



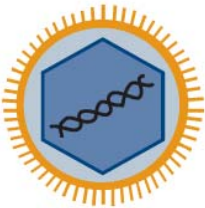
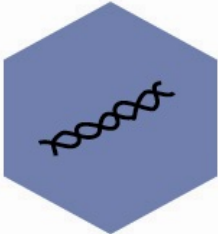


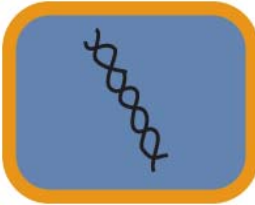








## Selected\* Viral Families, Viruses and Species Affected

| E: Enveloped<br>NE: Nonenveloped |   | Virus Family<br>(relative size)<br>SS = single stranded<br>DS = double stranded   | Foreign Animal<br>Disease (for US) | Zoonotic (Z) | Virus (Disease)   | Humans Affected | Animal<br>Species<br>Affected |     |
|----------------------------------|---|---|------------------------------------|--------------|---|-----------------|-------------------------------|-----|
| <b>DNA Virus Families</b>        |   |   |                                    |              |   |                 |                               |     |
| D<br>N<br>A                      | NE  | Adenoviridae<br><br>80 – 100 nm<br>DS linear         |                                    |              | Bovine adenoviruses A, B, C   |                 | B                             |     |
|                                  |   |   |                                    |              | Canine adenovirus (infectious canine hepatitis)                       |                 | C                             |     |
|                                  |   |   |                                    |              | Caprine adenovirus  |                 | Cp                            |     |
|                                  |   |   |                                    |              | Equine adenoviruses A, B  |                 | Eq                            |     |
|                                  |   |   |                                    |              | Fowl adenoviruses A – E   |                 | A                             |     |
|                                  |   |   |                                    |              | Human adenoviruses A – F (respiratory and/or ocular disease)          |                 | H                             | NHP |
|                                  |   |   |                                    |              | Ovine adenoviruses A, B, C  |                 | O                             |     |
|                                  |   |   |                                    |              | Porcine adenoviruses A, B, C  |                 | P                             |     |
| D<br>N<br>A                      | E   | Asfarviridae<br><br>175 – 215 nm<br>DS linear        | Φ                                  |              | African swine fever   |                 | P                             |     |
| D<br>N<br>A                      | NE  | Circoviridae<br><br>17 – 22 nm<br>SS circular       |                                    |              | Chicken anemia virus  |                 | A                             |     |
|                                  |   |   |                                    |              | Porcine circovirus  |                 | P                             |     |
|                                  |   |   |                                    |              | Psittacine beak and feather disease virus                             |                 | A                             |     |
| D<br>N<br>A                      | E   | Hepadnaviridae<br><br>42 nm<br>partial DS circular |                                    | Z            | Hepatitis B virus   |                 | H                             | NHP |
| D<br>N<br>A                      | E   | Herpesviridae<br><br>150 - 200 nm<br>DS linear     | Φ                                  |              | Alcelaphine herpesvirus-1 (malignant catarrhal fever)                 |                 | B, Cv                         |     |
|                                  |   |   |                                    |              | Avian herpesvirus 1 (infectious laryngotracheitis)                    |                 | A                             |     |
|                                  |   |   |                                    |              | Bovine herpesvirus 1 (infectious bovine rhinotracheitis)              |                 | B                             |     |
|                                  |   |   |                                    |              | Bovine herpesvirus 2 (pseudo-lumpy skin disease, bovine mammillitis)  |                 | B                             |     |
|                                  |   |   |                                    |              | Bovine herpesvirus 3/ bovine cytomegalovirus                          |                 | B                             |     |
|                                  |   |   |                                    |              | Canine herpesvirus 1, 2 (hemorrhagic disease of pups)                 |                 | C                             |     |
|                                  |   |   |                                    |              | Caprine herpesviruses 1, 2  |                 | Cp                            |     |
|                                  |   |   |                                    |              | Equine herpesvirus 1 (equine viral rhinopneumonitis; equine abortion) |                 | Eq                            |     |
|                                  |   |   |                                    |              | Equine herpesvirus 2  |                 | Eq                            |     |
|                                  |   |   |                                    |              | Equine herpesvirus 3 (equine coital exanthema)                        |                 | Eq                            |     |
|                                  |   |   |                                    |              | Equine herpesvirus 4 (equine viral rhinopneumonitis)                  |                 | Eq                            |     |
|                                  |   |   |                                    |              | Feline viral rhinotracheitis virus                                    |                 | F                             |     |
|                                  |   |   |                                    |              | Human herpes simplex virus 1  |                 | H                             | NHP |
|                                  |   |   |                                    |              | Human herpes simplex virus 2  |                 | H                             |     |
|                                  | Human herpesvirus 3/ varicella-zoster virus (chicken pox, shingles) |   | H                                  |              |   |                 |                               |     |
|                                  | Human herpesvirus 4/ Epstein Barr virus                             |   | H                                  |              |   |                 |                               |     |
|                                  | Human herpesvirus 5/ human cytomegalovirus                          |   | H                                  |              |   |                 |                               |     |
|                                  | Human herpesviruses 6, 7 (roseola infantum)                         |   | H                                  |              |   |                 |                               |     |

## Selected\* Viral Families, Viruses and Species Affected





|     |    | <b>Virus Family</b><br>(relative size)<br>SS = single stranded<br>DS = double stranded   | <b>Foreign Animal Disease (for US)</b> | <b>Zoonotic (Z)</b>                     | <b>Virus (Disease)</b>   | <b>Humans Affected</b>                | <b>Animal Species Affected</b> |                  |
|-----|----|--|--|---|--|---------------------------------------|--------------------------------|------------------|
|     |    | Herpesviridae<br>(continued)   |  |   | Ictalurid herpesvirus 1 (channel catfish virus disease)                          |                                       | Fish                           |                  |
|     |    |  |  |   | Koi herpesvirus disease  |                                       | Fish                           |                  |
|     |    |  |  |   | Marek's disease virus  |                                       | A                              |                  |
|     |    |  |  | Φ                                       | <b>Oncorhynchus masou virus disease (or salmonid herpesvirus type 2 disease)</b> |                                       | <b>Fish</b>                    |                  |
|     |    |  |  |   | Ovine herpesvirus-1  |                                       | O                              |                  |
|     |    |  |  |   | Ovine herpesvirus-2 (malignant catarrhal fever)                                  |                                       | B, Cp, Cv, O, P                |                  |
|     |    |  |  |   | Porcine herpesvirus 2/ porcine cytomegalovirus                                   |                                       | P                              |                  |
|     |    |  |  | Pseudorabies virus (Aujeszky's disease) |  | B, C, Cp, F, O, P                     |                                |                  |
| DNA | NE | Iridoviridae<br><br>125 – 300 nm<br>DS linear       | Φ                                      |   | <b>Epizootic haematopoietic necrosis (EHN)</b>                                   |                                       | <b>Fish</b>                    |                  |
|     |    |  |  |   | Largemouth bass disease  |                                       | Fish                           |                  |
| DNA | NE | Papovaviridae<br><br>45 - 55 nm<br>DS circular     |  |   | Bovine papillomavirus  |                                       | B                              |                  |
|     |    |  |  |   | Equine papillomavirus  |                                       | Eq                             |                  |
|     |    |  |  |   | Human papillomavirus   |                                       | H                              |                  |
| DNA | NE | Parvoviridae<br><br>18 - 26 nm<br>SS linear       |  |   | Adeno-associated viruses 1-6   |                                       | H                              |                  |
|     |    |  |  |   | B19 virus  |                                       | H                              |                  |
|     |    |  |  |   | Canine minute virus/ canine parvovirus 1   |                                       | C                              |                  |
|     |    |  |  |   | Canine parvovirus 2 ("parvo")  |                                       | C                              |                  |
|     |    |  |  |   | Feline panleukopenia virus (Feline parvovirus)                                   |                                       | F                              |                  |
|     |    |  |  |   | Porcine parvovirus   |                                       | P                              |                  |
| DNA | E  | Poxviridae<br><br>250 X 200 X 200 nm<br>DS linear |  | Z                                       | Bovine papular stomatitis virus  |                                       | H B                            |                  |
|     |    |  |  | Z                                       | Contagious ecthyma/contagious pustular dermatitis/orf virus                      |                                       | H C, Cp, Cv                    |                  |
|     |    |  |  | Φ                                       | Z  | <b>Cowpox virus</b>                   |                                | <b>H B, F, R</b> |
|     |    |  |  |   |  | Feline pox virus                      |                                | F                |
|     |    |  |  |   |  | Fowlpox virus                         |                                | A                |
|     |    |  |  | Φ                                       |  | <b>Lumpy skin disease virus</b>       |                                | <b>B, Bf</b>     |
|     |    |  |  | Φ                                       | Z  | <b>Monkeypox virus</b>                |                                | <b>H NHP, R</b>  |
|     |    |  |  |   | Z  | Pseudocowpox virus (milker's nodules) |                                | H B              |
|     |    |  |  | Φ                                       |  | <b>Sheep and goat pox viruses</b>     |                                | <b>Cp, O</b>     |
|     |    |  |  |   |  | Smallpox virus (Variola)              |                                | H                |
|     |    |  |  |   |  | Swinepox virus                        |                                | P                |
|     |    |  | Z                                      | Vaccinia virus                          |  | H B, L, P                             |                                |                  |

**Selected\* Viral Families, Viruses and Species Affected**


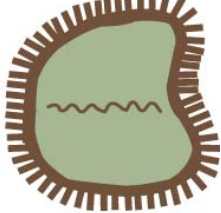


|                           |    | <b>Virus Family</b><br>(relative size)<br>SS = single stranded<br>DS = double stranded  | <b>Foreign Animal Disease (for US)</b> | <b>Zoonotic (Z)</b> | <b>Virus (Disease)</b>   | <b>Humans Affected</b>   | <b>Animal Species Affected</b> |              |
|---------------------------|----|---|--|---------------------|--|--|--------------------------------|--------------|
| <b>RNA Virus Families</b> |    |   |  |                     |  |  |                                |              |
| RNA                       | E  | <b>Arenaviridae</b><br><br>110 - 300 nm<br>SS linear segments  | Φ                                      | Z                   | <b>Lassa virus</b>   | H  | NHP, R                         |              |
|                           |    |   |  |                     | Z  | Lymphocytic choriomeningitis virus                                 | H                              | C, NHP, P, R |
|                           |    |   | Φ                                      | Z                   | <b>Machupo virus (Bolivian hemorrhagic fever)</b>                        | H  | NHP, R                         |              |
| RNA                       | E  | <b>Arteriviridae</b><br><br>50 - 70 nm<br>SS linear            |  |                     | Equine arteritis virus (equine viral arteritis)                          |  | Eq                             |              |
|                           |    |   |  |                     |  | Lactate dehydrogenase elevating virus                              |                                | R            |
|                           |    |   |  |                     |  | Porcine respiratory and reproductive syndrome virus                |                                | P            |
|                           |    |   |  |                     |  | Simian hemorrhagic fever virus                                     |                                | NHP          |
| RNA                       | NE | <b>Astroviridae</b><br><br>28 - 30 nm<br>SS linear            |  |                     | Avian nephritis viruses 1, 2   |  | A                              |              |
|                           |    |   |  |                     |  | Bovine astrovirus  |                                | B            |
|                           |    |   |  |                     |  | Feline astrovirus (gastroenteritis)                                |                                | F            |
|                           |    |   |  |                     |  | Human astroviruses 1-8 (gastroenteritis)                           |                                | H            |
|                           |    |   |  |                     |  | Ovine astrovirus (gastroenteritis)                                 |                                | O            |
|                           |    |   |  |                     |  | Porcine astrovirus (porcine acute gastroenteritis)                 |                                | P            |
| RNA                       | NE | <b>Birnaviridae</b><br><br>60 nm<br>DS linear segments       |  |                     | Infectious bursal disease virus  |  | A                              |              |
|                           |    |   |  |                     |  | Infectious pancreatic necrosis (IPN) (hemorrhagic kidney syndrome) |                                | Fish         |
| RNA                       | E  | <b>Bunyaviridae</b><br><br>80 - 120 nm<br>SS linear segments | Φ                                      |                     | <b>Akabane virus (Akabane/congenital arthrogryposis-hydranencephaly)</b> |  | B, Cp, O                       |              |
|                           |    |   |  |                     |  | Cache Valley virus   | H                              | B, O         |
|                           |    |   |  |                     | Z  | California encephalitis virus                                      | H                              | R            |
|                           |    |   | Φ                                      | Z                   | <b>Crimean-Congo hemorrhagic fever virus</b>                             | H  | A, B, C, L, O                  |              |
|                           |    |   | Φ*                                     | Z                   | <b>Hantaviruses (various serotypes)*</b>                                 | H  | R                              |              |
|                           |    |   |  |                     | Z  | Jamestown Canyon virus   | H                              | Cv           |
|                           |    |   |  |                     | Z  | La Crosse virus (La Crosse encephalitis)                           | H                              | Cp, Cv, R    |
|                           |    |   | Φ                                      | Z                   | <b>Nairobi sheep disease virus</b>                                       | H  | Cp, O, R                       |              |
| Φ                         | Z  | <b>Rift Valley fever virus</b>  | H                                      | B, C, Cp, F, O      |  |  |                                |              |
| RNA                       | NE | <b>Caliciviridae</b><br><br>30 -38 nm<br>SS linear           |  |                     | Bovine enteric calicivirus   |  | B                              |              |
|                           |    |   |  |                     |  | Canine calicivirus   |                                | B            |
|                           |    |   |  |                     |  | Feline caliciviruses (upper respiratory disease)                   |                                | F            |
|                           |    |   |  |                     |  | Fowl calicivirus   |                                | A            |
|                           |    |   |  |                     | Z  | Hepatitis E virus  | H                              | P            |
|                           |    |   |  |                     |  | Noroviruses (Norwalk and Norwalk-like viruses)                     | H                              |              |
|                           |    |   |  |                     |  | Porcine enteric calicivirus  |                                | P            |
|                           |    |   | Φ                                      |                     |  | <b>Rabbit hemorrhagic disease virus</b>                            |                                | L            |
|                           |    |   |  |                     |  | San Miguel sea lion virus  |                                | Other, P     |
| Φ                         | Z  | <b>Vesicular exanthema of swine virus (vesicular exanthema)</b>   | H                                      | B, Eq, NHP, P       |  |  |                                |              |

A=avian; B=bovine; Bt=bat; C=canine; Cp=caprine; Cv=cervine; Eq=equine; F=feline; Fr=ferret; H=human; L=lagomorph; R=rodent; NHP=non-human primate; O=ovine; P=porcine; **Diseases in RED or with a Φ = Foreign Animal Diseases**

## Selected\* Viral Families, Viruses and Species Affected

|             |    | <b>Virus Family</b><br>(relative size)<br>SS = single stranded<br>DS = double stranded                               | <b>Foreign Animal Disease (for US)</b> | <b>Zoonotic (Z)</b> | <b>Virus (Disease)</b>  | <b>Humans Affected</b> | <b>Animal Species Affected</b> |
|-------------|----|--|--|---------------------|---|------------------------|--------------------------------|
| R<br>N<br>A | E  | <br>80 – 160 nm<br>SS linear        |  |                     | Avian infectious bronchitis virus                             | A                      |                                |
|             |    |  |  |                     | Bovine coronavirus  | B                      |                                |
|             |    |  |  |                     | Canine coronavirus  | C                      |                                |
|             |    |  |  |                     | Feline enteric coronaviruses                                  | F                      |                                |
|             |    |  |  |                     | Feline infectious peritonitis virus                           | F                      |                                |
|             |    |  |  |                     | Human coronaviruses (colds)                                   | H                      |                                |
|             |    |  | Φ                                      |                     | Porcine epidemic diarrhea virus                               | P                      |                                |
|             |    |  |  |                     | Porcine hemagglutinating encephalomyelitis virus              | P                      |                                |
|             |    |  | Φ                                      | Z                   | Severe acute respiratory syndrome (SARS) virus                | H                      | F                              |
|             |    |  |  |                     | Transmissible gastroenteritis (TGE) virus                     | P                      |                                |
|             |    | Turkey coronavirus (bluecomb disease)  | A                                      |                     |   |                        |                                |
| R<br>N<br>A | E  | <br>790 – 970 X 80 nm<br>SS linear | Φ                                      | Z                   | Ebola virus   | H                      | NHP                            |
|             |    |  | Φ                                      | Z                   | Marburg virus   | H                      | NHP                            |
| R<br>N<br>A | E  | <br>45 – 60 nm<br>SS linear       |  |                     | Border disease virus  | O                      |                                |
|             |    |  |  |                     | Bovine viral diarrhea (BVD) viruses 1, 2                      | B                      |                                |
|             |    |  | Φ                                      |                     | Classical swine fever virus (hog cholera)                     | P                      |                                |
|             |    |  | Φ                                      | Z                   | Dengue virus  | H                      | NHP                            |
|             |    |  |  |                     | Hepatitis C virus   | H                      |                                |
|             |    |  | Φ                                      | Z                   | Japanese encephalitis virus                                   | H                      | A, P                           |
|             |    |  | Φ                                      | Z                   | Louping ill virus   | H                      | A, B, C, Cp, Cv, Eq, O, P, R   |
|             |    |  | Φ                                      | Z                   | Murray valley encephalitis virus                              | H                      | A, B, C, Eq                    |
|             |    |  | Φ                                      | Z                   | Omsk hemorrhagic fever virus                                  | H                      | R                              |
|             |    |  |  | Z                   | St. Louis encephalitis virus                                  | H                      | A, Eq                          |
|             |    |  | Φ                                      | Z                   | Tick-borne encephalitis viruses (various subtypes)            | H                      | B, C, Cp, O, R                 |
|             |    |  | Φ                                      | Z                   | Yellow fever virus  | H                      | NHP                            |
| Φ           | Z  | Wesselsbron virus  | H                                      | B, Cp, O            |   |                        |                                |
|             | Z  | West Nile Virus (WNV) (West Nile fever)  | H                                      | A, Eq               |   |                        |                                |
| R<br>N<br>A | NE | <br>30 nm<br>SS linear            |  |                     | Viral encephalopathy and retinopathy (viral nervous necrosis) |                        | Fish                           |

Selected\* Viral Families, Viruses and Species Affected

|             |    | <b>Virus Family</b><br>(relative size)<br>SS = single stranded<br>DS = double stranded                                  | <b>Foreign Animal Disease (for US)</b> | <b>Zoonotic (Z)</b> | <b>Virus (Disease)</b>  | <b>Humans Affected</b> | <b>Animal Species Affected</b> |
|-------------|----|---|--|---------------------|---|------------------------|--------------------------------|
| R<br>N<br>A | E  | <br>80 - 120 nm<br>SS linear segments  |  |                     | Infectious salmon anemia  |                        | Fish                           |
|             |    |   | Z                                      |                     | Influenza virus A:  | H                      | A, Eq, F, Fr, P                |
|             |    |   | Z                                      |                     | Avian influenza   | H                      | A, Eq, P                       |
|             |    |   |  |                     | Equine influenza  |                        | Eq                             |
|             |    |   | Z                                      |                     | Swine influenza   | H                      | A, P                           |
|             |    |   |  |                     | Human influenza   | H                      | Fr, P                          |
|             |    |   | Z                                      |                     | Influenza virus B: (human influenza)  | H                      | Fr                             |
|             |    |   |  |                     | Influenza virus C: (human influenza)  | H                      | P                              |
| R<br>N<br>A | E  | <br>150 - 300 nm<br>SS linear          | Φ                                      | Z                   | Avian paramyxovirus type 1 (Newcastle disease)  | H                      | A                              |
|             |    |   |  |                     | Avian paramyxoviruses 2-9   |                        | A                              |
|             |    |   |  |                     | Bovine respiratory syncytial virus (BRSV)   |                        | B, O                           |
|             |    |   |  |                     | Canine distemper virus  |                        | C, Fr                          |
|             |    |   |  |                     | Canine parainfluenza virus  |                        | C                              |
|             |    |   | Φ                                      | Z                   | Hendra virus  | H                      | Bt, Eq, F                      |
|             |    |   |  |                     | Human parainfluenza viruses 1-4   | H                      |                                |
|             |    |   |  |                     | Measles virus   | H                      | NHP                            |
|             |    |   |  |                     | Mumps virus   | H                      |                                |
|             |    |   | Φ                                      | Z                   | Nipah virus   | H                      | Bt, C, Cp, Eq, F, O, P         |
|             |    |   |  |                     | Parainfluenza 3 virus   | H                      | B, O                           |
|             |    |   | Φ                                      |                     | Peste de petitis ruminants virus  |                        | Cp, O                          |
| Φ           |    | Rinderpest virus  |  | B, Cp, O, P         |   |                        |                                |
| R<br>N<br>A | NE | <br>28 - 30 nm<br>SS linear          |  |                     | Avian enteroviruses (encephalomyelitis, hepatitis)                                    |                        | A                              |
|             |    |   |  |                     | Bovine enteroviruses  |                        | B                              |
|             |    |   |  |                     | Bovine rhinoviruses   |                        | B                              |
|             |    |   | Z                                      |                     | Encephalomyelocarditis virus (encephalomyelocarditis)                                 | H                      | NHP, P, R                      |
|             |    |   |  |                     | Equine rhinoviruses 1, 2  |                        | Eq                             |
|             |    |   | Φ                                      |                     | Foot and mouth disease virus <sup>y</sup>   | H <sup>y</sup>         | B, Ca, Cp, Cv, O, P            |
|             |    |   | Z                                      |                     | Human hepatitis A virus   | H                      | NHP                            |
|             |    |   |  |                     | Human rhinoviruses  | H                      |                                |
|             |    |   |  |                     | Poliovirus  | H                      |                                |
|             |    |   | Φ                                      |                     | Porcine enteroviruses (porcine enteroviral encephalomyelitis/ Teschen-Talfan disease) |                        | P                              |
| Φ           | Z  | Swine vesicular disease virus   | H                                      | P                   |   |                        |                                |
| R<br>N<br>A | NE | <br>60 - 80 nm<br>DS linear segments | Φ                                      |                     | African horse sickness viruses 1-10   |                        | Eq                             |
|             |    |   |  |                     | Avian orthoreoviruses   |                        | A                              |
|             |    |   |  |                     | Bluetongue viruses 1-24   |                        | B, Cp, Cv, O                   |
|             |    |   | Z                                      |                     | Colorado tick fever virus   | H                      | R                              |
|             |    |   |  |                     | Epizootic hemorrhagic disease viruses   |                        | B, Cv, O                       |
|             |    |   |  |                     | Rotaviruses, group A to F (rotaviral gastroenteritis)                                 | H                      | B, Eq, L, O, P, R              |

## Selected\* Viral Families, Viruses and Species Affected

|  | E: Enveloped<br>NE: Nonenveloped | Virus Family<br>(relative size)<br>SS = single stranded<br>DS = double stranded | Foreign Animal Disease (for US) | Zoonotic (Z) | Virus (Disease) | Humans Affected | Animal Species Affected |
|--|----------------------------------|---|---------------------------------|--------------|-----------------|-----------------|-------------------------|
|--|----------------------------------|---|---------------------------------|--------------|-----------------|-----------------|-------------------------|

‡ Unconfirmed mild human cases have been reported.


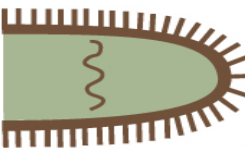

|             |   |   |   |     |  |  |                 |                 |
|-------------|---|---|---|-----|--|--|-----------------|-----------------|
| R<br>N<br>A | E |  <p>80 – 130 nm<br/>2 copies SS linear</p> |   |     | Avian leukosis virus   |  | A               |                 |
|             |   |   |   |     | Bovine immunodeficiency virus  |  | B               |                 |
|             |   |   |   |     | Bovine leukemia virus (BLV)  |  | B               |                 |
|             |   |   |   |     | Caprine arthritis-encephalitis virus   |  | Cp, O           |                 |
|             |   |   |   |     | Equine infectious anemia virus (EIA)   |  | Eq              |                 |
|             |   |   |   |     | Feline immunodeficiency virus (FIV)  |  | F               |                 |
|             |   |   |   |     | Feline leukemia virus (FeLV)   |  | F               |                 |
|             |   |   |   |     | Human immunodeficiency viruses (HIV-1, HIV-2)<br>(acquired immunodeficiency syndrome - AIDS) |  | H               |                 |
|             |   |   |   |     | Human T-lymphotropic viruses 1, 2  |  | H               |                 |
|             |   |   |   |     | Maedi-visna virus (ovine progressive pneumonia)  |  | Cp, O           |                 |
|             |   |   |   |     | Ovine pulmonary adenocarcinoma virus (pulmonary adenomatosis)                                |  | Cp, O           |                 |
|             |   |   |   |     | Simian immunodeficiency virus  |  | NHP             |                 |
|             |   |   |   |     | Simian leukemia viruses 1-3  |  | NHP             |                 |
| R<br>N<br>A | E |  <p>180 X 75 nm<br/>SS linear</p>          | Φ   |     | Bovine ephemeral fever virus   |  | B               |                 |
|             |   |   |   |     | Infectious hematopoietic necrosis (IHN)  |  | Fish            |                 |
|             |   |   |   | Z   |  | Rabies   | H               | All mammals     |
|             |   |   |   |     |  | Spring viremia of carp   |                 | Fish            |
|             |   |   |   | Z   |  | Vesicular stomatitis virus (Indiana 1 and New Jersey subtypes) | H               | B, Cp, Eq, O, P |
|             |   |   |   | Φ Z |  | Vesicular stomatitis virus (Indiana 2 and 3 subtypes)          | H               | B, Cp, Eq, O, P |
|             |   |   | Viral hemorrhagic septicemia (Egtved disease) |     | Fish   |  |                 |                 |
| R<br>N<br>A | E |  <p>70 nm<br/>SS linear</p>              |   | Z   | Eastern equine encephalitis virus (EEE)  | H  | A, Bt, Eq, P, R |                 |
|             |   |   |   |     | Rubella virus  | H  |                 |                 |
|             |   |   |   | Z   |  | Venezuelan equine encephalitis virus (VEE)                     | H               | A, Eq, R        |
|             |   |   |   |     |  | Spring viremia of carp   |                 | Fish            |
|             |   |   |   | Z   |  | Western equine encephalitis virus (WEE)                        | H               | A, Eq           |

Chart researched and compiled by Kristine Edwards, MA, DVM, MPH; Anna Rovid-Spickler, DVM, PhD and Glenda Dvorak, DVM, MS, MPH.

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\*This table was developed as a supplement for the CFSPH "Disinfection 101" document (<http://www.cfsph.iastate.edu/BRM/disinfectants.htm>) which provides an overview of important principles for the development of disinfection protocols, including how to choose an appropriate disinfectant. We expect this virus table to be useful for veterinarians, veterinary students and graduate students in virology. The mammalian, avian and fish viruses selected are those we perceive to be the ones veterinarians will most likely need to know about.