

Virion DB

Search

Berliner x Nature x Add search terms

Refine By

Baltimore Classification

Clear

☒ I - double stranded DNA

☐ II - single stranded DNA

☐ III - double stranded RNA

☐ IV - positive single stranded RNA

☐ V - negative single stranded RNA

☐ VI - pos. single stranded RNA, reverse transcribing

☐ VII - double stranded DNA, reverse transcribing

Genome Type

Strandedness

Sense

Capsid Morphology

Clear

☐ Helical

☐ Spherical

☒ Icosahedral

☐ Head-and-Tail

☒ Spindled

☐ Non-Canonical

Capsid Envelope

Taxonomy

Genome Shape

Host

Length

6 nt12 nt

Reset

Protein Number

Segment Number

Temperature

Virion Size

T number

425

Reset

Browse Results 27

Compare

Name

Open

Rhynchosia minima



Tomato yellow leaf curl Mal

Sporobolus striate mosaic vi

Myotis gammaherpesvirus 8

Stenotrophomonas phage p

Mycobacterium phage Adaw

Rhynchosia yellow mosaic virus, segment DNA-B

Human bocavirus 3

Staphylococcus phage SA1

Dengue virus 2 isolate DF707

Tomato yellow leaf curl China virus-Tb[Y8] DNA A

Tomato yellow leaf curl China virus-Tb[Y8] DNA B

Mycobacterium phage NeitzamV, complete genome.

Torque teno virus, isolate ttH14, complete genome.

Human papillomavirus type 11 complete genome, isolate A260.

Rhynchosia yellow mosaic India virus DNA-B, complete genome.

Aeromonas phage 44RR2.8t, complete genome.

Accession ID

Baltimore Group

Nucleic Acid Structure

Nucleic Acid Shape

Nucleic Acid Strandedness

Sense

FM212663.1

2

DNA

circular

single stranded

+/-

NC_018577.1

2

DNA

circular

single stranded

+/-

NC_029255.1

1

DNA

linear

double stranded

+/-

NC_021569.1

2

DNA

circular

single stranded

+

NC_022328.1

1

DNA

circular

double stranded

+/-

AM999982.1

2

DNA

circular

single stranded

+/-

NC_012564.1

2

DNA

linear

single stranded

+/-

NC_027991.1

1

DNA

linear

single stranded

+/-

FM210208.1

4

RNA

linear

single stranded

+

AJ319677.1

2

DNA

circular

single stranded

+/-

NC_028785.1

1

DNA

linear

double stranded

+/-

AJ620228.1

2

DNA

circular

single stranded

-

FN907958.1

1

DNA

circular

double stranded

+/-

NC_014903.1

2

DNA

circular

single stranded

+/-

NC_005135.1

1

DNA

linear

double stranded

+/-

Explore Viral Metadata

Baltimore Classification

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

BC

Genome Type

6% Amet10% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

GT

Strandedness

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

St

Sense

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

Se

Capsid Morphology

6% Amet10% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

CM

Capsid Envelope

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

CE

Taxonomy

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

Tx

Genome Shape

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

GS

Host

6% Amet15% Dolor Sit8% Lorem30% Lorem40% Dolor Sit

Hs

Length

Protein Number

Segment Number

Temperature

Virion Size

T number

AUTODESK

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More Bio Nano Tools

Virion DB

Record view

Single record



+

Name

Accession ID

Baltimore Group

Nucleic Acid Structure

Nucleic Acid Shape

Nucleic Acid Strandedness

Sense

Length

Protein Number

★

Sporobolus striate mosaic virus 1

NC_018577.1

2

DNA

circular

single stranded

+/-

2789

4

Capsid Morphology

●


●

●

●

●

Icosahedral



Capsid Envelope

Temperature

Order

Family

Subfamily

Genus

Host

Host Taxonomy

Non-enveloped

37


Unassigned

Geminiviridae

Mastrevirus

Sporobolus sp.

cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; Liliopsida; Petrosaviidae; commelinids; Poales; Poaceae; PACMAD clade; Chloridoideae; Zoysieae; Sporobolinae; Sporobolus



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Virion DB

Comparing 3

Virion DB

+

Remove

★

Name

Accession ID

Baltimore Group

Nucleic Acid Structure

Nucleic Acid Shape

Nucleic Acid Strandedness

Sense

Length

Protein Number

Sporobolus striate mosaic virus 1

NC_018577.1

2

DNA

circular

single stranded

+/-

2789

4

Capsid Morphology

Icosahedral



Remove

★

Name

Accession ID

Baltimore Group

Nucleic Acid Structure

Nucleic Acid Shape

Nucleic Acid Strandedness

Sense

Length

Protein Number

Human papillomavirus type 11 complete genome, isolate A260.

FN907958.1

1

DNA

circular

double stranded

+/-

7932

Icosahedral



Remove

★

Name

Accession ID

Baltimore Group

Nucleic Acid Structure

Nucleic Acid Shape

Nucleic Acid Strandedness

Sense

Length

Protein Number

Hollyhock leaf curl virus, complete genome, isolate [Pakistan:20-4:06] Faisalabad3.

FR772082.1

2

DNA

circular

single stranded

+/-

2748

Icosahedral



Capsid Envelope

Temperature

Order

Family

Subfamily

Genus

Host

Host Taxonomy

Non-enveloped

37

Unassigned

Geminiviridae

Mastrevirus

Sporobolus sp.

cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; Liliopsida; Petrosaviidae; commelini ds; Poales; Poaceae; PACMAD clade; Chloridoideae; Zoysieae; Sporobolina e; Sporobolus

Non-enveloped

37

Unassigned

Papillomaviridae

Alphapapillomavirus

Homo sapiens

cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Sarcopterygii; Dipnotetrapodomorpha; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Boreoeutheria; Euarchontoglires; Primates; Haplorrhini; Simiiformes; Catarrhini; Hominoidea; Hominidae; Homininae; Homo; sapiens

Non-enveloped

37

Unassigned

Geminiviridae

Begomovirus

Alcea rosea

cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; eudicotyledons; Gunneridae; Pentapetalae; rosids; malvids; Malvales; Malvaceae; Malvoideae; Alcea; rosea

AUTODESK

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