Summary report for UK introductions

This report gives summaries of UK specific lineages for week 2020-04-24. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-04-19. The analysis (eg time since last sample) is therefore undertaken from this date. 8697 sequences in the UK have been included in this analysis. 3936 lineages have been recorded, 3168 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.

3758 are introductions which only contained five sequences or fewer, and so have been left out of visualisation in the interests of clarity

Of the 178 that remain: 39 are pending extinction, ie last seen three weeks ago. 10 have not been seen for more than one month, and so are viewed as extinct, but will continue to be monitored. 121 lineages have gone quiet, ie haven't been seen this week. 1 has reactivated. 7 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 "introduction_summary.tsv" for further use.

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK5	328 (83.46%)	19 (4.83%)	45 (11.45%)	1 (0.25%)	Mar-03, Apr-18	393	B.1.1	1
UK17	309 (80.89%)	52 (13.61%)	21 (5.5%)	0 (0%)	Mar-07, Apr-18	382	B.1.11	1
UK16	48 (20.25%)	0 (0%)	189 (79.75%)	0 (0%)	Mar-09, Apr-08	237	B.3	11
UK28	61 (96.83%)	0 (0%)	2 (3.17%)	0 (0%)	Mar-18, Apr-16	63	B.1	3
UK30	19 (30.65%)	43 (69.35%)	0 (0%)	0 (0%)	Mar-13, Apr-16	62	B.2, B.1	3
UK79	53 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-07	53	B.1	12
UK29	39 (73.58%)	1 (1.89%)	13 (24.53%)	0 (0%)	Mar-09, Apr-14	53	B.3	5
UK45	0 (0%)	52 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	52	B	14
UK24	50 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-08	50	B.2, B.2.1	11
UK36	48 (96.0%)	1 (2.0%)	1 (2.0%)	0 (0%)	Mar-11, Apr-17	50	B.1	2
UK18	46 (93.88%)	0 (0%)	3 (6.12%)	0 (0%)	Mar-11, Apr-14	49	B.2.4	5
UK67	14 (28.57%)	0 (0%)	35 (71.43%)	0 (0%)	Mar-23, Apr-08	49	B.1	11
UK10	3 (6.25%)	0 (0%)	45 (93.75%)	0 (0%)	Mar-07, Apr-12	48	B.1	7

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK61	44 (97.78%)	0 (0%)	1 (2.22%)	0 (0%)	Mar-17, Apr-12	45	B.1	7
UK74	43 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-14	43	B.1	5
UK226	40 (95.24%)	0 (0%)	0 (0%)	2 (4.76%)	Mar-09, Apr-10	42	B.1	9
UK9	40 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, Apr-07	40	B.1	12
UK46	38 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-17	38	B.1	2
UK76	1 (2.63%)	37 (97.37%)	0 (0%)	0 (0%)	Mar-16, Apr-09	38	B.1	10
UK15	18 (47.37%)	0 (0%)	20 (52.63%)	0 (0%)	Mar-09, Apr-08	38	B.1	11
UK4	26 (70.27%)	0 (0%)	11 (29.73%)	0 (0%)	Mar-02, Apr-07	37	B.8	12
UK37	18 (50.0%)	0 (0%)	18 (50.0%)	0 (0%)	Mar-12, Apr-15	36	B.1.7, B.1	4
UK47	33 (97.06%)	1 (2.94%)	0 (0%)	0 (0%)	Mar-12, Apr-16	34	B.3	3
UK40	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-15	34	B.1.11	4
UK31	30 (93.75%)	1 (3.12%)	1 (3.12%)	0 (0%)	Mar-06, Apr-13	32	B, B.3	6
UK135	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-07	31	B.1.13	12
UK87	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-15	30	B.1	4
UK103	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-08	30	B.1	11
UK496	1 (3.45%)	28 (96.55%)	0 (0%)	0 (0%)	Mar-21, Apr-19	29	B.1.5	0
UK2	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-25, Apr-03	29	B.1.20	16
UK139	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-03	28	B.1	16
UK133	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-08	28	B.2.1	11
UK1	26 (96.3%)	0 (0%)	1 (3.7%)	0 (0%)	Feb-27, Apr-03	27	B.2, B.2.5	16
UK92	0 (0%)	27 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	27	B.1	0
UK14	22 (88.0%)	1 (4.0%)	2 (8.0%)	0 (0%)	Mar-03, Apr-06	25	B	13
UK51	0 (0%)	24 (96.0%)	1 (4.0%)	0 (0%)	Mar-17, Apr-19	25	B	0
UK44	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-18	24	B.2	1

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK137	23 (95.83%)	0 (0%)	1 (4.17%)	0 (0%)	Mar-25, Apr-16	24	B.1	3
UK836	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-10	24	B.1.10, B.1	9
UK162	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-25, Mar-08	22	B.2.1	42
UK2450	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-17	22	B.1	2
UK63	0 (0%)	14 (66.67%)	7 (33.33%)	0 (0%)	Mar-18, Apr-18	21	B.1	1
UK288	20 (95.24%)	0 (0%)	1 (4.76%)	0 (0%)	Mar-04, Apr-12	21	B.1.7	7
UK58	7 (33.33%)	5 (23.81%)	0 (0%)	9 (42.86%)	Mar-13, Apr-02	21	B	17
UK1373	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-06	21	B.1	13
UK2465	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	21	B.1	4
UK8	20 (95.24%)	0 (0%)	1 (4.76%)	0 (0%)	Mar-12, Mar-28	21	B.2.1	22
UK72	19 (90.48%)	2 (9.52%)	0 (0%)	0 (0%)	Mar-21, Apr-15	21	B.1	4
UK3529	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	21	B.2.1	7
UK52	17 (80.95%)	0 (0%)	4 (19.05%)	0 (0%)	Mar-16, Apr-08	21	B	11
UK41	2 (9.52%)	18 (85.71%)	1 (4.76%)	0 (0%)	Mar-12, Apr-08	21	A.2	11
UK20	1 (5.0%)	19 (95.0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	20	B.2	14
UK53	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-10	19	B.2.1	9
UK2452	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, Apr-15	18	B.1	4
UK11	15 (83.33%)	3 (16.67%)	0 (0%)	0 (0%)	Mar-02, Mar-31	18	B.1	19
UK111	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-05	18	B.1	14
UK159	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-14	17	B.1	5
UK34	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	17	B.2.1	17
UK35	3 (17.65%)	9 (52.94%)	5 (29.41%)	0 (0%)	Mar-15, Apr-12	17	B.1.5	7
UK114	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	17	B.2.1	3
UK3379	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Apr-08, Apr-19	17	B.1.5	0

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UK261	15 (88.24%)	1 (5.88%)	1 (5.88%)	0 (0%)	Mar-10, Apr-14	17	B.2.1	5
UK1292	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-10	16	B.1	9
UK129	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-05	16	B.1	14
UK142	15 (93.75%)	1 (6.25%)	0 (0%)	0 (0%)	Mar-26, Apr-16	16	B.1	3
UK2402	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-17	15	B.1	2
UK123	11 (73.33%)	1 (6.67%)	3 (20.0%)	0 (0%)	Mar-17, Apr-07	15	B.1	12
UK49	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-05	15	B.1	14
UK21	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	15	B.2	5
UK165	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, Mar-06	15	B.1.7	44
UK12	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	15	B.1	36
UK144	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-21, Apr-08	15	B.1.5	11
UK93	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-19	15	B.1	0
UK2524	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-15	14	B.1	4
UK70	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-07	14	B.2.1	12
UK140	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-09	14	B.1	10
UK369	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-16	14	B.1	3
UK60	0 (0%)	14 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-19	14	B.1.4	0
UK205	12 (85.71%)	2 (14.29%)	0 (0%)	0 (0%)	Mar-27, Apr-12	14	B.1	7
UK187	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-13, Apr-04	13	B.2.1	15
UK173	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-17	13	B.1	2
UK112	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-15	13	B	4
UK50	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	13	B.2.1	14
UK89	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-11	12	B.1	8
UK1711	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	36

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UK22	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-08	12	B.1	11
UK2388	11 (91.67%)	0 (0%)	1 (8.33%)	0 (0%)	Mar-01, Apr-06	12	B.1	13
UK66	1 (8.33%)	11 (91.67%)	0 (0%)	0 (0%)	Mar-12, Apr-01	12	B	18
UK126	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-27	11	B.2.1	23
UK2346	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-14	11	B.1	5
UK110	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-25, Apr-04	11	B.1	15
UK153	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-07	11	B.1.5	12
UK196	7 (63.64%)	1 (9.09%)	3 (27.27%)	0 (0%)	Mar-26, Apr-05	11	B.1	14
UK38	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	10	B.1	17
UK42	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-26, Mar-15	10	B.1	35
UK78	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-02	10	B.2.1	17
UK2384	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-17	10	B.1	2
UK100	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-03	10	B.2.1	16
UK7	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-07, Apr-03	10	B, B.8	16
UK57	9 (90.0%)	0 (0%)	1 (10.0%)	0 (0%)	Mar-16, Mar-30	10	B.8	20
UK715	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-06	9	B.1.5	13
UK899	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	9	B.2.1	13
UK1224	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-19, Apr-08	9	B.1	11
UK215	7 (77.78%)	0 (0%)	2 (22.22%)	0 (0%)	Feb-27, Apr-11	9	B.1.7	8
UK2314	7 (77.78%)	0 (0%)	2 (22.22%)	0 (0%)	Mar-09, Apr-15	9	B.1	4
UK2411	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-04	9	B.1	15
UK2412	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-07	9	B.1	12
UK118	6 (66.67%)	2 (22.22%)	1 (11.11%)	0 (0%)	Mar-17, Mar-30	9	B.2	20
UK2424	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	9	B.1	6

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UK566	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-18	9	B.1	1
UK668	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-11	9	B.1	8
UK13	5 (62.5%)	1 (12.5%)	2 (25.0%)	0 (0%)	Mar-03, Apr-07	8	B.2	12
UK1112	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-03	8	B.1.13	16
UK2040	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-07	8	B.1	12
UK104	4 (50.0%)	0 (0%)	4 (50.0%)	0 (0%)	Mar-23, Apr-13	8	B.1	6
UK564	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-07	8	B.1	12
UK3436	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-13, Apr-19	8	B.1.5	0
UK94	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-03	8	B.2	16
UK43	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Mar-29	8	B.2.1	21
UK1184	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-01	8	B.1	18
UK2341	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-07	8	B.1	12
UK3959	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-05	8	B.2	14
UK2546	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	8	B.1	45
UK158	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Mar-30	8	B.2.1	20
UK1433	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-06	8	B.4	44
UK2294	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-08	8	B.1	11
UK117	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-06	8	B.1	13
UK69	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-01	8	B.2.1	18
UK222	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-13, Apr-03	8	B.1	16
UK720	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-09, Mar-07	8	B.2.1	43
UK138	0 (0%)	1 (12.5%)	7 (87.5%)	0 (0%)	Mar-20, Apr-05	8	B.2.1	14
UK586	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-06	8	B.1	13
UK3203	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-05	8	B.1	14

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UK77	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-03	8	B.1	16
UK976	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-05	8	B.1	14
UK303	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-06	7	B.1	13
UK25	5 (71.43%)	1 (14.29%)	1 (14.29%)	0 (0%)	Mar-10, Apr-08	7	B.2.2	11
UK2631	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-08	7	B.1	11
UK690	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-07	7	B.1	12
UK2394	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-28, Apr-06	7	B.1	13
UK109	4 (57.14%)	2 (28.57%)	1 (14.29%)	0 (0%)	Mar-12, Apr-08	7	B.1.7, B.1	11
UK291	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-27, Apr-04	7	B.1	15
UK2442	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-11	7	B.1	8
UK3	6 (85.71%)	0 (0%)	0 (0%)	1 (14.29%)	Feb-27, Mar-29	7	B.1.7	21
UK1065	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-13, Apr-05	7	B.2	14
UK3426	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-17	7	B.1.5	2
UK649	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	7	B.1	20
UK2198	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-19	7	B.1	0
UK613	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-06	7	B.1.7	13
UK1416	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-07	7	B.1.13	12
UK189	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-04	6	B.1	15
UK1231	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-07	6	B.1	12
UK208	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Mar-31	6	B.2.1	19
UK1109	4 (66.67%)	0 (0%)	2 (33.33%)	0 (0%)	Mar-21, Apr-03	6	B.2, B.2.1	16
UK96	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-06	6	B.1	13
UK689	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-06	6	B.1	13
UK351	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-24, Apr-07	6	B.1	12

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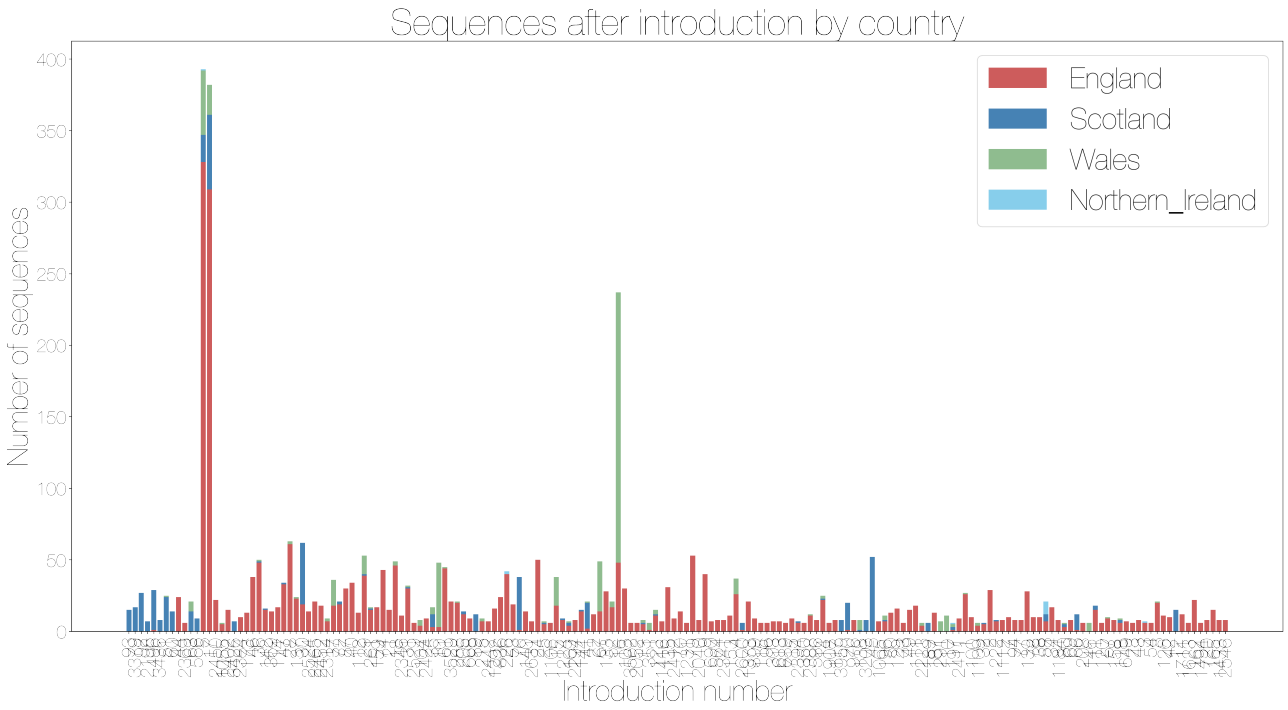
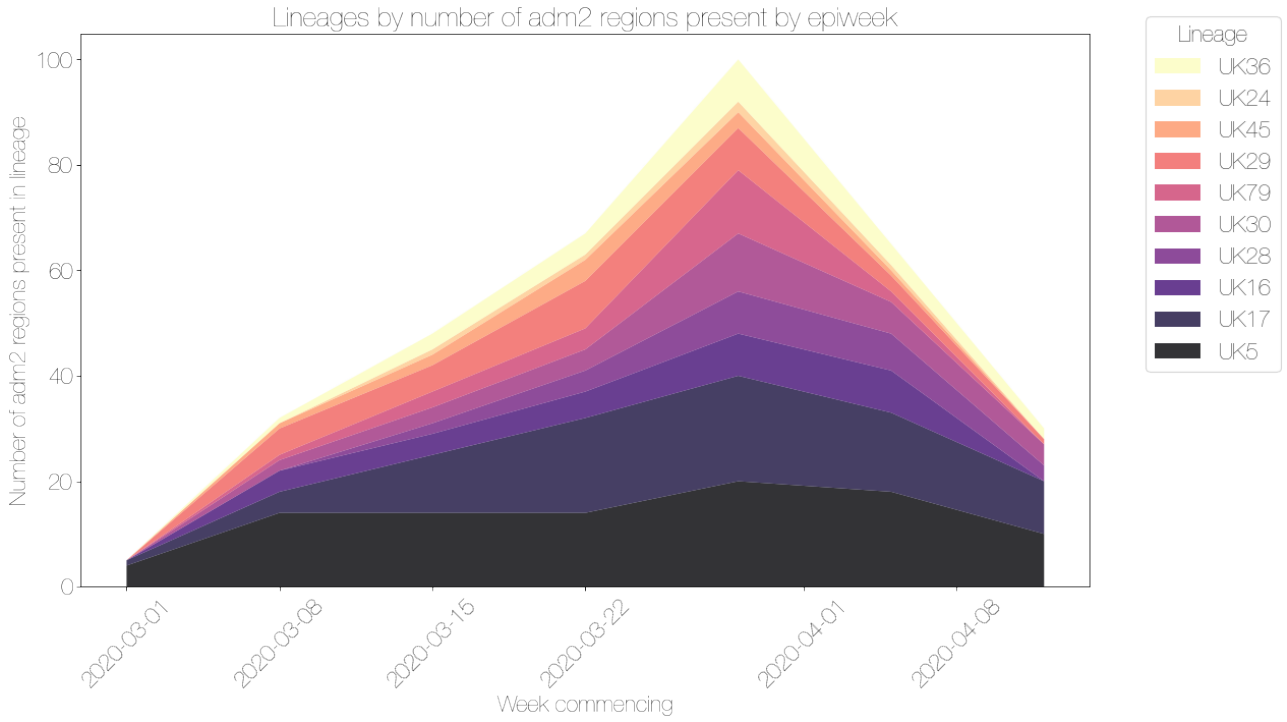
UK2369	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-18	6	B.1	1
UK54	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Mar-28	6	B.2.1	22
UK2600	1 (16.67%)	5 (83.33%)	0 (0%)	0 (0%)	Mar-25, Apr-06	6	B.1	13
UK120	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Mar-31	6	B.1.7, B.1	19
UK2223	4 (66.67%)	0 (0%)	2 (33.33%)	0 (0%)	Mar-30, Apr-05	6	B.1	14
UK350	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-06	6	B.1	13
UK1908	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-06	6	B.1.13	13
UK33	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-05	6	B.2.1	14
UK146	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-18, Mar-31	6	B.2.2	19
UK1494	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	43
UK3562	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-07	6	B.2.1	12
UK32	5 (83.33%)	1 (16.67%)	0 (0%)	0 (0%)	Mar-05, Apr-03	6	B.2.2	16
UK2529	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-13	6	B.1	6
UK1623	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	6	B.4	42
UK197	1 (16.67%)	2 (33.33%)	2 (33.33%)	1 (16.67%)	Mar-31, Apr-04	6	B.1	15
UK80	3 (50.0%)	2 (33.33%)	1 (16.67%)	0 (0%)	Mar-20, Apr-01	6	B.1	18
UK2052	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-07	6	B.1	12
UK115	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-06	6	B.8	13
UK1055	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-30, Apr-17	6	B.1	2
UK23	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Mar-29	6	B.2.2	21
UK1106	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-08	6	B.1	11

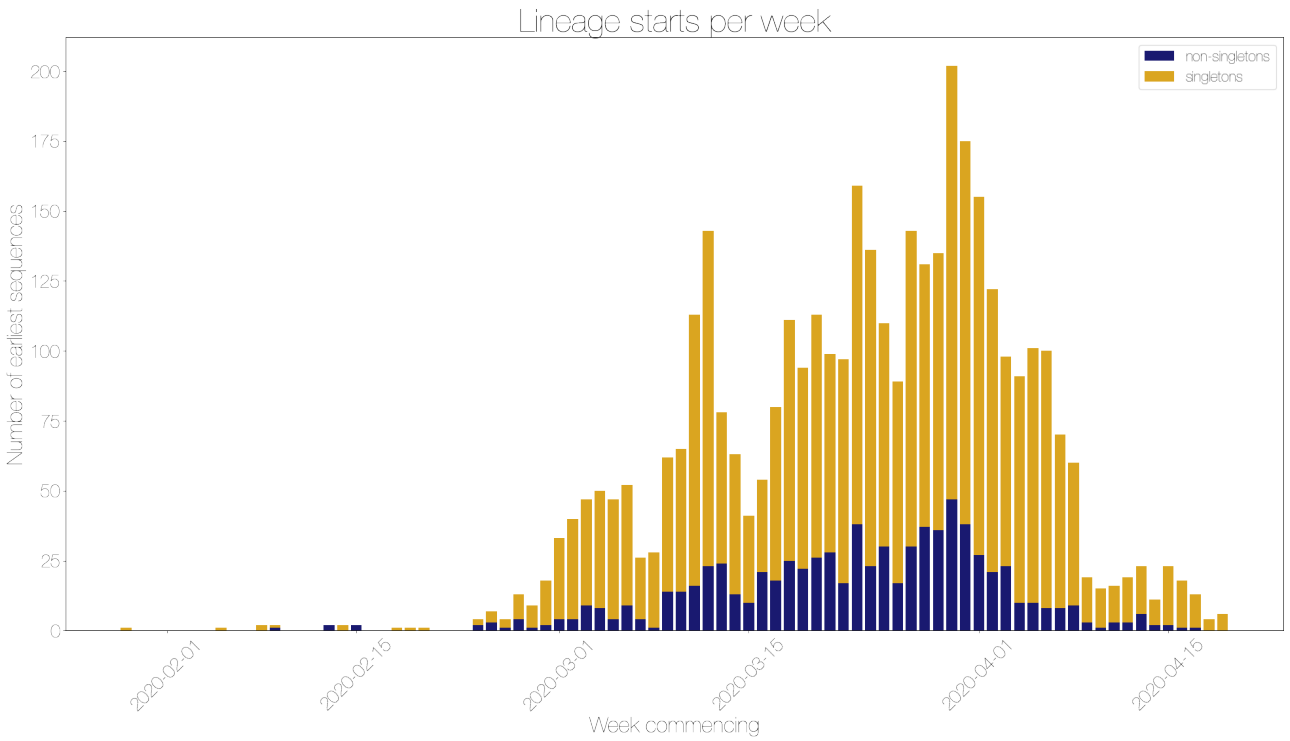
These data is represented in the stacked bar chart below. Note that the number of sequences is likely to be due more to differing sampling efforts in different regions, rather than genuine differences in numbers of cases.



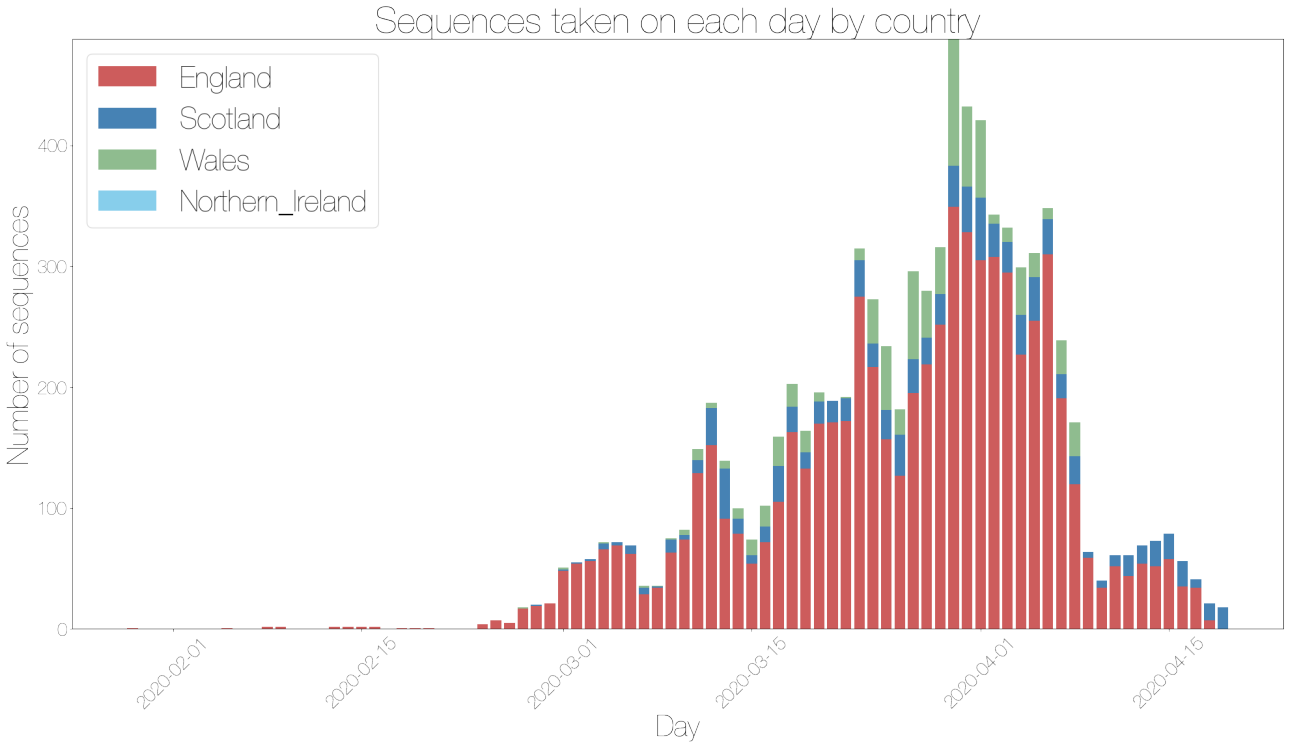
The relative growth and decline of the ten most sampled lineages in terms of number of counties they are present in is shown below.



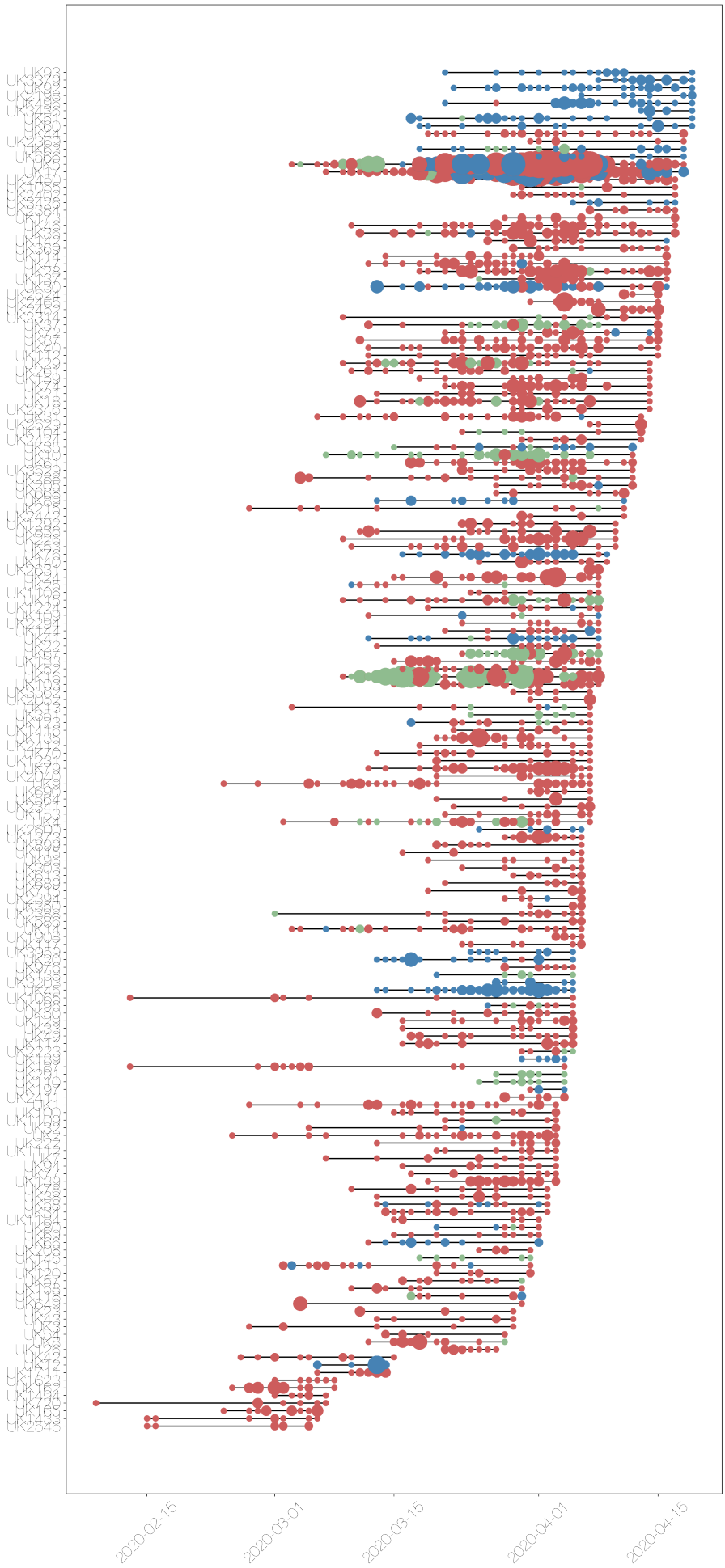
The date of first sequence in the cluster is shown below for every cluster with date information.

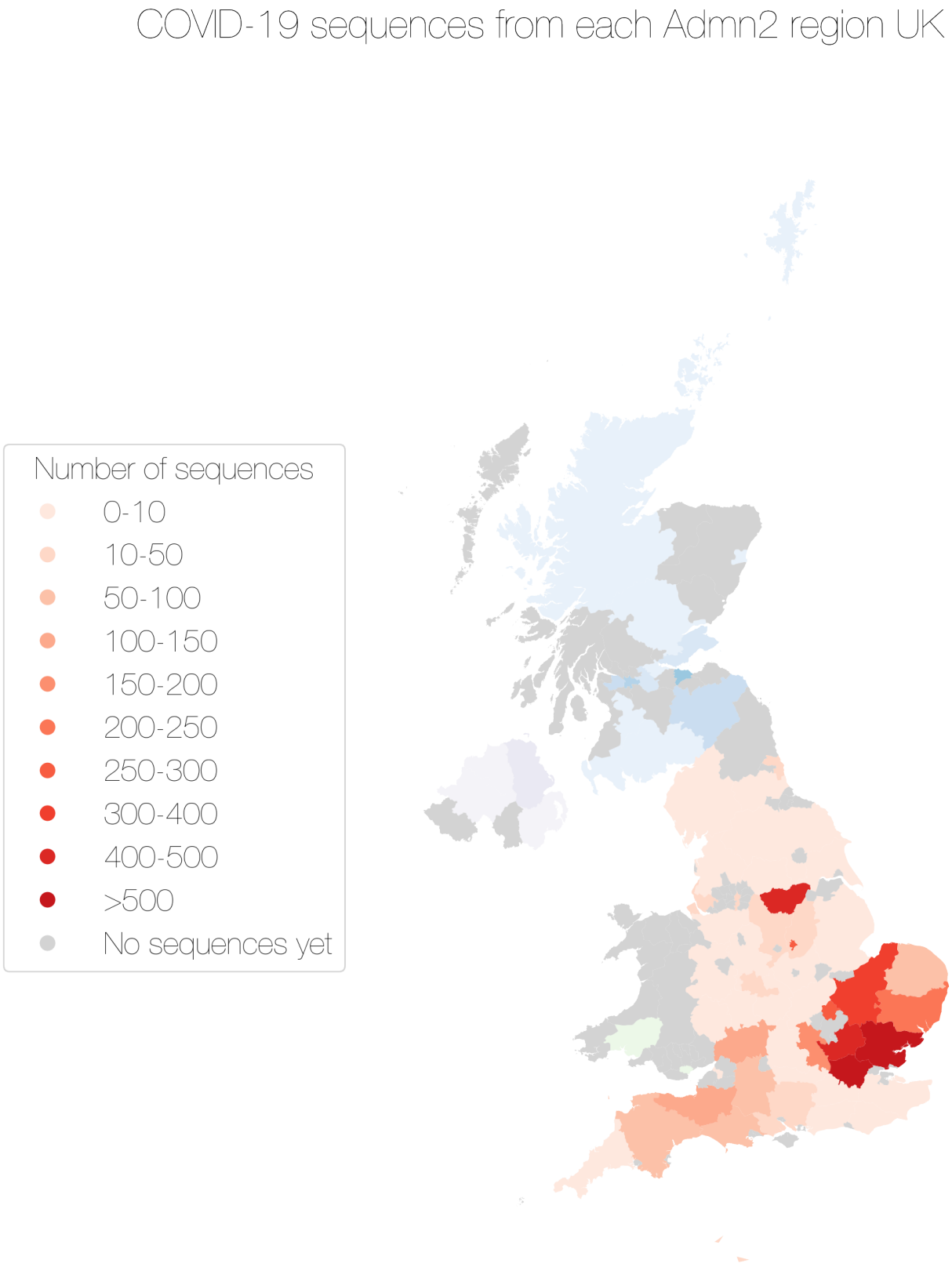


For comparison, here is a plot of the day that every sequence was taken, coloured by country. Note that sequences without dates were not included.



These introductions 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.


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



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

Other results modules for UK introductions 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.