

Virion DB

Main page

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

Reset



Protein Number

Segment Number

Temperature

Virion Size

T number

Reset



Browse Results 27

Name Data

Compare

Name

Open

☐

Tomato yellow leaf curl Malv

☐

Sporobolus striate mosaic vi

☐

Myotis gammaherpesvirus 8

☒

Stenotrophomonas phage ph

☐

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

☐

Mycobacterium phage NelitzaMV, 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.

Rhynchosia minima



Accession ID

Genome Data

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



Genome Type



Strandedness



Sense



Capsid Morphology



Capsid Envelope



Taxonomy



Genome Shape



Host



Length



Protein Number



Segment Number



Temperature



Virion Size



T number

Record view

Single record



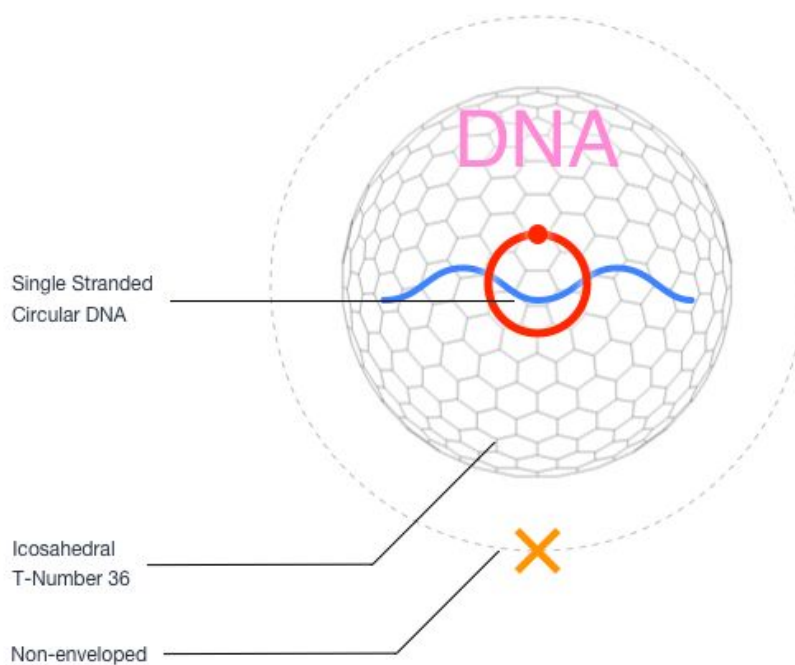
Name	Sporobolus striate mosaic virus 1
Accession ID	NC_018577.1
Baltimore Group	2
Nucleic Acid Structure	DNA
Nucleic Acid Shape	circular
Nucleic Acid Strandedness	single stranded
Sense	+/-
Length	2789
Protein Number	4
Capsid Morphology	Icosahedral
Capsid Envelope	Non-enveloped
Temperature	37
Order	Unassigned
Family	Geminiviridae
Subfamily	-
Genus	Mastrevirus

?

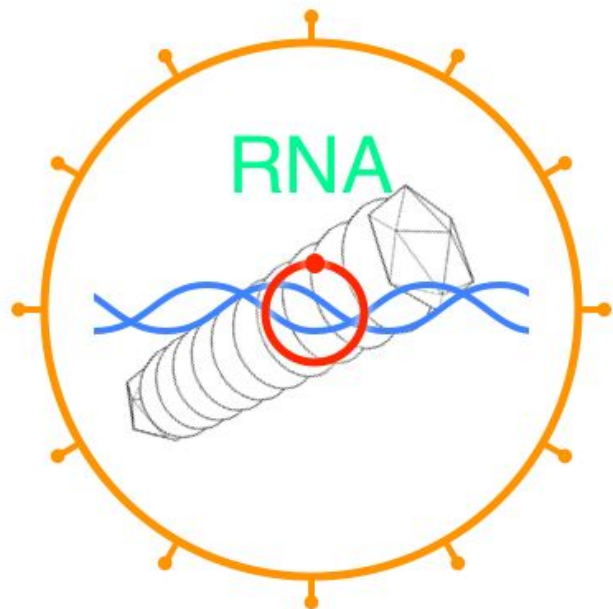
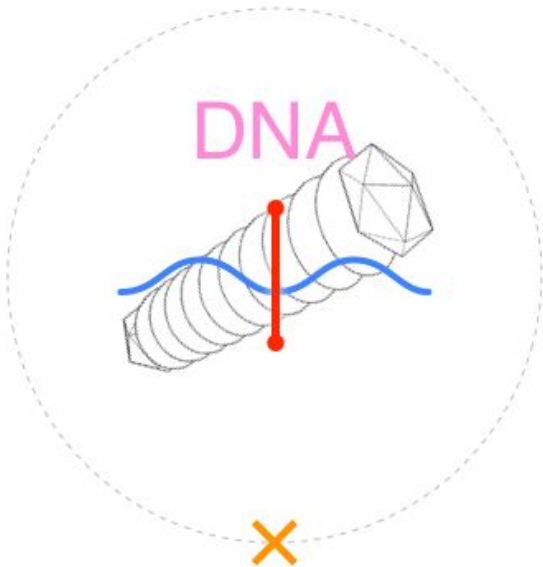
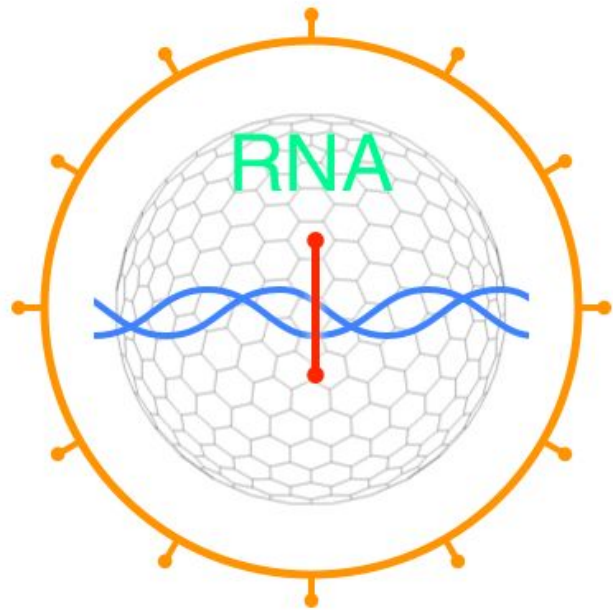
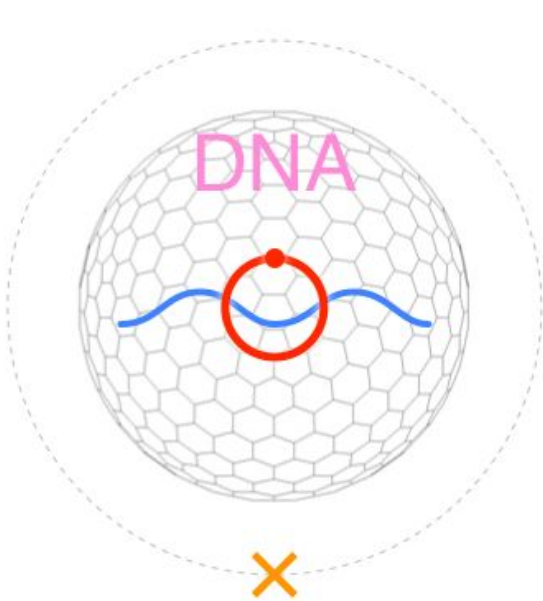
Image



X



Other combinations (not a complete exploration)



+

Name

Accession ID

★

Sporobolus striate mosaic virus 1

NC_018577.1

? Baltimore Group

Group II

×



Nucleic Acid Structure	DNA
Nucleic Acid Shape	circular
Nucleic Acid Strandedness	single stranded
Sense	+/-
Length	2789
Protein Number	4
Capsid Morphology	Icosahedral
Capsid Envelope	Non-enveloped
Temperature	37
Order	Unassigned
Family	Geminiviridae
Subfamily	-
Genus	Mastrevirus
Host	Sporobolus sp.
Host Taxonomy	cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; Liliopsida; Petrosaviidae; Commelinids; Poales; Poaceae; PACMAD clade; Chloridoideae; Zoysieae; Sporobolinae; Sporobolus

+	★
Name	Sporobolus striate mosaic virus 1
Accession ID	NC_018577.1
Baltimore Group	2
Nucleic Acid Structure	DNA
Nucleic Acid Shape	circular
Nucleic Acid Strandedness	single stranded
Sense	+/-
Length	2789
Protein Number	4

? Capsid Morphology Icosahedral



Capsid Envelope	Non-enveloped
Temperature	37
Order	Unassigned
Family	Geminiviridae
Subfamily	
Genus	Mastrevirus
Host	Sporobolus sp.
Host Taxonomy	cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; Liliopsida; Petrosaviidae; commelinids; Poales; Poaceae; PACMAD clade; Chloridoideae; Zoysieae; Sporobolinae; Sporobolus

+	★
Name	Sporobolus striate mosaic virus 1
Accession ID	NC_018577.1
Baltimore Group	2
Nucleic Acid Structure	DNA
Nucleic Acid Shape	circular
Nucleic Acid Strandedness	single stranded
Sense	+/-
Length	2789
Protein Number	4
Capsid Morphology	Icosahedral
Capsid Envelope	Non-enveloped
Temperature	37
Order	Unassigned
Family	Geminiviridae
Subfamily	-
Genus	Mastrevirus

?

Host Taxonomy





Remove



Name Sporobolus striate mosaic virus 1
Accession ID NC_018577.1
Baltimore Group 2
Nucleic Acid Structure DNA
Nucleic Acid Shape circular
Nucleic Acid Strandedness single stranded
Sense +/-
Length 2789
Protein Number 4

Capsid Morphology



Icosahedral

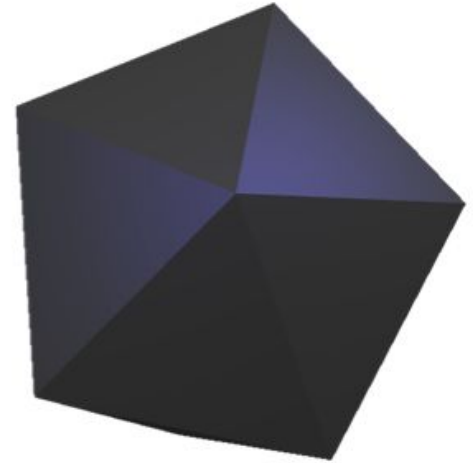


Remove



Human papillomavirus type 11 complete genome, isolate A260.
FN907958.1
1
DNA
circular
double stranded
+/-
7932
N

Icosahedral



Capsid Envelope Non-enveloped
Temperature 37
Order Unassigned
Family Geminiviridae
Subfamily
Genus Mastrevirus
Host Sporobolus sp.

Host Taxonomy cellular organisms; Eukaryota;
Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheo-
phyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangios-
permae; Liliopsida; Petrosaviidae; commelinids; Poales;
Poaceae; PACMAD
clade; Chloridoideae; Zoysieae; Sporobolinae; 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

	Remove	Remove	Remove
Name	Sporobolus striate mosaic virus 1	Human papillomavirus type 11 complete genome, isolate A260.	Hollyhock leaf curl virus, complete genome, isolate [Pakistan:20-4:06] Faisalabad3.
Accession ID	NC_018577.1	FN907958.1	FR772082.1
Baltimore Group	2	1	2
Nucleic Acid Structure	DNA	DNA	DNA
Nucleic Acid Shape	circular	circular	circular
Nucleic Acid Strandedness	single stranded	double stranded	single stranded
Sense	+/-	+/-	+/-
Length	2789	7932	2748
Protein Number	4		

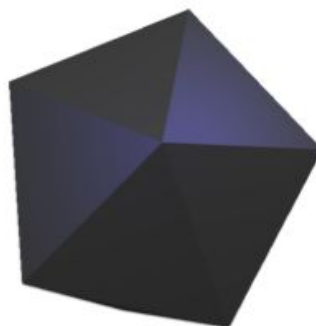
Capsid Morphology



Icosahedral



Icosahedral



Icosahedral



Capsid Envelope	Non-enveloped	Non-enveloped	Non-enveloped
Temperature	37	37	37
Order	Unassigned	Unassigned	Unassigned
Family	Geminiviridae	Papillomaviridae	Geminiviridae
Subfamily			
Genus	Mastrevirus	Alphapapillomavirus	Begomovirus
Host	Sporobolus sp.	Homo sapiens	
Host Taxonomy	cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; Liliopsida; Petrosaviidae; commelinids; Poales; Poaceae; PACMAD clade; Chloridoideae; Zoysieae; Sporobolinae; Sporobolus	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	Alcea rosea cellular organisms; Eukaryota; Viridiplantae; Streptophyta; Streptophytina; Embryophyta; Tracheophyta; Euphyllophyta; Spermatophyta; Magnoliophyta; Mesangiospermae; eudicotyledons; Gunneridae; Pentapetalae; rosids; malvids; Malvales; Malvaceae; Malvoideae; Alcea; rosea