

Supplementary Table 1. List of enrolled viruses

AF028704.1 Adeno-associated virus 6, complete genome	NC 004119.1 Montana myotis leukoencephalitis virus, complete genome	NC 006439.1 Pichinde virus L RNA, complete genome
AF221065.1 DG-75 Murine leukemia virus, complete genome	NC 004148.2 Human metapneumovirus, complete genome	NC 006447.1 Pichinde virus, complete genome
Q0399707.1 Xenotropic MuLV-related virus VP62, complete genome	NC 004157.1 Dugbe virus segment S, complete sequence	NC 006495.1 Thogoto virus segment 2, complete sequence
HQ246218.1 Murine leukemia virus N417, complete genome	NC 004158.1 Dugbe virus segment M, complete sequence	NC 006496.1 Thogoto virus segment 3, complete sequence
NC 000883.2 Human parvovirus B19, complete genome	NC 004159.1 Dugbe virus segment L, complete sequence	NC 006504.1 Thogoto virus segment 6, complete sequence
NC 000898.1 Human herpesvirus 6B, complete genome	NC 004161.1 Reston ebolavirus isolate Reston virus/M/fascicularis-tc/USA/1999/Philippines89-Pennsylvania, complete genome	NC 006506.1 Thogoto virus segment 4, complete sequence
NC 000940.1 Pseudo enteric sapovirus, complete genome	NC 004162.2 Chikungunya virus, complete genome	NC 006507.1 Thogoto virus segment 5, complete sequence
NC 000943.1 Murray Valley encephalitis virus, complete genome	NC 004180.1 Colorado tick fever virus segment 9, complete sequence	NC 006508.1 Thogoto virus segment 1, complete sequence
NC 001348.1 Human herpesvirus 3, complete genome	NC 004181.1 Colorado tick fever virus segment 1, complete sequence	NC 006551.1 Uucui virus, complete genome
NC 001362.1 Friend murine leukemia virus FB29 complete genome	NC 004182.1 Colorado tick fever virus segment 2, complete sequence	NC 006554.1 Sapovirus C12 strain C12
NC 001401.2 Adeno-associated virus -2, complete genome	NC 004183.1 Colorado tick fever virus segment 3, complete sequence	NC 006572.1 Mopeia Lessa reassortant 29 segment L, complete genome
NC 001405.1 Human adenovirus C, complete genome	NC 004184.1 Colorado tick fever virus segment 4, complete sequence	NC 006573.1 Mopeia Lessa reassortant 29 segment S, complete genome
NC 001430.1 Human enterovirus D, complete genome	NC 004185.1 Colorado tick fever virus segment 5, complete sequence	NC 006574.1 Mopeia virus AN20410 segment 1, complete genome
NC 001434.1 Hepatitis E virus, complete genome	NC 004186.1 Colorado tick fever virus segment 6, complete sequence	NC 006575.1 Mopeia virus AN20410 segment S, complete genome
NC 001436.1 Human T-lymphotropic virus 1, complete genome	NC 004187.1 Colorado tick fever virus segment 7, complete sequence	NC 006577.2 Human coronavirus HKU1, complete genome
NC 001437.1 Japanese encephalitis virus, complete genome	NC 004188.1 Colorado tick fever virus segment 8, complete sequence	NC 006579.1 Pneumonia virus of mice J366, complete genome
NC 001454.1 Human adenovirus F, complete genome	NC 004189.1 Colorado tick fever virus segment 10, complete sequence	NC 006947.1 Karshi virus, complete genome
NC 001460.1 Human adenovirus A, complete genome	NC 004190.1 Colorado tick fever virus segment 12, complete sequence	NC 006998.1 Vaccinia virus, complete genome
NC 001472.1 Human enterovirus B, complete genome	NC 004191.1 Colorado tick fever virus segment 11, complete sequence	NC 007013.1 Small anellovirus 1, complete genome
NC 001474.2 Dengue virus 2, complete genome	NC 004198.1 Banna virus segment 12, complete sequence	NC 007014.1 Small anellovirus 2, complete genome
NC 001475.2 Dengue virus 3, complete genome	NC 004199.1 Kadipiro virus chromosome segment 12, complete genome	NC 007026.1 Human picobornavirus RNA segment 1, complete sequence
NC 001477.1 Dengue virus 1, complete genome	NC 004200.1 Banna virus segment 11, complete sequence	NC 007027.1 Human picobornavirus RNA segment 2, complete sequence
NC 001488.1 Human T-lymphotropic virus 2, complete proviral genome	NC 004201.1 Banna virus segment 10, complete sequence	NC 007073.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) polymerase (PB2) gene, complete cds
NC 001490.1 Human rhinovirus 14, complete genome	NC 004202.1 Banna virus segment 9, complete sequence	NC 007058.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) polymerase (PB1) gene, complete cds
NC 001498.1 Measles virus, complete genome	NC 004203.1 Banna virus segment 8, complete sequence	NC 007359.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) polymerase (PA) gene, complete cds
NC 001499.1 Abelson murine leukemia virus, complete genome	NC 004204.1 Banna virus segment 7, complete sequence	NC 007360.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) nucleocapsid protein (NP) gene, complete cds
NC 001501.1 Moloney murine leukemia virus, complete genome	NC 004205.1 Kadipiro virus segment 11, complete sequence	NC 007361.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) neuraminidase (NA) gene, complete cds
NC 001503.1 Mouse mammary tumor virus, complete genome	NC 004206.1 Kadipiro virus chromosome segment 10, complete genome	NC 007362.1 Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) hemagglutinin (HA) gene, complete cds
NC 001512.1 O'nyong-nyong virus, complete genome	NC 004207.1 Kadipiro virus chromosome segment 9, complete genome	NC 007363.1 Influenza A virus (A/goose/Guangdong/1/1996(H5N1)) segment 7, complete sequence
NC 001538.1 BK polyomavirus, complete genome	NC 004208.1 Kadipiro virus chromosome segment 8, complete genome	NC 007364.1 Influenza A virus (A/goose/Guangdong/1/1996(H5N1)) segment 8, complete sequence
NC 001542.1 Rabies virus, complete genome	NC 004209.1 Kadipiro virus segment 7, complete genome	NC 007366.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 4, complete sequence
NC 001544.1 Ross River virus, complete genome	NC 004210.1 Kadipiro virus chromosome segment 1, complete genome	NC 007367.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 1, complete sequence
NC 001545.2 Rubella virus, complete genome	NC 004211.1 Banna virus strain JKT-6423 segment 1, complete sequence	NC 007368.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 6, complete sequence
NC 001552.1 Sendai virus influenza RNA, antisense, complete sequence	NC 004212.1 Kadipiro virus chromosome segment 2, complete genome	NC 007369.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 5, complete sequence
NC 001560.1 Vesicular stomatitis Indiana virus, complete genome	NC 004213.1 Kadipiro virus chromosome segment 3, complete genome	NC 007370.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 3, complete sequence
NC 001563.2 West Nile virus lineage 2, complete genome	NC 004214.1 Kadipiro virus chromosome segment 4, complete genome	NC 007371.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 2, complete sequence
NC 001564.1 Cell fusing agent virus, complete genome	NC 004215.1 Kadipiro virus chromosome segment 5, complete genome	NC 007372.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 2, complete sequence
NC 001571.1 Borna disease virus 1, complete sequence	NC 004216.1 Kadipiro virus chromosome segment 6, complete genome	NC 007373.1 Influenza A virus (A/New York/392/2004(H3N2)) segment 1, complete sequence
NC 001608.3 Marburg marburgvirus isolate Marburg virus/H.sapiens-tc/KEN/1980/Mt. Elgon-Musoke, complete genome	NC 004217.1 Banna virus strain JKT-6423 segment 2, complete sequence	NC 007374.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 4, complete sequence
NC 001611.1 Variola virus, complete genome	NC 004218.1 Banna virus strain JKT-6423 segment 3, complete sequence	NC 007375.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 3, complete sequence
NC 001612.1 Human enterovirus A, complete genome	NC 004219.1 Banna virus strain JKT-6423 segment 4, complete sequence	NC 007376.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 3, complete sequence
NC 001617.1 Human rhinovirus 89, complete genome	NC 004220.1 Banna virus strain JKT-6423 segment 5, complete sequence	NC 007377.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 3, complete sequence
NC 001653.2 Hepatitis delta virus, complete genome	NC 004221.1 Banna virus strain JKT-6423 segment 6, complete sequence	NC 007378.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 8, complete sequence
NC 001664.2 Human herpesvirus 6A, complete genome	NC 004291.1 Lymphocytic choriomeningitis virus segment L, complete sequence	NC 007380.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 8, complete sequence
NC 001669.1 Simian virus 40, complete genome	NC 004292.1 Tacaribe virus segment L, complete sequence	NC 007381.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 8, complete sequence
NC 001672.1 Tick-borne encephalitis virus, complete genome	NC 004293.1 Tacaribe virus segment S, complete sequence	NC 007382.1 Influenza A virus (A/Korea/426/1968(H2N2)) segment 6, complete sequence
NC 001699.1 JC polyomavirus, complete genome	NC 004294.1 Lymphocytic choriomeningitis virus segment S, complete sequence	NC 007454.1 J-rivus, complete genome
NC 001702.1 Murine type C retrovirus, complete genome	NC 004295.1 Human erythrovirus V9, complete genome	NC 007455.1 Human bocavirus, complete genome
NC 001710.1 GB virus C/Hepatitis G virus, complete genome	NC 004296.1 Lassa virus segment S, complete sequence	NC 007543.1 Rotavirus C segment 7, complete sequence
NC 001716.2 Human herpesvirus 7, complete genome	NC 004297.1 Lassa virus segment L, complete sequence	NC 007544.1 Rotavirus C segment 7, complete sequence
NC 001723.1 Human immunodeficiency virus 2, complete genome	NC 004355.1 ARhyma virus, complete genome	NC 007545.1 Rotavirus C segment 8, complete sequence
NC 001729.1 Adeno-associated virus -3, complete genome	NC 004718.3 SARS coronavirus, complete genome	NC 007546.1 Rotavirus C segment 2, complete sequence
NC 001781.1 Human respiratory syncytial virus, complete genome	NC 004905.2 Influenza A virus (A/Hong Kong/1073/99(H9N2)) segment 5, complete sequence	NC 007547.1 Rotavirus C segment 1, complete sequence
NC 001796.2 Human parainfluenza virus 3, complete genome	NC 004906.1 Influenza A virus (A/Hong Kong/1073/99(H9N2)) segment 8, complete sequence	NC 007548.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001798.1 Human herpesvirus 2, complete genome	NC 004907.1 Influenza A virus (A/Hong Kong/1073/99(H9N2)) segment 7, complete sequence	NC 007549.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001802.1 Human immunodeficiency virus 1, complete genome	NC 004908.1 Influenza A virus ha gene for Hemagglutinin, genomic RNA, strain A/Hong Kong/1073/99(H9N2)	NC 007550.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001803.1 Respiratory syncytial virus, complete genome	NC 004909.1 Influenza A virus na gene for Neuraminidase, genomic RNA, strain A/Hong Kong/1073/99(H9N2)	NC 007551.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001806.1 Human herpesvirus 1, complete genome	NC 004910.1 Influenza A virus pb2 gene for polymerase PB2, genomic RNA, strain A/Hong Kong/1073/99(H9N2)	NC 007552.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001809.1 Louping Ill virus, complete genome	NC 004911.1 Influenza A virus pb1 gene for polymerase PB1, genomic RNA, strain A/Hong Kong/1073/99(H9N2)	NC 007553.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001819.1 Rauscher murine leukemia virus, complete genome	NC 004912.1 Influenza A virus pa gene for polymerase PA, genomic RNA, strain A/Hong Kong/1073/99(H9N2)	NC 007554.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001829.1 Adeno-associated virus -4, complete genome	NC 005036.1 Goose paramyxovirus SP02, complete genome	NC 007555.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001906.3 Hendra virus, complete genome	NC 005039.1 Yokose virus, complete genome	NC 007556.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001921.1 Canine distemper virus, complete genome	NC 005062.1 Omsk hemorrhagic fever virus, complete genome	NC 007557.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001925.1 Bunyamwera virus L segment, complete sequence	NC 005064.1 Kambili River virus, complete genome	NC 007558.1 Adult diarrheal rotavirus strain J19, complete genome
NC 001926.1 Bunyamwera virus M segment, complete sequence	NC 005077.1 Guaranto virus segment S, complete genome	NC 007569.1 Rotavirus C segment 10, complete sequence
NC 001927.1 Bunyamwera virus segment S, complete sequence	NC 005078.1 Machupo virus segment 5, complete genome	NC 007601.1 Rotavirus C segment 5, complete sequence
NC 001943.1 Human astrovirus, complete genome	NC 005079.1 Machupo virus segment 1, complete genome	NC 007571.1 Rotavirus C segment 8, complete sequence
NC 001959.2 Norovirus GI, complete genome	NC 005080.1 Junin virus segment 1, complete genome	NC 007572.1 Rotavirus C segment 3, complete sequence
NC 001989.1 Bovine respiratory syncytial virus, complete genome	NC 005081.1 Junin virus segment S, complete genome	NC 007573.1 Rotavirus C segment 11, complete sequence
NC 002016.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 7, complete sequence	NC 005082.1 Guaranto virus segment L, complete genome	NC 007574.1 Rotavirus C segment 4, complete sequence
NC 002017.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 4, complete sequence	NC 005084.2 Fe-de-lance virus, complete genome	NC 007580.2 St. Louis encephalitis virus, complete genome
NC 002018.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 6, complete sequence	NC 005147.1 Human coronavirus OC43, complete genome	NC 007605.1 Human herpesvirus 4 complete wild type genome
NC 002019.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 5, complete sequence	NC 005214.1 Uukuenim virus segment L, complete sequence	NC 007620.1 Menangle virus, complete genome
NC 002020.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 8, complete sequence	NC 005215.1 Sin Nombre virus segment M, complete genome	NC 007652.1 Avian metapneumovirus
NC 002021.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 2, complete sequence	NC 005216.1 Sin Nombre virus segment S, complete sequence	NC 007736.1 Liao ring virus segment 1, complete genome
NC 002022.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) ORF1, genomic RNA	NC 005217.1 Sin Nombre virus map viral genome L, segment	NC 007737.1 Liao ring virus segment 2, complete genome
NC 002023.1 Influenza A virus (A/Puerto Rico/8/1934(H1N1)) segment 1, complete sequence	NC 005218.1 Hantaan virus, complete genome	NC 007738.1 Liao ring virus segment 3, complete genome
NC 002031.1 Yellow fever virus, complete genome	NC 005219.1 Hantaan virus, complete genome	NC 007739.1 Liao ring virus segment 4, complete genome
NC 002058.3 Poliovirus, complete genome	NC 005220.1 Uukuenim virus chromosome segment M, complete genome	NC 007740.1 Liao ring virus segment 5, complete genome
NC 002076.2 Torque teno virus 1, complete genome	NC 005221.1 Uukuenim virus, complete genome	NC 007741.1 Liao ring virus segment 6, complete genome
NC 002077.1 Adeno-associated virus -1, complete genome	NC 005222.1 Hantaan virus segment L, complete genome	NC 007742.1 Liao ring virus segment 7, complete genome
NC 002161.1 Bovine parainfluenza virus 3, complete genome	NC 005223.1 Puumala virus segment M, complete sequence	NC 007743.1 Liao ring virus segment 8, complete genome
NC 002195.1 Torque teno mini virus 9, complete genome	NC 005224.1 Puumala virus segment S, complete sequence	NC 007744.1 Liao ring virus segment 9, complete genome
NC 002199.1 Tupaia paramyxovirus, complete genome	NC 005225.1 Puumala virus segment L, complete genome	NC 007745.1 Liao ring virus segment 10, complete genome
NC 002200.1 Mumps virus, complete genome	NC 005226.1 Tula virus segment L, complete sequence	NC 007746.1 Liao ring virus segment 11, complete genome
NC 002205.1 Influenza B virus (B/Lee/1940) segment 2, complete sequence	NC 005227.2 Tula virus segment S, complete genome	NC 007747.1 Liao ring virus segment 12, complete genome
NC 002206.1 Influenza B virus (B/Lee/1940) segment 3, complete sequence	NC 005228.1 Tula virus segment M, complete sequence	NC 007803.1 Beilong virus, complete genome
NC 002207.1 Influenza B virus (B/Lee/1940) segment 4, complete sequence	NC 005233.1 Dobrava virus complete S segment gene for nucleocapsid protein, strain DOBV/Ano-Porola/AF9/1999	NC 007903.1 Mobala virus segment S, complete sequence
NC 002208.1 Influenza B virus (B/Lee/1940) segment 5, complete sequence	NC 005234.1 Dobrava virus complete M segment gene for glycoprotein precursor (GI-G2), strain DOBV/Ano-Porola	NC 007904.1 Mobala virus segment L, complete sequence
NC 002209.1 Influenza B virus (B/Lee/1940) segment 6, complete sequence	NC 005235.1 Dobrava virus complete L segment gene for polymerase protein, strain DOBV/Ano-Porola/AF9/1999	NC 007905.1 Ippyo virus segment S, complete sequence
NC 002210.1 Influenza B virus (B/Lee/1940) segment 7, complete sequence	NC 005236.1 Seoul virus strain 80-39 segment S, complete sequence	NC 007906.1 Ippyo virus segment L, complete sequence
NC 002211.1 Influenza B virus (B/Lee/1940) segment 8, complete sequence	NC 005237.1 Seoul virus segment M, complete sequence	NC 008064.2 Entebbe flavivirus, complete genome
NC 002549.2 Zaire ebolavirus isolate Ebola virus/H.sapiens-tc/CDD/1976/Yambuku-Mayinga, complete genome	NC 005238.1 Seoul virus strain Seoul 80-39 clone 1	NC 008178.1 Culex fatigans virus, complete genome
NC 002621.1 Newcastle disease virus B1, complete genome	NC 005283.1 Dolphin morbillivirus, complete genome	NC 008179.1 Sepik virus, complete genome
NC 002640.1 Dengue virus 4, complete genome	NC 005283.2 Peste des petits ruminants virus segment M, complete sequence	NC 009026.2 Bussuquere virus, complete genome
NC 002645.1 Human coronavirus 229E, complete genome	NC 005290.1 Crimean-Congo hemorrhagic fever virus segment L, complete sequence	NC 009028.2 Illius virus, complete genome
NC 002728.1 Nipah virus, complete genome	NC 005292.1 Crimean-Congo hemorrhagic fever virus segment S, complete sequence	NC 009029.2 Kokobera virus, complete genome
NC 003043.1 Avian paramyxovirus 6, complete genome	NC 005339.1 Mossman virus, complete genome	NC 009225.1 Torque teno midi virus 1, complete genome
NC 003243.1 Australian bat lyssavirus, complete genome	NC 005775.1 Oropouche virus segment M, complete sequence	NC 009238.1 Ki polyomavirus Stockholm 60, complete genome
NC 003266.2 Human adenovirus E, complete genome	NC 005776.1 Oropouche virus segment L, complete genome	NC 009333.1 Human herpesvirus 8, complete genome
NC 003417.1 Mayaro virus, complete genome	NC 005777.1 Oropouche virus segment S, complete genome	NC 009334.1 Human herpesvirus 4, complete genome
NC 003443.1 Human parainfluenza virus 2, complete genome	NC 005831.2 Human Coronavirus NL63, complete genome	NC 009489.1 Mapuera virus, complete genome
NC 003461.1 Human parainfluenza virus 1, complete genome	NC 005894.1 Pirital virus segment S, complete sequence	NC 009527.1 European bat lyssavirus 1, complete genome
NC 003466.1 Andes virus segment S, complete sequence	NC 005897.1 Pirital virus segment L, complete genome	NC 009528.1 European bat lyssavirus 2, complete genome
NC 003467.2 Andes virus segment M, complete genome	NC 006152.1 Adeno-associated virus S, complete genome	NC 009539.1 WU Polyomavirus, complete genome
NC 003468.2 Andes virus segment L, complete genome	NC 006260.1 Adeno-associated virus -7, complete genome	NC 009640.1 Porcine rubellavirus, complete genome
NC 003635.1 Modoc virus, complete genome	NC 006261.1 Adeno-associated virus -8, complete genome	NC 009823.1 Hepatitis C virus genotype 2, complete genome
NC 003675.1 Rio Bravo virus, genome	NC 006269.1 Sapovirus HU/Dresden/pJG-Sap01/DE, complete genome	NC 009824.1 Hepatitis C virus genotype 3, genome
NC 003676.1 Apol virus, genome	NC 006273.2 Human herpesvirus S strain Morla, complete genome	NC 009825.1 Hepatitis C virus genotype 4, genome
NC 003687.1 Powassan virus, complete genome	NC 006296.2 Rinderpest virus (strain Kabete 0), complete genome	NC 009826.1 Hepatitis C virus genotype 5, genome
NC 003690.1 Langat virus, complete genome	NC 006396.2 Influenza C virus (C/Ann Arbor/1/50) segment 1, complete sequence	NC 009827.1 Hepatitis C virus genotype 6, complete genome
NC 003696.1 Eych virus segment 1, complete genome	NC 006397.1 Influenza C virus (C/Ann Arbor/1/50) segment 1, complete sequence	NC 009894.1 Akabane virus segment L, complete sequence
NC 003697.1 Eych virus segment 2, complete genome	NC 006398.1 Influenza C virus (C/Ann Arbor/1/50) segment 2, complete sequence	NC 009895.1 Akabane virus segment M, complete sequence
NC 003698.1 Eych virus segment 3, complete genome	NC 006399.1 Influenza C virus (C/Ann Arbor/1/50) segment 3, complete sequence	NC 009896.1 Akabane virus segment S, complete sequence
NC 003699.1 Eych virus segment 4, complete genome	NC 006310.1 Influenza C virus (C/Ann Arbor/1/50) segment 4, complete sequence	NC 009942.1 West Nile virus lineage 1, complete genome
NC 003700.1 Eych virus segment 5, complete genome	NC 006311.1 Influenza C virus (C/Ann Arbor/1/50) segment 5, complete sequence	NC 010247.1 Amapari virus segment S, complete sequence
NC 003701.1 Eych virus segment 6, complete genome	NC 006312.1 Influenza C virus (C/Ann Arbor/1/50) segment 6, complete sequence	NC 010248.1 Oliveros virus segment S, complete sequence
NC 003702.1 Eych virus segment 7, complete genome	NC 006313.1 Sabia virus segment L, complete genome	NC 010249.1 Alpahuayo virus segment L, complete sequence
NC 003703.1 Eych virus segment 8, complete genome	NC 006317.1 Sabia virus, complete genome	NC 010250.1 Oliveros virus segment L, complete sequence
NC 003704.1 Eych virus segment 9, complete genome	NC 006318.1 Toscana virus segment S, complete sequence	NC 010251.1 Amapari virus segment L, complete sequence
NC 003705.1 Eych virus segment 10, complete genome	NC 006319.1 Toscana virus segment L, complete sequence	NC 010252.1 Cupivi virus segment L, complete sequence
NC 003706.1 Eych virus segment 11, complete genome	NC 006320.1 Toscana virus segment M, complete sequence	NC 010253.1 Alpahuayo virus segment S, complete sequence
NC 003707.1 Eych virus segment 12, complete genome	NC 006383.2 Peste des petits ruminants virus complete genome	NC 010254.1 Cupivi virus segment S, complete sequence
NC 003971.1 Hepatitis B virus, complete genome	NC 006428.1 Simian virus 41, complete genome	NC 010255.1 Bear Canyon virus segment L, complete sequence
NC 003996.1 Tamana bat virus, genome	NC 006429.1 Mokelia virus, complete genome	NC 010256.1 Bear Canyon virus segment S, complete sequence
NC 004074.1 Toman virus, complete genome	NC 006430.1 Parainfluenza virus 5, complete genome	NC 010277.1 Merkel cell polyomavirus, complete genome
NC 004102.1 Hepatitis C virus genotype 1, complete genome	NC 006432.1 Sudan ebolavirus isolate Sudan virus/H.sapiens-tc/UGA/2000/Gulu-808892, complete genome	NC 010562.1 Chapare virus segment S, complete sequence
NC 004108.1 La Crosse virus segment L, complete genome	NC 006433.1 Hantavirus Z10 chromosome 5 segment, complete genome	NC 010563.1 Chapare virus segment L, complete sequence
NC 004109.1 La Crosse virus segment M, complete genome	NC 006435.1 Hantavirus Z10 chromosome L, complete genome	NC 010624.1 Sapovirus Mc10, complete genome
NC 004110.1 La Crosse virus segment S, complete genome	NC 006437.1 Hantavirus Z10 segment M, complete genome	NC 010700.1 Whitewater Arroyo virus segment S, complete sequence

Supplementary Table 1. List of enrolled viruses (continued)

NA133-C231C 010701.1	Tamiami virus segment S (small), complete genome	NC 018484.1	CAS virus segment L, complete genome	gi 327195187 kci HPV152REF.1	Human papillomavirus 152 (HPV152), complete genome
NC 010702.1	Tamiami virus segment L, complete sequence	NC 018629.1	Ikomia yssavirus, complete genome	gi 333026161 kci HPV11REF.1	Human papillomavirus 11 (HPV11), complete genome
NC 010703.1	Whitewater Arroyo virus segment L, complete sequence	NC 018705.3	Ntaya virus isolate IPDIA, complete genome	gi 3330311 kci HPV16REF.1	Human papillomavirus 16 (HPV16), complete genome
NC 010704.1	Thottapalayam virus segment S, complete sequence	NC 018710.1	Lunk virus NKS-1 segment S, complete genome	gi 3330481 kci HPV31REF.1	Human papillomavirus 31 (HPV31), complete genome
NC 010707.1	Thottapalayam virus segment L, complete sequence	NC 018711.1	Lunk virus NKS-1 segment L, complete genome	gi 3330491 kci HPV33REF.1	Human papillomavirus 33 (HPV33), complete genome
NC 010708.1	Thottapalayam virus segment M, complete sequence	NC 019531.1	Avian paramyxovirus 4 strain APMV-4/duck/Delaware/549227/2010, complete genome	gi 3330621 kci HPV47REF.1	Human papillomavirus 47 (HPV47), complete genome
NC 010756.1	Parana virus segment S (small), complete genome	NC 020498.1	17TV-like mini virus isolate 17M-171, complete genome	gi 3330711 kci HPV2REF.1	Human papillomavirus 2 (HPV2), complete genome
NC 010757.1	Flexal virus segment S, complete sequence	NC 020805.1	Changdun virus isolate CND 045, complete genome	gi 3330741 kci HPV3REF.1	Human papillomavirus 3 (HPV3), complete genome
NC 010758.1	Latino virus segment S, complete sequence	NC 020807.1	Lagos bat virus isolate 04065EN, complete genome	gi 3330871 kci HPV51REF.1	Human papillomavirus 51 (HPV51), complete genome
NC 010759.1	Flexal virus segment L, complete sequence	NC 020808.1	Arasan virus, complete genome	gi 3332111 kci HPV42REF.1	Human papillomavirus 42 (HPV42), complete genome
NC 010760.1	Latino virus segment L, complete sequence	NC 020809.1	1kut virus, complete genome	gi 3332451 kci HPV39REF.1	Human papillomavirus 39 (HPV39), complete genome
NC 010761.1	Parana virus segment L, complete sequence	NC 020810.1	Duvenhage virus isolate 86132SA, complete genome	gi 3339639341 kci HPV125REF.1	Human papillomavirus 125 (HPV125), complete genome
NC 010956.1	Human adenovirus D, complete genome	NC 021069.1	Mosquito flavivirus isolate LSFflav-A20-09, complete genome	gi 3434115371 kci HPV138REF.1	Human papillomavirus 138 (HPV138), complete genome
NC 011202.1	Human adenovirus B2, complete genome	NC 021153.1	Rodent hepatitisvirus isolate RHV-339, complete genome	gi 3434115451 kci HPV139REF.1	Human papillomavirus 139 (HPV139), complete genome
NC 011203.1	Human adenovirus B1, complete genome	NC 021541.1	Human rotavirus B strain Bang373 RNA dependent RNA polymerase (VP1) mRNA, complete cds	gi 3434115611 kci HPV141REF.1	Human papillomavirus 141 (HPV141), complete genome
NC 011500.2	Rotavirus A segment 5, complete genome	NC 021542.1	Human rotavirus B strain Bang373 outer capsid protein (VP7) gene, complete cds	gi 3434115691 kci HPV142REF.1	Human papillomavirus 142 (HPV142), complete genome
NC 011501.2	Rotavirus A segment 7, complete genome	NC 021543.1	Human rotavirus B strain Bang373 outer capsid protein (VP4) gene, complete cds	gi 3434115771 kci HPV143REF.1	Human papillomavirus 143 (HPV143), complete genome
NC 011502.2	Rotavirus A segment 8, complete genome	NC 021544.1	Human rotavirus B strain Bang373 inner capsid protein (VP6) gene, complete cds	gi 3434115931 kci HPV145REF.1	Human papillomavirus 145 (HPV145), complete genome
NC 011503.2	Rotavirus A segment 9, complete genome	NC 021545.1	Human rotavirus B strain Bang373 inner capsid protein (VP2) gene, complete cds	gi 3434116011 kci HPV146REF.1	Human papillomavirus 146 (HPV146), complete genome
NC 011504.2	Rotavirus A segment 10, complete genome	NC 021546.1	Human rotavirus B strain Bang373 nonstructural protein 1-2 (NS1-2), nonstructural protein 1-2 (NS1-2), complete cds	gi 3434116091 kci HPV147REF.1	Human papillomavirus 147 (HPV147), complete genome
NC 011505.2	Rotavirus A segment 11, complete genome	NC 021547.1	Human rotavirus B strain Bang373 nonstructural protein (NS3) gene, complete cds	gi 3534417191 kci HPV155REF.1	Human papillomavirus 155 (HPV155), complete genome
NC 011506.2	Rotavirus A segment 2, complete genome	NC 021548.1	Human rotavirus B strain Bang373 nonstructural protein (NS2) gene, complete cds	gi 3534483241 kci HPV153REF.1	Human papillomavirus 153 (HPV153), complete genome
NC 011507.2	Rotavirus A segment 1, complete genome	NC 021549.1	Human rotavirus B strain Bang373 nonstructural protein (NS5) gene, complete cds	gi 35383544601 kci HPV126REF.1	Human papillomavirus 126 (HPV126), complete genome
NC 011508.2	Rotavirus A segment 3, complete genome	NC 021550.1	Human rotavirus B strain Bang373 nonstructural protein (NS4) gene, complete cds	gi 370893931 kci HPV93REF.1	Human papillomavirus 93 (HPV93), complete genome
NC 011509.2	Rotavirus A segment 6, complete genome	NC 021551.1	Human rotavirus B strain Bang373 VP3 (VP3) mRNA, complete cds	gi 3896564001 kci HPV135REF.1	Human papillomavirus 135 (HPV135), complete genome
NC 011510.2	Rotavirus A segment 4, complete genome	NC 021580.1	Rotavirus G chicken/03/0567/DEU/2003 segment 2, complete sequence	gi 3896564081 kci HPV136REF.1	Human papillomavirus 136 (HPV136), complete genome
NC 011800.1	Human T-lymphotropic virus 4, complete genome	NC 021581.1	Rotavirus G chicken/03/0567/DEU/2003 segment 3, complete sequence	gi 3896564161 kci HPV137REF.1	Human papillomavirus 137 (HPV137), complete genome
NC 012042.1	Human bocavirus 2c PK isolate PK-5510, complete genome	NC 021582.1	Rotavirus G chicken/03/0567/DEU/2003 segment 9, complete sequence	gi 3896564241 kci HPV140REF.1	Human papillomavirus 140 (HPV140), complete genome
NC 012126.1	California sea lion anellovirus, complete genome	NC 021583.1	Rotavirus G chicken/03/0567/DEU/2003 segment 5, complete sequence	gi 3896564321 kci HPV144REF.1	Human papillomavirus 144 (HPV144), complete genome
NC 012532.1	Zika virus, complete genome	NC 021584.1	Rotavirus G chicken/03/0567/DEU/2003 segment 8, complete sequence	gi 3956275951 kci HPV159REF.1	Human papillomavirus 159 (HPV159), complete genome
NC 012533.1	Kedougou virus, complete genome	NC 021585.1	Rotavirus G chicken/03/0567/DEU/2003 segment 1, complete sequence	gi 396910101 kci HPV128REF.1	Human papillomavirus 128 (HPV128), complete genome
NC 012534.1	Bagaza virus, complete genome	NC 021586.1	Rotavirus G chicken/03/0567/DEU/2003 segment 10, complete sequence	gi 396918101 kci HPV148REF.1	Human papillomavirus 148 (HPV148), complete genome
NC 012564.1	Human bocavirus 3, complete genome	NC 021587.1	Rotavirus G chicken/03/0567/DEU/2003 segment 11, complete sequence	gi 39695241 kci HPV158REF.1	Human papillomavirus 158 (HPV158), complete genome
NC 012671.1	Quang Binh virus, complete genome	NC 021588.1	Rotavirus G chicken/03/0567/DEU/2003 segment 6, complete sequence	gi 39695321 kci HPV17REF.1	Human papillomavirus 17 (HPV17), complete genome
NC 012729.2	Human bocavirus 4 strain HBV4-N1-385, complete genome	NC 021589.1	Rotavirus G chicken/03/0567/DEU/2003 segment 4, complete sequence	gi 39694001 kci HPV139REF.1	Human papillomavirus 19 (HPV19), complete genome
NC 012735.1	Wesselsbron virus, complete genome	NC 021590.1	Rotavirus G chicken/03/0567/DEU/2003 segment 7, complete sequence	gi 39694831 kci HPV25REF.1	Human papillomavirus 25 (HPV25), complete genome
NC 012776.1	Lujia virus segment 5, complete genome	NC 021625.1	Rotavirus F chicken/03/0568/DEU/2003 segment 1, complete sequence	gi 39694841 kci HPV27REF.1	Human papillomavirus 27 (HPV27), complete genome
NC 012777.1	Lujia virus segment L, complete genome	NC 021626.1	Rotavirus F chicken/03/0568/DEU/2003 segment 2, complete sequence	gi 3969731 kci HPV20REF.1	Human papillomavirus 30 (HPV30), complete genome
NC 012932.1	Aedes flavivirus genomic RNA, complete genome, strain Naïta-21	NC 021627.1	Rotavirus F chicken/03/0568/DEU/2003 segment 5, complete sequence	gi 3969971 kci HPV35REF.1	Human papillomavirus 35 (HPV35), complete genome
NC 012950.1	Human enteric coronavirus strain 4408, complete genome	NC 021628.1	Rotavirus F chicken/03/0568/DEU/2003 segment 8, complete sequence	gi 3970051 kci HPV3REF.1	Human papillomavirus 3 (HPV3), complete genome
NC 012959.1	Human adenovirus 54, complete genome	NC 021629.1	Rotavirus F chicken/03/0568/DEU/2003 segment 10, complete sequence	gi 3970141 kci HPV40REF.1	Human papillomavirus 40 (HPV40), complete genome
NC 013057.1	Morogoro virus segment S, complete genome	NC 021630.1	Rotavirus F chicken/03/0568/DEU/2003 segment 4, complete sequence	gi 3970221 kci HPV45REF.1	Human papillomavirus 45 (HPV45), complete genome
NC 013058.1	Morogoro virus segment L, complete genome	NC 021631.1	Rotavirus F chicken/03/0568/DEU/2003 segment 3, complete sequence	gi 3970381 kci HPV52REF.1	Human papillomavirus 52 (HPV52), complete genome
NC 014068.1	Torque teno mini virus 8, complete genome	NC 021632.1	Rotavirus F chicken/03/0568/DEU/2003 segment 5, complete sequence	gi 39705131 kci HPV56REF.1	Human papillomavirus 56 (HPV56), complete genome
NC 014069.1	Torque teno virus 4, complete genome	NC 021633.1	Rotavirus F chicken/03/0568/DEU/2003 segment 7, complete sequence	gi 399325991 kci HPV62REF.1	Human papillomavirus 62 (HPV62), complete genome
NC 014070.1	Torque teno sus virus 1a, complete genome	NC 021634.1	Rotavirus F chicken/03/0568/DEU/2003 segment 11, complete sequence	gi 408044741 kci HPV43REF.1	Human papillomavirus 43 (HPV43), complete genome
NC 014071.1	Torque teno canis virus, complete genome	NC 021635.1	Rotavirus F chicken/03/0568/DEU/2003 segment 6, complete sequence	gi 408045091 kci HPV81REF.1	Human papillomavirus 81 (HPV81), complete genome
NC 014072.1	Torque teno felis virus, complete genome	NC 021928.1	Human parainfluenza virus 4a viral RNA, complete genome, strain: M-25	gi 408045201 kci HPV59REF.1	Human papillomavirus 59 (HPV59), complete genome
NC 014073.1	Torque teno virus 28, complete genome	NC 022037.1	Bazarran virus segment S, complete sequence	gi 408045281 kci HPV49REF.1	Human papillomavirus 49 (HPV49), complete genome
NC 014074.1	Torque teno virus 27, complete genome	NC 022038.1	Bazarran virus segment M, complete sequence	gi 409183151 kci HPV169REF.1	Human papillomavirus 169 (HPV169), complete genome
NC 014075.1	Torque teno virus 12, complete genome	NC 022039.1	Bazarran virus segment L, complete sequence	gi 409183131 kci HPV164REF.1	Human papillomavirus 164 (HPV164), complete genome
NC 014076.1	Torque teno virus 10, complete genome	NC 022630.1	Razdan virus strain LEV-Arm2741 segment L, complete sequence	gi 409183121 kci HPV163REF.1	Human papillomavirus 163 (HPV163), complete genome
NC 014077.1	Torque teno virus 14, complete genome	NC 022631.1	Razdan virus strain LEV-Arm2741 segment M, complete sequence	gi 4091831281 kci HPV162REF.1	Human papillomavirus 162 (HPV162), complete genome
NC 014078.1	Torque teno virus 19, complete genome	NC 022632.1	Razdan virus strain LEV-Arm2741 segment S, complete sequence	gi 4091831351 kci HPV161REF.1	Human papillomavirus 161 (HPV161), complete genome
NC 014079.1	Torque teno virus 26, complete genome	NC 023633.1	Anunoutot virus segment M, complete sequence	gi 4091831421 kci HPV170REF.1	Human papillomavirus 170 (HPV170), complete genome
NC 014080.1	Torque teno virus 7, complete genome	NC 023634.1	Anunoutot virus segment L, complete sequence	gi 4091831491 kci HPV165REF.1	Human papillomavirus 165 (HPV165), complete genome
NC 014081.1	Torque teno virus 3, complete genome	NC 023635.1	Anunoutot virus segment S, complete sequence	gi 4101180991 kci HPV166REF.1	Human papillomavirus 166 (HPV166), complete genome
NC 014082.1	Torque teno mini virus 7, complete genome	NC 045512.2	Severe acute respiratory syndrome coronavirus 2 isolate Wuhan-Hu-1 complete genome	gi 4104437701 kci HPV156REF.1	Human papillomavirus 156 (HPV156), complete genome
NC 014083.1	Torque teno virus 25, complete genome	U13766.1	Murine leukemia virus MCF123, complete genome	gi 4434983701 kci HPV175REF.1	Human papillomavirus 175 (HPV175), complete genome
NC 014084.1	Torque teno virus 8, complete genome	gi 10201621 kci HPV20REF.1	Human papillomavirus 20 (HPV20), complete genome	gi 4434983781 kci HPV180REF.1	Human papillomavirus 180 (HPV180), complete genome
NC 014085.1	Torque teno tamarin virus, complete genome	gi 10201701 kci HPV21REF.1	Human papillomavirus 21 (HPV21), complete genome	gi 4443037091 kci HPV78REF.1	Human papillomavirus 78 (HPV78), complete genome
NC 014086.1	Torque teno mini virus 2, complete genome	gi 10201781 kci HPV22REF.1	Human papillomavirus 22 (HPV22), complete genome	gi 454747201 kci HPV85REF.1	Human papillomavirus 85 (HPV85), complete genome
NC 014087.1	Torque teno douroucouli virus, complete genome	gi 10201861 kci HPV23REF.1	Human papillomavirus 23 (HPV23), complete genome	gi 457866351 kci HPV160REF.1	Human papillomavirus 160 (HPV160), complete genome
NC 014088.1	Torque teno mini virus 3, complete genome	gi 10202021 kci HPV28REF.1	Human papillomavirus 28 (HPV28), complete genome	gi 4696629591 kci HPV174REF.1	Human papillomavirus 174 (HPV174), complete genome
NC 014089.1	Torque teno mini virus 5, complete genome	gi 10202101 kci HPV29REF.1	Human papillomavirus 29 (HPV29), complete genome	gi 502534261 kci HPV96REF.1	Human papillomavirus 96 (HPV96), complete genome
NC 014090.1	Torque teno mini virus 4, complete genome	gi 10202181 kci HPV30REF.1	Human papillomavirus 30 (HPV30), complete genome	gi 50593241 kci HPV83REF.1	Human papillomavirus 83 (HPV83), complete genome
NC 014091.1	Torque teno virus 16, complete genome	gi 10202261 kci HPV37REF.1	Human papillomavirus 37 (HPV37), complete genome	gi 5127218661 kci HPV154REF.1	Human papillomavirus 154 (HPV154), complete genome
NC 014092.2	Torque teno sus virus k2 isolate 2p, complete genome	gi 10202341 kci HPV38REF.1	Human papillomavirus 38 (HPV38), complete genome	gi 5308777071 kci HPV179REF.1	Human papillomavirus type 179 (HPV179), complete genome
NC 014093.1	Torque teno midi virus 2, complete genome	gi 10202421 kci HPV44REF.1	Human papillomavirus 44 (HPV44), complete genome	gi 5513640921 kci HPV184REF.1	Human papillomavirus type 184 (HPV184), complete genome
NC 014094.1	Torque teno virus 6, complete genome	gi 10202901 kci HPV66REF.1	Human papillomavirus 66 (HPV66), complete genome	gi 5572361 kci HPV59REF.1	Human papillomavirus 59 (HPV59), complete genome
NC 014095.1	Torque teno mini virus 6, complete genome	gi 1020346791 kci HPV157REF.1	Human Papillomavirus 157 (HPV157), complete genome	gi 5578257661 kci HPV168REF.1	Human papillomavirus 168 (HPV168), complete genome
NC 014096.1	Torque teno virus 15, complete genome	gi 1020346861 kci HPV205REF.1	Human Papillomavirus 205 (HPV205), complete genome	gi 5599777261 kci HPV167REF.1	Human papillomavirus 167 (HPV167), complete genome
NC 014097.1	Torque teno mini virus 1, complete genome	gi 1020346931 kci HPV158REF.1	Human Papillomavirus 158 (HPV158), complete genome	gi 5647325161 kci HPV171REF.1	Human papillomavirus 171 (HPV171), complete genome
NC 014372.1	Tai Forest ebolavirus isolate Tai Forest virus/H.sapiens-tc/CIV/1994/Paukeoula-CI, complete genome	gi 1093903821 kci HPV103REF.1	Human papillomavirus 103 (HPV103), complete genome	gi 5647325241 kci HPV172REF.1	Human papillomavirus 172 (HPV172), complete genome
NC 014373.1	Bundibugyo ebolavirus isolate Bundibugyo virus/H.sapiens-tc/UGA/2007/Butalya-811250, complete genome	gi 1093903891 kci HPV101REF.1	Human papillomavirus 101 (HPV101), complete genome	gi 5647325321 kci HPV173REF.1	Human papillomavirus 173 (HPV173), complete genome
NC 014395.1	Rift Valley fever virus segment S, complete genome	gi 11734931 kci HPV70REF.1	Human papillomavirus 70 (HPV70), complete genome	gi 602951 kci HPV13REF.1	Human papillomavirus 13 (HPV13), complete genome
NC 014396.1	Rift Valley fever virus segment L, complete genome	gi 12084981 kci HPV171REF.1	Human papillomavirus 171 (HPV171), complete genome	gi 6070646101 kci HPV178REF.1	Human papillomavirus 178 (HPV178), complete genome
NC 014397.1	Rift Valley fever virus segment M, complete genome	gi 126131931 kci HPV107REF.1	Human papillomavirus 107 (HPV107), complete genome	gi 608821 kci HPV57REF.1	Human papillomavirus 57 (HPV57), complete genome
NC 014480.2	Torque teno virus 2, complete genome	gi 129587171 kci HPV48REF.1	Human papillomavirus 48 (HPV48), complete genome	gi 609551 kci HPV6REF.1	Human papillomavirus 6 (HPV6), complete genome
NC 014522.1	Great Island virus segment 1, complete genome	gi 144755181 kci HPV81REF.1	Human papillomavirus 81 (HPV81), complete genome	gi 60965121 kci HPV1REF.1	Bos taurus Papillomavirus 1 (BPV1), complete genome
NC 014523.1	Great Island virus segment 2, complete genome	gi 14916831 kci HPV72REF.1	Human papillomavirus 72 (HPV72), complete genome	gi 60965121 kci HPV1REF.1	Bos taurus Papillomavirus 1 (BPV1), complete genome
NC 014524.1	Great Island virus segment 3, complete genome	gi 14916921 kci HPV73REF.1	Human papillomavirus 73 (HPV73), complete genome	gi 609751 kci HPV18REF.1	Human papillomavirus 18 (HPV18), complete genome
NC 014525.1	Great Island virus segment 4, complete genome	gi 157411271 kci HPV86REF.1	Human papillomavirus 86 (HPV86), complete genome	gi 6174810991 kci HPV199REF.1	Human papillomavirus type 199 (HPV199), complete genome
NC 014526.1	Great Island virus segment 5, complete genome	gi 1676003651 kci HPV88REF.1	Human papillomavirus 88 (HPV88), complete genome	gi 61775699331 kci HPV197REF.1	Human papillomavirus type 197 (HPV197), complete genome
NC 014527.1	Great Island virus segment 6, complete genome	gi 1864611941 kci HPV110REF.1	Human papillomavirus 110 (HPV110), complete genome	gi 697047181 kci HPV69REF.1	Human papillomavirus 69 (HPV69), complete genome
NC 014528.1	Great Island virus segment 7, complete genome	gi 1864612021 kci HPV111REF.1	Human papillomavirus 111 (HPV111), complete genome	gi 69704721 kci HPV82REF.1	Human papillomavirus 82 (HPV82), complete genome
NC 014529.1	Great Island virus segment 8, complete genome	gi 202235681 kci HPV91REF.1	Human papillomavirus 91 (HPV91), complete genome	gi 717268851 kci HPV68REF.1	Human papillomavirus 68 (HPV68), complete genome
NC 014530.1	Great Island virus segment 9, complete genome	gi 220953221 kci HPV89REF.1	Human papillomavirus 89 (HPV89), complete genome	gi 717266941 kci HPV93REF.1	Human papillomavirus 93 (HPV93), complete genome
NC 014531.1	Great Island virus segment 10, complete genome	gi 221381221 kci HPV90REF.1	Human papillomavirus 90 (HPV90), complete genome	gi 717267101 kci HPV106REF.1	Human papillomavirus 106 (HPV106), complete genome
NC 015212.1	Seal anellovirus TFFN/USA/2006, complete genome	gi 2223661 kci HPV88REF.1	Human papillomavirus 58 (HPV58), complete genome	gi 717267181 kci HPV102REF.1	Human papillomavirus 102 (HPV102), complete genome
NC 015373.1	Candidu virus segment M, complete genome	gi 2249833221 kci HPV108REF.1	Human Papillomavirus 108 (HPV108), complete genome	gi 8199252661 kci HPV204REF.1	Human papillomavirus 204 (HPV204), complete genome
NC 015374.1	Candidu virus segment L, complete genome	gi 2259275601 kci HPV109REF.1	Human papillomavirus 109 (HPV109), complete genome	gi 8707024161 kci HPV200REF.1	Human papillomavirus 200 (HPV200), complete genome
NC 015375.1	Candidu virus segment S, complete genome	gi 2259275681 kci HPV112REF.1	Human papillomavirus 112 (HPV112), complete genome	gi 8707024341 kci HPV202REF.1	Human papillomavirus 202 (HPV202), complete genome
NC 015411.1	Sandfly Sicilian Turkey virus segment M, complete genome	gi 2386027011 kci HPV98REF.1	Human papillomavirus 99 (HPV99), complete genome	gi 896684381 kci HPV201REF.1	Human papillomavirus 201 (HPV201), complete genome
NC 015412.1	Sandfly Sicilian Turkey virus segment L, complete genome	gi 2386017011 kci HPV100REF.1	Human papillomavirus 100 (HPV100), complete genome	gi 90285421 kci HPV49REF.1	Human papillomavirus 49 (HPV49), complete genome
NC 015413.1	Sandfly Sicilian Turkey virus segment S, complete genome	gi 2386017161 kci HPV105REF.1	Human papillomavirus 105 (HPV105), complete genome	gi 90285421 kci HPV49REF.1	Human papillomavirus 49 (HPV49), complete genome
NC 015450.1	Aquacete virus segment M, complete genome	gi 2386017231 kci HPV113REF.1	Human papillomavirus 113 (HPV113), complete genome	gi 90285421 kci HPV49REF.1	Human papillomavirus 49 (