Summary report for UK introductions

This report gives summaries of UK specific lineages for week 2020-05-01. There are time lags due to batching, curation and analysis, the most recently sampled sequence is 2020-04-25. The analysis (eg time since last sample) is therefore undertaken from this date. 10725 sequences in the UK have been included in this analysis. 5657 lineages have been recorded, 4733 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.

5435 are introductions which only contained five sequences or fewer, and so have been left out of visualisation in the interests of clarity

Of the 222 that remain: 29 are pending extinction, ie last seen three weeks ago. 9 have not been seen for more than one month, and so are viewed as extinct, but will continue to be monitored. 111 lineages have gone quiet, ie haven't been seen this week. 14 lineages have reactivated. 59 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	398 (82.4%)	24 (4.97%)	60 (12.42%)	1 (0.21%)	Feb-07, Apr-25	483	B.1.1	0
UK16	9 (3.95%)	0 (0%)	219 (96.05%)	0 (0%)	Feb-02, Apr-12	228	B.3	13
UK28	66 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-18	66	B.1	7
UK67	14 (21.88%)	0 (0%)	50 (78.12%)	0 (0%)	Mar-10, Apr-12	64	B.1, B.1.24	13
UK24	61 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-14	61	B.2.1, B.2	11
UK18	58 (95.08%)	0 (0%)	3 (4.92%)	0 (0%)	Mar-11, Apr-20	61	B.2, B.2.4	5
UK45	2 (3.33%)	58 (96.67%)	0 (0%)	0 (0%)	Mar-12, Apr-20	60	B	5
UK10	3 (5.26%)	0 (0%)	54 (94.74%)	0 (0%)	Mar-07, Apr-12	57	B.1	13
UK74	52 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-14	52	B.1	11
UK76	1 (1.96%)	50 (98.04%)	0 (0%)	0 (0%)	Mar-16, Apr-14	51	B.1	11
UK61	48 (97.96%)	0 (0%)	1 (2.04%)	0 (0%)	Mar-17, Apr-19	49	B.1.30	6
UK9	47 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, Apr-19	47	B.1	6

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK4	32 (74.42%)	0 (0%)	11 (25.58%)	0 (0%)	Mar-02, Apr-11	43	B.8	14
UK126	39 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-19	39	B.2.1	6
UK30	2 (5.13%)	37 (94.87%)	0 (0%)	0 (0%)	Mar-19, Apr-16	39	B.1	9
UK40	38 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-20	38	B.1.11	5
UK47	37 (97.37%)	1 (2.63%)	0 (0%)	0 (0%)	Mar-12, Apr-23	38	B.3	2
UK3734	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-25	37	B.1	0
UK92	0 (0%)	37 (100.0%)	0 (0%)	0 (0%)	Mar-22, Apr-21	37	B.1	4
UK3701	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-22	36	B.1	3
UK58	9 (25.71%)	5 (14.29%)	0 (0%)	21 (60.0%)	Mar-13, Apr-22	35	B	3
UK105	35 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-18	35	B.1	7
UK135	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-07	34	B.1.13	18
UK139	32 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-13	32	B.1	12
UK103	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-09	31	B.1	16
UK159	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	31	B.1	3
UK51	0 (0%)	29 (96.67%)	1 (3.33%)	0 (0%)	Mar-17, Apr-22	30	B	3
UK17	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-11	30	B.1.11	14
UK20	1 (3.45%)	27 (93.1%)	0 (0%)	1 (3.45%)	Mar-13, Apr-05	29	B.2	20
UK2	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Apr-19	29	B.1.20	6
UK836	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-21	29	B.1	4
UK14	25 (89.29%)	1 (3.57%)	2 (7.14%)	0 (0%)	Mar-03, Apr-24	28	B	1
UK44	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-22	28	B.2	3
UK142	22 (78.57%)	6 (21.43%)	0 (0%)	0 (0%)	Mar-26, Apr-22	28	B.1	3
UK41	0 (0%)	27 (96.43%)	1 (3.57%)	0 (0%)	Mar-12, Apr-12	28	A.2	13
UK4931	27 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-21	27	set()	4

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK137	26 (96.3%)	0 (0%)	1 (3.7%)	0 (0%)	Mar-25, Apr-16	27	B.1	9
UK46	25 (96.15%)	1 (3.85%)	0 (0%)	0 (0%)	Mar-18, Apr-17	26	B.1	8
UK52	21 (84.0%)	0 (0%)	4 (16.0%)	0 (0%)	Mar-11, Apr-08	25	B	17
UK3738	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	25	B.1	10
UK162	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-25, Apr-01	25	B.2.1	24
UK3737	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-24	24	B.1	1
UK63	0 (0%)	14 (60.87%)	9 (39.13%)	0 (0%)	Mar-18, Apr-18	23	B.1	7
UK1373	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-06	22	B.1	19
UK133	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-07	22	B.2.1	18
UK369	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-24	22	B.1	1
UK8	20 (95.24%)	0 (0%)	1 (4.76%)	0 (0%)	Mar-12, Mar-28	21	B.2.1	28
UK3702	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, Apr-23	21	B.1	2
UK123	16 (80.0%)	0 (0%)	4 (20.0%)	0 (0%)	Mar-01, Apr-19	20	B.1	6
UK53	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-10	19	B.2.1	15
UK49	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-23	19	B.1	2
UK15	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Feb-20, Apr-12	19	B.1	13
UK34	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	19	B.2.1	23
UK66	6 (31.58%)	13 (68.42%)	0 (0%)	0 (0%)	Mar-04, Apr-01	19	B	24
UK129	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-21	19	B.1	4
UK173	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-17	18	B.1	8
UK114	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	18	B.2.1	9
UK165	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-06	18	B.1.7	50
UK111	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-05	18	B.1	20
UK1970	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Apr-08, Apr-21	18	B.1.5	4

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK22	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-25	17	B.1	0
UK72	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-23	17	set()	2
UK60	0 (0%)	17 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-23	17	B.1	2
UK140	17 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-19	17	B.1	6
UK1292	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-10	16	B.1	15
UK12	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-06, Mar-20	16	set()	36
UK3193	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-21	16	B.1	4
UK187	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Apr-04	15	B.2.1	21
UK96	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-10	15	set()	15
UK93	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	15	B.1	3
UK153	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-15	15	B.1.5	10
UK21	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	15	B.2	11
UK36	13 (86.67%)	2 (13.33%)	0 (0%)	0 (0%)	Mar-25, Apr-20	15	set()	5
UK50	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	15	B.2.1	20
UK2576	1 (7.14%)	13 (92.86%)	0 (0%)	0 (0%)	Apr-06, Apr-23	14	B.1.11	2
UK31	12 (85.71%)	1 (7.14%)	1 (7.14%)	0 (0%)	Mar-17, Apr-13	14	B.3	12
UK715	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-18	14	B.1.5	7
UK1065	12 (92.31%)	1 (7.69%)	0 (0%)	0 (0%)	Feb-13, Apr-22	13	B.2	3
UK3707	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-23	13	B.1	2
UK35	2 (15.38%)	9 (69.23%)	2 (15.38%)	0 (0%)	Mar-20, Apr-23	13	B.1.5	2
UK668	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-23	13	B.1	2
UK2900	0 (0%)	12 (92.31%)	1 (7.69%)	0 (0%)	Mar-22, Apr-07	13	B.1	18
UK38	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	12	B.1	23
UK1849	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	42

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK89	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-13, Apr-11	12	set()	14
UK3827	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-07	12	B.1	18
UK109	5 (41.67%)	4 (33.33%)	3 (25.0%)	0 (0%)	Mar-09, Apr-13	12	B.1.7	12
UK131	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-06	12	B.1	19
UK2572	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, Apr-22	12	B.1.11	3
UK196	8 (66.67%)	1 (8.33%)	3 (25.0%)	0 (0%)	Mar-26, Apr-18	12	B.1	7
UK1231	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-11	11	set()	14
UK3708	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-23	11	B.1	2
UK110	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Feb-11, Apr-04	11	B.1	21
UK5303	3 (27.27%)	1 (9.09%)	7 (63.64%)	0 (0%)	Mar-25, Apr-13	11	B.2.2	12
UK2810	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-12, Apr-23	11	B.1	2
UK3747	10 (90.91%)	0 (0%)	1 (9.09%)	0 (0%)	Apr-01, Apr-22	11	B.1	3
UK4172	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	11	B.1	51
UK1055	10 (90.91%)	0 (0%)	1 (9.09%)	0 (0%)	Mar-30, Apr-21	11	B.1	4
UK350	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-10	11	set()	15
UK2571	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-21	10	B.1.11	4
UK1433	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-06	10	B.4	50
UK3298	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	10	B.1	1
UK118	7 (70.0%)	2 (20.0%)	1 (10.0%)	0 (0%)	Mar-17, Apr-13	10	B.2	12
UK899	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	10	B.2.1	19
UK7	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-07, Apr-03	10	B.8	22
UK132	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Mar-13, Mar-27	10	set()	29
UK294	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-23	10	set()	2
UK1184	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-08	10	B.1	17

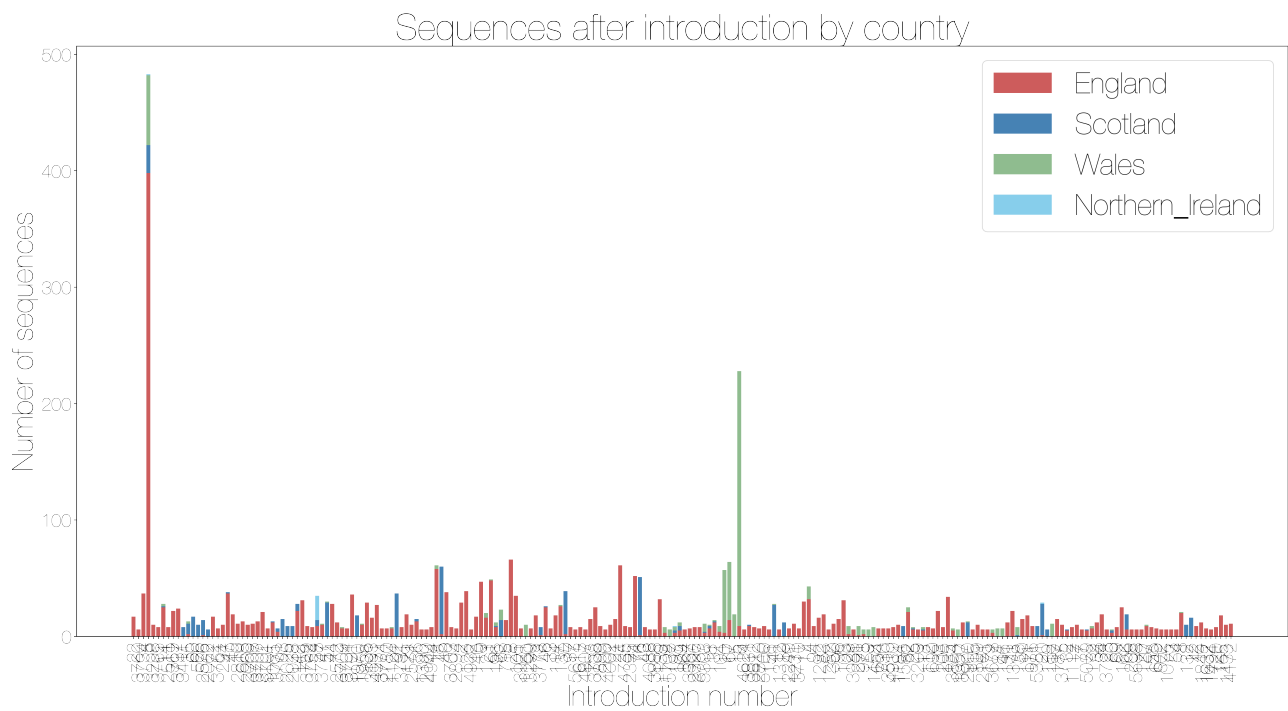| Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK1160	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Mar-28, Apr-17	10	B.1.11	8
UK3775	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-04	10	B.1	21
UK566	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-23	10	B.1	2
UK3831	9 (90.0%)	1 (10.0%)	0 (0%)	0 (0%)	Mar-28, Apr-12	10	set()	13
UK4002	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-14	10	B.1	11
UK2060	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, Apr-23	10	B.1.5	2
UK57	9 (90.0%)	0 (0%)	1 (10.0%)	0 (0%)	Mar-16, Mar-30	10	B.8	26
UK1586	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-19, Apr-08	9	set()	17
UK4735	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-14	9	set()	11
UK3759	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-22	9	B.1	3
UK197	3 (33.33%)	2 (22.22%)	3 (33.33%)	1 (11.11%)	Mar-30, Apr-13	9	B.1	12
UK104	4 (44.44%)	0 (0%)	5 (55.56%)	0 (0%)	Mar-06, Apr-13	9	B.1	12
UK2899	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Apr-15	9	B.1	10
UK42	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-26, Mar-15	9	B.1	41
UK172	7 (77.78%)	0 (0%)	2 (22.22%)	0 (0%)	Mar-03, Apr-02	9	B.1.7	23
UK5700	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-12	9	set()	13
UK29	2 (22.22%)	0 (0%)	7 (77.78%)	0 (0%)	Feb-03, Apr-08	9	B.3	17
UK2025	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-05, Apr-22	9	B.1.5	3
UK976	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-05	9	B.1	20
UK291	1 (11.11%)	0 (0%)	8 (88.89%)	0 (0%)	Mar-27, Apr-08	9	B.1	17
UK94	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	9	B.2	14
UK2038	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-13, Apr-22	9	B.1.5	3
UK5381	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-05	9	set()	20
UK112	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-07	8	B	18

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK4944	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-20	8	B.2.1	5
UK1124	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-31, Apr-21	8	B.1	4
UK158	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Mar-30	8	B.2.1	26
UK3812	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-12	8	B.1	13
UK4930	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-08	8	set()	17
UK1458	0 (0%)	0 (0%)	8 (100.0%)	0 (0%)	Mar-23, Apr-08	8	B.1	17
UK3731	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-21	8	B.1	4
UK69	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-01	8	B.2.1	24
UK3754	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-22	8	B.1	3
UK37	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-15	8	B.1.7, B.1	10
UK2511	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Apr-24	8	set()	1
UK43	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	8	B.2.1	12
UK613	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-15	8	B.1.7	10
UK3778	1 (12.5%)	7 (87.5%)	0 (0%)	0 (0%)	Mar-25, Apr-17	8	B.1	8
UK138	0 (0%)	1 (12.5%)	7 (87.5%)	0 (0%)	Mar-16, Apr-05	8	B.2.1	20
UK25	6 (75.0%)	1 (12.5%)	1 (12.5%)	0 (0%)	Mar-10, Apr-08	8	B.2.2	17
UK3411	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-23	8	B.1	2
UK13	5 (62.5%)	1 (12.5%)	2 (25.0%)	0 (0%)	Mar-03, Apr-07	8	B.2	18
UK2395	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-14	8	set()	11
UK1112	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-03	8	B.1.13	22
UK3709	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Apr-07, Apr-22	8	B.1	3
UK1109	3 (37.5%)	0 (0%)	5 (62.5%)	0 (0%)	Mar-21, Apr-13	8	B.2.1	12
UK2396	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-13	8	B.1.11	12
UK3765	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-24	8	B.1	1

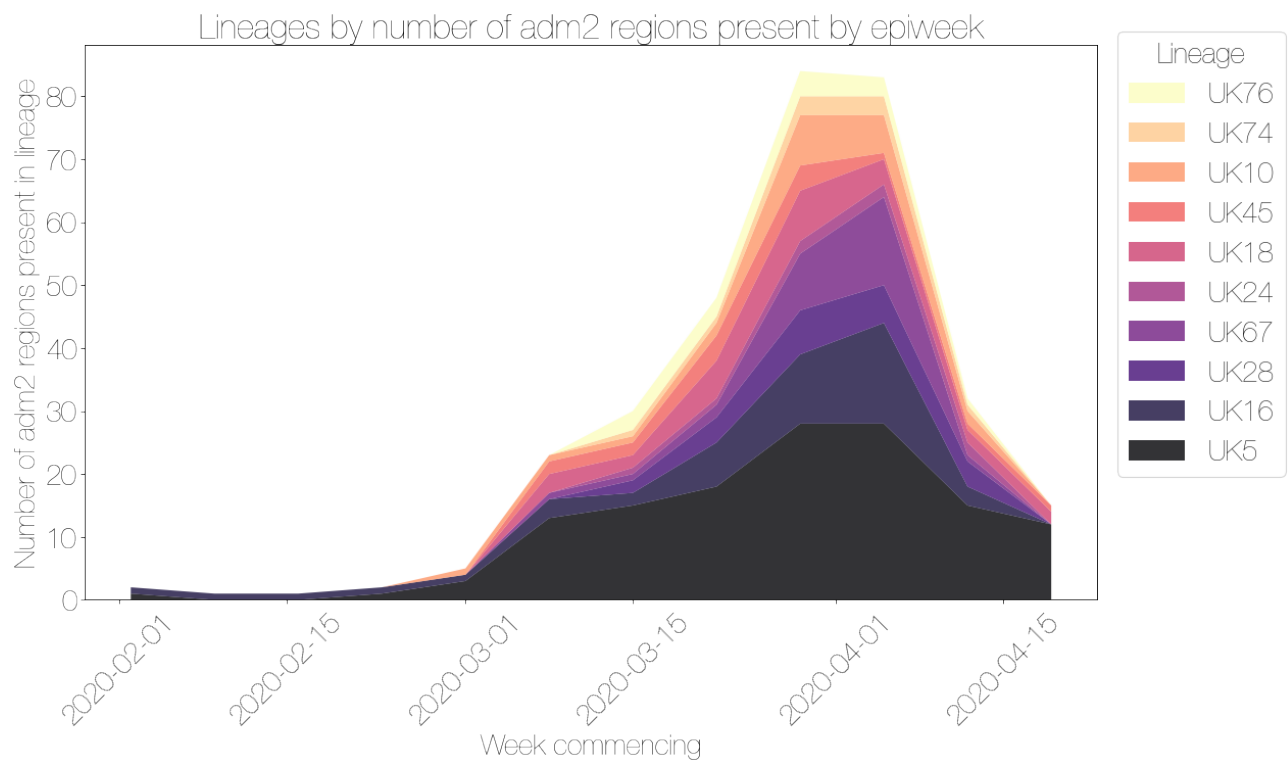| Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK3703	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, Apr-20	8	B.1	5
UK720	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-07	8	B.2.1	49
UK205	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-07	8	set()	18
UK3767	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-13	8	B.1	12
UK2240	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-11	7	set()	14
UK3761	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-23	7	set()	2
UK690	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-07	7	set()	18
UK3774	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-20, Apr-21	7	B.1	4
UK730	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-08	7	B.1	17
UK3810	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-08	7	set()	17
UK654	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-08	7	set()	17
UK33	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-16	7	B.2.1	9
UK146	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-18, Apr-06	7	B.2.2	19
UK2840	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-12	7	B.1	13
UK3921	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-17	7	B.1	8
UK3367	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-13	7	set()	12
UK3854	5 (71.43%)	0 (0%)	2 (28.57%)	0 (0%)	Mar-01, Apr-07	7	B.1	18
UK3771	4 (57.14%)	3 (42.86%)	0 (0%)	0 (0%)	Apr-01, Apr-22	7	B.1	3
UK184	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-28, Apr-06	7	B.1	19
UK2780	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	7	B.1	4
UK3299	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-17	7	B.1	8
UK649	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	7	B.1	26
UK2894	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, Apr-20	7	B.1	5
UK3704	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, Apr-22	7	B.1	3

Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK3710	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-11	7	B.1	14
UK5701	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-23	7	B.1	2
UK1632	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	7	B.4	48
UK32	5 (83.33%)	1 (16.67%)	0 (0%)	0 (0%)	Mar-05, Apr-03	6	B.2.2	22
UK5735	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-26, Apr-13	6	B.1	12
UK120	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Mar-31	6	B.1.7, B.1	25
UK5598	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Mar-31	6	set()	25
UK1350	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-28, Apr-07	6	B.1	18
UK5039	5 (83.33%)	1 (16.67%)	0 (0%)	0 (0%)	Mar-18, Apr-02	6	B.2, B.2.1	23
UK502	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Mar-30	6	B.3	26
UK4088	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1	12
UK4932	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	6	B.2.1	6
UK3986	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-08	6	B.1	17
UK23	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Mar-29	6	B.2.2	27
UK189	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-04	6	B.1	21
UK115	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-06	6	set()	19
UK59	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Feb-22, Apr-08	6	B.2.1	17
UK3678	3 (50.0%)	0 (0%)	3 (50.0%)	0 (0%)	Mar-31, Apr-06	6	B.1	19
UK200	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Apr-14	6	B.2.1	11
UK54	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Mar-28	6	B.2, B.2.1	28
UK1252	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-10	6	set()	15
UK2062	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-18, Apr-23	6	B.1.5	2
UK3888	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1	12
UK864	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	6	set()	12

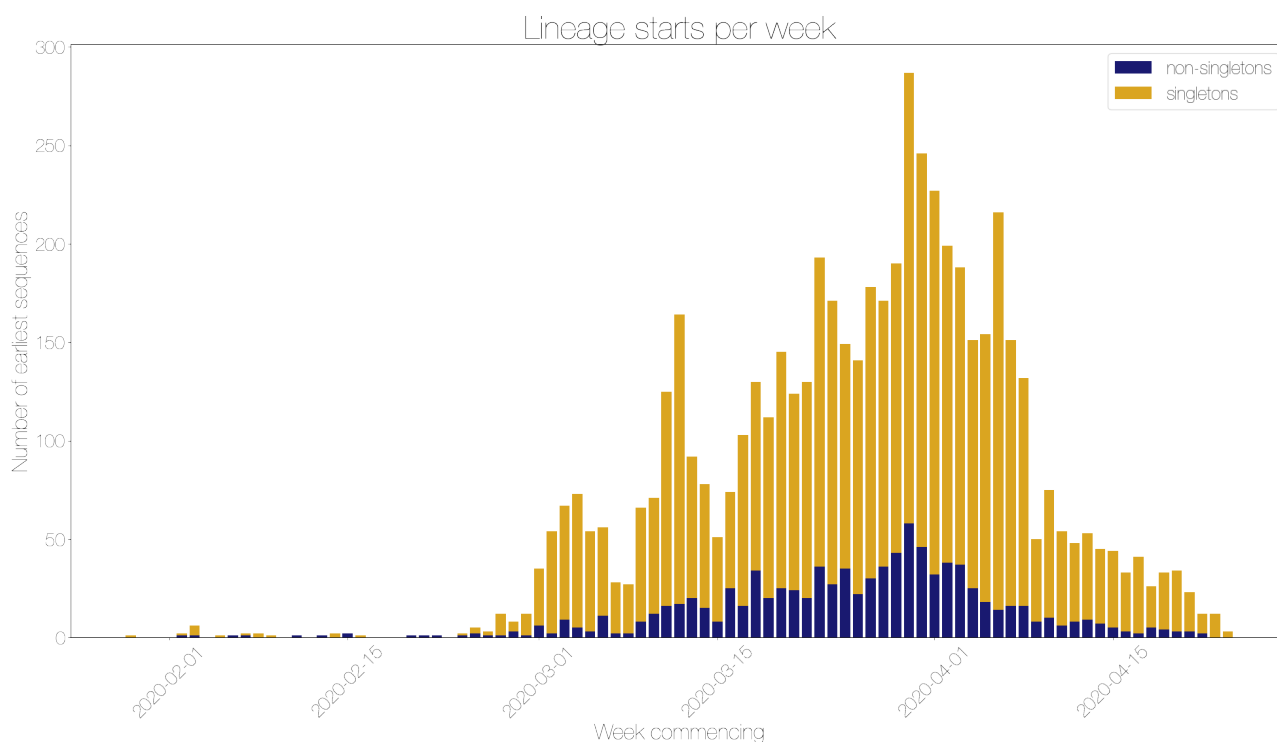| Introduction	England	Scotland	Wales	Northern Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK77	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-03	6	B.1	22
UK1390	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	6	set()	5
UK1075	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Mar-30	6	B.1	26
UK3209	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-07	6	B.1	18
UK2161	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-06	6	set()	19
UK2160	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-20	6	set()	5
UK156	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-12	6	B.1	13
UK978	2 (33.33%)	0 (0%)	4 (66.67%)	0 (0%)	Mar-20, Apr-08	6	B.2.1	17
UK4807	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-15	6	set()	10
UK1312	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-12	6	B.1	13
UK1494	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	49
UK4624	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-12	6	set()	13
UK208	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Mar-31	6	B.2.1	25
UK179	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-06	6	B.1.10	19
UK80	3 (50.0%)	2 (33.33%)	1 (16.67%)	0 (0%)	Mar-20, Apr-01	6	B.1	24
UK3760	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-25	6	B.1	0
UK3728	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-02	6	B.1	23
UK5617	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-15	6	B	10

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.
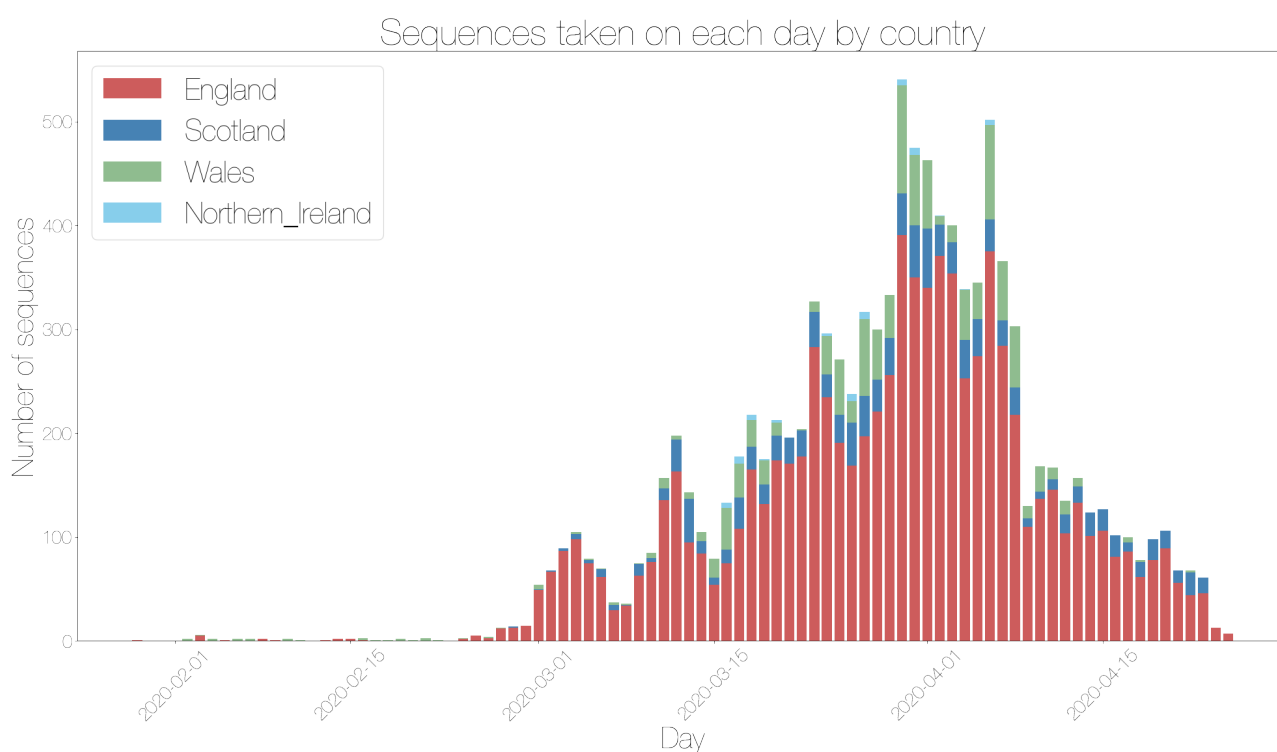
Sequences after introduction by country

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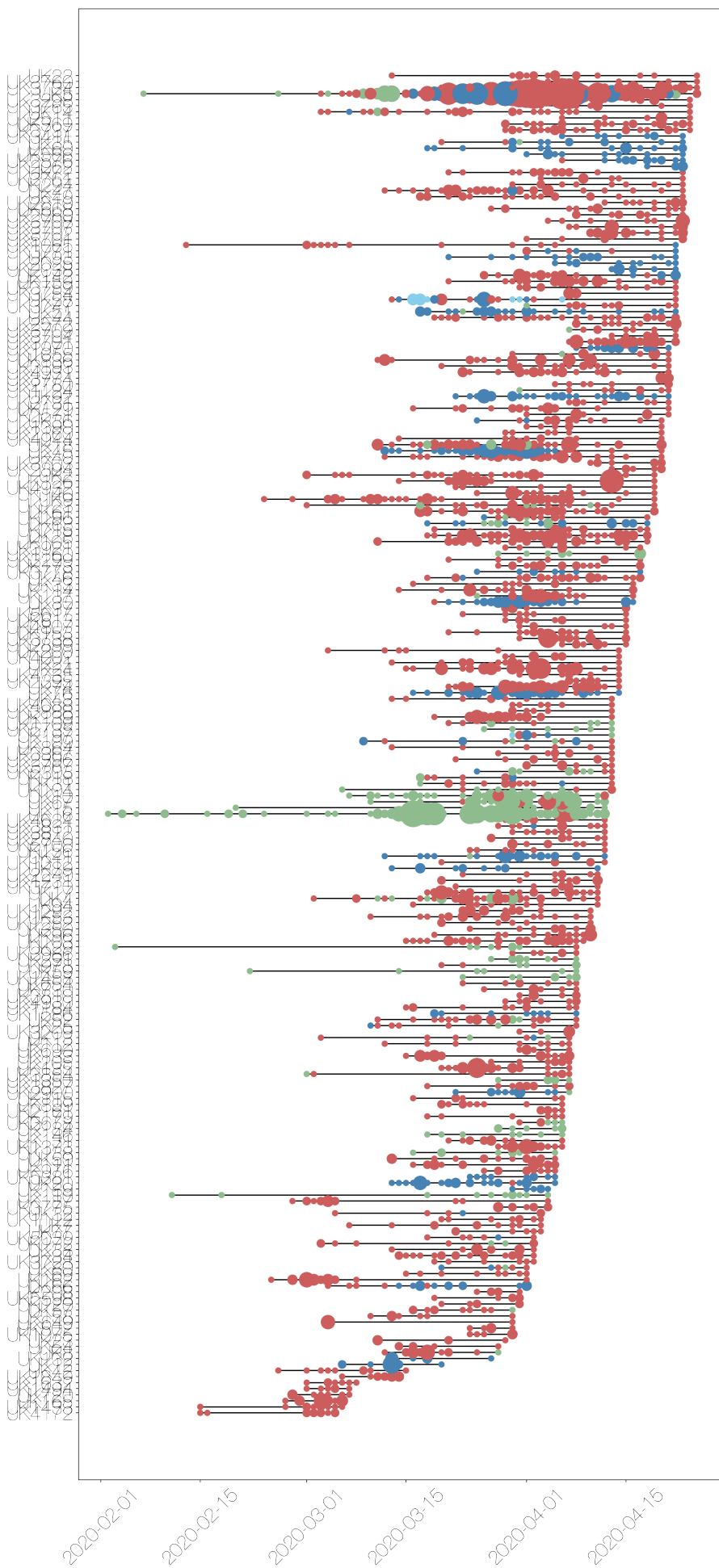

Lineages by number of adm2 regions present by epiweek

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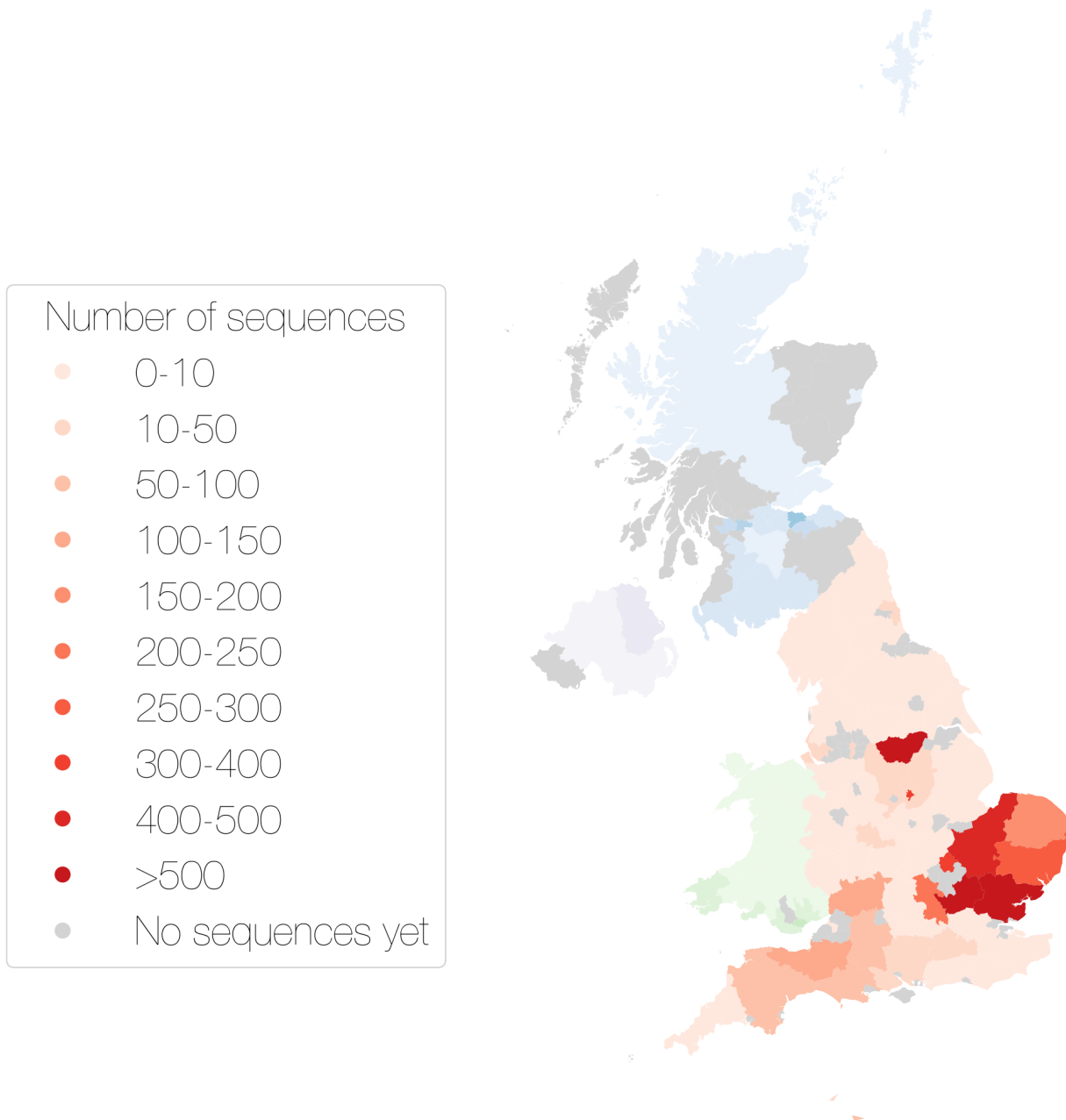
Lineage starts per week

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.

Sequences taken on each day by country

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.

COVID-19 sequences from each Admn2 region UK

Number of sequences
- 0-10
- 10-50
- 50-100
- 100-150
- 150-200
- 200-250
- 250-300
- 300-400
- 400-500
- >500
- No sequences yet

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.