|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accession number** | **Strain/isolate** | **Location** | **Year of isolation** | **Host** | **Passage details** | **Genome length (nt)** | **5’ UTR length (nt)** | **3’ UTR length (nt)** |
| KU527068.1\*[[1](#_ENREF_1)] | Natal RGN | Brazil: Rio Grande do Norte, Natal | 2015 | *Homo sapiens* (foetus brain autopsy) | - | 10808 | 107 | 429 |
| LC002520.1 | MR766-NIID | Uganda | 1947 | Sentinel monkey | - | 10807 | 106 | 429 |
| KU955593.1\*[[2](#_ENREF_2)] | Zika virus/H.sapiens-tc/KHM/2010/FSS13025 | Cambodia | 2010 | *Homo sapiens* | Vero (x1) | 10807 | 107 | 428 |
| KU681082.3\*[[3](#_ENREF_3)] | Zika virus/H.sapiens-tc/PHL/2012/CPC-0740 | Philippines | 2012 | *Homo sapiens* | *Toxorhynchites splendens* mosquito (x1) followed by C6/36 (x1) | 10807 | 107 | 428 |
| KU681081.3\*[[3](#_ENREF_3)] | Zika virus/H.sapiens-tc/THA/2014/SV0127- 14 | Thailand | 2014 | *Homo sapiens* | *Toxorhynchites splendens* mosquito (x1) followed by C6/36 (x1) | 10807 | 107 | 428 |
| KX197192.1\* | ZIKV/H.sapiens/Brazil/PE243/2015 | Brazil | 2015 | *Homo sapiens* | Vero (x5) | 10807 | 107 | 428 |
| KX051563.1\* | Haiti/1/2016 | USA | 2016 | *Homo sapiens* (saliva and urine) | LLC-MK2 cells (x1) | 10807 | 107 | 428 |
| KU509998.3\*\* [[4](#_ENREF_4)] | Haiti/1225/2014 | Haiti | 2014 | *Homo sapiens* | - | 10807 | 106 | 429 |
| KU955595 [[2](#_ENREF_2)] | Zika virus/A.taylori-tc/SEN/1984/41671-DAK | Senegal | 1984 | *Aedes taylori* | AP61 cells (x1), C6/36 (x1), Vero (x3) | 10806 | 106 | 428 |
| KU955592.1 [[2](#_ENREF_2)] | Zika virus/A.taylori-tc/SEN/1984/41662-DAK | Senegal | 1984 | *Aedes taylori* | AP61 cells (x1), C6/36 (x1), Vero (x3) | 10806 | 106 | 428 |
| KU955591.1 [[2](#_ENREF_2)] | Zika virus/A.africanus-tc/SEN/1984/41525-DAK | Senegal | 1984 | *Aedes africanus* | AP61 cells (x1), C6/36 (x1), Vero (x3) | 10806 | 106 | 428 |
| KU926310.1\* | Rio-S1 | Brazil | 2016 | *Homo sapiens* (saliva) | Vero | 10805 | 106 | 426 |
| KU820899.2\* | ZJ03 | China | 2016 | *Homo sapiens* | - | 10805 | 104 | 429 |
| KU820897.2\*\* | ZIKV\_FLR | Colombia | 2015 | *Homo sapiens* | C6/36 (x1) | 10800 | 107 | 421 |
| KU870645.1\* [[5](#_ENREF_5)] | FB-GWUH-2016 | Guatemala (putative country of infection) – fetal brain | 2016 | *Homo sapiens* (foetal brain) | SK-N-SH | 10798 | 99 | 427 |
| KU955594 .1 [[2](#_ENREF_2)] | Zika virus/M.mulatta-tc/UGA/1947/MR-766 | Uganda | 1947 | *Macaca mulatta* | Suckling mouse (x150), Vero (x2) | 10795 | 106 | 429 |
| KU926309.1\* | Rio-U1 | Brazil | 2016 | *Homo sapiens* (urine) | Vero | 10795 | 99 | 422 |
| NC\_012532 [[6](#_ENREF_6)] | MR766 | Uganda | 1947 | *Macaca mulatta* | - | 10794 | 106 | 398 |
| AY632535 [[7](#_ENREF_7)] | MR766 | Uganda | 1947 | *Sentinel monkey* | - | 10794 | 106 | 428 |
| KU497555.1\* [[8](#_ENREF_8)] | Brazil-ZKV2015 | Brazil | 2015 | *Homo sapiens (amniotic fluid)* | - | 10793 | 100 | 421 |
| KF268948.1 [[9](#_ENREF_9)] | ARB13565 | Central African Republic | 1979 | *Aedes africanus* | - | 10788 | 107 | 413 |
| KF268949.1 [[9](#_ENREF_9)] | ARB15076 | Central African Republic | 1980 | *Aedes opok* | - | 10776 | 105 | 417 |
| KU720415.1 | MR766 | Uganda | 1947 | - | Vero (x3) | 10766 | 99 | 395 |
| KX087101.2 | ZIKV/Homo sapiens/PRI/PRVABC59/2015 | Peurto Rico | 2015 | *Homo sapiens* | Vero (x5) | 10764 | 73 | 420 |
| KF268950.1 [[9](#_ENREF_9)] | ARB7701 | Central African Republic | 1976 | *Aedes africanus* | - | 10755 | 106 | 380 |
| KU729218.1\* [[10](#_ENREF_10)] | BeH828305 | Brazil | 2015 | *Homo sapiens* | - | 10729 | 94 | 364 |
| KU365778.1\* [[10](#_ENREF_10)] | BeH819015 | Brazil | 2015 | *Homo sapiens* | - | 10727 | 94 | 361 |
| KU963573.1 | Zika virus/M.mulatta-tc/UGA/MR-766\_SM150-V8/1947 | Uganda | 1947 | *Macaca mulatta* | Suckling mouse (x150), Vero (x8) | 10710 | 141 | 209 |
| KU963796.1\* [[11](#_ENREF_11)] | SZ-WIV01 | China (imported from Somoa) | 2016 | *Homo sapiens* | - | 10709 | 58 | 379 |
| KU321639.1\* [[12](#_ENREF_12)] | ZikaSPH2015 | Brazil | 2015 | *Homo sapiens* | - | 10676 | 105 | 299 |
| KU744693.1\* [[13](#_ENREF_13)] | VE\_Ganxian | China (Jiangxi), imported from Venezuela | 2016 | *Homo sapiens* | - | 10676 | 105 | 299 |
| KU501215.1\* [[14](#_ENREF_14)] | PRVABC59 | Peurto Rico | 2015 | *Homo sapiens* | - | 10675 | 106 | 297 |
| KU365780.1\* [[10](#_ENREF_10)] | BeH815744 | Brazil | 2015 | *Homo sapiens* | - | 10662 | 93 | 297 |
| KU365779.1\* [[10](#_ENREF_10)] | BeH819966 | Brazil | 2015 | *Homo sapiens* | - | 10662 | 93 | 297 |
| KU365777.1\* [[10](#_ENREF_10)] | BeH818995 | Brazil | 2015 | *Homo sapiens* | - | 10662 | 94 | 297 |
| KX087102.1 | ZIKV/Homo sapiens/COL/FLR/2015 | Colombia: Barranquilla | 2015 | *Homo sapiens* | C6/36 (x3) | 10661 | 91 | 299 |
| KU707826.1\* [[15](#_ENREF_15)] | SSABR1 | Salvador, Bahia, Brazil | 2015 | *Homo sapiens* | - | 10648 | 78 | 298 |
| KU729217.2\* [[10](#_ENREF_10)] | BeH823339 | Brazil | 2015 | *Homo sapiens* | - | 10645 | 75 | 298 |
| KU991811.1\* | Brazil/2016/INMI1 | Italy imported from Brazil (Rio de Janeiro state) | 2016 | *Homo sapiens* | - | 10643 | 73 | 298 |
| KU853013.1\* [[16](#_ENREF_16)] | Dominican Republic/2016/PD2 | Dominican republic (patient hospitalised in Italy) | 2016 | *Homo sapiens* | x1 - cell type not stated | 10636 | 107 | 257 |
| KU853012.1\* [[16](#_ENREF_16)] | Dominican Republic/2016/PD1 | Dominican republic (patient hospitalised in Italy) | 2016 | *Homo sapiens (urine)* | - | 10636 | 107 | 257 |
| KJ776791.1\* [[17](#_ENREF_17)] | H/PF/2013 | French Polynesia | 2013 | *Homo sapiens* | Vero | 10617 | 47 | 298 |
| KU647676.1\* [[18](#_ENREF_18)] | MRS\_OPY\_Martinique\_PaRi\_2015 | Martinique | 2015 | *Homo sapiens* | - | 10617 | 47 | 298 |
| KU922960.1\* | MEX/InDRE/Sm/2016 | Mexico | 2016 | *Homo sapiens* (saliva) | - | 10617 | 47 | 298 |
| KU922923.1\* | Mex/InDRE/Lm/2016 | Mexico | 2016 | *Homo sapiens* (CSF) | - | 10617 | 47 | 298 |
| KU740184.2\* | GD01 | China (South America to Guandong) | 2016 | *Homo sapiens* | - | 10574 | 62 | 240 |
| KU955589.1\* | Z16006 | China | 2016 | *Homo sapiens* | - | 10574 | 40 | 262 |
| KU955590.1\* | Z16019 | China | 2016 | *Homo sapiens* | - | 10569 | 44 | 253 |
| KU963574.1 | ZIKV/Homo sapiens/NGA/IbH-30656\_SM21V1-V3/1968 | Nigeria | 1968 | *Homo sapiens* | Suckling mouse (x21), Vero (x4) | 10442 | 126 | 62 |
| KU761564.1\* | GDZ16001 | China (South America to Guandong) | 2016 | *Homo sapiens* (saliva) | - | 10401 | 48 | 81 |
| KU312312.1\* [[19](#_ENREF_19)] | Z1106033 | Suriname | 2015 | *Homo sapiens* | - | 10374 | 40 | 62 |
| KF383115.1 [[20](#_ENREF_20)] | ArB1362 | Central African Republic | 1968 | *Aedes africanus* | - | 10272 | - | - |
| KF383116.1 [[20](#_ENREF_20)] | ArD7117 | Senegal | 1968 | *Aedes luteocephalus* | - | 10272 | - | - |
| KF383117.1 [[20](#_ENREF_20)] | ArD128000 | Senegal | 1997 | *Aedes luteocephalus* | - | 10272 | - | - |
| KF383118.1 [[20](#_ENREF_20)] | ArD157995 | Senegal | 2001 | *Aedes dalzieli* | - | 10272 | - | - |
| KF383119.1 [[20](#_ENREF_20)] | ArD158084 | Senegal | 2001 | *Aedes dalzieli* | - | 10272 | - | - |
| EU545988.1\* [[21](#_ENREF_21)] | ZIKV 2007 epidemic consensus (EC\_2007) | Yap Island-Micronesia | 2007 | *Homo sapiens* | - | 10272 | - | - |
| KU501217.1\* [[14](#_ENREF_14)] | 8375 | Guatemala | 2015 | *Homo sapiens* | - | 10272 | - | - |
| KU501216.1\* [[14](#_ENREF_14)] | 103344 | Guatemala | 2015 | *Homo sapiens* | - | 10272 | - | - |
| KU820898.1\* | GZ01 | China (South America to Guandong) | 2016 | *Homo sapiens* (urine) | - | 10272 | - | - |
| KU866423.1\* [[22](#_ENREF_22)] | Zika virus/SZ01/2016 | China imported from Samoa | 2016 | *Homo sapiens* | - | 10272 | - | - |
| KX056898.1\* | Zika virus/GZ02/2016 | China | 2016 | *Homo sapiens* | - | 10272 | - | - |
| DQ859059 [[23](#_ENREF_23)] | MR766 | Uganda | - | *-* | - | 10254 | - | - |
| KX377335 | MR766 | Uganda | 1947 | *Macaca mulatta* | - | 10807 | 107 | 429 |

\* indicates accession numbers used to generate maximum clade credibility tree (Fig 1). \*\* indicates sequence which has been updated after analyses were performed. Number of passages are described as (x\_).

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