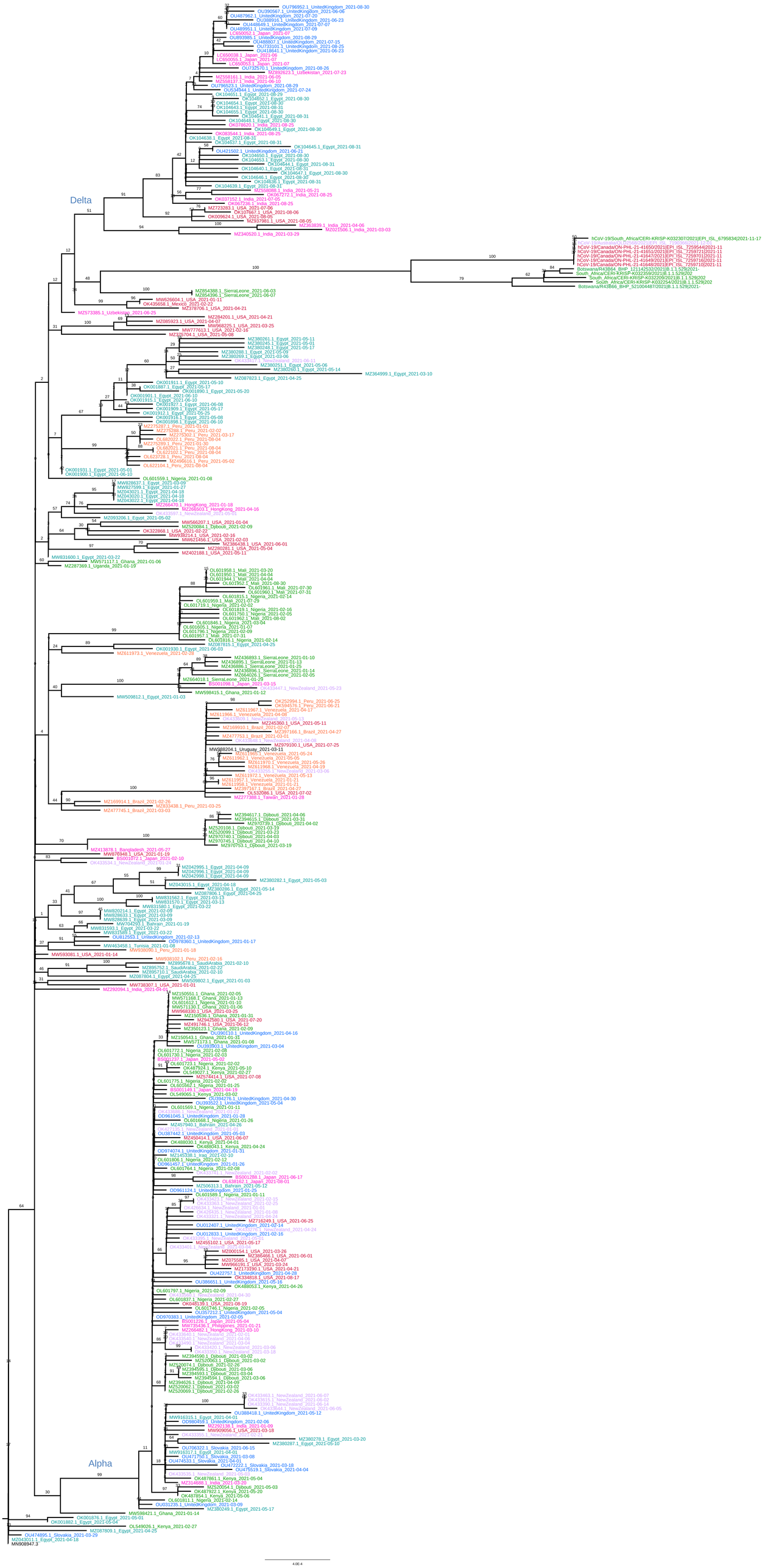
Delta
Alpha
OU796952.1_UnitedKingdom_2021-08-30
OU390567.1_UnitedKingdom_2021-06-06
OU487962.1_UnitedKingdom_2021-07-20
OU388916.1_UnitedKingdom_2021-06-23
OU448649.1_UnitedKingdom_2021-07-07
OU489951.1_UnitedKingdom_2021-07-09
LC650052.1_Japan_2021-07
OU893985.1_UnitedKingdom_2021-08-29
OU488807.1_UnitedKingdom_2021-07-15
OU733101.1_UnitedKingdom_2021-08-25
OU418641.1_UnitedKingdom_2021-06-23
LC650038.1_Japan_2021-06
LC650055.1_Japan_2021-07
LC650053.1_Japan_2021-07
OU732570.1_UnitedKingdom_2021-08-26
MZ892628.1_Uzbekistan_2021-07-23
MZ558181.1_India_2021-06-05
MZ558137.1_India_2021-06-10
OU796523.1_UnitedKingdom_2021-08-29
OU534544.1_UnitedKingdom_2021-07-24
OK104651.1_Egypt_2021-08-29
OK104652.1_Egypt_2021-08-30
OK104654.1_Egypt_2021-08-30
OK104643.1_Egypt_2021-08-31
OK104655.1_Egypt_2021-08-30
OK104641.1_Egypt_2021-08-31
OK104648.1_Egypt_2021-08-30
OK078520.1_India_2021-08-25
OK104649.1_Egypt_2021-08-30
OK083544.1_India_2021-08-25
OK104638.1_Egypt_2021-08-31
OK104637.1_Egypt_2021-08-31
OK104645.1_Egypt_2021-08-31
OU421502.1_UnitedKingdom_2021-06-21
OK104650.1_Egypt_2021-08-30
OK104653.1_Egypt_2021-08-30
OK104644.1_Egypt_2021-08-31
OK104640.1_Egypt_2021-08-31
OK104647.1_Egypt_2021-08-30
OK104646.1_Egypt_2021-08-30
OK104636.1_Egypt_2021-08-31
OK104639.1_Egypt_2021-08-31
MZ580088.1_India_2021-05-21
OK037152.1_India_2021-07-05
OK067236.1_India_2021-08-25
OK067272.1_India_2021-08-25
MZ723283.1_USA_2021-07-06
OK107667.1_USA_2021-08-06
OK009624.1_USA_2021-08-05
MZ937981.1_USA_2021-08-05
MZ363839.1_India_2021-04-06
MZ021506.1_India_2021-03-03
MZ340520.1_India_2021-03-29
hCoV-19/South_Africa/CERI-KRISP-K032307/2021|EPI_ISL_6795834|2021-11-17
hCoV-19/Canada/ON-PHL-21-41650/2021|EPI_ISL_7259544|2021-11
hCoV-19/Canada/ON-PHL-21-41661/2021|EPI_ISL_7259721|2021-11
hCoV-19/Canada/ON-PHL-21-41647/2021|EPI_ISL_7259701|2021-11
hCoV-19/Canada/ON-PHL-21-41649/2021|EPI_ISL_7259716|2021-11
hCoV-19/Canada/ON-PHL-21-41648/2021|EPI_ISL_7259710|2021-11
Botswana/R43864_BHP_1211425372/2021|B.1.1.529|2021-
South_Africa/CERI-KRISP-K032359/2021|B.1.1.529|202
South_Africa/CERI-KRISP-K032209/2021|B.1.1.529|202
South_Africa/CERI-KRISP-K032254/2021|B.1.1.529|202
Botswana/R43866_BHP_5210044877/2021|B.1.1.529|2021-
MZ854388.1_SierraLeone_2021-06-03
MZ854396.1_SierraLeone_2021-06-07
MW626604.1_USA_2021-01-11
OK436658.1_Mexico_2021-02-22
MZ378706.1_USA_2021-04-21
MZ573385.1_Uzbekistan_2021-06-25
MZ284201.1_USA_2021-04-21
MZ085923.1_USA_2021-04-07
MW968225.1_USA_2021-03-25
MW777613.1_USA_2021-03-18
MZ355704.1_USA_2021-05-08
MZ380261.1_Egypt_2021-05-11
MZ380245.1_Egypt_2021-05-01
MZ380248.1_Egypt_2021-05-17
MZ380288.1_Egypt_2021-05-09
MZ380269.1_Egypt_2021-03-06
OK432514.1_NewZealand_2021-06-11
MZ380250.1_Egypt_2021-05-06
MZ380260.1_Egypt_2021-05-14
MZ364999.1_Egypt_2021-03-10
MZ087823.1_Egypt_2021-04-25
OK001911.1_Egypt_2021-05-10
OK001887.1_Egypt_2021-05-17
OK001890.1_Egypt_2021-05-20
OK001901.1_Egypt_2021-06-10
OK001915.1_Egypt_2021-06-10
OK001827.1_Egypt_2021-06-08
OK001909.1_Egypt_2021-05-17
OK001910.1_Egypt_2021-05-21
OK001918.1_Egypt_2021-05-08
OK001898.1_Egypt_2021-06-10
MZ752871.1_Peru_2021-01-01
MZ275288.1_Peru_2021-02-02
MZ275302.1_Peru_2021-03-17
OL682022.1_Peru_2021-08-04
MZ275289.1_Peru_2021-01-30
OL682021.1_Peru_2021-08-04
OL622102.1_Peru_2021-08-04
OL623738.1_Peru_2021-08-04
MZ496616.1_Peru_2021-05-02
OL622104.1_Peru_2021-08-04
OK001931.1_Egypt_2021-05-01
OK001930.1_Egypt_2021-06-10
OL601559.1_Nigeria_2021-01-08
MW828637.1_Egypt_2021-03-09
MW827599.1_Egypt_2021-01-27
MZ043021.1_Egypt_2021-04-18
MZ043020.1_Egypt_2021-04-18
MZ043022.1_Egypt_2021-04-18
MZ664470.1_HongKong_2021-01-18
MZ668503.1_HongKong_2021-04-16
OK432597.1_NewZealand_2021-05-01
MZ093206.1_Egypt_2021-05-02
MW566207.1_USA_2021-01-04
MZ520084.1_Djibouti_2021-02-09
OK322868.1_USA_2021-02-22
MW838214.1_USA_2021-02-16
MW621256.1_USA_2021-02-03
MZ386438.1_USA_2021-06-01
MZ280281.1_USA_2021-05-04
MZ402188.1_USA_2021-05-11
MW831600.1_Egypt_2021-03-22
MW571117.1_Ghana_2021-01-06
MZ287369.1_Uganda_2021-01-19
OL601958.1_Mali_2021-03-20
OL601950.1_Mali_2021-04-04
OL601944.1_Mali_2021-04-04
OL601952.1_Mali_2021-08-30
OL601961.1_Mali_2021-07-30
OL601960.1_Mali_2021-07-31
OL601815.1_Nigeria_2021-02-14
OL601959.1_Mali_2021-07-29
OL601719.1_Nigeria_2021-02-02
OL601819.1_Nigeria_2021-02-16
OL601750.1_Nigeria_2021-02-05
OL601862.1_Mali_2021-08-02
OL601846.1_Nigeria_2021-03-04
OL601805.1_Nigeria_2021-01-07
OL601796.1_Nigeria_2021-02-09
OL601957.1_Mali_2021-07-31
OL601816.1_Nigeria_2021-02-14
MZ087815.1_Egypt_2021-04-25
OK001930.1_Egypt_2021-06-03
MZ611973.1_Venezuela_2021-02-28
MZ436893.1_SierraLeone_2021-01-10
MZ436895.1_SierraLeone_2021-01-13
MZ436886.1_SierraLeone_2021-01-25
MZ438896.1_SierraLeone_2021-01-14
MZ664026.1_SierraLeone_2021-02-05
MZ664018.1_SierraLeone_2021-01-29
BS001098.1_Japan_2021-03-15
OK432447.1_NewZealand_2021-05-23
MW598415.1_Ghana_2021-01-12
MW509812.1_Egypt_2021-01-03
OK252994.1_Peru_2021-06-25
OK594576.1_Peru_2021-06-21
MZ611967.1_Venezuela_2021-04-17
MZ611966.1_Venezuela_2021-04-08
OK433591.1_NewZealand_2021-05-12
MZ245360.1_USA_2021-05-11
MZ169910.1_Brazil_2021-02-07
MZ397166.1_Brazil_2021-04-27
MZ477753.1_Brazil_2021-03-01
OK433649.1_NewZealand_2021-04-08
MZ979100.1_USA_2021-07-25
MW988204.1_Uruguay_2021-03-11
MZ611965.1_Venezuela_2021-05-24
MZ611962.1_Venezuela_2021-05-05
MZ611970.1_Venezuela_2021-05-26
MZ611968.1_Venezuela_2021-04-19
OK433576.1_NewZealand_2021-03-06
MZ611972.1_Venezuela_2021-05-13
MZ611969.1_Venezuela_2021-01-21
MZ611964.1_Venezuela_2021-01-21
MZ397167.1_Brazil_2021-04-27
OL532086.1_USA_2021-07-02
MZ277388.1_Taiwan_2021-01-28
MZ169914.1_Brazil_2021-02-26
MZ835438.1_Peru_2021-03-25
MZ477745.1_Brazil_2021-03-03
MZ394617.1_Djibouti_2021-04-06
MZ394615.1_Djibouti_2021-03-31
MZ970739.1_Djibouti_2021-04-02
MZ520108.1_Djibouti_2021-03-19
MZ520099.1_Djibouti_2021-03-23
MZ970740.1_Djibouti_2021-04-03
MZ970745.1_Djibouti_2021-04-10
MZ970753.1_Djibouti_2021-03-19
MZ413878.1_Bangladesh_2021-05-27
MW876948.1_USA_2021-01-19
BS001072.1_Japan_2021-02-10
OK433534.1_NewZealand_2021-01-24
MZ042995.1_Egypt_2021-04-09
MZ042996.1_Egypt_2021-04-09
MZ042998.1_Egypt_2021-04-09
MZ380282.1_Egypt_2021-05-03
MZ043015.1_Egypt_2021-04-18
MZ380286.1_Egypt_2021-05-14
MZ087806.1_Egypt_2021-04-25
MW831562.1_Egypt_2021-03-13
MW831570.1_Egypt_2021-03-13
MW831580.1_Egypt_2021-03-22
MW820214.1_Egypt_2021-02-09
MW828633.1_Egypt_2021-03-09
MW828639.1_Egypt_2021-03-09
MW704293.1_Bahrain_2021-01-19
MW831593.1_Egypt_2021-03-22
MW831589.1_Egypt_2021-03-22
OU812553.1_UnitedKingdom_2021-02-13
OD978360.1_UnitedKingdom_2021-01-17
MW463458.1_Tunisia_2021-01-08
MW938090.1_Peru_2021-01-18
MW593081.1_USA_2021-01-14
MW938102.1_Peru_2021-02-16
MZ395678.1_SaudiArabia_2021-02-10
MZ895752.1_SaudiArabia_2021-02-22
MZ895710.1_SaudiArabia_2021-02-10
MZ087804.1_Egypt_2021-04-25
MW509802.1_Egypt_2021-01-03
MW738307.1_USA_2021-01-01
MZ292094.1_India_2021-04-01
MZ150551.1_Ghana_2021-02-05
MW571168.1_Ghana_2021-01-13
OL601612.1_Nigeria_2021-01-10
MW571130.1_Ghana_2021-01-06
MW968330.1_USA_2021-03-25
MZ150536.1_Ghana_2021-01-31
MZ942580.1_USA_2021-07-20
MZ491746.1_USA_2021-06-12
MZ350123.1_Ghana_2021-02-09
OU390110.1_UnitedKingdom_2021-04-16
MZ150543.1_Ghana_2021-01-31
MW571173.1_Ghana_2021-01-08
OU393903.1_UnitedKingdom_2021-03-04
OL601772.1_Nigeria_2021-02-08
OL601730.1_Nigeria_2021-02-03
BS001237.1_Japan_2021-05-02
OL601723.1_Nigeria_2021-02-02
OK487924.1_Kenya_2021-05-10
OL549027.1_Kenya_2021-02-27
MZ574414.1_USA_2021-07-08
OL601775.1_Nigeria_2021-02-02
OL601662.1_Nigeria_2021-01-25
BS001149.1_Japan_2021-04-19
OL549065.1_Kenya_2021-03-02
OU394276.1_UnitedKingdom_2021-04-30
OU393522.1_UnitedKingdom_2021-05-04
OL601569.1_Nigeria_2021-01-11
OK433386.1_NewZealand_2021-01-21
OD961045.1_UnitedKingdom_2021-01-28
OL601668.1_Nigeria_2021-01-26
MZ457940.1_Bahrain_2021-04-26
OK432577.1_NewZealand_2021-04-24
OU387442.1_UnitedKingdom_2021-05-03
MZ450414.1_USA_2021-06-07
OK488030.1_Kenya_2021-04-01
OK488043.1_Kenya_2021-04-24
OD974074.1_UnitedKingdom_2021-01-31
MZ145338.1_Iraq_2021-02-10
OL601806.1_Nigeria_2021-02-12
OD961457.1_UnitedKingdom_2021-01-26
OL601764.1_Nigeria_2021-02-08
OK433291.1_NewZealand_2021-02-02
BS001288.1_Japan_2021-06-17
OL636162.1_Japan_2021-08-01
MZ506313.1_Bahrain_2021-05-12
OD961124.1_UnitedKingdom_2021-01-25
OL601589.1_Nigeria_2021-01-11
OK433441.1_NewZealand_2021-02-15
OK433363.1_NewZealand_2021-02-25
OK426634.1_NewZealand_2021-01-01
OK426435.1_NewZealand_2021-01-08
OK433321.1_NewZealand_2021-04-24
MZ716249.1_USA_2021-06-25
OU012407.1_UnitedKingdom_2021-02-14
OK432762.1_NewZealand_2021-04-24
OU012833.1_UnitedKingdom_2021-02-16
OK433365.1_NewZealand_2021-02-25
MZ455102.1_USA_2021-05-17
OK433401.1_NewZealand_2021-02-25
MZ000154.1_USA_2021-03-26
MZ385466.1_USA_2021-06-01
MZ075585.1_USA_2021-04-07
MW966191.1_USA_2021-03-24
MZ173190.1_USA_2021-04-21
OU422757.1_UnitedKingdom_2021-04-28
OK334818.1_USA_2021-08-17
OU386651.1_UnitedKingdom_2021-05-16
OK488053.1_Kenya_2021-04-26
OL601797.1_Nigeria_2021-02-09
OK432504.1_NewZealand_2021-04-30
OL601837.1_Nigeria_2021-02-27
OK048139.1_USA_2021-09-19
OL601746.1_Nigeria_2021-02-05
OU357212.1_UnitedKingdom_2021-05-04
OD970383.1_UnitedKingdom_2021-02-09
BS001226.1_Japan_2021-05-04
MW755436.1_Philippines_2021-01-21
MZ664482.1_HongKong_2021-03-10
OK433940.1_NewZealand_2021-04-04
OK433540.1_NewZealand_2021-04-06
OK433490.1_NewZealand_2021-03-04
OK433420.1_NewZealand_2021-03-06
OK433360.1_NewZealand_2021-03-18
MZ394590.1_Djibouti_2021-03-02
MZ520063.1_Djibouti_2021-03-02
MZ520074.1_Djibouti_2021-02-26
MZ394595.1_Djibouti_2021-03-06
MZ394593.1_Djibouti_2021-03-04
MZ394584.1_Djibouti_2021-03-06
MZ394626.1_Djibouti_2021-04-09
MZ520062.1_Djibouti_2021-03-02
MZ520069.1_Djibouti_2021-02-26
OK433463.1_NewZealand_2021-06-07
OK433615.1_NewZealand_2021-06-02
OK433390.1_NewZealand_2021-06-14
OK433618.1_NewZealand_2021-06-05
OU388418.1_UnitedKingdom_2021-05-12
MW916315.1_Egypt_2021-04-01
OD980658.1_UnitedKingdom_2021-02-06
MZ292138.1_India_2021-01-09
MW909056.1_USA_2021-03-18
OK433355.1_NewZealand_2021-02-11
MZ380278.1_Egypt_2021-03-20
MZ380287.1_Egypt_2021-05-10
OU706322.1_Slovakia_2021-06-15
MW916317.1_Egypt_2021-04-01
OU471750.1_Slovakia_2021-03-08
OU474533.1_Slovakia_2021-04-01
OU472222.1_Slovakia_2021-03-18
OU475519.1_Slovakia_2021-04-04
OK433535.1_NewZealand_2021-02-11
OK487861.1_Kenya_2021-05-04
MZ314688.1_India_2021-05-28
MZ520054.1_Djibouti_2021-05-03
OK487922.1_Kenya_2021-05-20
OK487854.1_Kenya_2021-05-06
OL601811.1_Nigeria_2021-02-14
OU031235.1_UnitedKingdom_2021-03-09
MZ380249.1_Egypt_2021-05-17
MW598421.1_Ghana_2021-01-14
OK001876.1_Egypt_2021-05-01
OK001882.1_Egypt_2021-05-04
OL549026.1_Kenya_2021-02-27
MZ087809.1_Egypt_2021-04-25
OU474895.1_Slovakia_2021-03-29
MZ043011.1_Egypt_2021-04-18
MN908947.3
4.0E-4