Table S4: Statistics and dates related to clade divergence and oldest and most recent sequences detected

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Clade | Divergence timea | Oldest strain | Oldest strain (decimal)b | Newest strain | Newest strain (decimal) | Years until detectionc | Years in circulationd |
| N1.C | 1929.8 | 1930 | NA | 2/17/16 | 2016.1 | NA | 86.3 |
| N1.C.1 | 1983.7 | 1987 | NA | 2/22/17 | 2017.1 | 3.30 | 33.4 |
| N1.C.1.1 | NA | 1999 | NA | 11/12/19 | 2019.9 | NA | >=19.9 |
| N1.C.1.2 | 1990.7 | 2000 | NA | 6/4/18 | 2018.5 | 9.30 | 27.8 |
| N1.C.2 | 2000.0 | 2/19/04 | 2004.13 | 1/9/20 | 2020.0 | 4.13 | 20.0 |
| N1.C.2.1 | 2006.0 | 4/25/07 | 2007.32 | 7/29/20 | 2020.6 | 1.32 | 14.6 |
| N1.C.3 | 2000.0 | 5/16/02 | 2002.37 | 12/31/19 | 2020.0 | 2.37 | 20.0 |
| N1.C.3.1 | 2012.0 | 7/27/12 | 2012.57 | 8/27/20 | 2020.7 | 0.57 | 8.7 |
| N1.C.3.2 | 2012.3 | 8/27/13 | 2013.65 | 9/3/20 | 2020.7 | 1.35 | 8.4 |
| N1.H | NA | 2005 | NA | 7/20/09 | 2009.6 | NA | 3.6 |
| N1.A | NA | 2002 | NA | 2002 | NA | NA | NA |
| N1.E | NA | 1/8/13 | 2013.02 | 1/8/13 | 2013.0 | NA | NA |
| N1.E.1 | NA | 3/25/10 | 2010.23 | 9/30/15 | 2015.8 | NA | >=5.5 |
| N1.P | NA | May-09 | 2009.37 | 8/21/20 | 2020.6 | NA | >=11.3 |

adetermined by BEAST-derived MCC tree except for N1.C where it is derived from the age statistic in a BEAST log file

bAll decimal calculations are not performed when month is missing and when year and month only are present the day is assumed to be the 15th

cYears until detection is minimized when the month is not known for the oldest sequence

dYears in circulation is calculated based on divergence time when available. When unavailable earliest sequence is used and the “>=” signifier is used. Whenever only year is available for the earliest sequence the end of the year is used.