318	41	101	1
2020-03-29	281	49	19	7
2020-03-30	204	32	0	13
2020-03-31	382	67	128	0
2020-04-01	391	39	106	0
2020-04-02	198	32	12	6
2020-04-03	203	29	0	6
2020-04-04	190	24	25	6
2020-04-05	150	28	30	3
2020-04-06	88	13	10	6
2020-04-07	89	5	5	2
2020-04-08	148	11	10	2
2020-04-09	105	42	8	1
2020-04-10	4	0	0	0
2020-04-11	183	32	7	0
2020-04-12	125	31	32	7
2020-04-13	50	1	1	0
2020-04-14	102	5	1	0
2020-04-15	51	1	2	0
2020-04-16	43	5	2	0
2020-04-17	92	2	0	0
2020-04-18	81	3	0	0
2020-04-19	6	0	0	0
2020-04-20	23	1	0	0
2020-04-21	19	0	1	0
2020-04-22	22	0	0	0
2020-04-23	1	0	0	0
2020-04-24	2	0	0	0
2020-04-25	1	0	0	0
2020-04-26	1	0	0	0
2020-04-27	7	0	0	0
2020-04-28	4	0	0	0

Day	England	Scotland	Wales	Northern Ireland
2020-04-29	2	0	0	0
2020-04-30	81	14	22	5
2020-05-01	72	1	0	0
2020-05-02	5	0	0	0
2020-05-03	2	0	0	0
2020-05-04	2	0	0	0
2020-05-05	74	7	0	0
2020-05-06	73	11	1	0
2020-05-07	67	8	15	0
2020-05-08	2	0	0	0
2020-05-09	2	0	0	0
2020-05-10	1	0	0	0

These lineages are shown on the timeline below. 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.


2020-02-15
2020-03-01
2020-03-15
2020-04-01
2020-04-15
2020-05-01

The map below 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.



Admin2	Country	Number of sequences	Sequence group
ABERDEEN	Scotland	21	10-50
ABERDEENSHIRE	Scotland	0	0

Admin2	Country	Number of sequences	Sequence group
ANGLESEY	Wales	15	10-50
ANGUS	Scotland	10	10-50
ANTRIM	Northern Ireland	96	50-100
ARGYLL AND BUTE	Scotland	0	0
ARMAGH	Northern Ireland	11	10-50
BATH AND NORTH EAST SOMERSET	England	0	0
BEDFORDSHIRE	England	444	400-500
BERKSHIRE	England	7	1-10
BLACKBURN WITH DARWEN	England	0	0
BLACKPOOL	England	0	0
BLAENAU GWENT	Wales	40	10-50
BOLTON	England	0	0
BOURNEMOUTH	England	0	0
BRIDGEND	Wales	78	50-100
BRIGHTON AND HOVE	England	0	0
BRISTOL	England	18	10-50
BUCKINGHAMSHIRE	England	338	300-400
BURY	England	0	0
CAERPHILLY	Wales	85	50-100
CAMBRIDGESHIRE	England	627	>500
CARDIFF	Wales	298	250-300
CARMARTHENSHIRE	Wales	68	50-100
CENTRAL BEDFORDSHIRE	England	0	0
CEREDIGION	Wales	16	10-50
CHESHIRE	England	8	1-10
CLACKMANNANSHIRE	Scotland	1	1-10
CONWY	Wales	34	10-50
CORNWALL	England	12	10-50
CUMBRIA	England	8	1-10
DARLINGTON	England	0	0
DENBIGHSHIRE	Wales	53	50-100
DERBY	England	0	0
DERBYSHIRE	England	25	10-50
DEVON	England	207	200-250
DORSET	England	141	100-150
DOWN	Northern Ireland	46	10-50
DUMFRIES AND GALLOWAY	Scotland	33	10-50
DUNDEE	Scotland	48	10-50
DURHAM	England	1	1-10
EAST AYRSHIRE	Scotland	35	10-50
EAST DUNBARTONSHIRE	Scotland	0	0
EAST LOTHIAN	Scotland	49	10-50
EAST RENFREWSHIRE	Scotland	0	0
EAST RIDING OF YORKSHIRE	England	20	10-50
EDINBURGH	Scotland	374	300-400
EILEAN SIAR	Scotland	2	1-10
ESSEX	England	1102	>500
FALKIRK	Scotland	61	50-100
FERMANAGH	Northern Ireland	3	1-10

Admin2	Country	Number of sequences	Sequence group
FIFE	Scotland	41	10-50
FLINTSHIRE	Wales	44	10-50
GATESHEAD	England	0	0
GLASGOW	Scotland	544	>500
GLOUCESTERSHIRE	England	256	250-300
GREATER LONDON	England	2187	>500
GUERNSEY	Channel_islands	41	10-50
GWYNEDD	Wales	32	10-50
HALTON	England	0	0
HAMPSHIRE	England	61	50-100
HARTLEPOOL	England	0	0
HEREFORDSHIRE	England	1	1-10
HERTFORDSHIRE	England	843	>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	27	10-50
KINGSTON UPON HULL	England	0	0
LANCASHIRE	England	6	1-10
LEICESTER	England	0	0
LEICESTERSHIRE	England	5	1-10
LINCOLNSHIRE	England	7	1-10
LONDONDERRY	Northern Ireland	10	10-50
LUTON	England	0	0
MANCHESTER	England	29	10-50
MEDWAY	England	0	0
MERSEYSIDE	England	59	50-100
MERTHYR TYDFIL	Wales	34	10-50
MIDDLESBROUGH	England	0	0
MIDLOTHIAN	Scotland	113	100-150
MILTON KEYNES	England	0	0
MONMOUTHSHIRE	Wales	42	10-50
MORAY	Scotland	0	0
NEATH PORT TALBOT	Wales	74	50-100
NEWPORT	Wales	105	100-150
NORFOLK	England	257	250-300
NORTH AYRSHIRE	Scotland	0	0
NORTH LANARKSHIRE	Scotland	97	50-100
NORTH LINCOLNSHIRE	England	0	0
NORTH SOMERSET	England	0	0
NORTH YORKSHIRE	England	4	1-10
NORTHAMPTONSHIRE	England	22	10-50
NORTHUMBERLAND	England	2	1-10
NOTTINGHAM	England	520	>500
NOTTINGHAMSHIRE	England	57	50-100
OLDHAM	England	0	0
ORKNEY ISLANDS	Scotland	1	1-10

Admin2	Country	Number of sequences	Sequence group
OXFORDSHIRE	England	92	50-100
PEMBROKESHIRE	Wales	53	50-100
PERTHSHIRE AND KINROSS	Scotland	11	10-50
PETERBOROUGH	England	0	0
PLYMOUTH	England	0	0
POOLE	England	0	0
PORTSMOUTH	England	0	0
POWYS	Wales	31	10-50
REDCAR AND CLEVELAND	England	0	0
RENFREWSHIRE	Scotland	152	150-200
RHONDDA, CYNON, TAFF	Wales	0	0
ROCHDALE	England	0	0
RUTLAND	England	0	0
SALFORD	England	0	0
SCOTTISH BORDERS	Scotland	99	50-100
SHETLAND ISLANDS	Scotland	14	10-50
SHROPSHIRE	England	1	1-10
SOMERSET	England	233	200-250
SOUTH AYRSHIRE	Scotland	0	0
SOUTH GLOUCESTERSHIRE	England	0	0
SOUTH LANARKSHIRE	Scotland	3	1-10
SOUTH YORKSHIRE	England	971	>500
SOUTHAMPTON	England	0	0
SOUTHEND-ON-SEA	England	0	0
STAFFORDSHIRE	England	24	10-50
STIRLING	Scotland	0	0
STOCKPORT	England	0	0
STOCKTON-ON-TEES	England	0	0
STOKE-ON-TRENT	England	0	0
SUFFOLK	England	407	400-500
SURREY	England	56	50-100
SUSSEX	England	1	1-10
SWANSEA	Wales	174	150-200
SWINDON	England	0	0
TAMESIDE	England	0	0
TELFORD AND WREKIN	England	0	0
THURROCK	England	0	0
TORBAY	England	0	0
TORFAEN	Wales	68	50-100
TRAFFORD	England	0	0
TYNE AND WEAR	England	37	10-50
TYRONE	Northern Ireland	11	10-50
VALE OF GLAMORGAN	Wales	106	100-150
WARRINGTON	England	0	0
WARWICKSHIRE	England	9	1-10
WEST DUNBARTONSHIRE	Scotland	0	0
WEST LOTHIAN	Scotland	82	50-100
WEST MIDLANDS	England	87	50-100
WEST YORKSHIRE	England	19	10-50

Admin2	Country	Number of sequences	Sequence group
WIGAN	England	0	0
WILTSHIRE	England	154	150-200
WORCESTERSHIRE	England	7	1-10
WREXHAM	Wales	51	50-100
YORK	England	0	0

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.