

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 lineages and the number of sequences the dataset, 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.

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)
UK5	1000 (83.47%)	125 (10.43%)	70 (5.84%)	3 (0.25%)	Mar-03, May-22	1198	B.1.1.1, B.1, B.1.1	2
UK2464	240 (59.7%)	70 (17.41%)	92 (22.89%)	0 (0%)	Mar-09, May-12	402	B.1.p11	12
UK61	22 (6.08%)	340 (93.92%)	0 (0%)	0 (0%)	Mar-10, May-01	362	B.3	23
UK701	244 (80.79%)	43 (14.24%)	7 (2.32%)	8 (2.65%)	Feb-03, May-10	302	B.1, B.1.p11	14
UK36	81 (26.91%)	2 (0.66%)	216 (71.76%)	2 (0.66%)	Mar-18, May-12	301	B.1	12
UK19	137 (62.84%)	81 (37.16%)	0 (0%)	0 (0%)	Mar-09, May-10	218	B.1.44, B.1	14

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK9	199 (99.5%)	1 (0.5%)	0 (0%)	0 (0%)	Mar-09, May-05	200	B.1.13	19
UK52	3 (1.69%)	0 (0%)	175 (98.31%)	0 (0%)	Mar-16, May-12	178	B.1.p73, B.1	12
UK158	25 (14.97%)	142 (85.03%)	0 (0%)	0 (0%)	Mar-20, May-02	167	B.1.1.2, B.1.1	22
UK4	138 (90.79%)	13 (8.55%)	1 (0.66%)	0 (0%)	Feb-28, May-01	152	B	23
UK632	54 (35.76%)	97 (64.24%)	0 (0%)	0 (0%)	Mar-23, May-17	151	B.1.1	7
UK40	6 (4.48%)	2 (1.49%)	126 (94.03%)	0 (0%)	Mar-13, May-12	134	B, B.16	12
UK42	10 (8.0%)	112 (89.6%)	3 (2.4%)	0 (0%)	Mar-07, May-07	125	B.1, B.1.35	17
UK74	21 (17.95%)	96 (82.05%)	0 (0%)	0 (0%)	Mar-12, May-03	117	B.1	21
UK6	112 (96.55%)	0 (0%)	4 (3.45%)	0 (0%)	Mar-06, May-13	116	B.1	11
UK494	105 (98.13%)	1 (0.93%)	1 (0.93%)	0 (0%)	Mar-20, May-05	107	B.1.p11	19
UK63	103 (97.17%)	2 (1.89%)	1 (0.94%)	0 (0%)	Mar-18, May-05	106	B.1.1	19
UK2200	22 (24.44%)	33 (36.67%)	32 (35.56%)	3 (3.33%)	Feb-28, May-05	90	B.1.5.6, B.1.5	19
UK66	68 (80.0%)	0 (0%)	16 (18.82%)	1 (1.18%)	Mar-18, May-20	85	B.1.1.8	4
UK39	0 (0%)	0 (0%)	80 (100.0%)	0 (0%)	Mar-12, May-10	80	A.2	14
UK371	79 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, May-19	79	B.1.1	5
UK77	74 (94.87%)	4 (5.13%)	0 (0%)	0 (0%)	Mar-11, May-20	78	B.2.4, B.2	4

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK72	18 (23.38%)	0 (0%)	7 (9.09%)	52 (67.53%)	Mar-11, May-04	77	B.10	20
UK5322	53 (70.67%)	16 (21.33%)	5 (6.67%)	1 (1.33%)	Mar-23, May-13	75	B.1.1	11
UK26	73 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-18	73	B.1.1.3	6
UK177	73 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-02	73	B.1.1	22
UK31	71 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, May-08	71	B.1	16
UK107	68 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-21	68	B.2, B.2.5, B.2.1	33
UK175	0 (0%)	0 (0%)	67 (100.0%)	0 (0%)	Mar-22, May-04	67	B.1	20
UK495	2 (2.99%)	65 (97.01%)	0 (0%)	0 (0%)	Mar-27, May-02	67	B.1.p11	22
UK89	64 (96.97%)	2 (3.03%)	0 (0%)	0 (0%)	Mar-11, May-17	66	B.1.1.9	7
UK37	60 (96.77%)	1 (1.61%)	1 (1.61%)	0 (0%)	Mar-17, May-04	62	B.1, B.1.30	20
UK274	59 (95.16%)	2 (3.23%)	1 (1.61%)	0 (0%)	Mar-06, May-11	62	B, B.3	13
UK200	62 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-14	62	B.1.p11	10
UK194	61 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, Apr-24	61	B.1.1	30
UK343	60 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-24	60	B.1	30
UK115	58 (98.31%)	1 (1.69%)	0 (0%)	0 (0%)	Mar-15, Apr-20	59	B.2.1	34
UK233	59 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-13	59	B.1.1	11
UK51	50 (87.72%)	0 (0%)	6 (10.53%)	1 (1.75%)	Mar-21, May-19	57	B.1.36	5

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK476	56 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-06	56	B.1.1	18
UK225	1 (1.79%)	2 (3.57%)	50 (89.29%)	3 (5.36%)	Mar-14, Apr-10	56	B.2	44
UK112	55 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, May-04	55	B.1.1.p11, B.1.1	20
UK62	52 (94.55%)	0 (0%)	3 (5.45%)	0 (0%)	Mar-12, Apr-23	55	B.3	31
UK12	36 (65.45%)	0 (0%)	18 (32.73%)	1 (1.82%)	Mar-12, May-13	55	B.1.p11	11
UK204	54 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, May-12	54	B.1.1	12
UK33	50 (96.15%)	0 (0%)	2 (3.85%)	0 (0%)	Mar-21, May-15	52	B.1.1	9
UK199	52 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-17	52	B.1.5.5	7
UK11	46 (90.2%)	3 (5.88%)	2 (3.92%)	0 (0%)	Mar-04, Apr-11	51	B.1	43
UK53	26 (52.0%)	0 (0%)	24 (48.0%)	0 (0%)	Mar-26, May-22	50	B.1.1.4	2
UK3	48 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-24, May-10	48	B.1	14
UK94	47 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-19	47	B.2, B.2.1	35
UK13	46 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, May-13	46	B.1.1	11
UK28	45 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, May-01	45	B.1.1.10	23
UK760	1 (2.27%)	0 (0%)	0 (0%)	43 (97.73%)	Mar-21, Apr-22	44	B.1.1	32
UK238	44 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-03	44	B.1.1	21
UK513	43 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-12, Apr-29	43	B.1.p11	25
UK8	38 (90.48%)	2 (4.76%)	2 (4.76%)	0 (0%)	Mar-03, May-01	42	B	23

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK88	0 (0%)	1 (2.44%)	40 (97.56%)	0 (0%)	Mar-22, May-12	41	B.1	12
UK187	4 (10.0%)	26 (65.0%)	5 (12.5%)	5 (12.5%)	Mar-23, Apr-28	40	B.1	26
UK44	0 (0%)	0 (0%)	39 (97.5%)	1 (2.5%)	Mar-17, May-01	40	B	23
UK86	16 (41.03%)	23 (58.97%)	0 (0%)	0 (0%)	Mar-05, Apr-28	39	B.1	26
UK2240	37 (94.87%)	0 (0%)	2 (5.13%)	0 (0%)	Mar-01, Apr-19	39	B.1	35
UK131	34 (87.18%)	5 (12.82%)	0 (0%)	0 (0%)	Mar-11, Apr-14	39	B, B.15	40
UK23	37 (97.37%)	0 (0%)	1 (2.63%)	0 (0%)	Mar-12, May-02	38	B, B.9	22
UK214	37 (97.37%)	0 (0%)	1 (2.63%)	0 (0%)	Mar-14, May-13	38	B.1.1	11
UK5098	1 (2.7%)	0 (0%)	36 (97.3%)	0 (0%)	Mar-21, May-09	37	B.1.p73, B.2.1	15
UK128	37 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-23	37	B.1.1	1
UK346	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-19	36	B.1, B.1.72	35
UK283	36 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-04	36	B.1.1	20
UK179	14 (38.89%)	22 (61.11%)	0 (0%)	0 (0%)	Mar-17, May-01	36	B.1.1.p11	23
UK57	35 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-04	35	B.1.1	20
UK147	34 (97.14%)	0 (0%)	1 (2.86%)	0 (0%)	Apr-04, May-22	35	B.1.1	2
UK1845	30 (88.24%)	2 (5.88%)	1 (2.94%)	1 (2.94%)	Mar-01, Apr-11	34	B	43
UK18	34 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-03	34	B.1.1.7	21
UK41	25 (73.53%)	9 (26.47%)	0 (0%)	0 (0%)	Mar-01, Apr-27	34	B.1	27

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK138	33 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-26	33	B.2.1	28
UK64	24 (72.73%)	9 (27.27%)	0 (0%)	0 (0%)	Mar-12, Apr-20	33	B.1	34
UK14	7 (21.88%)	0 (0%)	25 (78.12%)	0 (0%)	Mar-04, Apr-27	32	B	27
UK167	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-21	31	B.1, B.1.66	3
UK119	23 (74.19%)	7 (22.58%)	1 (3.23%)	0 (0%)	Mar-11, Apr-16	31	B.2.5	38
UK173	31 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, May-06	31	B	18
UK300	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-04	30	B.1.1	20
UK79	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, May-05	30	B.1	19
UK5672	30 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-13	30	B.2	11
UK43	1 (3.45%)	0 (0%)	28 (96.55%)	0 (0%)	Mar-12, Apr-26	29	A.5	28
UK241	29 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-16	29	B.1.5.3	38
UK95	28 (96.55%)	0 (0%)	1 (3.45%)	0 (0%)	Mar-10, May-03	29	B.2.1	21
UK183	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-28	28	B.1.1	26
UK116	28 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-25, Apr-01	28	B.2.1	53
UK193	18 (64.29%)	10 (35.71%)	0 (0%)	0 (0%)	Apr-01, May-01	28	B.1.1	23
UK82	1 (3.57%)	0 (0%)	27 (96.43%)	0 (0%)	Mar-25, May-06	28	B.1.1.p11, B.1.1	18
UK5675	25 (89.29%)	1 (3.57%)	1 (3.57%)	1 (3.57%)	Mar-03, Apr-10	28	B.2	44
UK45	14 (53.85%)	10 (38.46%)	2 (7.69%)	0 (0%)	Mar-01, Apr-20	26	B.1.1	34
UK46	25 (96.15%)	1 (3.85%)	0 (0%)	0 (0%)	Mar-02, May-08	26	B.2.1	16

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK351	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, May-17	26	B.1.1, B.1.1.10	7
UK565	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-13	26	B.1.1	11
UK144	26 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-05, Apr-07	26	B.2.1	47
UK109	23 (88.46%)	1 (3.85%)	2 (7.69%)	0 (0%)	Mar-21, May-01	26	B.1.5	23
UK92	25 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-28	25	B.1.1	26
UK296	0 (0%)	0 (0%)	25 (100.0%)	0 (0%)	Apr-08, May-13	25	B.1.5	11
UK81	24 (96.0%)	0 (0%)	1 (4.0%)	0 (0%)	Mar-19, Apr-27	25	B.1.1	27
UK5649	22 (88.0%)	2 (8.0%)	1 (4.0%)	0 (0%)	Mar-15, May-01	25	B.2.6	23
UK5549	21 (87.5%)	0 (0%)	1 (4.17%)	2 (8.33%)	Mar-04, May-10	24	B.2.2	14
UK56	24 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-06	24	B.1.1	18
UK21	0 (0%)	0 (0%)	24 (100.0%)	0 (0%)	Mar-18, May-23	24	B.1.40	1
UK473	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-29	24	B.1.1	25
UK633	0 (0%)	24 (100.0%)	0 (0%)	0 (0%)	Apr-03, May-01	24	B.1.1.16, B.1.1.p16	23
UK101	22 (95.65%)	0 (0%)	1 (4.35%)	0 (0%)	Mar-21, Apr-27	23	B.1.5	27
UK235	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, May-04	23	B.1.1	20
UK322	3 (13.04%)	15 (65.22%)	5 (21.74%)	0 (0%)	Mar-16, Apr-26	23	B.1, B.1.5	28
UK156	0 (0%)	9 (39.13%)	14 (60.87%)	0 (0%)	Mar-18, Apr-30	23	B.1.71	24
UK326	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, May-22	23	B.1.1.10	2

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK103	23 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-20	23	B.1.1	4
UK30	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, May-15	22	B.1.1	9
UK4507	0 (0%)	22 (100.0%)	0 (0%)	0 (0%)	Apr-14, May-03	22	B.1	21
UK279	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-25	22	B.1.1	29
UK114	22 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-21	22	B.1.1	33
UK394	5 (23.81%)	16 (76.19%)	0 (0%)	0 (0%)	Mar-24, Apr-24	21	B.1.1, B.1.1.10	30
UK5309	18 (85.71%)	3 (14.29%)	0 (0%)	0 (0%)	Mar-20, Apr-29	21	B.1.1, B.1.1.10	25
UK5561	4 (19.05%)	12 (57.14%)	4 (19.05%)	1 (4.76%)	Mar-20, Apr-27	21	B.2.2	27
UK174	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-22	21	B.1.5	2
UK113	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, May-19	21	B.1.1	5
UK5668	0 (0%)	0 (0%)	21 (100.0%)	0 (0%)	Mar-13, May-09	21	B.2	15
UK291	20 (95.24%)	1 (4.76%)	0 (0%)	0 (0%)	Mar-13, Apr-05	21	B.2.1	49
UK384	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-02	21	B.2.1	52
UK135	21 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-14	21	B.1.p11	10
UK293	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-28	20	B.1	26
UK24	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	20	B.1.1, B.1.1.10	24
UK298	0 (0%)	20 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-29	20	B.1.1	25
UK75	20 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-26	20	B.1, B.1.34	28
UK87	0 (0%)	0 (0%)	20 (100.0%)	0 (0%)	Mar-13, Apr-20	20	B.1.70	34
UK514	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	19	B.1.1	41

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UK419	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-02	19	B.1.1	22
UK150	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Mar-21, Apr-22	19	B.1.1.p12	32
UK403	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-04	19	B.1.1	20
UK307	19 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-04	19	B.1.1	20
UK461	0 (0%)	0 (0%)	19 (100.0%)	0 (0%)	Apr-18, May-19	19	B.1.5	5
UK134	15 (78.95%)	0 (0%)	4 (21.05%)	0 (0%)	Mar-04, Apr-07	19	B.1	47
UK155	10 (52.63%)	7 (36.84%)	1 (5.26%)	1 (5.26%)	Feb-27, May-03	19	B.1	21
UK304	0 (0%)	0 (0%)	18 (100.0%)	0 (0%)	Apr-16, May-20	18	B.1.1.14	4
UK5378	6 (33.33%)	12 (66.67%)	0 (0%)	0 (0%)	Mar-23, May-01	18	B.1.1	23
UK248	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-11	18	B.1.1	13
UK472	0 (0%)	18 (100.0%)	0 (0%)	0 (0%)	Apr-04, Apr-27	18	B.1.1.p11, B.1.1	27
UK117	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Apr-04	18	B.2.1	50
UK502	0 (0%)	0 (0%)	18 (100.0%)	0 (0%)	Mar-06, Mar-30	18	B.1.69	55
UK143	18 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-16	18	B.2.1	38
UK5084	15 (88.24%)	2 (11.76%)	0 (0%)	0 (0%)	Mar-23, Apr-16	17	B.1, B.2.1, B.1.p11	38
UK604	12 (70.59%)	2 (11.76%)	3 (17.65%)	0 (0%)	Mar-06, Mar-17	17	B.1.1	68
UK444	16 (94.12%)	1 (5.88%)	0 (0%)	0 (0%)	Mar-24, May-02	17	B.1.1	22
UK277	3 (17.65%)	14 (82.35%)	0 (0%)	0 (0%)	Mar-28, May-07	17	B.1.1	17

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK163	11 (64.71%)	1 (5.88%)	5 (29.41%)	0 (0%)	Mar-27, May-03	17	B.1.1	21
UK2557	7 (41.18%)	5 (29.41%)	5 (29.41%)	0 (0%)	Mar-22, May-13	17	B.1.p11	11
UK38	10 (58.82%)	0 (0%)	7 (41.18%)	0 (0%)	Mar-04, May-01	17	B.2.1	23
UK47	11 (68.75%)	5 (31.25%)	0 (0%)	0 (0%)	Mar-17, Apr-13	16	B.1.1	41
UK392	0 (0%)	16 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-12	16	B.1.67	42
UK195	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	16	B.1.1	21
UK203	12 (75.0%)	4 (25.0%)	0 (0%)	0 (0%)	Mar-31, May-17	16	B.1.1	7
UK888	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, May-01	16	B.1.1	23
UK67	16 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-21	16	B.1.1	3
UK146	14 (93.33%)	0 (0%)	1 (6.67%)	0 (0%)	Mar-24, May-07	15	B.1.1	17
UK236	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-27, Apr-22	15	B.1.1	32
UK5556	0 (0%)	15 (100.0%)	0 (0%)	0 (0%)	Mar-18, Apr-16	15	B.2.2	38
UK2045	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-17, Apr-29	15	B, B.1	25
UK397	13 (86.67%)	0 (0%)	2 (13.33%)	0 (0%)	Mar-28, Apr-14	15	B.1.1.13	40
UK269	12 (80.0%)	3 (20.0%)	0 (0%)	0 (0%)	Mar-31, May-06	15	B.1.1	18
UK374	15 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-20	15	B.1.1	34
UK264	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Mar-29, Apr-22	15	B.1.p11	32
UK295	1 (6.67%)	1 (6.67%)	3 (20.0%)	10 (66.67%)	Mar-11, Apr-22	15	B	32
UK5669	0 (0%)	0 (0%)	15 (100.0%)	0 (0%)	Mar-24, May-07	15	B.2	17

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK249	14 (93.33%)	1 (6.67%)	0 (0%)	0 (0%)	Mar-31, Apr-25	15	B.1.1	29
UK5409	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	14	B.1.1	35
UK726	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-04	14	B.1	20
UK370	0 (0%)	0 (0%)	14 (100.0%)	0 (0%)	Apr-06, Apr-27	14	B.1.1.10	27
UK376	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-08	14	B.1.1	16
UK253	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-03	14	B.1.1	21
UK303	4 (28.57%)	10 (71.43%)	0 (0%)	0 (0%)	Mar-23, Apr-14	14	B.1.1	40
UK71	13 (92.86%)	1 (7.14%)	0 (0%)	0 (0%)	Mar-08, Apr-30	14	B	24
UK5498	13 (92.86%)	0 (0%)	1 (7.14%)	0 (0%)	Mar-23, Apr-20	14	B.1.1, B.2	34
UK5180	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-24	14	B.1.1.7	30
UK276	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-04	14	B.1.1	20
UK441	11 (78.57%)	3 (21.43%)	0 (0%)	0 (0%)	Apr-04, May-01	14	B.1.1	23
UK635	5 (35.71%)	9 (64.29%)	0 (0%)	0 (0%)	Apr-05, May-13	14	B.1.1	11
UK722	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-05	14	B.1.1	19
UK153	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-14	14	B.2	40
UK254	14 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-14	14	B.1.1	40
UK186	12 (92.31%)	1 (7.69%)	0 (0%)	0 (0%)	Mar-27, May-15	13	B	9
UK637	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-01	13	B.1.1	23
UK5260	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-02	13	B.1.1	22

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK58	6 (46.15%)	0 (0%)	7 (53.85%)	0 (0%)	Mar-12, Apr-09	13	B.1	45
UK603	0 (0%)	13 (100.0%)	0 (0%)	0 (0%)	Mar-29, Apr-09	13	B.1.1	45
UK219	10 (76.92%)	0 (0%)	3 (23.08%)	0 (0%)	Mar-26, May-02	13	B.1.1	22
UK34	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Apr-02	13	B.4	52
UK278	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, May-07	13	B.1.1	17
UK378	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-15, Mar-05	13	B.1.1	80
UK354	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-07	13	B.1.1	47
UK308	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-18	13	B.1.1	6
UK5715	12 (92.31%)	0 (0%)	1 (7.69%)	0 (0%)	Feb-13, Apr-22	13	B.2	32
UK558	0 (0%)	0 (0%)	13 (100.0%)	0 (0%)	Apr-24, May-22	13	B.1.5	2
UK132	10 (76.92%)	1 (7.69%)	2 (15.38%)	0 (0%)	Mar-27, Apr-30	13	B.1	24
UK501	13 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-22	13	B, B.1	32
UK126	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	12	B.1.1	21
UK73	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-01, May-10	12	B.1.p11	14
UK694	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, Mar-14	12	B	71
UK479	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, May-12	12	B.1.1	12
UK499	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Apr-24, May-15	12	B.1.5	9
UK347	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-02	12	B.1	52
UK180	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-30, May-01	12	B.1.1	23

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK137	2 (16.67%)	0 (0%)	10 (83.33%)	0 (0%)	Mar-10, Apr-13	12	B.1.1	41
UK504	0 (0%)	12 (100.0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	12	B.1.1	41
UK100	1 (8.33%)	0 (0%)	11 (91.67%)	0 (0%)	Mar-22, May-12	12	B.1.5	12
UK261	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Mar-15, Apr-08	12	A.3	46
UK511	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, May-06	12	B.1.1	18
UK168	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-16	12	B.2.1	38
UK148	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, May-13	12	B.1.1	11
UK202	6 (50.0%)	5 (41.67%)	1 (8.33%)	0 (0%)	Mar-10, May-01	12	B.1.1	23
UK111	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-25, May-01	12	B.1.1	23
UK251	11 (91.67%)	1 (8.33%)	0 (0%)	0 (0%)	Mar-17, May-02	12	B.1.1	22
UK5685	9 (75.0%)	1 (8.33%)	2 (16.67%)	0 (0%)	Mar-17, Apr-13	12	B.2	41
UK329	12 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, May-09	12	B.1.1	15
UK160	0 (0%)	0 (0%)	12 (100.0%)	0 (0%)	Mar-31, May-02	12	B.1.1	22
UK5339	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-15, Apr-29	11	B.1.1	25
UK266	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-06, Apr-30	11	B.1	24
UK211	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-24, Apr-30	11	B.1.5	24
UK530	0 (0%)	11 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-13	11	B.1.1	41
UK83	8 (72.73%)	1 (9.09%)	2 (18.18%)	0 (0%)	Feb-29, Apr-08	11	B.1.1	46
UK70	8 (72.73%)	1 (9.09%)	0 (0%)	2 (18.18%)	Mar-06, Apr-16	11	B.2	38

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK415	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-19, May-06	11	B.1	18
UK161	6 (54.55%)	5 (45.45%)	0 (0%)	0 (0%)	Mar-10, May-03	11	B.1.1	21
UK759	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-04	11	B.1.1	50
UK141	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-24	11	B.1.1	30
UK287	8 (72.73%)	2 (18.18%)	1 (9.09%)	0 (0%)	Mar-26, Apr-18	11	B.1	36
UK255	10 (90.91%)	0 (0%)	1 (9.09%)	0 (0%)	Mar-26, Apr-20	11	B.1.1	34
UK240	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-16, Apr-11	11	B.2	43
UK268	7 (63.64%)	4 (36.36%)	0 (0%)	0 (0%)	Mar-23, Apr-16	11	B.1.1	38
UK1018	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-20, Apr-21	11	B.1.1	33
UK562	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Mar-27, Apr-25	11	B.1	29
UK1539	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	May-09, May-24	11	B.1.5	0
UK54	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-30	11	B.1.1.10	24
UK532	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-09	11	B.1.1	15
UK368	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, May-01	11	B.1	23
UK428	11 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-06	11	B.2, B.2.1	48
UK436	0 (0%)	0 (0%)	11 (100.0%)	0 (0%)	Apr-13, May-14	11	B.1.5	10
UK909	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-13, Apr-20	10	B.1	34
UK125	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-10	10	B.1.1	14
UK198	0 (0%)	2 (20.0%)	6 (60.0%)	2 (20.0%)	Mar-18, Apr-15	10	A, B.1.5	39
UK1737	9 (90.0%)	0 (0%)	1 (10.0%)	0 (0%)	Mar-11, Apr-14	10	B.1	40

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK22	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-02, Apr-21	10	B	33
UK123	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, May-01	10	B.1	23
UK242	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-20	10	B.1.5	34
UK171	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-13	10	B.2, B.2.1	41
UK5681	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-27	10	B.2	27
UK571	0 (0%)	10 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-29	10	B.1.1	25
UK5557	8 (80.0%)	1 (10.0%)	1 (10.0%)	0 (0%)	Mar-10, May-07	10	B.2.2, B.2	17
UK15	6 (60.0%)	4 (40.0%)	0 (0%)	0 (0%)	Mar-06, Apr-30	10	B.1.1	24
UK687	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-08	10	B.2, B.2.1	77
UK201	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-03	10	B.1	21
UK78	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-14	10	B.1.5	10
UK220	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-22	10	B.1.1	32
UK178	10 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-14, Apr-13	10	B.1.1	41
UK414	0 (0%)	0 (0%)	10 (100.0%)	0 (0%)	Apr-05, Apr-22	10	B.1.5	32
UK2891	3 (30.0%)	7 (70.0%)	0 (0%)	0 (0%)	Mar-23, Apr-24	10	B.1.1	30
UK142	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-15, Apr-17	9	B.2.1	37
UK471	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-24	9	B.1.1	30
UK91	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-06	9	B.1.1	18
UK802	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-22	9	B.1	32
UK564	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, May-02	9	B.1.1	22

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK5307	7 (77.78%)	2 (22.22%)	0 (0%)	0 (0%)	Mar-08, May-12	9	B.1.1	12
UK80	3 (33.33%)	6 (66.67%)	0 (0%)	0 (0%)	Mar-09, Apr-27	9	B.1.1.p15	27
UK750	0 (0%)	9 (100.0%)	0 (0%)	0 (0%)	Apr-07, Apr-15	9	B.1	39
UK1667	3 (33.33%)	0 (0%)	6 (66.67%)	0 (0%)	Mar-30, May-07	9	B.1.9, B.1.p9	17
UK5673	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-01	9	B.2	23
UK297	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, May-15	9	B.1.p11	9
UK190	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-30	9	B.1	55
UK306	8 (88.89%)	0 (0%)	1 (11.11%)	0 (0%)	Mar-26, Apr-10	9	B.1.1	44
UK5423	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-23, May-04	9	B.1.1	20
UK1548	0 (0%)	0 (0%)	9 (100.0%)	0 (0%)	Apr-13, Apr-24	9	B.1.5.5, B.1.5	30
UK237	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-16	9	B.1.1	8
UK5663	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-30	9	B.2	24
UK129	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-23, Apr-29	9	B.1.1	25
UK339	2 (22.22%)	7 (77.78%)	0 (0%)	0 (0%)	Mar-25, Apr-14	9	B.3	40
UK2258	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-07	9	B.1, B.1.5	17
UK696	0 (0%)	8 (88.89%)	1 (11.11%)	0 (0%)	Apr-10, May-03	9	B.1, B.1.5	21
UK541	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-02	9	B.1.1	22
UK569	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-10	9	B.1.1	44
UK165	4 (44.44%)	5 (55.56%)	0 (0%)	0 (0%)	Mar-20, Apr-11	9	B.1.1	43

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK3075	1 (11.11%)	8 (88.89%)	0 (0%)	0 (0%)	Apr-16, May-01	9	B.1.1	23
UK5338	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-29, May-02	9	B.1.1	22
UK432	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-09	9	B.3	45
UK312	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-23	9	B.1.1	62
UK244	8 (88.89%)	1 (11.11%)	0 (0%)	0 (0%)	Mar-12, Apr-30	9	B.1.1	24
UK133	2 (22.22%)	0 (0%)	7 (77.78%)	0 (0%)	Mar-22, Apr-25	9	B.1	29
UK462	3 (33.33%)	6 (66.67%)	0 (0%)	0 (0%)	Apr-01, May-11	9	B.1	13
UK90	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-06	9	B.1.1	18
UK645	9 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-08	9	B.2.1	46
UK352	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, May-03	8	B.1.1	21
UK271	1 (12.5%)	0 (0%)	7 (87.5%)	0 (0%)	Apr-02, Apr-26	8	B.1	28
UK5505	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-21	8	B.1, B.2	33
UK223	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-06	8	B.2.1	48
UK69	7 (87.5%)	1 (12.5%)	0 (0%)	0 (0%)	Mar-04, Apr-14	8	B.2.1	40
UK3875	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-08, May-12	8	B.1.1	12
UK188	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-07, Apr-15	8	B.1	39
UK358	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-20, Apr-09	8	B.2.1	45
UK5178	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-17	8	B.1.1.7	37
UK1013	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-15, Apr-16	8	B.1.1	38
UK5308	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-29, May-01	8	B.1.1	23

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK324	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-21	8	B.1.1	33
UK788	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-28, Mar-05	8	B.4	80
UK5174	7 (87.5%)	0 (0%)	0 (0%)	1 (12.5%)	Mar-26, Apr-07	8	B.1.1.7	47
UK733	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-22	8	B.2.1	32
UK311	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-11	8	B.1.1	43
UK739	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-08	8	B.4	77
UK480	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-19	8	B.1.1.10, B.1.1	5
UK5670	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-22, Apr-30	8	B.2	24
UK341	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-12	8	B.1	42
UK574	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-29	8	B.1.1	25
UK182	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-02	8	B.1.1	22
UK252	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	8	B.1.1	25
UK335	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, Apr-15	8	B.2.1	39
UK474	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Apr-01, Apr-16	8	B.1.1	38
UK756	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-05	8	B.1.1	80
UK2904	0 (0%)	0 (0%)	0 (0%)	8 (100.0%)	Apr-06, Apr-22	8	B.1.p11	32
UK367	0 (0%)	8 (100.0%)	0 (0%)	0 (0%)	Mar-25, Apr-27	8	B.1	27
UK65	7 (87.5%)	0 (0%)	1 (12.5%)	0 (0%)	Mar-07, Apr-17	8	B.1.1	37
UK318	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-10	8	B	44
UK5563	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-22	8	B.2.2	32
UK350	2 (25.0%)	6 (75.0%)	0 (0%)	0 (0%)	Mar-31, Apr-20	8	B.1.1	34
UK5707	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-14	8	B.2	40
UK1849	8 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-11, Apr-29	8	B.1.1	25

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK560	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-15, Apr-27	7	B.1.5	27
UK540	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-09, Apr-22	7	B.1.1.p15, B.1.1	32
UK292	4 (57.14%)	3 (42.86%)	0 (0%)	0 (0%)	Mar-21, Apr-13	7	B.2.1	41
UK5112	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, May-08	7	B.1, B.2.1	16
UK213	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-18, Apr-17	7	B.1.1	37
UK647	6 (85.71%)	0 (0%)	1 (14.29%)	0 (0%)	Mar-17, Mar-27	7	B.2, B.2.1	58
UK309	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, May-17	7	B.1.1	7
UK331	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, May-01	7	B.1.1	23
UK49	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-19, May-11	7	B.2.1	13
UK874	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-06, Apr-24	7	B.1	30
UK32	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-01	7	B.1.1	23
UK692	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Apr-03	7	B, B.2.1, B.2	51
UK5177	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-11	7	B.1.1.7	43
UK323	2 (28.57%)	0 (0%)	5 (71.43%)	0 (0%)	Mar-31, Apr-21	7	B.1	33
UK629	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-13	7	B.1	41
UK29	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-09, Apr-30	7	B.1.1	24
UK5261	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-01	7	B.1.1	23
UK510	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Apr-16	7	B.1.1	38
UK634	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-18	7	B.1.1	36
UK451	0 (0%)	6 (85.71%)	1 (14.29%)	0 (0%)	Mar-20, Apr-05	7	B.2.1	49
UK536	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Mar-27, Apr-09	7	B.1.1	45

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK1174	6 (85.71%)	0 (0%)	1 (14.29%)	0 (0%)	Apr-02, May-13	7	B.1.1	11
UK320	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-24, Apr-21	7	B.1, B.1.5	33
UK612	1 (14.29%)	6 (85.71%)	0 (0%)	0 (0%)	Mar-31, Apr-11	7	B.2.1	43
UK487	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-08	7	B.1.1	46
UK572	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-07, May-01	7	B.1.1	23
UK330	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-23, Apr-13	7	B.1.1	41
UK1006	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-29	7	B.1.1	25
UK217	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-18	7	B.1.1	6
UK206	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-22, Apr-19	7	B.2.1	35
UK762	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-11, Apr-30	7	B.1.1	24
UK439	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-02, Apr-20	7	B.1.1	34
UK390	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, May-01	7	B.1.5	23
UK5703	6 (85.71%)	1 (14.29%)	0 (0%)	0 (0%)	Mar-06, Apr-11	7	B.2	43
UK806	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, Apr-27	7	B.1.1.10	27
UK699	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-23, Apr-24	7	B.1.5	30
UK317	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-26, Apr-16	7	B.3	38
UK232	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-04, Mar-30	7	B.1.1	55
UK913	7 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-29	7	B.1	25
UK418	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-03, Apr-20	7	B.1.1.10	34
UK282	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Mar-23, Apr-22	7	B.1.1	32
UK434	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-20, May-03	7	B.1.5	21

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK563	4 (57.14%)	0 (0%)	3 (42.86%)	0 (0%)	Mar-20, May-12	7	B.1	12
UK554	0 (0%)	0 (0%)	7 (100.0%)	0 (0%)	Apr-23, May-05	7	B.1.5	19
UK801	0 (0%)	7 (100.0%)	0 (0%)	0 (0%)	Apr-05, May-02	7	B.1	22
UK247	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-04, May-15	6	B.1.1	9
UK157	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, May-16	6	B.1	8
UK5667	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Mar-27, Apr-08	6	B.2	46
UK857	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Mar-29	6	B.2.1	56
UK716	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-08	6	B.1.1	46
UK440	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, Apr-13	6	B.1.1.10	41
UK849	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-07	6	B.1.1	17
UK481	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-14	6	B.1.1	40
UK552	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-18, Mar-30	6	A.1	55
UK735	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-16	6	B.3	38
UK761	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Apr-12, Apr-28	6	B.1.1	26
UK870	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-18, Mar-25	6	B.1.5	60
UK680	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-14	6	B.1	40
UK1023	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-07, Apr-16	6	B.1.1	38
UK433	3 (50.0%)	0 (0%)	3 (50.0%)	0 (0%)	Mar-22, Apr-07	6	B	47
UK627	0 (0%)	6 (100.0%)	0 (0%)	0 (0%)	Mar-31, Apr-10	6	B.1	44
UK989	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Apr-19	6	B.1	35
UK313	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-14	6	B.1.1	40

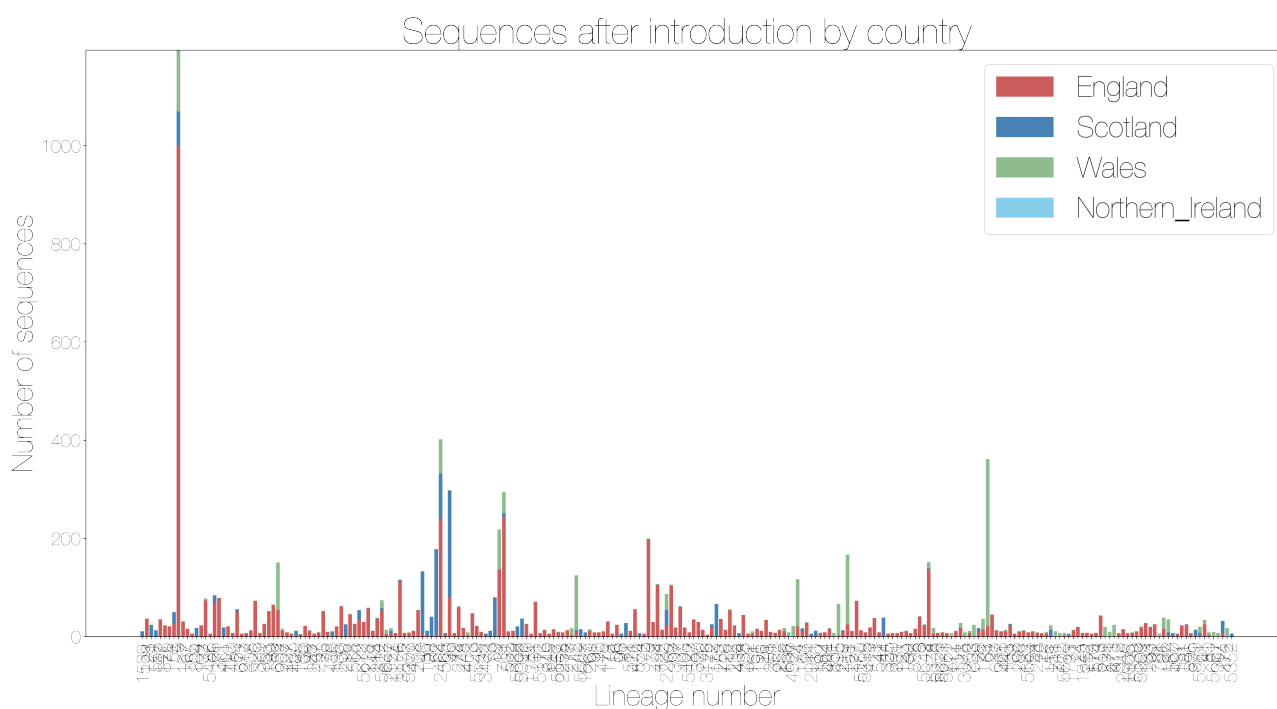
Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK799	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-01, Mar-07	6	B.1	78
UK654	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Feb-27, Mar-08	6	B.2.5	77
UK16	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-06	6	B.1.1	18
UK5486	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, May-20	6	B.1.1, B.2	4
UK325	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-10, May-01	6	B.1.1	23
UK372	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-16, May-05	6	B.1.1	19
UK1793	2 (33.33%)	1 (16.67%)	3 (50.0%)	0 (0%)	Mar-30, Apr-30	6	B.1.5	24
UK263	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-13	6	B.1.p11	41
UK673	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-28, May-18	6	B.1.1	6
UK497	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-27, Apr-27	6	A.2	27
UK3432	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Apr-07, May-10	6	B.1.1	14
UK93	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Mar-21, May-06	6	B.1.1	18
UK682	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B.2, B.2.1	55
UK2911	1 (16.67%)	0 (0%)	5 (83.33%)	0 (0%)	Mar-31, May-02	6	B.1.p11	22
UK489	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-23, Apr-07	6	B.2.1	47
UK5352	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-22, Apr-27	6	B.1.1.14	27
UK491	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-23, Apr-02	6	B.2.1	52
UK544	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-06	6	B.2.1	48
UK5570	5 (83.33%)	0 (0%)	1 (16.67%)	0 (0%)	Mar-05, Apr-17	6	B.2.2	37
UK110	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-24, Apr-29	6	B.1	25

Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK68	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-20, Apr-30	6	B.1.1	24
UK596	2 (33.33%)	0 (0%)	4 (66.67%)	0 (0%)	Mar-22, Apr-05	6	B	49
UK102	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-10, Apr-16	6	B.1	38
UK570	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-17	6	B.1.1	37
UK746	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-31, Apr-14	6	B.1.5	40
UK555	0 (0%)	0 (0%)	6 (100.0%)	0 (0%)	Apr-13, Apr-25	6	B.1.5	29
UK755	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-06, May-21	6	B.1.1	3
UK5581	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-11, Apr-08	6	B.2.2	46
UK27	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-08, Apr-26	6	B.1.1	28
UK181	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Apr-07, Apr-26	6	B.1.1	28
UK3126	4 (66.67%)	0 (0%)	0 (0%)	2 (33.33%)	Apr-06, May-04	6	B.1.1	20
UK270	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-09	6	B.3	45
UK302	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-25, May-03	6	B.1.1	21
UK280	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-15	6	B.1.1	39
UK5666	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-13, Apr-05	6	B.2	49
UK512	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-30, Apr-13	6	B.1.1	41
UK517	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-29, Apr-12	6	B.1.1	42
UK284	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-02, Apr-25	6	B.1.1	29
UK447	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-05, Apr-21	6	B.1.1	33
UK437	3 (50.0%)	3 (50.0%)	0 (0%)	0 (0%)	Mar-23, Apr-08	6	B.1	46
UK506	4 (66.67%)	0 (0%)	2 (33.33%)	0 (0%)	Mar-20, Apr-03	6	B.1.1	51
UK185	4 (66.67%)	0 (0%)	1 (16.67%)	1 (16.67%)	Mar-10, May-15	6	B.3	9

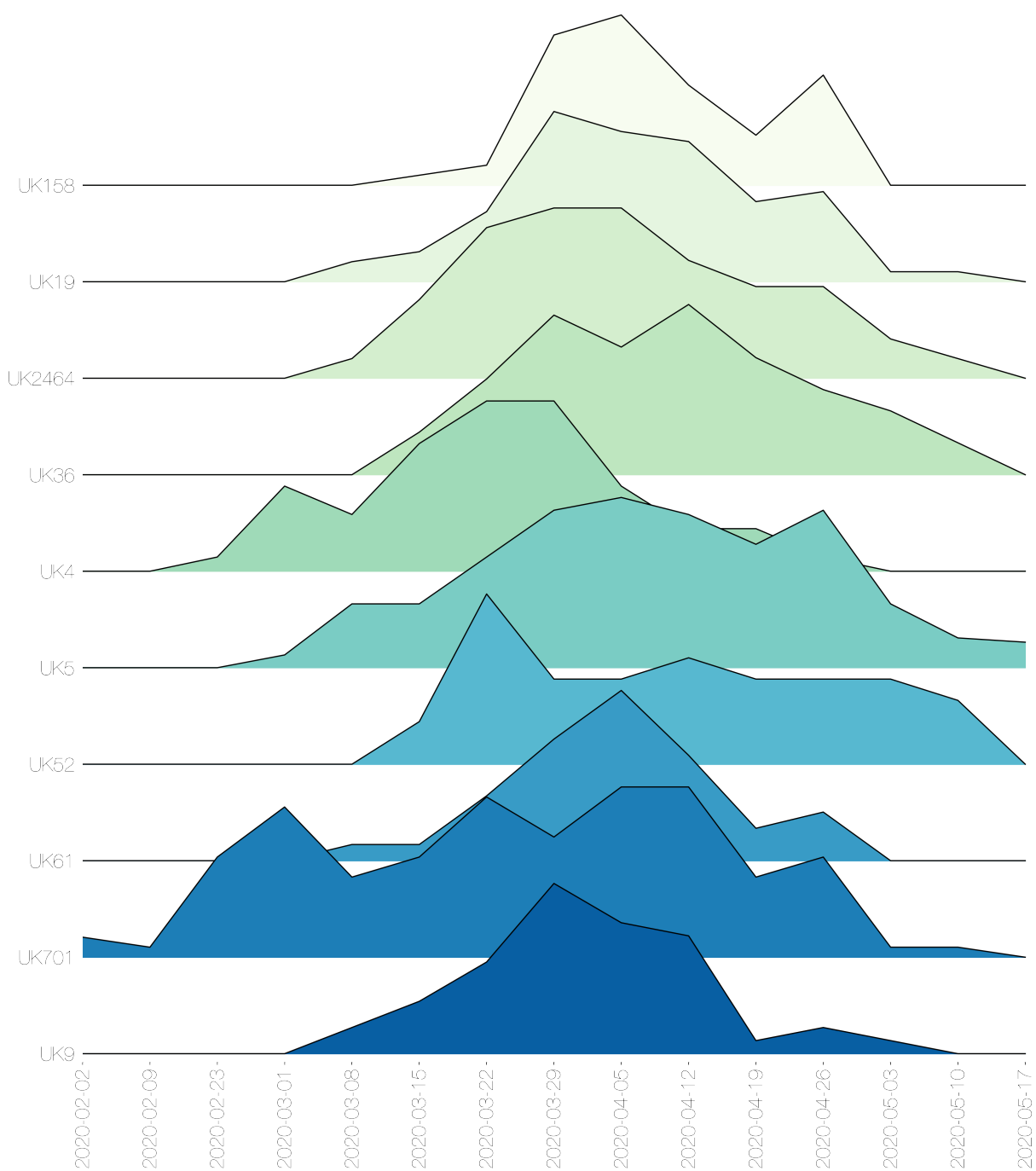
Lineage name	England	Wales	Scotland	Northern_Ireland	Date range	Total sequences	Global lineage	Time since last sample (days)
UK435	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-03, Apr-23	6	B.1.5	31
UK659	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Mar-21, Mar-30	6	B	55
UK542	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-01, Apr-14	6	B.1	40
UK706	3 (50.0%)	0 (0%)	0 (0%)	3 (50.0%)	Mar-26, Apr-11	6	B.1.1	43
UK464	4 (66.67%)	2 (33.33%)	0 (0%)	0 (0%)	Mar-25, Apr-19	6	B.1	35
UK1344	6 (100.0%)	0 (0%)	0 (0%)	0 (0%)	Apr-20, May-08	6	B	16

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.



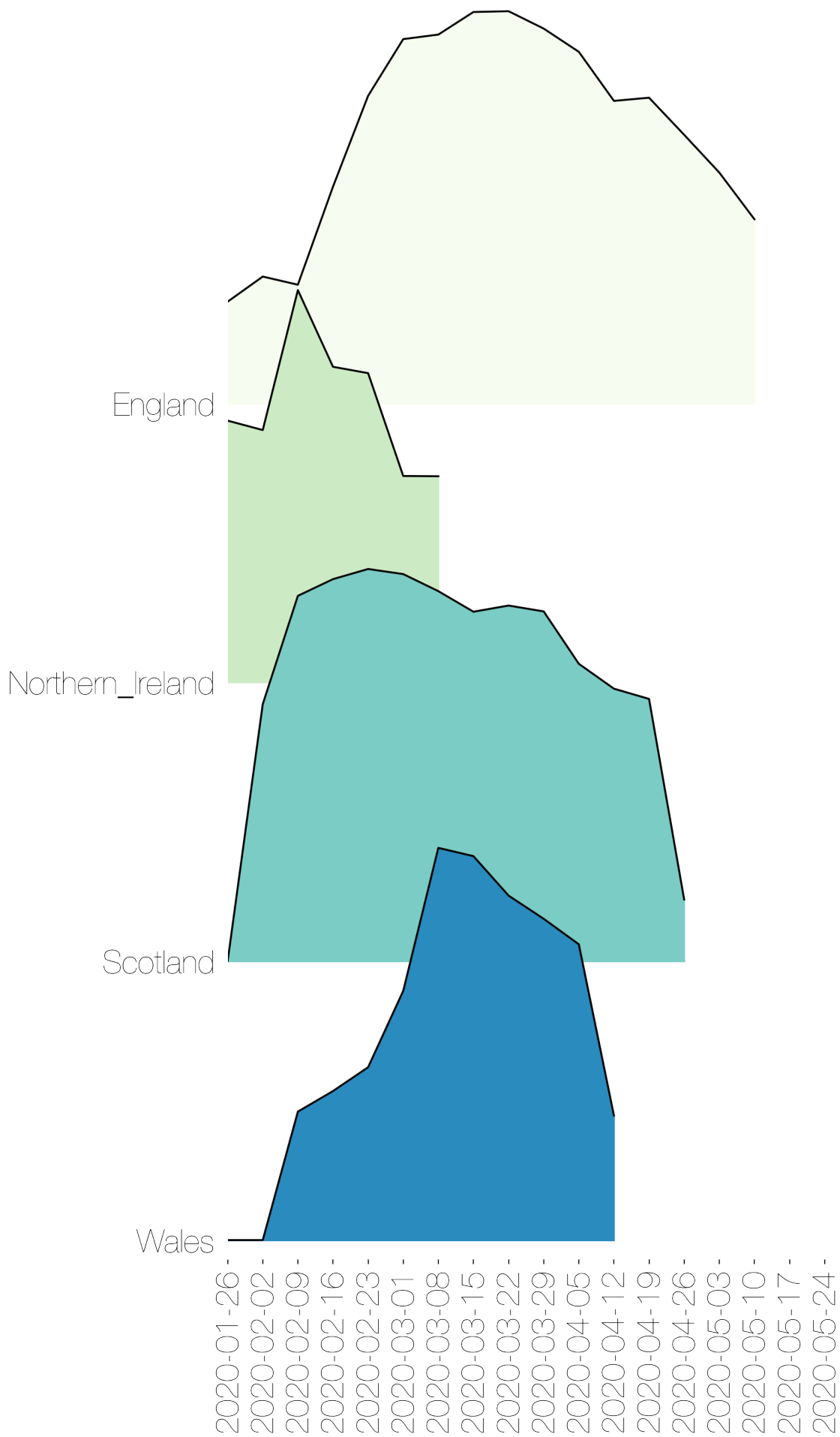
The relative growth and decline of the ten most sampled lineages in terms of number of counties they are present in is shown below. The raw data for the plot is shown below it, with each column representing a lineage, and the number of admin2 regions it is present in in each week.



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

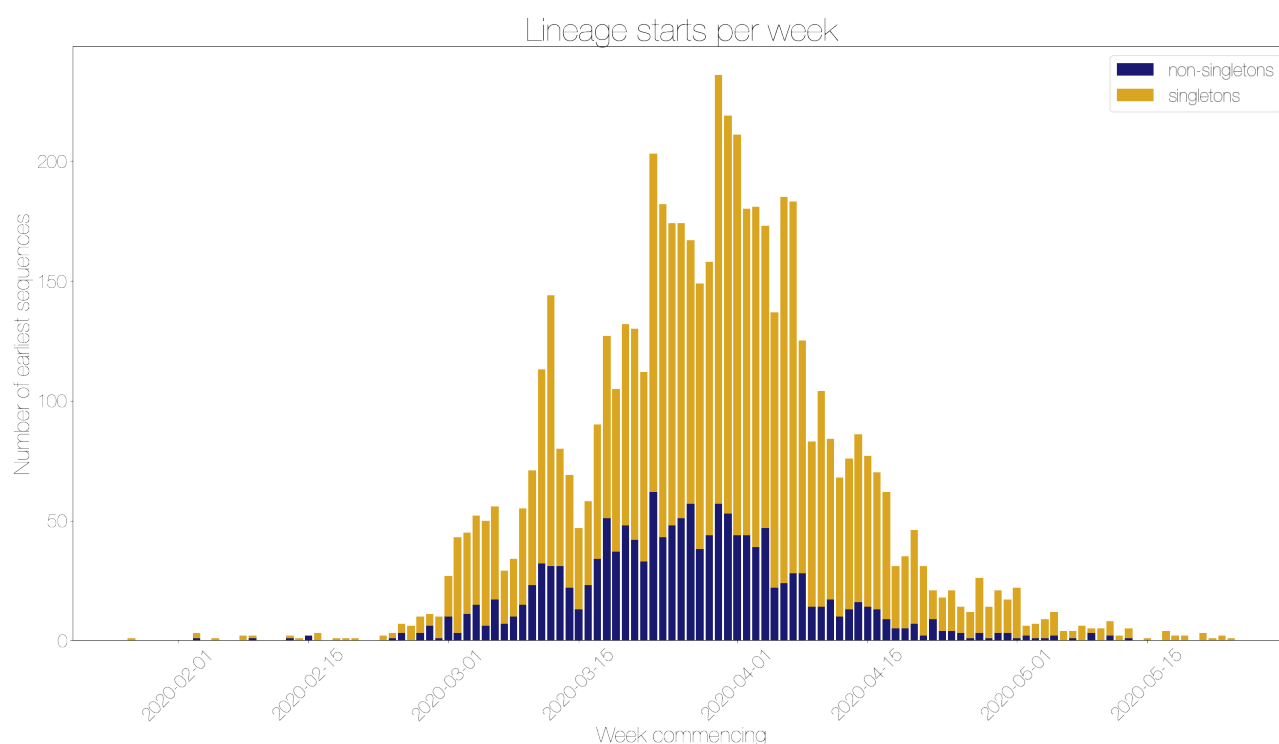
Week commencing	UK5	UK2464	UK61	UK701	UK36	UK19	UK9	UK52	UK158	UK4
2020-04-26	37	14	6	10	8	9	2	4	11	1
2020-05-03	15	6	0	1	6	1	1	4	0	0
2020-05-10	7	3	0	1	3	1	0	3	0	0
2020-05-17	6	0	0	0	0	0	0	0	0	0

The growth and decline of diversity of lineages over time for each country is shown in the ridge plot below. This is represented by the Shannon Diversity, calculated using the number of sequences from each country from each lineage.



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

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



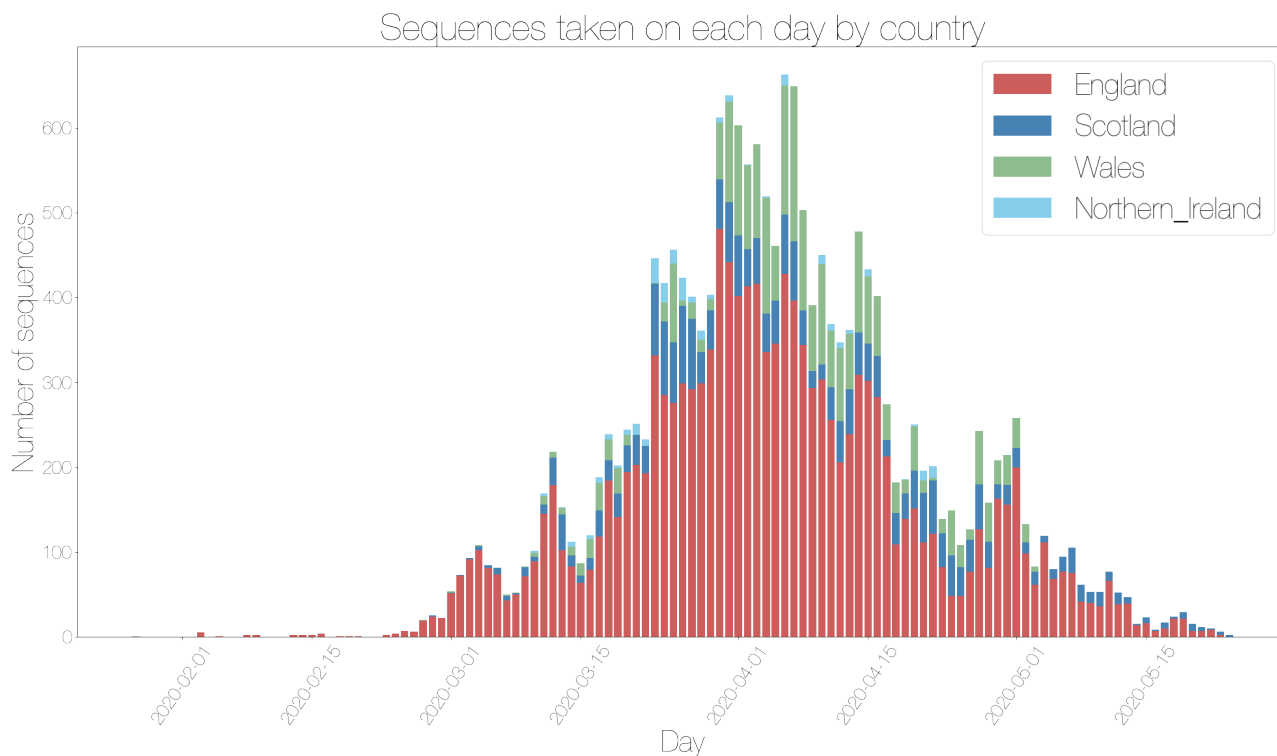
Day	Number of singleton starts	Number of non-singleton starts	Total
2020-01-27	1	0	1
2020-02-03	2	1	3
2020-02-05	1	0	1

Day	Number of singleton starts	Number of non-singleton starts	Total
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
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

Day	Number of singleton starts	Number of non-singleton starts	Total
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
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

Day	Number of singleton starts	Number of non-singleton starts	Total
2020-05-24	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.

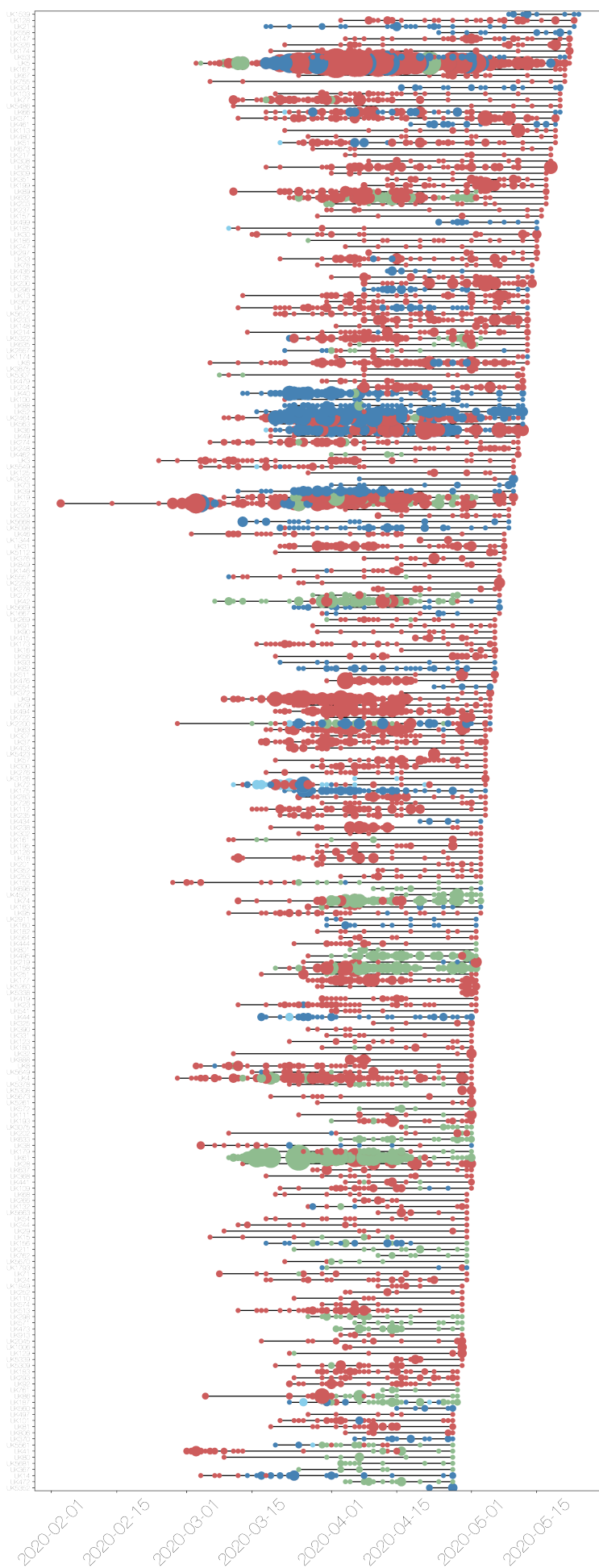


Day	England	Scotland	Wales	Northern Ireland
2020-01-27	0	0	1	0
2020-02-03	5	0	0	0
2020-02-05	1	0	0	0
2020-02-08	2	0	0	0
2020-02-09	2	0	0	0
2020-02-13	2	0	0	0
2020-02-14	2	0	0	0
2020-02-15	2	0	0	0
2020-02-16	4	0	0	0
2020-02-18	1	0	0	0
2020-02-19	1	0	0	0
2020-02-20	1	0	0	0
2020-02-23	2	0	0	0
2020-02-24	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

Day	England	Scotland	Wales	Northern Ireland
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
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

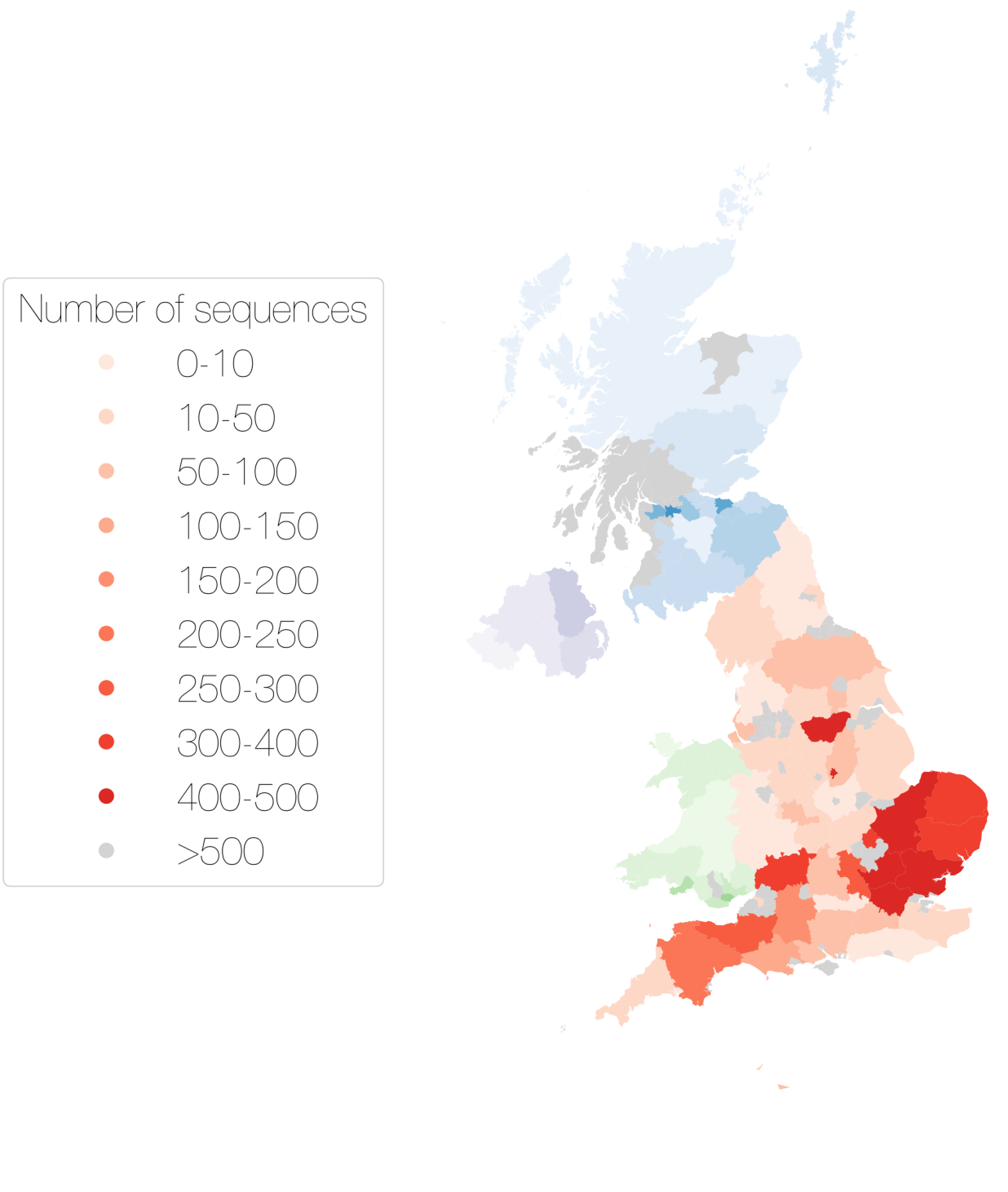
Day	England	Scotland	Wales	Northern Ireland
2020-04-21	111	59	14	12
2020-04-22	121	63	3	14
2020-04-23	82	40	17	0
2020-04-24	48	48	53	0
2020-04-25	48	34	26	0
2020-04-26	77	37	13	0
2020-04-27	127	53	63	0
2020-04-28	81	31	46	0
2020-04-29	163	17	28	0
2020-04-30	156	23	35	0
2020-05-01	200	23	35	0
2020-05-02	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
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

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.



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.

COVID-19 sequences from each Admin2 region UK



Admin2	Country	Number of sequences	Sequence group
ABERDEEN	Scotland	22	10-50

Admin2	Country	Number of sequences	Sequence group
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
EILEAN SIAR	Scotland	2	1-10
ESSEX	England	1189	>500
FALKIRK	Scotland	92	50-100

Admin2	Country	Number of sequences	Sequence group
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
NOTTINGHAM	England	559	>500
NOTTINGHAMSHIRE	England	58	50-100
OLDHAM	England	0	0

Admin2	Country	Number of sequences	Sequence group
ORKNEY ISLANDS	Scotland	1	1-10
OXFORDSHIRE	England	97	50-100
PEMBROKESHIRE	Wales	62	50-100
PERTSHIRE 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 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
WEST DUNBARTONSHIRE	Scotland	0	0
WEST Lothian	Scotland	92	50-100
WEST MIDLANDS	England	89	50-100

Admin2	Country	Number of sequences	Sequence group
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

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.

