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**ICTVdB Index of Viruses**

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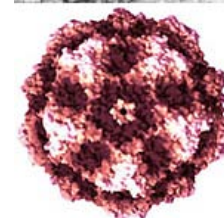
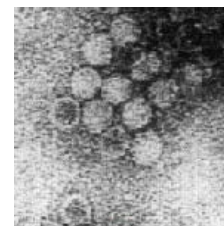
Nature of Genome:
General Host Type:
Morphology:

ssDNA
Vertebrates, Invertebrates
not enveloped, isometric

Family 00.050. ***Parvoviridae***

Taxonomic Structure of the Family

Family 00.050. ***Parvoviridae***
Subfamily 00.050.1. ***Parvovirinae***
Genus 00.050.1.01. ***Parvovirus***
Genus 00.050.1.02. ***Erythrovirus***
Genus 00.050.1.03. ***Dependovirus***
Genus 00.050.1.04. ***Amdovirus***
Genus 00.050.1.05. ***Bocavirus***
Subfamily 00.050.2. ***Densovirinae***
Genus 00.050.2.01. ***Densovirus***
Genus 00.050.2.02. ***Iteravirus***
Genus 00.050.2.03. ***Brevidentsovirus***
Genus 00.050.2.04. ***Pefudentsovirus***
00.050.2.00. ***Unassigned Species in the Subfamily***



Subfamily 00.050.1. ***Parvovirinae***

Genus 00.050.1.01. ***Parvovirus***

Type Species 00.050.1.01.001. ***Minute virus of mice***

List of Species Demarcation Criteria in the Genus

Members of each species are antigenically distinct, as assessed by neutralization using polyclonal antisera, and natural infection is usually confined to a single host species. Generally, species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

The [ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), *isolates*, *strains*, *serotypes*, *subspecies*, or *rejected names* are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.1.01.006.	<i>Chicken parvovirus</i>		
00.050.1.01.006.00.001.	<i>Chicken parvovirus</i>		(ChPV)
00.050.1.01.007.	<i>Feline panleukopenia virus</i>		
00.050.1.01.007.00.005.	<i>Canine parvovirus</i>	[M19296]	(CPV)
00.050.1.01.007.00.007.	<i>Feline panleukopenia virus</i>	[M75728]	(FPV)
00.050.1.01.007.00.015.	<i>Mink enteritis virus</i>	[D00765]	(MEV)
00.050.1.01.007.00.018.	<i>Raccoon parvovirus</i>	[M24005]	(RPV)
00.050.1.01.010.	<i>HB parvovirus</i>		
00.050.1.01.010.00.001.	<i>HB parvovirus</i>		(HBPV)
00.050.1.01.011.	<i>H-1 parvovirus</i>		
00.050.1.01.011.00.001.	<i>H-1 parvovirus</i>	[X01457]	(H-1PV)
00.050.1.01.012.	<i>Kilham rat virus</i>		
00.050.1.01.012.00.002.	<i>H-3 virus</i>		
00.050.1.01.012.00.001.	<i>Kilham rat virus</i>	[AF321230]	(KRV)
00.050.1.01.012.00.001.	<i>(Rat virus)</i>	[AF321230]	(KRV)

00.050.1.01.013.	<i>Lapine parvovirus</i>		
00.050.1.01.013.00.001.	Lapine parvovirus		(LPV)
00.050.1.01.014.	<i>LullII virus</i>		
00.050.1.01.014.00.001.	LullII virus	[M81888]	(LuIIIV)
00.050.1.01.016.	<i>Minute virus of mice</i>		
00.050.1.01.016.00.003.	Minute virus of mice (Cutter)	[U34256]	(MVMc)
00.050.1.01.016.00.003.	(Mice minute virus)	[U34256]	
00.050.1.01.016.00.002.	Minute virus of mice (immunosuppressive)	[M12032]	(MVMi)
00.050.1.01.016.00.001.	Minute virus of mice (prototype)	[J02275]	(MVMp)
00.050.1.01.021.	<i>Mouse parvovirus 1</i>		
00.050.1.01.021.00.001.	Mouse parvovirus 1	[U12469]	(MPV-1)
00.050.1.01.017.	<i>Porcine parvovirus</i>		
00.050.1.01.017.00.001.	Porcine parvovirus Kresse	[U44978]	(PPV-Kr)
00.050.1.01.017.00.002.	Porcine parvovirus NADL-2	[L23427]	(PPV-NADL2)
00.050.1.01.019.	<i>RT parvovirus</i>		
00.050.1.01.019.00.001.	RT parvovirus		(RTPV)
00.050.1.01.020.	<i>Tumor virus X</i>		
00.050.1.01.020.00.001.	Tumor virus X		(TVX)

Tentative Species in the Genus

00.050.1.81.026.	Hamster parvovirus		
00.050.1.81.026.00.001.	Hamster parvovirus	[U34255]	(HaPV)
00.050.1.81.028.	Rat minute virus 1		
00.050.1.81.028.00.001.	Rat minute virus 1	[AF332882]	(RMV-1)
00.050.1.81.027.	Rat parvovirus 1		
00.050.1.81.027.00.001.	Rat parvovirus 1	[AF036710]	(RPV-1)
00.050.1.81.023.	Rheumatoid arthritis virus		

Genus 00.050.1.02. *Erythrovirus*

Type Species 00.050.1.02.001. *Human parvovirus B19*

List of Species Demarcation Criteria in the Genus

Members of each species are probably antigenically distinct, and natural infection is confined to a single host species. Species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), isolates, strains, serotypes, subspecies, or **rejected names** are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.1.02.001.	<i>Human parvovirus B19</i>		
00.050.1.02.001.00.001.	Human parvovirus B19 - A6	[AY064475]	(B19V-A6)
00.050.1.02.001.00.001.	Human parvovirus B19 - A6	[AY064476]	
00.050.1.02.001.00.002.	Human parvovirus B19 - Au	[M13178]	(B19V-Au)
00.050.1.02.001.00.003.	Human parvovirus B19 - LaLi	[AY044266]	(B19V-LaLi)
00.050.1.02.001.00.004.	Human parvovirus B19 - V9	[AJ223617]	(B19V-V9)
00.050.1.02.001.00.004.	Human parvovirus B19 - V9	[AJ242810]	
00.050.1.02.001.00.005.	Human parvovirus B19 - Wi	[M24682]	(B19V-Wi)
00.050.1.02.004.	<i>Pig-tailed macaque parvovirus</i>		
00.050.1.02.004.00.001.	Pig-tailed macaque parvovirus	[AF221123]	(PMPV)
00.050.1.02.005.	<i>Rhesus macaque parvovirus</i>		
00.050.1.02.005.00.001.	Rhesus macaque parvovirus	[AF221122]	(RmPV)
00.050.1.02.002.	<i>Simian parvovirus</i>		
00.050.1.02.002.00.001.	Simian parvovirus (cynomolgus)	[U26342]	(SPV)

Tentative Species in the Genus

00.050.1.82.006.	Bovine parvovirus type 3		
00.050.1.82.006.00.001.	Bovine parvovirus type 3	[AF406967]	(BPV-3)
00.050.1.82.003.	Chipmunk parvovirus		
00.050.1.82.003.00.001.	Chipmunk parvovirus	[U86868]	(ChpPV)

Genus 00.050.1.03. *Dependovirus*

Type Species 00.050.1.03.001. *Adeno-associated virus - 2*

List of Species Demarcation Criteria in the Genus

Members of each species are antigenically distinct, as assessed by neutralization using polyclonal antisera, and natural infection is usually confined to a single host species. Generally, species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

The ICTVdB virus code and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), isolates, strains, serotypes, subspecies, or rejected names are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.1.03.002.	<i>Adeno-associated virus - 1</i>		
00.050.1.03.002.00.001.	Adeno-associated virus - 1	[AF063497]	(AAV-1)
00.050.1.03.002.00.006.	Adeno-associated virus - 6	[AF208704]	(AAV-6)
00.050.1.03.003.	<i>Adeno-associated virus - 2</i>		
00.050.1.03.003.00.001.	Adeno-associated virus - 2	[J01901]	(AAV-2)
00.050.1.03.004.	<i>Adeno-associated virus - 3</i>		
00.050.1.03.004.00.001.	Adeno-associated virus - 3	[AF028705]	(AAV-3)
00.050.1.03.005.	<i>Adeno-associated virus - 4</i>		
00.050.1.03.005.00.001.	Adeno-associated virus - 4	[U89790]	(AAV-4)
00.050.1.03.006.	<i>Adeno-associated virus - 5</i>		
00.050.1.03.006.00.001.	Adeno-associated virus - 5	[AF085716]	(AAV-5)
00.050.1.03.007.	<i>Avian adeno-associated virus</i>		
00.050.1.03.007.00.001.	Avian adeno-associated virus	[AY186198]	(AAAV)
00.050.1.03.008.	<i>Bovine adeno-associated virus</i>		
00.050.1.03.008.00.001.	Bovine adeno-associated virus		(BAAV)
00.050.1.03.009.	<i>Canine adeno-associated virus</i>		
00.050.1.03.009.00.001.	Canine adeno-associated virus		(CAAV)
00.050.1.03.014.	<i>Duck parvovirus</i>		
00.050.1.03.014.00.001.	Barbarie duck parvovirus	[U22967]	(BDPV)
00.050.1.03.014.00.022.	Muscovy duck parvovirus	[X75093]	(MDPV)
00.050.1.03.010.	<i>Equine adeno-associated virus</i>		
00.050.1.03.010.00.001.	Equine adeno-associated virus		(EAAV)
00.050.1.03.013.	<i>Goose parvovirus</i>		
00.050.1.03.013.00.001.	Goose parvovirus	[U25749]	(GPV)
00.050.1.03.011.	<i>Ovine adeno-associated virus</i>		
00.050.1.03.011.00.001.	Ovine adeno-associated virus		(OAAV)

Tentative Species in the Genus

00.050.1.83.014.	Adeno-associated virus 7		
00.050.1.83.014.00.001.	Adeno-associated virus - 7	[AF513851]	(AAV-7)
00.050.1.83.014.	(Adeno-associated virus-7)		
00.050.1.83.015.	Adeno-associated virus 8		
00.050.1.83.015.00.001.	Adeno-associated virus - 8	[AF513852]	(AAV-8)
00.050.1.83.015.	(Adeno-associated virus-8)		
00.050.1.83.016.	Bovine parvovirus 2		
00.050.1.83.016.00.001.	Bovine parvovirus - 2	[AF406966]	(BPV-2)
00.050.1.83.016.	(Bovine parvovirus-2)		

Genus 00.050.1.04. *Amdovirus*

Type Species 00.050.1.04.001. *Aleutian mink disease virus*

List of Species Demarcation Criteria in the Genus

Not applicable.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), [isolates](#), [strains](#), [serotypes](#), [subspecies](#), or [rejected names](#) are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.1.04.001.	<i>Aleutian mink disease virus</i>		
00.050.1.04.001.00.001.	Aleutian mink disease virus	[M20036]	(AMDV)
00.050.1.04.001.	(<i>Aleutian disease virus</i>)		

Tentative Species in the Genus

None reported.

Genus 00.050.1.05. [Bocavirus](#)

Type Species 00.050.1.05.001. *Bovine parvovirus*

List of Species Demarcation Criteria in the Genus

Members of each species are probably antigenically distinct and natural infection is confined to a single host species. Species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), [isolates](#), [strains](#), [serotypes](#), [subspecies](#), or [rejected names](#) are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.1.05.001.	<i>Bovine parvovirus</i>		
00.050.1.05.001.00.001.	Bovine parvovirus	[M14363]	(BPV)
00.050.1.05.002.	<i>Canine minute virus</i>		
00.050.1.05.002.00.001.	Canine minute virus	[AF495467]	(CnMV)

Tentative Species in the Genus

None reported.

Subfamily 00.050.2. [Densovirinae](#)

Genus 00.050.2.01. [Densovirus](#)

Type Species 00.050.2.01.001. *Junonia coenia densovirus*

List of Species Demarcation Criteria in the Genus

Members of each species are probably antigenically distinct, and natural infection is confined to a single host species. Species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), [isolates](#), [strains](#), [serotypes](#), [subspecies](#), or [rejected names](#) are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.2.01.002.	<i>Galleria mellonella densovirus</i>		
00.050.2.01.002.00.001.	<i>Galleria mellonella densovirus</i>	[L32896]	(GmDENV)
00.050.2.01.001.	<i>Junonia coenia densovirus</i>		
00.050.2.01.001.00.001.	<i>Junonia coenia densovirus</i>	[S17265]	(JcDENV)

Tentative Species in the Genus

00.050.2.81.008.	<i>Diatraea saccharalis densovirus</i>		
00.050.2.81.008.00.001.	<i>Diatraea saccharalis densovirus</i>	[AF036333]	(DsDENV)
00.050.2.81.006.	<i>Mythimna loreyi densovirus</i>		
00.050.2.81.006.00.001.	<i>Mythimna loreyi densovirus</i>	[AY461507]	(MIDENV)
00.050.2.81.007.	<i>Pseudoplusia includens densovirus</i>		
00.050.2.81.007.00.001.	<i>Pseudoplusia includens densovirus</i>		(PiDENV)
00.050.2.81.009.	<i>Toxorhynchites splendens densovirus</i>		
00.050.2.81.009.00.001.	<i>Toxorhynchites splendens densovirus</i>	[AF395903]	(TsDENV)

Genus 00.050.2.02. *Iteravirus*

Type Species 00.050.2.02.001. *Bombyx mori densovirus*

List of Species Demarcation Criteria in the Genus

Members of each species are probably antigenically distinct, and natural infection is confined to a single host species. Species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), *isolates*, *strains*, *serotypes*, *subspecies*, or *rejected names* are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.2.02.001.	<i>Bombyx mori densovirus</i>		
00.050.2.02.001.00.001.	<i>Bombyx mori densovirus</i>	[AY033435]	(BmDENV)

Tentative Species in the Genus

00.050.2.82.004.	<i>Casphalia extranea densovirus</i>		
00.050.2.82.004.00.001.	<i>Casphalia extranea densovirus</i>	[AF375296]	(CeDENV)
00.050.2.82.005.	<i>Sibine fusca densovirus</i>		
00.050.2.82.005.00.001.	<i>Sibine fusca densovirus</i>		(SfDENV)

Genus 00.050.2.03. *Brevidensovirus*

Type Species 00.050.2.03.001. *Aedes aegypti densovirus*

List of Species Demarcation Criteria in the Genus

Members of each species are probably antigenically distinct, and natural infection is confined to a single host species. Species are <95% related by non-structural gene DNA sequence.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), *isolates*, *strains*, *serotypes*, *subspecies*, or *rejected names* are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.2.03.001.	<i>Aedes aegypti densovirus</i>		
00.050.2.03.001.00.001.	<i>Aedes aegypti densovirus</i>	[AY160976]	(AaeDENV)
00.050.2.03.002.	<i>Aedes albopictus densovirus</i>		
00.050.2.03.002.00.001.	<i>Aedes albopictus densovirus</i>	[AY095351]	(AalDENV)

Tentative Species in the Genus

00.050.2.83.015.	<i>Aedes pseudoscutellaris</i> densovirus		
00.050.2.83.015.00.001.	<i>Aedes pseudoscutellaris</i> densovirus	[AF273215]	(ApDENV)
00.050.2.83.003.	<i>Agraulis vanillae</i> densovirus		
00.050.2.83.008.	<i>Lymantria dubia</i> densovirus		
00.050.2.83.019.	<i>Penaeus stylirostris</i> densovirus		
00.050.2.83.019.00.001.	<i>Penaeus stylirostris</i> densovirus	[AF273215]	(PstDENV)
00.050.2.83.011.	<i>Pseudaletia includens</i> densovirus		
00.050.2.83.012.	<i>Sibine fusca</i> densovirus		
00.050.2.83.013.	<i>Simulium vittatum</i> densovirus		
00.050.2.83.013.00.001.	<i>Simulium vittatum</i> densovirus		(SvDENV)

Genus 00.050.2.04. *Pefudensovirus*

Type Species 00.050.2.04.001. *Periplaneta fuliginosa* densovirus

List of Species Demarcation Criteria in the Genus

Not applicable.

List of Species in the Genus

[The ICTVdB virus code](#) and the viruses. Official virus *species names* are in italics. Tentative virus species names, alternative names (), isolates, strains, serotypes, subspecies, or rejected names are not italicized.

Virus codes, virus names, genome sequence accession numbers [] and assigned abbreviations (), are:

Species, their serotypes, strains and isolates

00.050.2.04.001.	<i>Periplaneta fuliginosa</i> densovirus		
00.050.2.04.001.00.001.	<i>Periplaneta fuliginosa</i> densovirus	[AF192260]	(PfDENV)

Tentative Species in the Genus

None reported.

Unassigned Species in the Subfamily

00.050.2.00.014.	<i>Acheta domestica</i> densovirus		
00.050.2.00.014.00.001.	<i>Acheta domesticus</i> densovirus	[AX344110]	(AdDENV)
00.050.2.00.015.	<i>Blattella germanica</i> densovirus		
00.050.2.00.015.00.001.	<i>Blattella germanica</i> densovirus	[AY189948]	(BgDENV)
00.050.2.00.008.	<i>Culex pipiens</i> densovirus		
00.050.2.00.008.00.001.	<i>Culex pipiens</i> densovirus		(CpDENV)
00.050.2.00.016.	<i>Euxoa auxiliaris</i> densovirus		
00.050.2.00.016.00.001.	<i>Euxoa auxiliaris</i> densovirus		(EaDENV)
00.050.2.00.001.	Hepatopancreatic parvo-like virus of shrimps		
00.050.2.00.017.	<i>Leucorrhinia dubia</i> densovirus		
00.050.2.00.017.00.001.	<i>Leucorrhinia dubia</i> densovirus		(LduDENV)
00.050.2.00.018.	<i>Lymantria dispar</i> densovirus		
00.050.2.00.018.00.001.	<i>Lymantria dispar</i> densovirus		(LdiDENV)
00.050.2.00.003.	<i>Myzus persicae</i> densovirus		
00.050.2.00.003.00.001.	<i>Myzus persicae</i> densovirus	[AY148187]	(MpDENV)
00.050.2.00.002.	Parvo-like virus of crabs		
00.050.2.00.019.	<i>Pieris rapae</i> densovirus		
00.050.2.00.019.00.001.	<i>Pieris rapae</i> densovirus		(PrDENV)
00.050.2.00.004.	<i>Planococcus citri</i> densovirus		
00.050.2.00.004.00.001.	<i>Planococcus citri</i> densovirus	[AY032882]	(PcDENV)

List of Unassigned Viruses in the Family

None reported.

Similarity with other Taxa

None reported.

Derivation of Names

Amdo: sigla from Aleutian Mink Disease. *Boca*: sigla from *Bovine* and *Canine Brevi*: from Latin *brevis*, "short". *Denso*: from Latin *densus*, "thick, compact". *Dependo*: from Latin *dependeo*, "to hang down". *Erythro*: from Greek *erythros*, "red". *Itera*: from Latin *iterum*, "again", "repeat". *Parvo*: from Latin *parvus*, "small". *Pefu*: sigla from *Periplaneta fuliginosa* densovirus, type species of the *Pefudensovirus* genus.

References

[Collated from VIIIth ICTV Report](#)

Contributed by

Tattersall, P., Bergoin, M., Bloom, M.E., Brown, K.E., Linden, R.M., Muzyczka, N., Parrish, C.R. and Tijssen, P.

Additional References

[Reference List](#) from the [8th ICTV Report](#)
[ICTVdB taxon description](#)
[ICTVdB Picture Gallery](#)

References to sequence databases at GenBank and PubMed Central:
[PubMed Central References](#); [nucleotide sequences](#); [complete genomes](#)

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Last Modified 08-07-2008 by [Cornelia Büchen-Osmond](#)

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