

# BV-BRC Test Report

## D2. Overview Data Tab - Virus

<b>Item to test</b>	<b>Overview Data Tab</b>
<b>URL</b>	<a href="https://www.bv-brc.org/view/Virus/10239">https://www.bv-brc.org/view/Virus/10239</a>
<b>Prerequisites</b>	None
<b>References</b>	<a href="https://www.bv-brc.org/docs/quick_references/organisms_taxon/overview.html">https://www.bv-brc.org/docs/quick_references/organisms_taxon/overview.html</a>
<b>Tester(s)</b>	Anna Niewiadomska, Ron Kenyon
<b>Test date</b>	10-Feb-2022 (original-passed), 8-May-2022 (follow-up-passed)
<b>Test result</b>	<b>Passed</b>

### Overview

- Test the viral data Overview Tabs.
- Verify that links from each group go to correct location.
- Check other links to verify correct operation.

### Test Results

- Test results were verified by examination of returned data via inspection.
- All links went to correct locations in the website.

# Viruses:

Virus View  
Viruses ( 7063732 Genomes )




- Overview
- Taxonomy
- Genomes
- Proteins
- Protein Structures
- Domains and Motifs
- Epitopes
- Experiments

## Virus Data Summary

Families	71
Genera	1645
Species	20758
Genomes / Segments	7063732
Protein Coding Genes (CDS)	122048276
Mature Peptides	121967039
3D Protein Structures (PDB)	11502

## Virus Families

### Single-Stranded Positive-Sense RNA

-  *Caliciviridae*
-  *Coronaviridae*
-  *Flaviviridae*
-  *Hepeviridae*
-  *Picornaviridae*
-  *Togaviridae*

### Single-Stranded Negative-Sense RNA

-  *Bunyvirales*
-  *Filoviridae*
-  *Paramyxoviridae*
-  *Orthomyxoviridae*
-  *Pneumoviridae*
-  *Rhabdoviridae*

### Double-Stranded RNA

-  *Reoviridae*






### Single-Stranded DNA

-  *Parvoviridae*










### Partially Double-Stranded DNA

-  *Hepadnaviridae*

### Double-Stranded DNA

-  *Adenoviridae*
-  *Asfarviridae*
-  *Herpesviridae*
-  *Polyomaviridae*
-  *Poxviridae*

### Featured Viruses

-  *Bacteriophages*
-  *Dengue virus*
-  *Ebolavirus*
-  *Enterovirus*
-  *Hepatitis C virus*
-  *Influenza A virus*
-  *Lassa Virus*
-  *SARS-CoV-2*
-  *Zika Virus*

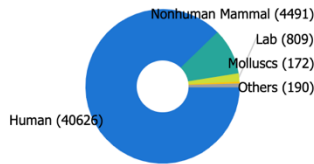
Caliciviridae:

Taxonomy Summary

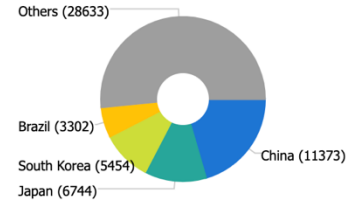
Taxon ID	11974
Taxon Name	Caliciviridae
Taxon Rank	family
Genera	11
Species	235
Genomes / Segments	61776
Protein Coding Genes (CDS)	146924
Mature Peptides	56303
3D Protein Structures (PDB)	261

Genomes By Metadata

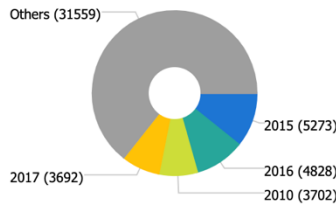
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Porcine enteric sapovirus Cowden
Reference	Feline calicivirus Urbana
Reference	Rabbit hemorrhagic disease virus FRG
Reference	Norovirus GI
Reference	Vesicular exanthema of swine virus
Reference	European brown hare syndrome virus EBHSV-GD
Reference	Calicivirus strain NB
Reference	Walrus calicivirus

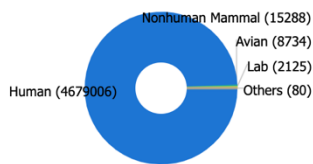
Coronaviridae:

Taxonomy Summary

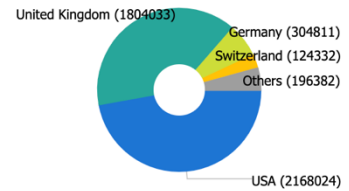
Taxon ID	11118
Taxon Name	Coronaviridae
Taxon Rank	family
Genera	5
Species	976
Genomes / Segments	4871563
Protein Coding Genes (CDS)	112428750
Mature Peptides	120008025
3D Protein Structures (PDB)	1727

Genomes By Metadata

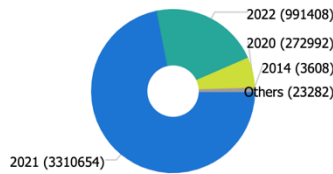
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Murine hepatitis virus MHV-A59
Reference	Feline infectious peritonitis virus 79-1146
Reference	Human coronavirus 229E
Reference	Bovine coronavirus BCoV-ENT
Reference	Porcine epidemic diarrhea virus CV777
Reference	SARS coronavirus Tor2
Reference	Human coronavirus NL63 Amsterdam I
Reference	Human coronavirus OC43 ATCC VR-759
Reference	Human coronavirus HKU14

## Flaviviridae:

Taxon View

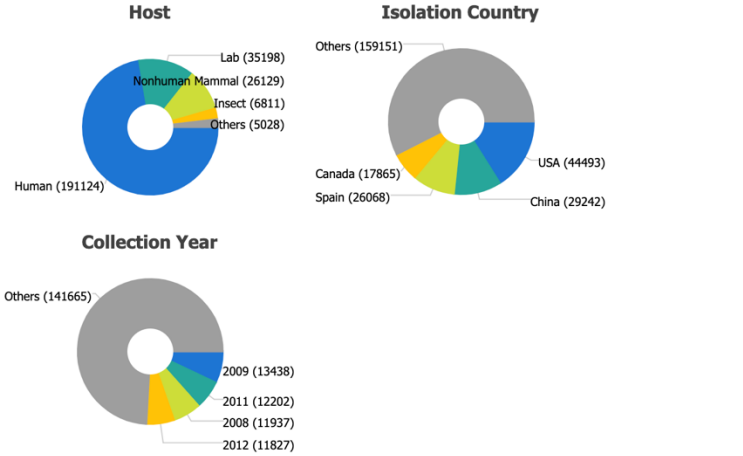
Viruses » Kitrinoviricota » Flusviricetes » Amarillovirales » **Flaviviridae** ( 373669 Genomes )

Overview Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

Taxon ID	11050
Taxon Name	Flaviviridae
Taxon Rank	family
Genera	5
Species	372
Genomes / Segments	373669
Protein Coding Genes (CDS)	439257
Mature Peptides	865082
3D Protein Structures (PDB)	881

### Genomes By Metadata



### Reference/Representative Genomes

Type	Genome Name
Reference	Kyasanur Forest disease virus
Reference	Murray Valley encephalitis virus
Reference	Japanese encephalitis virus
Reference	Bovine viral diarrhea virus 1 NADL
Reference	Dengue virus 2 16681
Reference	Dengue virus 3
Reference	Dengue virus 1
Reference	West Nile virus 956
Reference	Cell fusion agent virus Saboneta

## Hepeviridae:

Taxon View

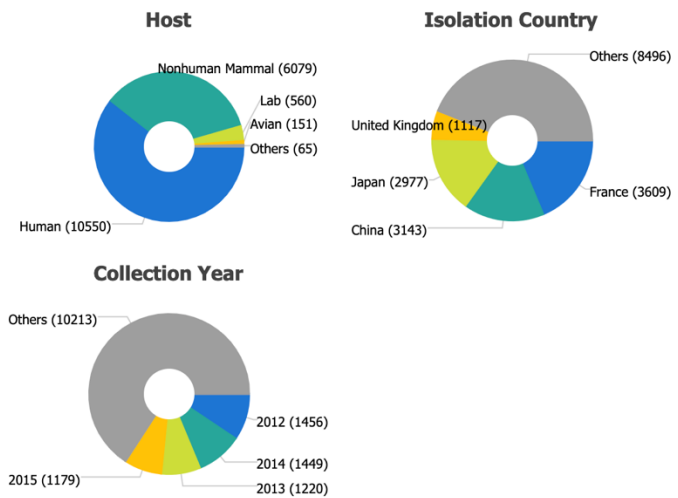
Viruses » Kitrinoviricota » Alsuviricetes » Hepelivirales » **Hepeviridae** ( 20612 Genomes )

Overview Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

Taxon ID	291484
Taxon Name	Hepeviridae
Taxon Rank	family
Genera	3
Species	44
Genomes / Segments	20612
Protein Coding Genes (CDS)	44974
Mature Peptides	240
3D Protein Structures (PDB)	2

### Genomes By Metadata



### Reference/Representative Genomes

Type	Genome Name
Reference	Cutthroat trout virus
Reference	Orthohepevirus B
Reference	Hepatitis E virus rat/R63/DEU/2009
Reference	Sogatella furcifera hepe-like virus
Reference	Rana hepevirus agile forg/RD6/2015/HUN
Reference	Orthohepevirus D

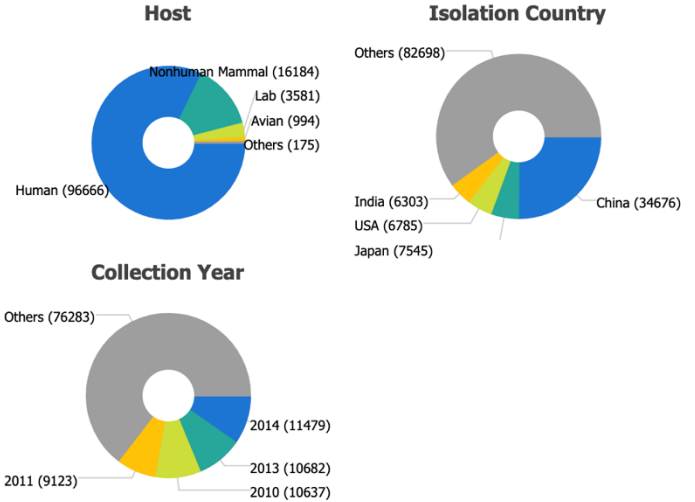
## Picornaviridae:

Taxon View  
 Viruses » Pisuviricota » Pisoniviricetes » Picornavirales » **Picornaviridae** ( 152327 Genomes )

Overview Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

Taxonomy Summary Genomes By Metadata

Taxon ID	12058
Taxon Name	Picornaviridae
Taxon Rank	family
Genera	49
Species	1017
Genomes / Segments	152327
Protein Coding Genes (CDS)	195824
Mature Peptides	312394
3D Protein Structures (PDB)	360



Reference/Representative Genomes

Type	Genome Name
Reference	Theilovirus GDVII
Reference	Enterovirus D Enterovirus 70
Reference	Enterovirus B
Reference	Encephalomyocarditis virus Ruckert
Reference	Hepatovirus A
Reference	Rhinovirus B14
Reference	Enterovirus A
Reference	Enterovirus E VG-5-27

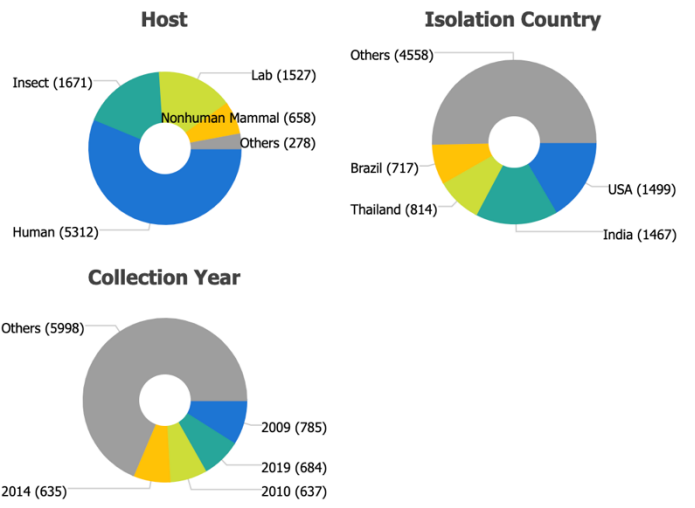
Togaviridae:

Taxon View  
 Viruses » Kitrinoviricota » Alsuviricetes » Martellivirales » **Togaviridae** ( 12270 Genomes )

Overview Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

Taxonomy Summary Genomes By Metadata

Taxon ID	11018
Taxon Name	Togaviridae
Taxon Rank	family
Genera	2
Species	61
Genomes / Segments	12270
Protein Coding Genes (CDS)	29468
Mature Peptides	52250
3D Protein Structures (PDB)	91



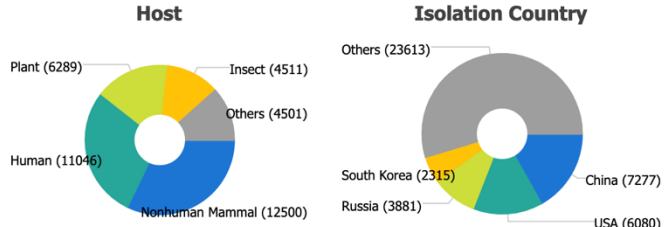
Reference/Representative Genomes

Type	Genome Name
Reference	Venezuelan equine encephalitis virus
Reference	Onyong-nyong virus
Reference	Ross River virus NB5092
Reference	Sindbis virus
Reference	Barmah Forest virus BH2193
Reference	Semliki Forest virus
Reference	Mayaro virus
Reference	Sleeping disease virus

Bunyavirales:

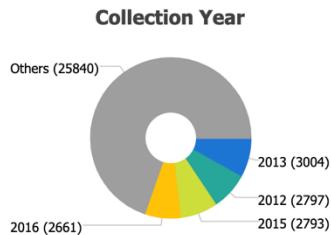
Taxonomy Summary Genomes By Metadata

Taxon ID	1980410
Taxon Name	Bunyvirales
Taxon Rank	order
Families	13
Genera	55
Species	1294
Genomes / Segments	49495
Protein Coding Genes (CDS)	110539
Mature Peptides	4100
3D Protein Structures (PDB)	225



Reference/Representative Genomes

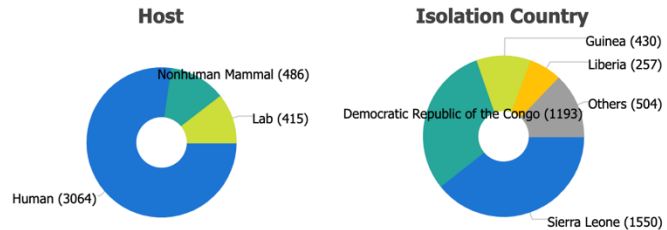
Type	Genome Name
Reference	Athtab bunya-like virus A14-49.4
Reference	Athtab bunya-like virus A14-49.4
Reference	Tomato spotted wilt tospovirus
Reference	Tomato spotted wilt tospovirus CPNH9
Reference	Tomato spotted wilt tospovirus BR-01 (CNPH1) strain BR-01 (CNPH1)
Reference	Rice grassy stunt tenuivirus IIRI
Reference	Rice grassy stunt tenuivirus IIRI
Reference	Rice grassy stunt tenuivirus IIRI



Filoviridae:

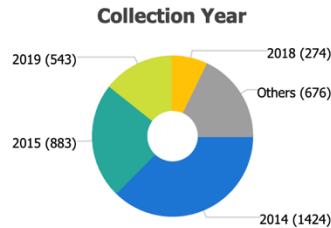
Taxonomy Summary Genomes By Metadata

Taxon ID	11266
Taxon Name	Filoviridae
Taxon Rank	family
Genera	7
Species	19
Genomes / Segments	4421
Protein Coding Genes (CDS)	58784
Mature Peptides	18
3D Protein Structures (PDB)	147

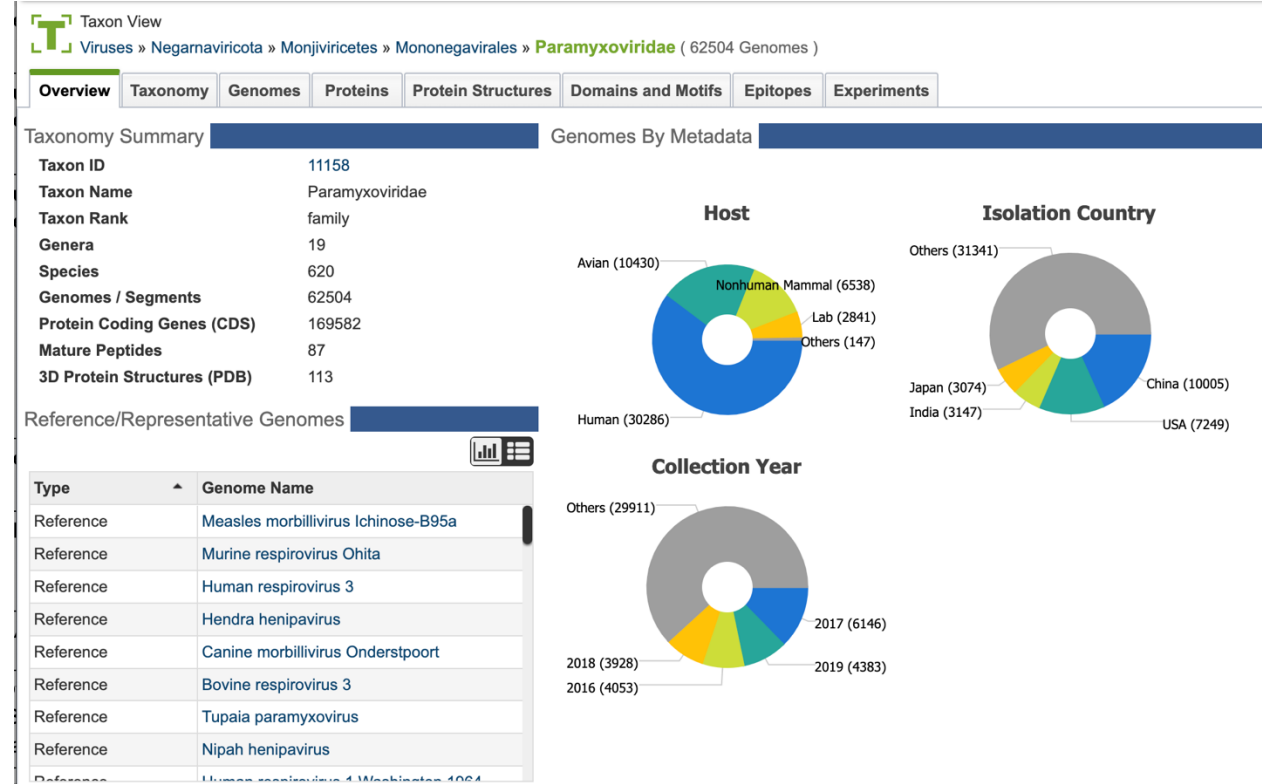


Reference/Representative Genomes

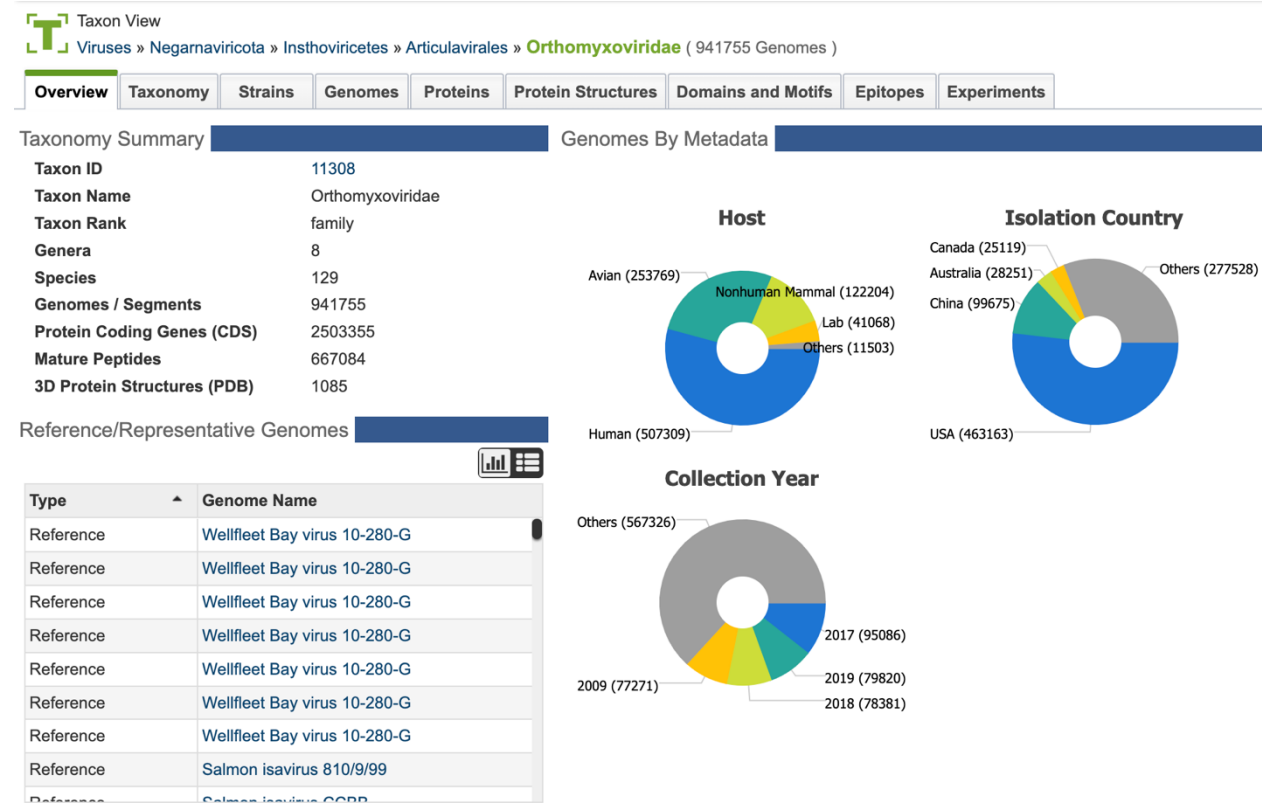
Type	Genome Name
Reference	Marburg marburgvirus
Reference	Zaire ebolavirus
Reference	Reston ebolavirus
Reference	Sudan ebolavirus
Reference	Tai Forest ebolavirus
Reference	Bundibugyo ebolavirus
Reference	Marburg marburgvirus
Reference	Lloviu cuevavirus



## Paramyxoviridae:



## Orthomyxoviridae:



## Pneumoviridae:

Taxon View

Viruses » Negarnaviricota » Monjiviricetes » Mononegavirales » **Pneumoviridae** ( 47954 Genomes )

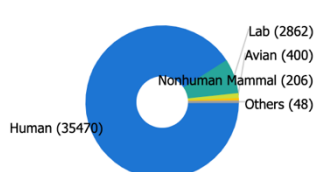
**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

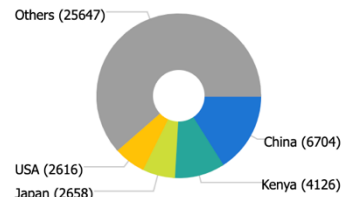
Taxon ID	11244
Taxon Name	Pneumoviridae
Taxon Rank	family
Genera	4
Species	14
Genomes / Segments	47954
Protein Coding Genes (CDS)	175672
Mature Peptides	19
3D Protein Structures (PDB)	123

### Genomes By Metadata

#### Host



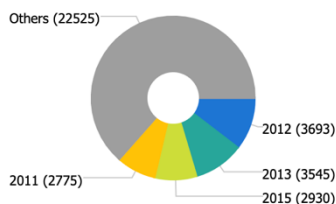
#### Isolation Country



### Reference/Representative Genomes

Type	Genome Name
Reference	Human orthopneumovirus B1
Reference	Respiratory syncytial virus S2 ts1C
Reference	Bovine orthopneumovirus ATue51908
Reference	Pneumonia virus of mice J3666
Reference	Pneumovirus dog/Bari/100-12/ITA/2012
Reference	Human orthopneumovirus
Reference	Bovine respiratory syncytial virus ATCC51908 ATCC 51908
Reference	Human metapneumovirus 00-1

#### Collection Year



## Poxviridae:

Taxon View

Viruses » Negarnaviricota » Monjiviricetes » Mononegavirales » **Rhabdoviridae** ( 36515 Genomes )

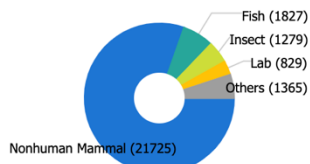
**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

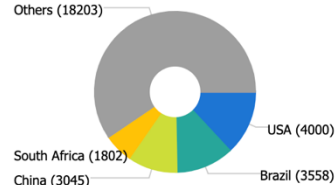
Taxon ID	11270
Taxon Name	Rhabdoviridae
Taxon Rank	family
Genera	39
Species	519
Genomes / Segments	36515
Protein Coding Genes (CDS)	105732
Mature Peptides	40
3D Protein Structures (PDB)	42

### Genomes By Metadata

#### Host



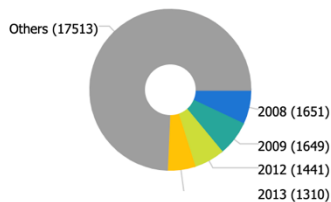
#### Isolation Country



### Reference/Representative Genomes

Type	Genome Name
Reference	Viral hemorrhagic septicemia virus Fil3
Reference	Snakehead virus
Reference	Rabies lyssavirus
Reference	Vesicular stomatitis Indiana virus
Reference	Sonchus yellow net nucleorhabdovirus
Reference	Infectious hematopoietic necrosis virus WRAC
Reference	Northern cereal mosaic cytorhabdovirus
Reference	Bovine ephemeral fever virus

#### Collection Year





## Rhabdoviridae:

Taxon View

Viruses » Negarnaviricota » Monjiviricetes » Mononegavirales » **Rhabdoviridae** ( 36515 Genomes )

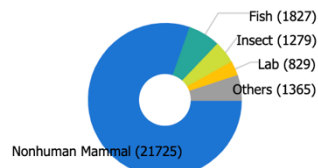
Overview Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

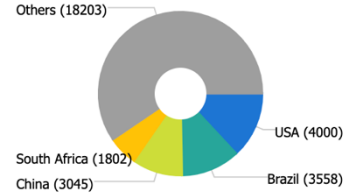
Taxon ID	11270
Taxon Name	Rhabdoviridae
Taxon Rank	family
Genera	39
Species	519
Genomes / Segments	36515
Protein Coding Genes (CDS)	105732
Mature Peptides	40
3D Protein Structures (PDB)	42

### Genomes By Metadata

#### Host



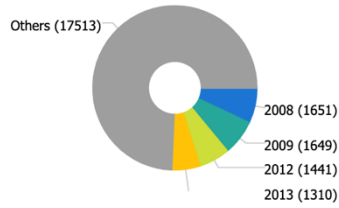
#### Isolation Country



### Reference/Representative Genomes

Type	Genome Name
Reference	Viral hemorrhagic septicemia virus Fil3
Reference	Snakehead virus
Reference	Rabies lyssavirus
Reference	Vesicular stomatitis Indiana virus
Reference	Sonchus yellow net nucleorhabdovirus
Reference	Infectious hematopoietic necrosis virus WRAC
Reference	Northern cereal mosaic cytorhabdovirus
Reference	Bovine ephemeral fever virus

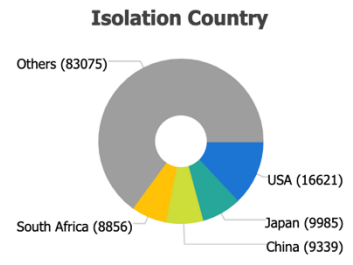
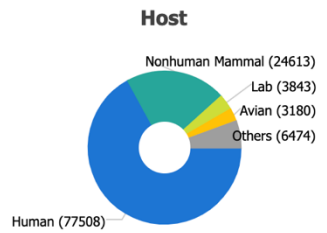
#### Collection Year



## Reoviridae:

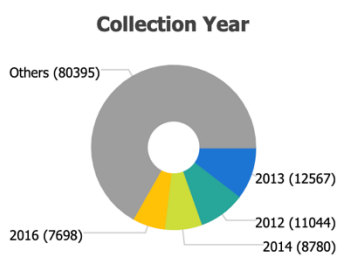
Taxonomy Summary Genomes By Metadata

Taxon ID	10880
Taxon Name	Reoviridae
Taxon Rank	family
Genera	16
Species	385
Genomes / Segments	136480
Protein Coding Genes (CDS)	280119
Mature Peptides	209
3D Protein Structures (PDB)	183



Reference/Representative Genomes

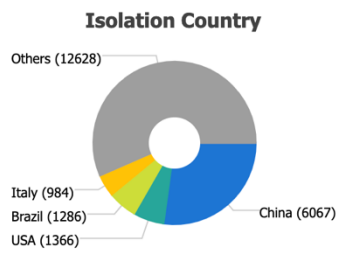
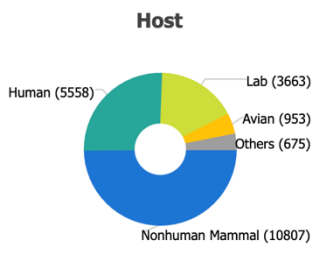
Type	Genome Name
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15
Reference	Trichoplusia ni cypovirus 15



Parvoviridae:

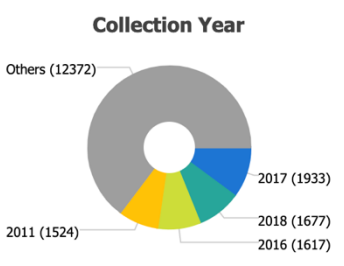
Taxonomy Summary Genomes By Metadata

Taxon ID	10780
Taxon Name	Parvoviridae
Taxon Rank	family
Genera	27
Species	697
Genomes / Segments	27757
Protein Coding Genes (CDS)	69871
Mature Peptides	32
3D Protein Structures (PDB)	122



Reference/Representative Genomes

Type	Genome Name
Reference	Parvovirus NIH-CQV
Reference	Parvovirus YX-2010/CHN CnPPV_JH13
Reference	Lupine bocavirus South Douro
Reference	Parus major densovirus PmDENV-JL
Reference	Porcine parvovirus 2 BR/GO/ion_09_PPV-2/2011
Reference	Protoparvovirus Zsana/2013/HUN
Reference	Pseudoplusia includens densovirus IAF
Reference	Solenopsis invicta densovirus SIDNV-Arg



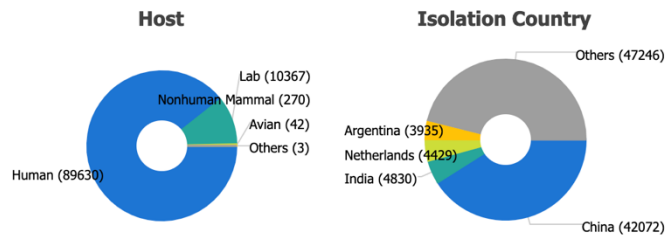
## Hepadnaviridae:

Taxon View  
 Viruses » Artverviricota » Revtraviricetes » Blubervirales » **Hepadnaviridae** ( 124718 Genomes )

**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

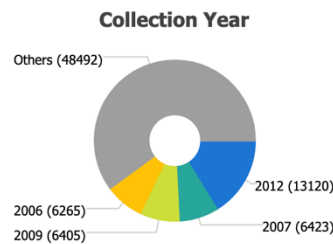
Taxonomy Summary Genomes By Metadata

<b>Taxon ID</b>	10404
<b>Taxon Name</b>	Hepadnaviridae
<b>Taxon Rank</b>	family
<b>Genera</b>	6
<b>Species</b>	32
<b>Genomes / Segments</b>	124718
<b>Protein Coding Genes (CDS)</b>	357433
<b>Mature Peptides</b>	676
<b>3D Protein Structures (PDB)</b>	56



Reference/Representative Genomes

Type	Genome Name
Reference	Parrot hepatitis B virus PL
Reference	Sheldgoose hepatitis B virus Ashy-headed sheldgoose hepatitis B virus
Reference	Tibetan frog hepatitis B virus 243398
Reference	Tinamou hepatitis B virus 160050
Reference	White sucker hepatitis B virus RR173
Reference	Roundleaf bat hepatitis B virus RBHBV/GB09-256/Hip_rub/GAB/2009
Reference	Snow goose hepatitis B virus SGHBV1-13



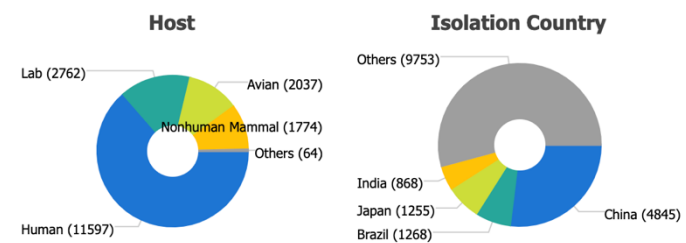
## Adenoviridae:

Taxon View  
 Viruses » Preplasmiviricota » Tectiliviricetes » Rowavirales » **Adenoviridae** ( 23000 Genomes )

**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

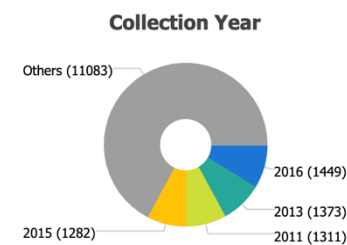
Taxonomy Summary Genomes By Metadata

<b>Taxon ID</b>	10508
<b>Taxon Name</b>	Adenoviridae
<b>Taxon Rank</b>	family
<b>Genera</b>	7
<b>Species</b>	560
<b>Genomes / Segments</b>	23000
<b>Protein Coding Genes (CDS)</b>	156692
<b>Mature Peptides</b>	14
<b>3D Protein Structures (PDB)</b>	129



Reference/Representative Genomes

Type	Genome Name
Reference	Lizard adenovirus 2
Reference	Odocoileus adenovirus 1
Reference	Polar bear mastadenovirus 1
Reference	Psittacine adenovirus 3
Reference	Psittacine aviadenovirus B
Reference	Simian adenovirus 13 P-9
Reference	Simian adenovirus 16 C-8
Reference	Simian adenovirus 19 AA153



## Asfarviridae:

Taxon View

Viruses » Nucleocytoviricota » Pokkesviricetes » Asfuvirales » **Asfarviridae** ( 7617 Genomes )

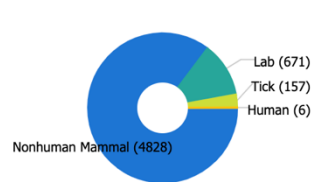
**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

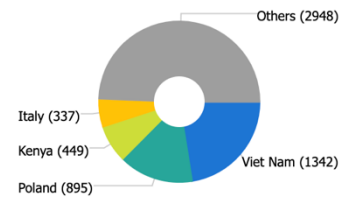
Taxon ID	137992
Taxon Name	Asfarviridae
Taxon Rank	family
Genera	2
Species	3
Genomes / Segments	7617
Protein Coding Genes (CDS)	74380
Mature Peptides	58
3D Protein Structures (PDB)	49

### Genomes By Metadata

#### Host



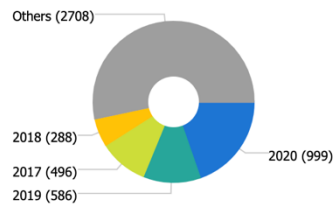
#### Isolation Country



### Reference/Representative Genomes

Type	Genome Name
Reference	African swine fever virus
Reference	African swine fever virus
Reference	African swine fever virus
Reference	African swine fever virus
Reference	African swine fever virus
Reference	African swine fever virus BA71
Reference	African swine fever virus BA71V
Reference	African swine fever virus Benin 97/1
Reference	African swine fever virus F75

#### Collection Year



## Herpesviridae:

Taxon View

Viruses » Kitrinoviricota » Alsuviricetes » Hepelivirales » **Hepeviridae** ( 20612 Genomes )

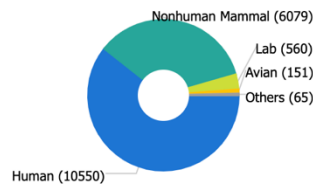
**Overview** Taxonomy Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

### Taxonomy Summary

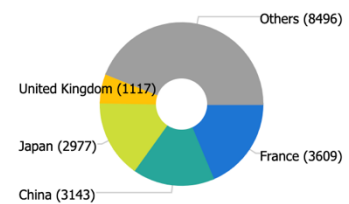
Taxon ID	291484
Taxon Name	Hepeviridae
Taxon Rank	family
Genera	3
Species	44
Genomes / Segments	20612
Protein Coding Genes (CDS)	44974
Mature Peptides	240
3D Protein Structures (PDB)	2

### Genomes By Metadata

#### Host



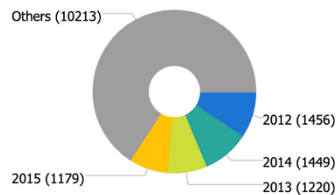
#### Isolation Country



### Reference/Representative Genomes

Type	Genome Name
Reference	Cutthroat trout virus
Reference	Orthohepevirus B
Reference	Hepatitis E virus rat/R63/DEU/2009
Reference	Sogatella furcifera hepe-like virus
Reference	Rana hepevirus agile forg/RD6/2015/HUN
Reference	Orthohepevirus D

#### Collection Year



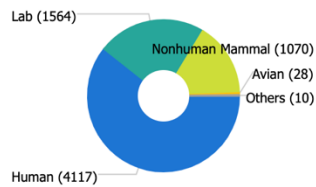
## Polyomaviridae:

Taxonomy Summary

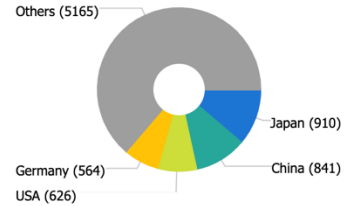
Taxon ID	151341
Taxon Name	Polyomaviridae
Taxon Rank	family
Genera	7
Species	251
Genomes / Segments	12968
Protein Coding Genes (CDS)	39244
3D Protein Structures (PDB)	69

Genomes By Metadata

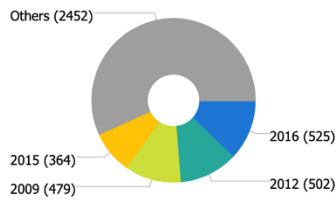
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Sheep polyomavirus 1 VH4-S14
Reference	Lonchura maja polyomavirus 1 14534/2011
Reference	Marbled eel polyomavirus AMV-1
Reference	Pan troglodytes verus polyomavirus 8 Ch-Regina
Reference	Philantomba monticola polyomavirus 1 9781 GN365
Reference	Potamochoerus porcus polyomavirus 1 9780 PI225

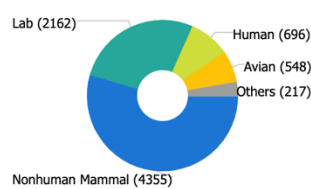
Poxviridae:

Taxonomy Summary

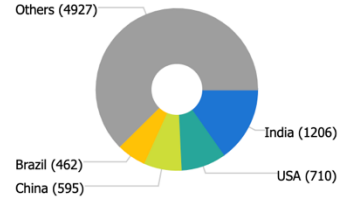
Taxon ID	10240
Taxon Name	Poxviridae
Taxon Rank	family
Genera	22
Species	276
Genomes / Segments	11630
Protein Coding Genes (CDS)	299874
Mature Peptides	34
3D Protein Structures (PDB)	208

Genomes By Metadata

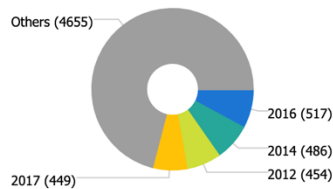
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Myxoma virus Lausanne
Reference	Rabbit fibroma virus Kasza
Reference	Variola virus India-1967, ssp. major
Reference	Molluscum contagiosum virus subtype 1
Reference	Melanoplus sanguinipes entomopoxvirus
Reference	Fowlpox virus
Reference	Amsacta moorei entomopoxvirus
Reference	Yaba-like disease virus
Reference	Lumpy skin disease virus NY 2400 Neethling

Bacteriophages:

Overview **Genomes** Sequences AMR Phenotypes Proteins Specialty Genes Pathways Subsystems

<input type="checkbox"/>	Genome Name	Strain	GenBank Accessions	Size	CDS	Collection Year	Isolation Country	Host Common Name
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049186	CAKLQF020000001					
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049191	CAKLQH020000001					
<input type="checkbox"/>	Vibrio phage XZ1		ON000910					
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049188	CAKLQC020000001					
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049193	CAKLQD020000001					
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049192	CAKLQE020000001					
<input type="checkbox"/>	Pseudomonas phage SoKa		OM962999			2019	Tunisia	
<input type="checkbox"/>	Pseudomonas phage Astolliot		OM982621				Denmark	
<input type="checkbox"/>	Acinetobacter phage MD-2021a 5899STDY	5899STDY8049185	CAKLA020000001					
<input type="checkbox"/>	Klebsiella phage KP1079		OM630219			2019	Russia	
<input type="checkbox"/>	Pseudomonas phage Almagne		OM982619				Denmark	
<input type="checkbox"/>	Escherichia phage JL22		ON018986			2021	China	Escherichia coli
<input type="checkbox"/>	Pseudomonas phage PA_LZ01		OM953790					Pseudomonas
<input type="checkbox"/>	Stenotrophomonas phage BUCT603B1		OM913894				China	
<input type="checkbox"/>	Arthrobacter phage BruhMoment		OM818331			2019	USA	
<input type="checkbox"/>	Escherichia phage vB_EcoM-E33		OL780484					Escherichia coli
<input type="checkbox"/>	Pseudomonas phage Kremar		OM982620				Denmark	
<input type="checkbox"/>	Citrobacter phage Chris1		ON041214					
<input type="checkbox"/>	Gordonia phage Switzerland		OM818328			2020	USA	
<input type="checkbox"/>	Bacillus phage vB_BauM_KLEB27-3		OM634661			2019	Lithuania	
<input type="checkbox"/>	Aeromonas phage ZPAH14		OM810291			2018	China	
<input type="checkbox"/>	Mycobacterium phage Hyperbowlee		OM818330			2014	USA	
<input type="checkbox"/>	Escherichia phage BUCT618		OM735461				China	Escherichia coli
<input type="checkbox"/>	Escherichia phage CY1		OM937123					Escherichia coli

1 - 200 of 18536 results < 1 2 3 ... 93 >

### Dengue virus:

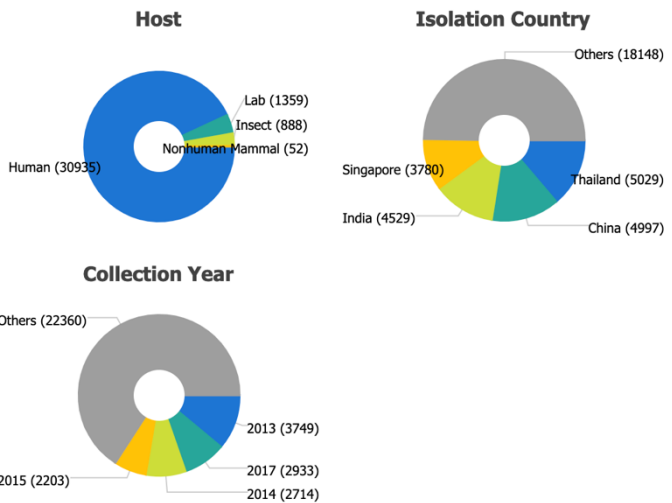
Overview **Taxonomy** Genomes Proteins Protein Structures Domains and Motifs Epitopes Experiments

Taxonomy Summary Genomes By Metadata

**Taxon ID** 12637  
**Taxon Name** Dengue virus  
**Taxon Rank** species  
**Genomes / Segments** 39517  
**Protein Coding Genes (CDS)** 56901  
**Mature Peptides** 282024  
**3D Protein Structures (PDB)** 179

Reference/Representative Genomes Taxonomy

Type	Genome Name
Reference	Dengue virus 2 16681
Reference	Dengue virus 3
Reference	Dengue virus 1
Reference	Dengue virus 4



### Ebolavirus:

Taxon View

Viruses » Negamaviricota » Monjiviricetes » Mononegavirales » Filoviridae » **Ebolavirus** ( 3969 Genomes )

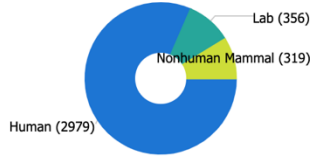
- Overview
- Taxonomy
- Genomes
- Proteins
- Protein Structures
- Domains and Motifs
- Epitopes
- Experiments

Taxonomy Summary

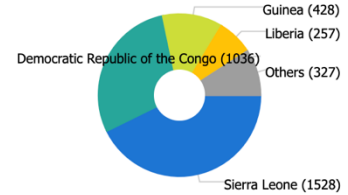
Taxon ID	186536
Taxon Name	Ebolavirus
Taxon Rank	genus
Species	7
Genomes / Segments	3969
Protein Coding Genes (CDS)	56600
Mature Peptides	8
3D Protein Structures (PDB)	127

Genomes By Metadata

Host



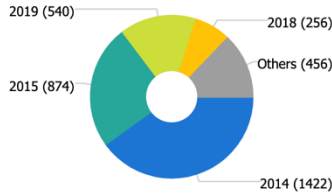
Isolation Country



Reference/Representative Genomes

Type	Genome Name
Reference	Zaire ebolavirus
Reference	Reston ebolavirus
Reference	Sudan ebolavirus
Reference	Tai Forest ebolavirus
Reference	Bundibugyo ebolavirus
Reference	Bombali ebolavirus

Collection Year



Enterovirus:

Taxon View

Viruses » Pisuviricota » Pisoniviricetes » Picornavirales » Picornaviridae » **Enterovirus** ( 111358 Genomes )

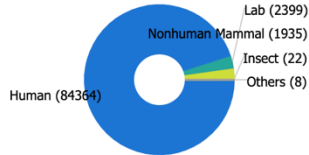
- Overview
- Taxonomy
- Genomes
- Proteins
- Protein Structures
- Domains and Motifs
- Epitopes
- Experiments

Taxonomy Summary

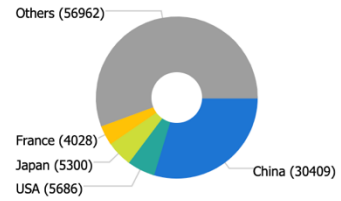
Taxon ID	12059
Taxon Name	Enterovirus
Taxon Rank	genus
Species	484
Genomes / Segments	111358
Protein Coding Genes (CDS)	138240
Mature Peptides	240048
3D Protein Structures (PDB)	264

Genomes By Metadata

Host



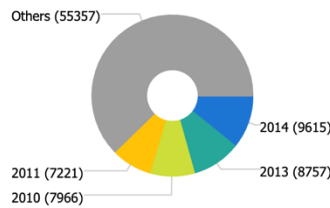
Isolation Country



Reference/Representative Genomes

Type	Genome Name
Reference	Enterovirus D Enterovirus 70
Reference	Enterovirus B
Reference	Rhinovirus B14
Reference	Enterovirus A
Reference	Enterovirus E VG-5-27
Reference	Enterovirus C Human poliovirus 1 Mahoney
Reference	Enterovirus H
Reference	Porcine enterovirus 9 UKG/410/73
Reference	Respiratory enterovirus M4

Collection Year



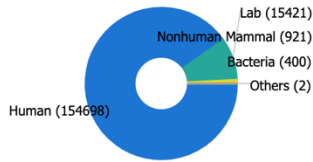
Hepatitis C virus:

Taxonomy Summary

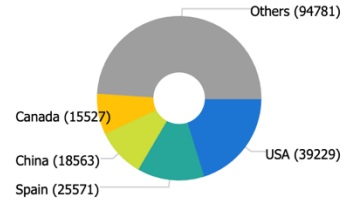
Taxon ID	11103
Taxon Name	Hepacivirus C
Taxon Rank	species
Genomes / Segments	259941
Protein Coding Genes (CDS)	323843
Mature Peptides	437329
3D Protein Structures (PDB)	421

Genomes By Metadata

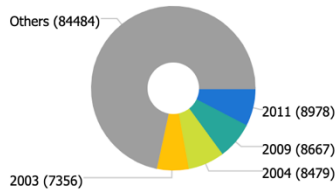
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Hepatitis C virus genotype 1
Reference	Hepatitis C virus genotype 2 HC-J6CH
Reference	Hepatitis C virus genotype 3
Reference	Hepatitis C virus genotype 4
Reference	Hepatitis C virus genotype 5 EUH1480
Reference	Hepatitis C virus genotype 6
Reference	Hepatitis C virus genotype 7
Reference	Hepatitis C virus (isolate H77)

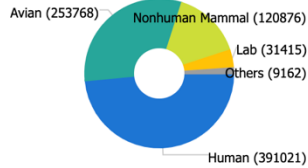
Influenza A virus:

Taxonomy Summary

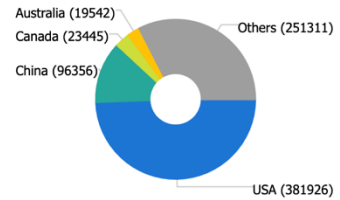
Taxon ID	11320
Taxon Name	Influenza A virus
Taxon Rank	species
Genomes / Segments	810384
Protein Coding Genes (CDS)	2173590
Mature Peptides	666979
3D Protein Structures (PDB)	962

Genomes By Metadata

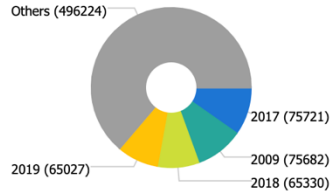
Host



Isolation Country



Collection Year



Reference/Representative Genomes

Type	Genome Name
Reference	Influenza A virus (A/Puerto Rico/8/1934(H1N1))
Reference	Influenza A virus (A/Puerto Rico/8/1934(H1N1))
Reference	Influenza A virus (A/Hong Kong/1073/99(H9N2))
Reference	Influenza A virus (A/Hong Kong/1073/99(H9N2))
Reference	Influenza A virus (A/goose/Guangdong/1/1996(H5N1))

Lassa Virus:



Taxon View

Viruses » Negarnaviricota » Ellioviricetes » Bunyvirales » Arenaviridae » Mammarenavirus » **Lassa mammaronavirus** ( 2328 Genomes )

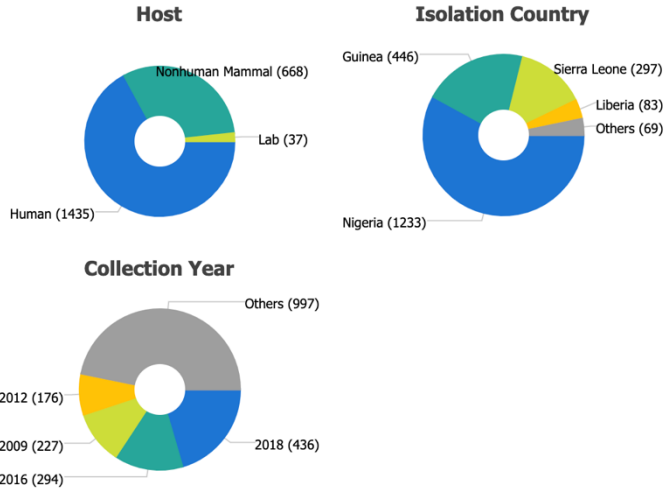
- Overview
- Taxonomy
- Strains
- Genomes
- Proteins
- Protein Structures
- Domains and Motifs
- Epitopes
- Experiments

Taxonomy Summary Genomes By Metadata

Taxon ID	11620
Taxon Name	Lassa mammaronavirus
Taxon Rank	species
Genomes / Segments	2328
Protein Coding Genes (CDS)	7292
Mature Peptides	796
3D Protein Structures (PDB)	43

Reference/Representative Genomes

Type	Genome Name
Reference	Lassa mammaronavirus Josiah
Reference	Lassa mammaronavirus Josiah



SARS-COV-2

Taxon View

Viruses » Pisuviricota » Pisoniviricetes » Nidovirales » Coronaviridae » Betacoronavirus » Severe acute respiratory syndrome-related coronavirus » **Severe acute res**

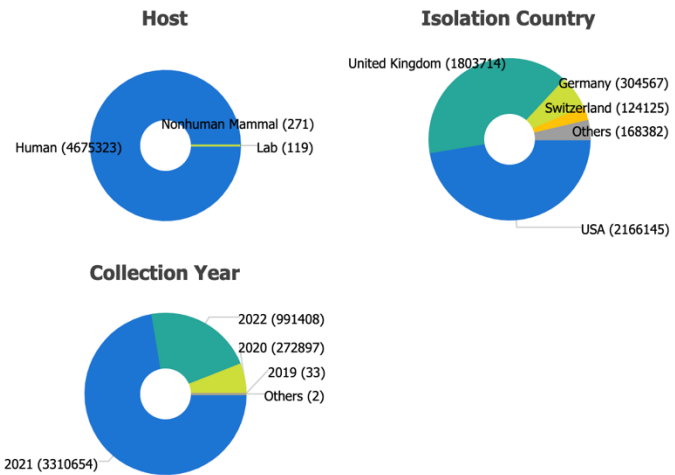
- Overview
- Taxonomy
- Genomes
- Proteins
- Protein Structures
- Domains and Motifs
- Epitopes
- Experiments

Taxonomy Summary Genomes By Metadata

Taxon ID	2697049
Taxon Name	Severe acute respiratory syndrome coronavirus 2
Taxon Rank	no rank
Genomes / Segments	4835457
Protein Coding Genes (CDS)	112323565
Mature Peptides	119965304
3D Protein Structures (PDB)	1414

Reference/Representative Genomes

Type	Genome Name
Reference	Severe acute respiratory syndrome coronavirus 2 Wuhan-Hu-1
Representative	Severe acute respiratory syndrome coronavirus 2 SARS-CoV-2/human/BEL/reg-20174/2021
Representative	Severe acute respiratory syndrome coronavirus 2 strain SARS-CoV-2/human/USA/VA-DCLS-3388/2021
Representative	Severe acute respiratory syndrome coronavirus 2 strain SARS-CoV-



Zika Virus:

Taxonomy Summary

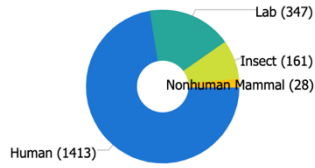
<b>Taxon ID</b>	64320
<b>Taxon Name</b>	Zika virus
<b>Taxon Rank</b>	species
<b>Genomes / Segments</b>	2217
<b>Protein Coding Genes (CDS)</b>	6524
<b>Mature Peptides</b>	27497
<b>3D Protein Structures (PDB)</b>	133

Genomes By Metadata

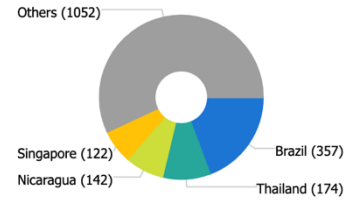
Reference/Representative Genomes

Type	Genome Name
Reference	Zika virus MR 766
Reference	Zika virus Natal RGN

Host



Isolation Country



Collection Year

