

Doorzoekbare bijlage 4 (1 oktober 2017): Indeling in klassen van pathogene virussen, bacteriën, schimmels en parasieten. Deze lijst is een praktisch hulpmiddel bij de risicobeoordeling. Hieraan kunnen geen rechten worden ontleend. Voor de wettelijk geldende lijst zie <http://wetten.overheid.nl/BWBR0035072>.  
Gegenereerd op 3 oktober 2017 Let op: zie [wetten.nl](http://wetten.nl) voor de **actuele** teksten van de Regeling GGO.

Nota bene: de pagina's zijn niet meer genummerd en bevatten geen koptekst meer om kopiëren van de gehele lijsten te vereenvoudigen.

#### § 4.1.1 Indeling in klassen van dier- en humaan pathogene virussen

| Familie           | Geslacht (Genus) | Soort (Species)   | Klasse Dier- en humaan pathogene virussen | Klasse Strikt dier-pathogene virussen |
|-------------------|------------------|---|---|---------------------------------------|
| Adenoviridae      | Atadenovirus     | Bovine adenovirus D, ssp Bovine adenovirus 4                  |   | 2                                     |
| Adenoviridae      | Atadenovirus     | Snake adenovirus 2  |   | 2                                     |
| Adenoviridae      | Aviadenovirus    | Fowl adenovirus 1   |   | 2                                     |
| Adenoviridae      | Mastadenovirus   | Bovine adenovirus B   |   | 2                                     |
| Adenoviridae      | Mastadenovirus   | Canine adenovirus A, type 1                                   |   | 2                                     |
| Adenoviridae      | Mastadenovirus   | Canine adenovirus A, type 2                                   |   | 2                                     |
| Adenoviridae      | Mastadenovirus   | Chimpansee adenovirus type 3                                  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Chimpansee adenovirus type Y25                                | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Human adenovirus A-G, type 1-54 en 56                         | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Murine adenovirus 2   |   | 2                                     |
| Adenoviridae      | Mastadenovirus   | Rhesus adenovirus 51, 52 en 53                                | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 13  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 16  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 17  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 19  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 24  | 2   |                                       |
| Adenoviridae      | Mastadenovirus   | Simian adenovirus 25  | 2   |                                       |
| Alloherpesviridae | Cyprinivirus     | Cyprinid herpesvirus 3 (Koi herpesvirus)                      |   | 2                                     |
| Anelloviridae     | Alphatorquevirus | Torque teno virus   | 2   |                                       |
| Anelloviridae     | Betatorquevirus  | Torque teno minivirus   | 2   |                                       |
| Arenaviridae      | Mammarenavirus   | Junín virus   | 4   |                                       |
| Arenaviridae      | Mammarenavirus   | Lassa virus   | 4   |                                       |
| Arenaviridae      | Mammarenavirus   | Lymphocytic choriomeningitis virus                            | 3   |                                       |
| Arenaviridae      | Mammarenavirus   | Machupo virus   | 4   |                                       |
| Arenaviridae      | Mammarenavirus   | Tacaribe virus  |   | 2                                     |
| Arenaviridae      | Mammarenavirus   | Lymphocytic choriomeningitis virus, stam 'Armstrong'          | 2   |                                       |
| Arteriviridae     | Arterivirus      | African pouched rat arterivirus (Cricetomys 1 nesartevirus)   |   | 2                                     |
| Arteriviridae     | Arterivirus      | DeBrazza's monkey arterivirus (Cercopithecus 2 simartevirus)  |   | 2                                     |
| Arteriviridae     | Arterivirus      | Equine arteritis virus  |   | 2                                     |
| Arteriviridae     | Arterivirus      | Kibale red colobus virus 1 (Procolobus 1 simartevirus)        |   | 2                                     |
| Arteriviridae     | Arterivirus      | Kibale red colobus virus 2 (Procolobus 2 simartevirus)        |   | 2                                     |
| Arteriviridae     | Arterivirus      | Kibale red-tailed guenon virus (Cercopithecus 1 simartevirus) |   | 2                                     |
| Arteriviridae     | Arterivirus      | Lactate dehydrogenase-elevating virus                         |   | 2                                     |
| Arteriviridae     | Arterivirus      | Mikumi yellow baboon virus 1 (Papio 1 simartevirus)           |   | 2                                     |

|               |                  |  |   |   |
|---------------|------------------|--|---|---|
| Arteriviridae | Arterivirus      | Pebjah virus (Alamogordo simartevirus)   |   | 2 |
| Arteriviridae | Arterivirus      | Porcine reproductive and respiratory syndrome virus-1 (Lelystadvirus)                          |   | 2 |
| Arteriviridae | Arterivirus      | Porcine reproductive and respiratory syndrome virus-2 (SIRS)                                   |   | 2 |
| Arteriviridae | Arterivirus      | Simian hemorrhagic encephalitis virus (Sukhumi simartevirus)                                   |   | 2 |
| Arteriviridae | Arterivirus      | Simian hemorrhagic fever virus   |   | 2 |
| Arteriviridae | Arterivirus      | Wobbly possum disease virus (Trichosurus 1 dipartevirus)                                       |   | 2 |
| Asfarviridae  | Asfivirus        | African swine fever virus (Afrikaanse varkenspestvirus)  |   | 4 |
| Baculoviridae | Alphabaculovirus | Autographa californica multiple nucleopolyhedrovirus   |   | 2 |
| Baculoviridae | Alphabaculovirus | Bombyx mori nucleopolyhedrovirus   |   | 2 |
| Baculoviridae | Alphabaculovirus | Trichoplusia ni single nucleopolyhedrovirus  |   | 2 |
| Birnaviridae  | Avibirnavirus    | Infectious bursal disease virus (ziekte van Gumboro)   |   | 2 |
| Bunyaviridae  | Nairovirus       | Crimean-Congo hemorrhagic fever virus  | 4 |   |
| Bunyaviridae  | Orthobunyavirus  | Akabane virus  |   | 3 |
| Bunyaviridae  | Orthobunyavirus  | Bunyamwera virus   | 2 |   |
| Bunyaviridae  | Orthobunyavirus  | Cell fusing agent virus  | 3 |   |
| Bunyaviridae  | Orthobunyavirus  | Schmallenbergvirus   |   | 2 |
| Bunyaviridae  | Orthobunyavirus  | Shamonda virus   |   | 2 |
| Bunyaviridae  | Orthobunyavirus  | Shuni virus  |   | 2 |
| Bunyaviridae  | Phlebovirus      | Huaiyangshan virus (Henan fever virus)   | 4 |   |
| Bunyaviridae  | Phlebovirus      | Rift Valley fever virus  | 3 |   |
| Bunyaviridae  | Phlebovirus      | Uukuniemi virus  |   | 2 |
| Caliciviridae | Lagovirus        | Rabbit haemorrhagic disease virus  |   | 2 |
| Caliciviridae | Norovirus        | Norwalk virus  | 2 |   |
| Caliciviridae | Sapovirus        | Sapporo virus  | 2 |   |
| Caliciviridae | Vesivirus        | Feline calicivirus   |   | 2 |
| Caliciviridae | Vesivirus        | Vesicular exanthema of swine virus   |   | 2 |
| Circoviridae  | Circovirus       | Porcine circovirus-1   |   | 2 |
| Circoviridae  | Circovirus       | Porcine circovirus-2   |   | 2 |
| Circoviridae  | Gyrovirus        | Chicken anemia virus   |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 provisional ssp Ferret coronavirus (type Ferret enteric coronavirus)        |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 provisional ssp Ferret coronavirus (type Ferret systemic coronavirus)       |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 ssp Canine coronavirus (type I en II)                                       |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 ssp Feline coronavirus (type I en II) (Feline infectious peritonitis virus) |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 ssp Porcine respiratory coronavirus   |   | 2 |
| Coronaviridae | Alphacoronavirus | Alphacoronavirus 1 ssp Transmissible gastroenteritis virus                                     |   | 2 |
| Coronaviridae | Alphacoronavirus | Human coronavirus 229E   | 2 |   |
| Coronaviridae | Alphacoronavirus | Human coronavirus NL63   | 2 |   |
| Coronaviridae | Alphacoronavirus | Porcine epidemic diarrhea virus  |   | 2 |
| Coronaviridae | Betacoronavirus  | Betacoronavirus 1 ssp Bovine coronavirus   |   | 2 |
| Coronaviridae | Betacoronavirus  | Betacoronavirus 1 ssp Equine coronavirus   |   | 2 |
| Coronaviridae | Betacoronavirus  | Betacoronavirus 1 ssp Human coronavirus OC43   | 2 |   |
| Coronaviridae | Betacoronavirus  | Betacoronavirus 1 ssp Porcine hemagglutinating encephalomyelitis virus                         |   | 2 |
| Coronaviridae | Betacoronavirus  | Betacoronavirus 1 ssp Rabbit coronavirus HKU14   |   | 2 |
| Coronaviridae | Betacoronavirus  | Human coronavirus HKU1   | 2 |   |
| Coronaviridae | Betacoronavirus  | Middle East Respiratory Syndrome-Coronavirus   | 3 |   |
| Coronaviridae | Betacoronavirus  | Murine coronavirus, subspecies 'Mouse hepatitis virus'   |   | 2 |
| Coronaviridae | Betacoronavirus  | Severe acute respiratory syndrome-related coronavirus  | 3 |   |

|                |                   |  |   |   |
|----------------|-------------------|--|---|---|
| Coronaviridae  | Gammacoronavirus  | Avian coronavirus, subspecies 'Infectious bronchitis virus'                    |   | 2 |
| Coronaviridae  | Torovirus         | Bovine torovirus   |   | 2 |
| Coronaviridae  | Torovirus         | Equine torovirus (Berne virus)   |   | 2 |
| Coronaviridae  | Torovirus         | Porcine torovirus  |   | 2 |
| Filoviridae    | Ebolavirus        | Reston ebolavirus  | 4 |   |
| Filoviridae    | Ebolavirus        | Sudan ebolavirus   | 4 |   |
| Filoviridae    | Ebolavirus        | Tai Forest ebolavirus  | 4 |   |
| Filoviridae    | Ebolavirus        | Zaire ebolavirus   | 4 |   |
| Filoviridae    | Marburgvirus      | Lake Victoria marburgvirus   | 4 |   |
| Filoviridae    | Marburgvirus      | Marburg marburgvirus   | 4 |   |
| Flaviviridae   | Flavivirus        | Cell fusing agent virus  |   | 3 |
| Flaviviridae   | Flavivirus        | Dengue virus   | 3 |   |
| Flaviviridae   | Flavivirus        | Japanese encephalitis virus  | 3 |   |
| Flaviviridae   | Flavivirus        | Modoc virus  | 2 |   |
| Flaviviridae   | Flavivirus        | Tick-borne encephalitis virus European subtype                                 | 3 |   |
| Flaviviridae   | Flavivirus        | Tick-borne encephalitis virus Far Eastern subtype                              | 3 |   |
| Flaviviridae   | Flavivirus        | Tick-borne encephalitis virus Siberian subtype                                 | 3 |   |
| Flaviviridae   | Flavivirus        | West Nile virus  | 3 |   |
| Flaviviridae   | Flavivirus        | Yellow fever virus   | 3 |   |
| Flaviviridae   | Flavivirus        | Yellow fever virus vaccinstam YF-17D   | 2 |   |
| Flaviviridae   | Flavivirus        | Yokose virus   |   | 3 |
| Flaviviridae   | Flavivirus        | Zika virus   | 3 |   |
| Flaviviridae   | Hepacivirus       | Hepatitis C virus  | 2 |   |
| Flaviviridae   | Pestivirus        | Atypical porcine pestivirus  |   | 2 |
| Flaviviridae   | Pestivirus        | Border disease virus   |   | 2 |
| Flaviviridae   | Pestivirus        | Bovine viral diarrhea virus 1  |   | 2 |
| Flaviviridae   | Pestivirus        | Bovine viral diarrhea virus 2  |   | 2 |
| Flaviviridae   | Pestivirus        | Bungowannah virus  |   | 3 |
| Flaviviridae   | Pestivirus        | Classical swine fever virus (Klassieke varkenspestvirus, Hog cholera virus)    |   | 4 |
| Hepadnaviridae | Orthohepadnavirus | Hepatitis B virus  | 2 |   |
| Hepadnaviridae | Orthohepadnavirus | Woodchuck hepatitis virus  |   | 2 |
| Hepeviridae    | Hepevirus         | Hepatitis E virus  | 2 |   |
| Herpesviridae  | Cytomegalovirus   | Cercopithecine herpesvirus 5   | 2 |   |
| Herpesviridae  | Cytomegalovirus   | Human herpesvirus 5 (Human cytomegalovirus)                                    | 2 |   |
| Herpesviridae  | Cytomegalovirus   | Macacine herpesvirus 3   | 2 |   |
| Herpesviridae  | Cytomegalovirus   | Panine herpesvirus 2   | 2 |   |
| Herpesviridae  | Iltovirus         | Gallid herpesvirus 1 (Infectious laryngotracheitis virus)                      |   | 2 |
| Herpesviridae  | Iltovirus         | Psittacid herpesvirus 1  |   | 2 |
| Herpesviridae  | Lymphocryptovirus | Human herpesvirus 4 (Epstein-Barr virus)                                       | 2 |   |
| Herpesviridae  | Mardivirus        | Gallid herpesvirus 2 (Marek's disease virus type 1)                            |   | 2 |
| Herpesviridae  | Mardivirus        | Gallid herpesvirus 3 (Marek's disease virus type 2)                            |   | 2 |
| Herpesviridae  | Mardivirus        | Meleagrid herpesvirus 1 (Herpesvirus of turkeys; Marek's disease virus type 3) |   | 2 |
| Herpesviridae  | Muromegalovirus   | Murid herpesvirus 1 (Mouse cytomegalovirus, Mouse herpesvirus 1)               |   | 2 |
| Herpesviridae  | Proboscivirus     | Elephantid herpesvirus (EIHV-1)  |   | 2 |
| Herpesviridae  | Rhadinovirus      | Bovine herpesvirus 4   |   | 2 |
| Herpesviridae  | Rhadinovirus      | Human herpesvirus 8  | 2 |   |
| Herpesviridae  | Rhadinovirus      | Saimiriine herpesvirus 2   | 2 |   |
| Herpesviridae  | Roseolovirus      | Human herpesvirus 6  | 2 |   |
| Herpesviridae  | Roseolovirus      | Human herpesvirus 7  | 2 |   |
| Herpesviridae  | Simplexvirus      | Human herpesvirus 1 (Herpes simplex virus 1)                                   | 2 |   |

|                  |                     |  |   |   |
|------------------|---------------------|--|---|---|
| Herpesviridae    | Simplexvirus        | Human herpesvirus 2 (Herpes simplex virus 2)                     | 2 |   |
| Herpesviridae    | Simplexvirus        | Macacine herpesvirus 1   | 3 |   |
| Herpesviridae    | Varicellovirus      | Bovine herpesvirus 1   |   | 2 |
| Herpesviridae    | Varicellovirus      | Equid alphaherpesvirus 4   |   | 2 |
| Herpesviridae    | Varicellovirus      | Equid herpesvirus 1  |   | 2 |
| Herpesviridae    | Varicellovirus      | Felid herpesvirus 1 (Feline herpesvirus 1)                       |   | 2 |
| Herpesviridae    | Varicellovirus      | Human herpesvirus 3 (Varicella-zoster virus)                     | 2 |   |
| Herpesviridae    | Varicellovirus      | Suid herpesvirus 1 (Pseudorabiesvirus, Aujeszky's disease virus) |   | 3 |
| Iridoviridae     | Iridovirus          | Invertebrate iridescent virus 6                                  |   | 2 |
| Iridoviridae     | Megalocytivirus     | Red sea bream iridovirus   |   | 2 |
| Iridoviridae     | Unassigned          | Scale drop disease virus   |   | 2 |
| Nodaviridae      | Betanodavirus       | Barfin flounder nervous necrosis virus                           |   | 2 |
| Nodaviridae      | Betanodavirus       | Redspotted grouper nervous necrosis virus                        |   | 2 |
| Nodaviridae      | Betanodavirus       | Striped jack nervous necrosis virus                              |   | 2 |
| Nodaviridae      | Betanodavirus       | Tiger puffer nervous necrosis virus                              |   | 2 |
| Nodaviridae      | Betanodavirus       | Turbot nodavirus   |   | 2 |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus  | 3 |   |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus, stam 'HongKong/1/68'                          | 3 |   |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus, stam 'Udorn/307/72'                           | 3 |   |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus, stam 'WSN/33'                                 | 2 |   |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus, vaccinstam 'Port Chalmers/1/73'               | 2 |   |
| Orthomyxoviridae | Influenza A virus   | Influenza A virus, vaccinstam 'Puerto Rico/8/34'                 | 2 |   |
| Orthomyxoviridae | Influenza B virus   | Influenza B virus  | 2 |   |
| Orthomyxoviridae | Influenza C virus   | Influenza C virus  | 2 |   |
| Orthomyxoviridae | Isavirus            | Infectious salmon anemia virus                                   |   | 2 |
| Orthomyxoviridae | Unassigned          | Tilapia lake virus   |   | 2 |
| Papillomaviridae | Alphapapillomavirus | Alphapapillomavirus 1 tot en met 11, 13 en 14                    | 2 |   |
| Papillomaviridae | Betapapillomavirus  | Betapapillomavirus 1 tot en met 5                                | 2 |   |
| Papillomaviridae | Gammapapillomavirus | Gammapapillomavirus 1 tot en met 20                              | 2 |   |
| Papillomaviridae | Mupapillomavirus    | Mupapillomavirus 1 en 2  | 2 |   |
| Papillomaviridae | Nupapillomavirus    | Nupapillomavirus 1   | 2 |   |
| Paramyxoviridae  | Avulavirus          | Avian paramyxovirus 2-9  |   | 2 |
| Paramyxoviridae  | Avulavirus          | Newcastle disease virus  |   | 3 |
| Paramyxoviridae  | Henipavirus         | Hendra virus   | 4 |   |
| Paramyxoviridae  | Henipavirus         | Nipah virus  | 4 |   |
| Paramyxoviridae  | Metapneumovirus     | Avian metapneumovirus (Avian pneumovirus)                        |   | 2 |
| Paramyxoviridae  | Metapneumovirus     | Human metapneumovirus  | 2 |   |
| Paramyxoviridae  | Morbillivirus       | Canine distemper virus   |   | 2 |
| Paramyxoviridae  | Morbillivirus       | Measles virus (Mazelenvirus)                                     | 2 |   |
| Paramyxoviridae  | Morbillivirus       | Peste-des-Petits-Ruminants virus                                 |   | 3 |
| Paramyxoviridae  | Morbillivirus       | Phocine distemper virus  |   | 2 |
| Paramyxoviridae  | Morbillivirus       | Rinderpest virus (Runderpestvirus)                               |   | 4 |
| Paramyxoviridae  | Pneumovirus         | Bovine respiratory syncytial virus                               |   | 2 |
| Paramyxoviridae  | Pneumovirus         | Human respiratory syncytial virus                                | 2 |   |
| Paramyxoviridae  | Pneumovirus         | Murine pneumonia virus (Pneumonia virus of mice)                 |   | 2 |
| Paramyxoviridae  | Respirovirus        | Bovine parainfluenza virus 3                                     |   | 2 |
| Paramyxoviridae  | Respirovirus        | Human parainfluenza virus 1                                      | 2 |   |
| Paramyxoviridae  | Respirovirus        | Human parainfluenza virus 3                                      | 2 |   |
| Paramyxoviridae  | Respirovirus        | Sendai virus (Murine parainfluenza virus type 1)                 |   | 2 |
| Paramyxoviridae  | Rubulavirus         | Mumps virus (Bofvirus)   | 2 |   |
| Paramyxoviridae  | Rubulavirus         | Human parainfluenza virus 2                                      | 2 |   |

|                     |                        |  |   |   |
|---------------------|------------------------|--|---|---|
| Paramyxoviridae     | Rubulavirus            | Human parainfluenza virus 4  | 2 |   |
| Paramyxoviridae     | Rubulavirus            | Parainfluenza virus 5  |   | 2 |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-1 (Adeno-associated virus-6)                                  | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-2   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-3   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-4   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-5   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-7   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-8   | 2 |   |
| Parvoviridae        | Dependovirus           | Adeno-associated virus-9   | 2 |   |
| Parvoviridae        | Erythrovirus           | Human parvovirus B19   | 2 |   |
| Parvoviridae        | Parvovirus             | Feline panleukopenia virus (Canine parvovirus)                                       |   | 2 |
| Parvoviridae        | Parvovirus             | H-1 parvovirus (Rodent parvovirus H-1)   |   | 2 |
| Parvoviridae        | Parvovirus             | Minute virus of mice   |   | 2 |
| Permutotetraviridae | Alphapermutotetravirus | Thosea asigna virus  |   | 2 |
| Picornaviridae      | Aphthovirus            | Equine rhinitis A virus  |   | 2 |
| Picornaviridae      | Aphthovirus            | Foot-and-mouth disease virus (Mond- en klauwzeervirus)                               |   | 4 |
| Picornaviridae      | Cardiovirus            | Encephalomyocarditis virus   | 2 |   |
| Picornaviridae      | Cardiovirus            | Theilovirus type Theiler's murine encephalomyocarditis virus                         |   | 2 |
| Picornaviridae      | Cardiovirus            | Theilovirus type thera virus   |   | 2 |
| Picornaviridae      | Enterovirus            | Enterovirus A Coxsackievirus A2 – A8, A10, A12, A14, A16                             | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus A Enterovirus A71  | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus B Coxsackievirus A9, B1 – B6   | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus B Echovirus 1 – 7, 9, 11 – 15, 17, 18, 20, 21, 24 – 27, 29 – 33          | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus B Enterovirus B69  | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus B variant Swine vesicular disease virus (Vesiculaire varkensziektevirus) |   | 3 |
| Picornaviridae      | Enterovirus            | Enterovirus C Coxsackievirus A1, A11, A13, A17, A19 tot en met A22, A24              | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus C Poliovirus 1 – 3   | 2 |   |
| Picornaviridae      | Enterovirus            | Enterovirus C Poliovirus 2   | 3 |   |
| Picornaviridae      | Enterovirus            | Enterovirus D Enterovirus D68, D70   | 2 |   |
| Picornaviridae      | Enterovirus            | Rhinovirus A   | 2 |   |
| Picornaviridae      | Enterovirus            | Rhinovirus B   | 2 |   |
| Picornaviridae      | Enterovirus            | Rhinovirus C   | 2 |   |
| Picornaviridae      | Hepatovirus            | Hepatitis A virus  | 2 |   |
| Picornaviridae      | Kobuvirus              | Aichi virus  | 2 |   |
| Picornaviridae      | Parechovirus           | Human parechovirus, typen 'Human parechovirus 1 t/m 5'                               | 2 |   |
| Picornaviridae      | Parechovirus           | Ljungan virus  | 2 |   |
| Picornaviridae      | Senecavirus            | Seneca Valley virus  |   | 3 |
| Picornaviridae      | Teschovirus            | Teschovirus A  |   | 2 |
| Polyomaviridae      | Polyomavirus           | African green monkey polyomavirus  |   | 2 |
| Polyomaviridae      | Polyomavirus           | Baboon polyomavirus 2  |   | 2 |
| Polyomaviridae      | Polyomavirus           | BK polyomavirus  | 2 |   |
| Polyomaviridae      | Polyomavirus           | Bornean orangutan polyomavirus   |   | 2 |
| Polyomaviridae      | Polyomavirus           | Budgerigar fledgling disease polyomavirus  |   | 2 |
| Polyomaviridae      | Polyomavirus           | Chimpanzee polyomavirus  |   | 2 |
| Polyomaviridae      | Polyomavirus           | Cynomolgus polyomavirus  |   | 2 |
| Polyomaviridae      | Polyomavirus           | Human polyomavirus 6   | 2 |   |
| Polyomaviridae      | Polyomavirus           | Human polyomavirus 7   | 2 |   |

|                |                 |   |   |   |
|----------------|-----------------|---|---|---|
| Polyomaviridae | Polyomavirus    | JC polyomavirus   | 2 |   |
| Polyomaviridae | Polyomavirus    | KI polyomavirus   | 2 |   |
| Polyomaviridae | Polyomavirus    | Merkel cell polyomavirus  | 2 |   |
| Polyomaviridae | Polyomavirus    | Murine polyomavirus   |   | 2 |
| Polyomaviridae | Polyomavirus    | Simian virus 12   |   | 2 |
| Polyomaviridae | Polyomavirus    | Simian virus 40   | 2 |   |
| Polyomaviridae | Polyomavirus    | Squirrel monkey polyomavirus  |   | 2 |
| Polyomaviridae | Polyomavirus    | Sumatran orangutan polyomavirus                                     |   | 2 |
| Polyomaviridae | Polyomavirus    | Trichodysplasia spinulosa-associated polyomavirus                   | 2 |   |
| Polyomaviridae | Polyomavirus    | WU polyomavirus   | 2 |   |
| Poxviridae     | Avipoxvirus     | Canarypox virus   |   | 2 |
| Poxviridae     | Avipoxvirus     | Fowlpox virus   |   | 2 |
| Poxviridae     | Capripoxvirus   | Goatpox virus   |   | 3 |
| Poxviridae     | Capripoxvirus   | Lumpy skin disease virus  |   | 3 |
| Poxviridae     | Capripoxvirus   | Sheeppox virus  |   | 3 |
| Poxviridae     | Leporipoxvirus  | Myxoma virus  |   | 2 |
| Poxviridae     | Orthopoxvirus   | Cowpox virus  | 2 |   |
| Poxviridae     | Orthopoxvirus   | Vaccinia virus  | 2 |   |
| Poxviridae     | Orthopoxvirus   | Vaccinia virus, stam 'WR'   | 2 |   |
| Poxviridae     | Parapoxvirus    | Parapoxvirus ovis (Orf virus), stam 'D1701'                         |   | 2 |
| Poxviridae     | Suidpoxvirus    | Swinepox virus  |   | 2 |
| Poxviridae     | Yatapoxvirus    | Tanapox virus, ssp Yaba-like disease virus                          |   | 2 |
| Reoviridae     | Orbivirus       | African horse sickness virus (Afrikaanse paardenpestvirus)          |   | 3 |
| Reoviridae     | Orbivirus       | Bluetongue virus  |   | 3 |
| Reoviridae     | Orbivirus       | Epizootic hemorrhagic disease virus                                 |   | 3 |
| Reoviridae     | Orbivirus       | Equine encephalosis virus   |   | 3 |
| Reoviridae     | Orbivirus       | Toggenburg virus  |   | 3 |
| Reoviridae     | Orthoreovirus   | Mammalian orthoreovirus   | 2 |   |
| Reoviridae     | Orthoreovirus   | Mammalian orthoreovirus, 'serotype 3 Dearing'                       | 2 |   |
| Reoviridae     | Orthoreovirus   | Piscine orthoreovirus   |   | 2 |
| Reoviridae     | Rotavirus       | Rotavirus A   | 2 |   |
| Reoviridae     | Rotavirus       | Rotavirus B   | 2 |   |
| Reoviridae     | Rotavirus       | Rotavirus C   | 2 |   |
| Reoviridae     | Rotavirus       | Rotavirus D   |   | 2 |
| Reoviridae     | Rotavirus       | Rotavirus E   |   | 2 |
| Retroviridae   | Alpharetrovirus | Avian leukosis virus  |   | 2 |
| Retroviridae   | Alpharetrovirus | Rous sarcoma virus  |   | 2 |
| Retroviridae   | Betaretrovirus  | Mouse mammary tumor virus   |   | 2 |
| Retroviridae   | Deltaretrovirus | Primate T-lymphotropic virus 1, type 'Human T-lymphotropic virus 1' | 3 |   |
| Retroviridae   | Deltaretrovirus | Primate T-lymphotropic virus 2, type 'Human T-lymphotropic virus 2' | 3 |   |
| Retroviridae   | Deltaretrovirus | Primate T-lymphotropic virus 3                                      | 3 |   |
| Retroviridae   | Gammaretrovirus | Feline endogenous retrovirus RD-114                                 |   | 2 |
| Retroviridae   | Gammaretrovirus | Gibbon ape leukemia virus   |   | 2 |
| Retroviridae   | Gammaretrovirus | Murine leukemia virus   |   | 2 |
| Retroviridae   | Lentivirus      | Bovine immunodeficiency virus                                       |   | 2 |
| Retroviridae   | Lentivirus      | Caprine arthritis encephalitis virus                                |   | 2 |
| Retroviridae   | Lentivirus      | Equine infectious anemia virus                                      |   | 2 |
| Retroviridae   | Lentivirus      | Feline immunodeficiency virus                                       |   | 2 |
| Retroviridae   | Lentivirus      | Human immunodeficiency virus 1                                      | 3 |   |
| Retroviridae   | Lentivirus      | Human immunodeficiency virus 2                                      | 3 |   |

|               |               |  |   |   |
|---------------|---------------|--|---|---|
| Retroviridae  | Lentivirus    | Simian immunodeficiency virus                          | 3 |   |
| Retroviridae  | Lentivirus    | Visna/maedi virus (Maedi-Visna virus, Zwoegerziekte)   |   | 2 |
| Retroviridae  | Spumavirus    | African green monkey simian foamy virus                | 2 |   |
| Retroviridae  | Spumavirus    | Feline foamy virus                                     |   | 2 |
| Retroviridae  | Spumavirus    | Macaque simian foamy virus                             | 2 |   |
| Retroviridae  | Spumavirus    | Simian foamy virus                                     | 2 |   |
| Rhabdoviridae | Lyssavirus    | Duvenhage virus  | 3 |   |
| Rhabdoviridae | Lyssavirus    | Mokola virus   | 3 |   |
| Rhabdoviridae | Lyssavirus    | Rabies virus (Rabiësvirus)                             | 3 |   |
| Rhabdoviridae | Sprivirus     | Spring viraemia of carp virus (Rhabdovirus carpio)     |   | 2 |
| Rhabdoviridae | Vesiculovirus | Vesicular stomatitis Alagoas virus                     |   | 3 |
| Rhabdoviridae | Vesiculovirus | Vesicular stomatitis Indiana virus                     |   | 3 |
| Rhabdoviridae | Vesiculovirus | Vesicular stomatitis New Jersey virus                  |   | 3 |
| Togaviridae   | Alphavirus    | Chikungunya virus                                      | 3 |   |
| Togaviridae   | Alphavirus    | Eastern equine encephalitis virus                      | 3 |   |
| Togaviridae   | Alphavirus    | Middelburg virus                                       |   | 2 |
| Togaviridae   | Alphavirus    | O'nyong-nyong virus                                    | 2 |   |
| Togaviridae   | Alphavirus    | Ross River virus                                       | 2 |   |
| Togaviridae   | Alphavirus    | Salmon pancreas disease virus                          |   | 2 |
| Togaviridae   | Alphavirus    | Semliki Forest virus                                   | 2 |   |
| Togaviridae   | Alphavirus    | Sindbis virus  | 2 |   |
| Togaviridae   | Alphavirus    | Venezuelan equine encephalitis virus                   | 3 |   |
| Togaviridae   | Alphavirus    | Venezuelan equine encephalitis virus, vaccinstam TC-83 | 2 |   |
| Togaviridae   | Alphavirus    | Western equine encephalitis virus                      | 3 |   |
| Togaviridae   | Rubivirus     | Rubella virus  | 2 |   |
| Unassigned    | Deltavirus    | Hepatitis delta virus                                  | 2 |   |
| Unassigned    | Unassigned    | Cell fusing agent virus                                | 3 |   |

<sup>1</sup>Strikt dierpathogene virussen zijn ingedeeld volgens de criteria van de COGEM adviezen CGM/060420-04 'Dierpathogene virussen', CGM/130917-01 'Classificatie humaan- en dierpathogene DNA virussen', CGM/131031-02 'Classificatie humaan- en dierpathogene RNA virussen' en CGM/141216-02 'Strikt dierpathogene virussen'. Virussen die zijn toegevoegd na 1 april 2015 zijn ingedeeld volgens criteria van relevante COGEM adviezen.

#### § 4.1.2 Indeling in klassen van plant pathogene virussen

| Familie         | Klasse |
|-----------------|--------|
| Plantenvirussen | 2      |

**Tabel 4.2 - Indeling in klassen van pathogene bacteriën.**

| Pathogene bacterie         | Klasse |
|----------------------------|--------|
| Acetivibrio ethanolgignens | 2      |
| Acetivibrio ethanolgignens | 2      |
| Acholeplasma axanthum      | 2      |
| Acholeplasma granularum    | 2      |
| Acholeplasma hippikon      | 2      |
| Acholeplasma laidlawii     | 2      |
| Acholeplasma modicum       | 2      |
| Acholeplasma morum         | 2      |
| Acholeplasma oculi         | 2      |
| Acidaminococcus fermentans | 2      |
| Acinetobacter baumannii    | 2      |

|  |   |
|--|---|
| <i>Acinetobacter calcoaceticus</i>                     | 2 |
| <i>Acinetobacter haemolyticus</i>                      | 2 |
| <i>Acinetobacter johnsonii</i>                         | 2 |
| <i>Acinetobacter junii</i>                             | 2 |
| <i>Acinetobacter lwoffii</i>                           | 2 |
| <i>Actinobacillus capsulatus</i>                       | 2 |
| <i>Actinobacillus equuli</i>                           | 2 |
| <i>Actinobacillus hominis</i>                          | 2 |
| <i>Actinobacillus lignieresii</i>                      | 2 |
| <i>Actinobacillus muris</i>                            | 2 |
| <i>Actinobacillus pleuropneumoniae</i>                 | 2 |
| <i>Actinobacillus rossii</i>                           | 2 |
| <i>Actinobacillus seminis</i>                          | 2 |
| <i>Actinobacillus suis</i>                             | 2 |
| <i>Actinobacillus ureae</i>                            | 2 |
| <i>Actinomadura madurae</i>                            | 2 |
| <i>Actinomadura pelletieri</i>                         | 2 |
| <i>Actinomyces bernardiae</i>                          | 2 |
| <i>Actinomyces bovis</i>                               | 2 |
| <i>Actinomyces gerencseriae</i>                        | 2 |
| <i>Actinomyces hordeovulneris</i>                      | 2 |
| <i>Actinomyces hyovaginalis</i>                        | 2 |
| <i>Actinomyces israelii</i>                            | 2 |
| <i>Actinomyces meyeri</i>                              | 2 |
| <i>Actinomyces naeslundii</i>                          | 2 |
| <i>Actinomyces neuii</i> subsp. <i>anitratus</i>       | 2 |
| <i>Actinomyces neuii</i> subsp. <i>neuii</i>           | 2 |
| <i>Actinomyces odontolyticus</i>                       | 2 |
| <i>Actinomyces pyogenes</i>                            | 2 |
| <i>Actinomyces suis</i>                                | 2 |
| <i>Actinomyces viscosus</i>                            | 2 |
| <i>Aegyptianella pullorum</i>                          | 2 |
| <i>Aerococcus urinae</i>                               | 2 |
| <i>Aerococcus viridans</i>                             | 2 |
| <i>Aeromonas allosaccharophila</i>                     | 2 |
| <i>Aeromonas caviae</i>                                | 2 |
| <i>Aeromonas hydrophila</i> subsp. <i>anaerogenes</i>  | 2 |
| <i>Aeromonas hydrophila</i> subsp. <i>hydrophila</i>   | 2 |
| <i>Aeromonas hydrophila</i> subsp. <i>proteolytica</i> | 2 |
| <i>Aeromonas jandaei</i>                               | 2 |
| <i>Aeromonas punctata</i>                              | 2 |
| <i>Aeromonas salmonicida</i> subsp. <i>masoucida</i>   | 2 |
| <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> | 2 |
| <i>Aeromonas salmonicida</i> subsp. <i>smithia</i>     | 2 |
| <i>Aeromonas schubertii</i>                            | 2 |
| <i>Aeromonas sobria</i>                                | 2 |
| <i>Aeromonas trota</i>                                 | 2 |
| <i>Afipia broomeae</i>                                 | 2 |
| <i>Afipia clevalandensis</i>                           | 2 |
| <i>Afipia felis</i>                                    | 2 |
| <i>Alcaligenes faecalis</i> subsp. <i>faecalis</i>     | 2 |
| <i>Alcaligenes piechaudii</i>                          | 2 |



|                                     |   |
|-------------------------------------|---|
| <i>Alcaligenes xylosoxidans</i>     | 2 |
| <i>Alloiococcus otitis</i>          | 2 |
| <i>Allomonas enterica</i>           | 2 |
| <i>Alteromonas haloplanctis</i>     | 2 |
| <i>Anaerorhabdus furcosus</i>       | 2 |
| <i>Anaplasma caudatum</i>           | 2 |
| <i>Anaplasma centrale</i>           | 2 |
| <i>Anaplasma marginale</i>          | 2 |
| <i>Anaplasma ovis</i>               | 2 |
| <i>Apiosporina morbosa</i>          | 2 |
| <i>Arcanobacterium haemolyticum</i> | 2 |
| <i>Arcobacter butzleri</i>          | 2 |
| <i>Arcobacter cryaerophilus</i>     | 2 |
| <i>Arsenophonus nasoniae</i>        | 2 |
| <i>Atopobium minutum</i>            | 2 |
| <i>Atopobium parvulum</i>           | 2 |
| <i>Atopobium rimae</i>              | 2 |
| <i>Atopodium minutus</i>            | 2 |
| <i>Bacillus anthracis</i>           | 3 |
| <i>Bacillus cereus</i>              | 2 |
| <i>Bacillus lentimorbus</i>         | 2 |
| <i>Bacillus popilliae</i>           | 2 |
| <i>Bacillus sphaericus</i>          | 2 |
| <i>Bacillus thuringiensis</i>       | 2 |
| <i>Bacteroides caccae</i>           | 2 |
| <i>Bacteroides capillosus</i>       | 2 |
| <i>Bacteroides coagulans</i>        | 2 |
| <i>Bacteroides distasonis</i>       | 2 |
| <i>Bacteroides eggerthii</i>        | 2 |
| <i>Bacteroides forsythus</i>        | 2 |
| <i>Bacteroides fragilis</i>         | 2 |
| <i>Bacteroides gracilis</i>         | 2 |
| <i>Bacteroides helcogenes</i>       | 2 |
| <i>Bacteroides macacae</i>          | 2 |
| <i>Bacteroides ovatus</i>           | 2 |
| <i>Bacteroides putredinis</i>       | 2 |
| <i>Bacteroides pyogenes</i>         | 2 |
| <i>Bacteroides splanchnicus</i>     | 2 |
| <i>Bacteroides stercoris</i>        | 2 |
| <i>Bacteroides suis</i>             | 2 |
| <i>Bacteroides tectum</i>           | 2 |
| <i>Bacteroides thetaiotaomicron</i> | 2 |
| <i>Bacteroides uniformis</i>        | 2 |
| <i>Bacteroides ureolyticus</i>      | 2 |
| <i>Bacteroides xylanisolvens</i>    | 2 |
| <i>Balneatrix alpica</i>            | 2 |
| <i>Bartonella bacilliformis</i>     | 2 |
| <i>Bartonella doshiae</i>           | 3 |
| <i>Bartonella elizabethae</i>       | 3 |
| <i>Bartonella grahamii</i>          | 3 |
| <i>Bartonella peromysci</i>         | 3 |
| <i>Bartonella quintana</i>          | 3 |

|                                 |   |
|---------------------------------|---|
| Bartonella talpae               | 3 |
| Bartonella taylorii             | 3 |
| Bartonella vinsonii             | 3 |
| Bergeyella zoohelcum            | 2 |
| Bifidobacterium dentium         | 2 |
| Bilophila wadsworthia           | 2 |
| Bordetella avium                | 2 |
| Bordetella bronchiseptica       | 2 |
| Bordetella hinzi                | 2 |
| Bordetella parapertussis        | 2 |
| Bordetella pertussis            | 2 |
| Borrelia anserina               | 2 |
| Borrelia baltazardii            | 2 |
| Borrelia brasiliensis           | 2 |
| Borrelia burgdorferi            | 2 |
| Borrelia caucasica              | 2 |
| Borrelia coriaceae              | 2 |
| Borrelia crocidurae             | 2 |
| Borrelia dugesii                | 2 |
| Borrelia duttonii               | 2 |
| Borrelia garini                 | 2 |
| Borrelia graingeri              | 2 |
| Borrelia harveyi                | 2 |
| Borrelia hermsii                | 2 |
| Borrelia hispanica              | 2 |
| Borrelia latyschewii            | 2 |
| Borrelia mazzottii              | 2 |
| Borrelia parkeri                | 2 |
| Borrelia persica                | 2 |
| Borrelia recurrentis            | 2 |
| Borrelia theileri               | 2 |
| Borrelia tillae                 | 2 |
| Borrelia turicatae              | 2 |
| Borrelia venezuelensis          | 2 |
| Borrelia vincenti               | 2 |
| Brachyspira aalborgi            | 2 |
| Brevibacterium mebrellnerii     | 2 |
| Brevinema andersonii            | 2 |
| Brevundimonas diminuta          | 2 |
| Brevundimonas vesicularis       | 2 |
| Brucella spp.                   | 3 |
| Burkholderia mallei             | 3 |
| Burkholderia pseudomallei       | 3 |
| Burkholderia thailandensis      | 2 |
| Caedibacter caryophila          | 2 |
| Caedibacter paraconjugatus      | 2 |
| Caedibacter pseudonutans        | 2 |
| Caedibacter taeniospiralis      | 2 |
| Caedibacter varicaedens         | 2 |
| Calymmatobacterium granulomatis | 2 |
| Campylobacter coli              | 2 |
| Campylobacter concisus          | 2 |

|  |   |
|--|---|
| <i>Campylobacter curvus</i>                          | 2 |
| <i>Campylobacter fetus</i> subsp. <i>fetus</i>       | 2 |
| <i>Campylobacter fetus</i> subsp. <i>venerealis</i>  | 2 |
| <i>Campylobacter gracilis</i>                        | 2 |
| <i>Campylobacter hyoilei</i>                         | 2 |
| <i>Campylobacter hyointestinalis</i>                 | 2 |
| <i>Campylobacter jejuni</i> subsp. <i>doylei</i>     | 2 |
| <i>Campylobacter jejuni</i> subsp. <i>jejuni</i>     | 2 |
| <i>Campylobacter lari</i>                            | 2 |
| <i>Campylobacter mucosalis</i>                       | 2 |
| <i>Campylobacter rectus</i>                          | 2 |
| <i>Campylobacter sputorum</i> subsp. <i>bubulus</i>  | 2 |
| <i>Campylobacter sputorum</i> subsp. <i>sputorum</i> | 2 |
| <i>Campylobacter upsaliensis</i>                     | 2 |
| <i>Capnocytophaga canimorsus</i>                     | 2 |
| <i>Capnocytophaga cynodegmi</i>                      | 2 |
| <i>Capnocytophaga gingivalis</i>                     | 2 |
| <i>Capnocytophaga granulosa</i>                      | 2 |
| <i>Capnocytophaga haemolytica</i>                    | 2 |
| <i>Capnocytophaga ochracea</i>                       | 2 |
| <i>Capnocytophaga sputigena</i>                      | 2 |
| <i>Cardiobacterium hominis</i>                       | 2 |
| <i>Carnobacterium piscicola</i>                      | 2 |
| <i>Catonella morbi</i>                               | 2 |
| <i>Cedecea davisae</i>                               | 2 |
| <i>Cedecea lapagei</i>                               | 2 |
| <i>Cedecea neteri</i>                                | 2 |
| <i>Centipeda periodontii</i>                         | 2 |
| <i>Chlamydia pecorum</i>                             | 2 |
| <i>Chlamydia pneumoniae</i>                          | 2 |
| <i>Chlamydia psittaci</i>                            | 3 |
| <i>Chlamydia trachomatis</i>                         | 2 |
| <i>Chromobacterium violaceum</i>                     | 2 |
| <i>Chryseobacterium gleum</i>                        | 2 |
| <i>Chryseobacterium indologenes</i>                  | 2 |
| <i>Chryseobacterium meningosepticum</i>              | 2 |
| <i>Chryseobacterium scophthalmum</i>                 | 2 |
| <i>Chryseomonas luteola</i>                          | 2 |
| <i>Chryseomonas polytricha</i>                       | 2 |
| <i>Citrobacter amalonaticus</i>                      | 2 |
| <i>Citrobacter braakii</i>                           | 2 |
| <i>Citrobacter farmeri</i>                           | 2 |
| <i>Citrobacter freundii</i>                          | 2 |
| <i>Citrobacter koseri</i>                            | 2 |
| <i>Citrobacter sedlakii</i>                          | 2 |
| <i>Citrobacter werkmanii</i>                         | 2 |
| <i>Citrobacter youngae</i>                           | 2 |
| <i>Clostridium absonum</i>                           | 2 |
| <i>Clostridium argentinense</i>                      | 2 |
| <i>Clostridium barati</i>                            | 2 |
| <i>Clostridium bifermentans</i>                      | 2 |
| <i>Clostridium botulinum</i>                         | 2 |

|  |   |
|--|---|
| Clostridium cadaveris                          | 2 |
| Clostridium carnis                             | 2 |
| Clostridium chauvoei                           | 2 |
| Clostridium clostridiiforme                    | 2 |
| Clostridium colinum                            | 2 |
| Clostridium difficile                          | 2 |
| Clostridium fallax                             | 2 |
| Clostridium ghoni                              | 2 |
| Clostridium glycolicum                         | 2 |
| Clostridium haemolyticum                       | 2 |
| Clostridium hastiforme                         | 2 |
| Clostridium histolyticum                       | 2 |
| Clostridium indolis                            | 2 |
| Clostridium innocuum                           | 2 |
| Clostridium limosum                            | 2 |
| Clostridium malenominatum                      | 2 |
| Clostridium novyi                              | 2 |
| Clostridium oroticum                           | 2 |
| Clostridium paraputrificum                     | 2 |
| Clostridium perfringens                        | 2 |
| Clostridium piliforme                          | 2 |
| Clostridium putrificum                         | 2 |
| Clostridium ramosum                            | 2 |
| Clostridium septicum                           | 2 |
| Clostridium sordellii                          | 2 |
| Clostridium sphenoides                         | 2 |
| Clostridium sporogenes                         | 2 |
| Clostridium subterminale                       | 2 |
| Clostridium symbiosum                          | 2 |
| Clostridium tertium                            | 2 |
| Clostridium tetani                             | 2 |
| Comamonas terrigena                            | 2 |
| Corynebacterium accolens                       | 2 |
| Corynebacterium afermentans subsp. afermentans | 2 |
| Corynebacterium afermentans subsp. lipophilum  | 2 |
| Corynebacterium beticola                       | 2 |
| Corynebacterium bovis                          | 2 |
| Corynebacterium cystitidis                     | 2 |
| Corynebacterium diphtheriae                    | 2 |
| Corynebacterium hoagii                         | 2 |
| Corynebacterium jeikeium                       | 2 |
| Corynebacterium macginleyi                     | 2 |
| Corynebacterium matruchotii                    | 2 |
| Corynebacterium minutissimum                   | 2 |
| Corynebacterium mycetoides                     | 2 |
| Corynebacterium pilosum                        | 2 |
| Corynebacterium propinquum                     | 2 |
| Corynebacterium pseudodiphtheriticum           | 2 |
| Corynebacterium pseudotuberculosis             | 2 |
| Corynebacterium renale                         | 2 |
| Corynebacterium striatum                       | 2 |
| Corynebacterium urealyticum                    | 2 |

|                                       |   |
|---------------------------------------|---|
| <i>Corynebacterium xerosis</i>        | 2 |
| <i>Cowdria ruminantium</i>            | 2 |
| <i>Coxiella burnetii</i>              | 3 |
| <i>Cytophaga aquatilis</i>            | 2 |
| <i>Cytophaga columnaris</i>           | 2 |
| <i>Cytophaga marina</i>               | 2 |
| <i>Cytophaga psychrophila</i>         | 2 |
| <i>Deleya aquamarina</i>              | 2 |
| <i>Dermatophilus chelone</i>          | 2 |
| <i>Dermatophilus congolensis</i>      | 2 |
| <i>Dialister pneumosintes</i>         | 2 |
| <i>Dichelobacter nodosus</i>          | 2 |
| <i>Edwardsiella anguillimortifera</i> | 2 |
| <i>Edwardsiella ictaluri</i>          | 2 |
| <i>Edwardsiella tarda</i>             | 2 |
| <i>Ehrlichia canis</i>                | 2 |
| <i>Ehrlichia chaffeensis</i>          | 2 |
| <i>Ehrlichia equi</i>                 | 2 |
| <i>Ehrlichia ewingii</i>              | 2 |
| <i>Ehrlichia phagocytophila</i>       | 2 |
| <i>Ehrlichia risticii</i>             | 2 |
| <i>Ehrlichia sennetsu</i>             | 2 |
| <i>Eikenella corrodens</i>            | 2 |
| <i>Empedobacter brevis</i>            | 2 |
| <i>Enterobacter aerogenes</i>         | 2 |
| <i>Enterobacter amnigenus</i>         | 2 |
| <i>Enterobacter asburiae</i>          | 2 |
| <i>Enterobacter cloacae</i>           | 2 |
| <i>Enterobacter gergoviae</i>         | 2 |
| <i>Enterobacter hormaechei</i>        | 2 |
| <i>Enterobacter intermedius</i>       | 2 |
| <i>Enterobacter sakazakii</i>         | 2 |
| <i>Enterobacter taylorae</i>          | 2 |
| <i>Enterococcus avium</i>             | 2 |
| <i>Enterococcus dispar</i>            | 2 |
| <i>Enterococcus durans</i>            | 2 |
| <i>Enterococcus faecalis</i>          | 2 |
| <i>Enterococcus faecium</i>           | 2 |
| <i>Enterococcus flavescens</i>        | 2 |
| <i>Enterococcus gallinarum</i>        | 2 |
| <i>Enterococcus hirae</i>             | 2 |
| <i>Enterococcus pseudoavium</i>       | 2 |
| <i>Enterococcus raffinosus</i>        | 2 |
| <i>Enterococcus seriolicida</i>       | 2 |
| <i>Enterococcus solitarius</i>        | 2 |
| <i>Eperythrozoon coccoides</i>        | 2 |
| <i>Eperythrozoon ovis</i>             | 2 |
| <i>Eperythrozoon parvum</i>           | 2 |
| <i>Eperythrozoon suis</i>             | 2 |
| <i>Eperythrozoon wenyonii</i>         | 2 |
| <i>Erysipelothrix rhusiopathiae</i>   | 2 |
| <i>Erysipelothrix tonsillarum</i>     | 2 |

|  |   |
|--|---|
| <i>Escherichia coli</i> (wildtype)                       | 2 |
| <i>Escherichia fergusonii</i>                            | 2 |
| <i>Escherichia hermannii</i>                             | 2 |
| <i>Escherichia vulneris</i>                              | 2 |
| <i>Eubacterium aerofaciens</i>                           | 2 |
| <i>Eubacterium alactolyticum</i>                         | 2 |
| <i>Eubacterium brachy</i>                                | 2 |
| <i>Eubacterium combesii</i>                              | 2 |
| <i>Eubacterium contortum</i>                             | 2 |
| <i>Eubacterium fossor</i>                                | 2 |
| <i>Eubacterium lentum</i>                                | 2 |
| <i>Eubacterium limosum</i>                               | 2 |
| <i>Eubacterium moniliforme</i>                           | 2 |
| <i>Eubacterium nitritogenes</i>                          | 2 |
| <i>Eubacterium nodatum</i>                               | 2 |
| <i>Eubacterium saphenum</i>                              | 2 |
| <i>Eubacterium tarantellus</i>                           | 2 |
| <i>Eubacterium tenue</i>                                 | 2 |
| <i>Eubacterium timidum</i>                               | 2 |
| <i>Eubacterium tortuosum</i>                             | 2 |
| <i>Eubacterium ventriosum</i>                            | 2 |
| <i>Eubacterium yurii</i> subsp. <i>margaretiae</i>       | 2 |
| <i>Eubacterium yurii</i> subsp. <i>schtitka</i>          | 2 |
| <i>Eubacterium yurii</i> subsp. <i>yurii</i>             | 2 |
| <i>Ewingella americana</i>                               | 2 |
| <i>Falcivibrio grandis</i>                               | 2 |
| <i>Falcivibrio vaginalis</i>                             | 2 |
| <i>Flavimonas oryzihabitans</i>                          | 2 |
| <i>Flavobacterium branchiophilum</i>                     | 2 |
| <i>Flavobacterium mizutaii</i>                           | 2 |
| <i>Flavobacterium odoratum</i>                           | 2 |
| <i>Flavobacterium yabuuchiae</i>                         | 2 |
| <i>Flexibacter columnaris</i>                            | 2 |
| <i>Flexibacter maritimus</i>                             | 2 |
| <i>Flexibacter ovolyticus</i>                            | 2 |
| <i>Flexibacter psychrophilus</i>                         | 2 |
| <i>Fluoribacter bozemanae</i>                            | 2 |
| <i>Fluoribacter dumoffii</i>                             | 2 |
| <i>Fluoribacter gormanii</i>                             | 2 |
| <i>Francisella novicida</i>                              | 2 |
| <i>Francisella philomiragia</i>                          | 2 |
| <i>Francisella tularensis</i> (typeA)                    | 2 |
| <i>Francisella tularensis</i> (typeB)                    | 2 |
| <i>Francisella tularensis</i> subsp. <i>holarctica</i>   | 3 |
| <i>Francisella tularensis</i> subsp. <i>mediasiatica</i> | 3 |
| <i>Francisella tularensis</i> subsp. <i>tularensis</i>   | 3 |
| <i>Fusobacterium alocis</i>                              | 2 |
| <i>Fusobacterium gonidiaformans</i>                      | 2 |
| <i>Fusobacterium mortiferum</i>                          | 2 |
| <i>Fusobacterium naviforme</i>                           | 2 |
| <i>Fusobacterium necrogenes</i>                          | 2 |
| <i>Fusobacterium</i> subsp. <i>funduliforme</i>          | 2 |

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| Fusobacterium subsp. funduliforme subsp. necrophorum | 2 |
| Fusobacterium nucleatum subsp. animalis              | 2 |
| Fusobacterium nucleatum subsp. fusiforme             | 2 |
| Fusobacterium nucleatum subsp. nucleatum             | 2 |
| Fusobacterium nucleatum subsp. polymorphum           | 2 |
| Fusobacterium nucleatum subsp. vincentii             | 2 |
| Fusobacterium periodonticum                          | 2 |
| Fusobacterium prausnitzii                            | 2 |
| Fusobacterium russii                                 | 2 |
| Fusobacterium sulci                                  | 2 |
| Fusobacterium ulcerans                               | 2 |
| Fusobacterium varium                                 | 2 |
| Gardnerella vaginalis                                | 2 |
| Gemella haemolysans                                  | 2 |
| Gemella morbillorum                                  | 2 |
| Gordona bronchialis                                  | 2 |
| Gordona sputi  | 2 |
| Grahamella peromysci                                 | 2 |
| Grahamella talpae                                    | 2 |
| Haemobartonella canis                                | 2 |
| Haemobartonella felis                                | 2 |
| Haemobartonella muris                                | 2 |
| Haemophilus actinomycetemcomitans                    | 2 |
| Haemophilus aegyptius                                | 2 |
| Haemophilus aphrophilus                              | 2 |
| Haemophilus ducreyi                                  | 2 |
| Haemophilus haemoglobinophilus                       | 2 |
| Haemophilus influenzae                               | 2 |
| Haemophilus paracuniculus                            | 2 |
| Haemophilus paragallinarum                           | 2 |
| Haemophilus parahaemolyticus                         | 2 |
| Haemophilus parainfluenzae                           | 2 |
| Haemophilus paraphrohaemolyticus                     | 2 |
| Haemophilus paraphrophilus                           | 2 |
| Haemophilus parasuis                                 | 2 |
| Haemophilus piscium                                  | 2 |
| Haemophilus segnis                                   | 2 |
| Hafnia alvei   | 2 |
| Hallella seregens                                    | 2 |
| Helcococcus kunzi                                    | 2 |
| Helicobacter acinomyx                                | 2 |
| Helicobacter canis                                   | 2 |
| Helicobacter cinaedi                                 | 2 |
| Helicobacter fennelliae                              | 2 |
| Helicobacter hepaticus                               | 2 |
| Helicobacter mustelae                                | 2 |
| Helicobacter pylori                                  | 2 |
| Johnsonella ignava                                   | 2 |
| Jonesia denitrificans                                | 2 |
| Kingella denitrificans                               | 2 |
| Kingella kingae                                      | 2 |
| Kingella oralis                                      | 2 |

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| <i>Klebsiella ornithinolytica</i>                           | 2 |
| <i>Klebsiella oxytoca</i>                                   | 2 |
| <i>Klebsiella pneumoniae</i> subsp. <i>ozaenae</i>          | 2 |
| <i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i>       | 2 |
| <i>Klebsiella pneumoniae</i> subsp. <i>rhinoscleromatis</i> | 2 |
| <i>Kluyvera ascorbata</i>                                   | 2 |
| <i>Kluyvera cryocrescens</i>                                | 2 |
| <i>Koserella trabulsii</i>                                  | 2 |
| <i>Lactobacillus carnis</i>                                 | 2 |
| <i>Lactobacillus catenaformis</i>                           | 2 |
| <i>Lactobacillus trichodes</i>                              | 2 |
| <i>Lactobacillus uli</i>                                    | 2 |
| <i>Lactococcus garvieae</i>                                 | 2 |
| <i>Leclercia adecarboxylata</i>                             | 2 |
| <i>Legionella anisa</i>                                     | 2 |
| <i>Legionella birminghamensis</i>                           | 2 |
| <i>Legionella cincinnatiensis</i>                           | 2 |
| <i>Legionella feeleei</i>                                   | 2 |
| <i>Legionella hackeliae</i>                                 | 2 |
| <i>Legionella jordanis</i>                                  | 2 |
| <i>Legionella lansingensis</i>                              | 2 |
| <i>Legionella longbeachae</i>                               | 2 |
| <i>Legionella maceachernii</i>                              | 2 |
| <i>Legionella oakridgensis</i>                              | 2 |
| <i>Legionella pittsburghensis</i>                           | 2 |
| <i>Legionella pneumophila</i> subsp. <i>fraseri</i>         | 2 |
| <i>Legionella pneumophila</i> subsp. <i>pascullei</i>       | 2 |
| <i>Legionella pneumophila</i> subsp. <i>pneumophila</i>     | 2 |
| <i>Legionella sainthelensi</i>                              | 2 |
| <i>Legionella tucsonensis</i>                               | 2 |
| <i>Legionella wadsworthii</i>                               | 2 |
| <i>Leptospira borgpetersenii</i>                            | 2 |
| <i>Leptospira inadai</i>                                    | 2 |
| <i>Leptospira interrogans</i>                               | 2 |
| <i>Leptospira kirschneri</i>                                | 2 |
| <i>Leptospira noguchii</i>                                  | 2 |
| <i>Leptospira santarosai</i>                                | 2 |
| <i>Leptospira weilii</i>                                    | 2 |
| <i>Levinea malonatica</i>                                   | 2 |
| <i>Listeria ivanovii</i> subsp. <i>vanovii</i>              | 2 |
| <i>Listeria monocytogenes</i>                               | 2 |
| <i>Listonella anguillarum</i>                               | 2 |
| <i>Megasphaera elsdenii</i>                                 | 2 |
| <i>Melissococcus pluton</i>                                 | 2 |
| <i>Mitsuokella multiacidus</i>                              | 2 |
| <i>Mobiluncus curtisii</i> subsp. <i>curtisii</i>           | 2 |
| <i>Mobiluncus curtisii</i> subsp. <i>holmesii</i>           | 2 |
| <i>Mobiluncus mulieris</i>                                  | 2 |
| <i>Moellerella wisconsinensis</i>                           | 2 |
| <i>Moraxella catharrhalis</i>                               | 2 |
| <i>Moraxella equi</i>                                       | 2 |
| <i>Moraxella lacunata</i>                                   | 2 |



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|---|---|
| Moraxella nonliquefaciens                       | 2 |
| Moraxella osloensis                             | 2 |
| Moraxella phenylpyruvica                        | 2 |
| Moraxella saccharolytica                        | 2 |
| Morganella morganii subsp. morganii             | 2 |
| Morganella morganii subsp. siboni               | 2 |
| Morococcus cerebrosus                           | 2 |
| Mycobacterium abscessus                         | 2 |
| Mycobacterium africanum                         | 3 |
| Mycobacterium asiaticum                         | 2 |
| Mycobacterium avium subsp. avium                | 2 |
| Mycobacterium avium subsp. paratuberculosis     | 2 |
| Mycobacterium avium subsp. silvaticum           | 2 |
| Mycobacterium bovis                             | 3 |
| Mycobacterium bovis BCG                         | 2 |
| Mycobacterium celatum                           | 2 |
| Mycobacterium chelonae subsp. abscessus         | 2 |
| Mycobacterium chelonae subsp. chelonae          | 2 |
| Mycobacterium farcinogenes                      | 2 |
| Mycobacterium flavescens                        | 2 |
| Mycobacterium fortuitum subsp. acetamidolyticum | 2 |
| Mycobacterium fortuitum subsp. fortuitum        | 2 |
| Mycobacterium gastri                            | 2 |
| Mycobacterium genavense                         | 2 |
| Mycobacterium haemophilum                       | 2 |
| Mycobacterium interjectum                       | 2 |
| Mycobacterium intermedium                       | 2 |
| Mycobacterium intracellulare                    | 2 |
| Mycobacterium kansasii                          | 2 |
| Mycobacterium leprae                            | 3 |
| Mycobacterium lepraemurium                      | 2 |
| Mycobacterium malmoense                         | 2 |
| Mycobacterium marinum                           | 2 |
| Mycobacterium microti                           | 3 |
| Mycobacterium porcinum                          | 2 |
| Mycobacterium scrofulaceum                      | 2 |
| Mycobacterium senegalense                       | 2 |
| Mycobacterium shimoidei                         | 2 |
| Mycobacterium simiae                            | 2 |
| Mycobacterium smegmatis                         | 2 |
| Mycobacterium szulgai                           | 2 |
| Mycobacterium tuberculosis                      | 3 |
| Mycobacterium ulcerans                          | 3 |
| Mycobacterium vaccae                            | 2 |
| Mycobacterium xenopi                            | 2 |
| Mycoplasma adleri                               | 2 |
| Mycoplasma agalactiae                           | 2 |
| Mycoplasma alkalescens                          | 2 |
| Mycoplasma anatis                               | 2 |
| Mycoplasma arginini                             | 2 |
| Mycoplasma arthritidis                          | 2 |
| Mycoplasma bovigenitalium                       | 2 |

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| <i>Mycoplasma bovis</i>                                    | 2 |
| <i>Mycoplasma bovoculi</i>                                 | 2 |
| <i>Mycoplasma buteonis</i>                                 | 2 |
| <i>Mycoplasma californicum</i>                             | 2 |
| <i>Mycoplasma canadense</i>                                | 2 |
| <i>Mycoplasma canis</i>                                    | 2 |
| <i>Mycoplasma capricolum</i> subsp. <i>capricolum</i>      | 2 |
| <i>Mycoplasma capricolum</i> subsp. <i>capripneumonias</i> | 2 |
| <i>Mycoplasma cloacale</i>                                 | 2 |
| <i>Mycoplasma collis</i>                                   | 2 |
| <i>Mycoplasma columbinasale</i>                            | 2 |
| <i>Mycoplasma conjunctivae</i>                             | 2 |
| <i>Mycoplasma corogypsi</i>                                | 2 |
| <i>Mycoplasma cynos</i>                                    | 2 |
| <i>Mycoplasma dispar</i>                                   | 2 |
| <i>Mycoplasma edwardii</i>                                 | 2 |
| <i>Mycoplasma equigenitalium</i>                           | 2 |
| <i>Mycoplasma equirhinis</i>                               | 2 |
| <i>Mycoplasma falconis</i>                                 | 2 |
| <i>Mycoplasma felis</i>                                    | 2 |
| <i>Mycoplasma fermentans</i>                               | 2 |
| <i>Mycoplasma flocculare</i>                               | 2 |
| <i>Mycoplasma gallinarium</i>                              | 2 |
| <i>Mycoplasma gallisepticum</i>                            | 2 |
| <i>Mycoplasma gallopavonis</i>                             | 2 |
| <i>Mycoplasma gateae</i>                                   | 2 |
| <i>Mycoplasma genitalium</i>                               | 2 |
| <i>Mycoplasma glycyphilum</i>                              | 2 |
| <i>Mycoplasma gypsis</i>                                   | 2 |
| <i>Mycoplasma hominis</i>                                  | 2 |
| <i>Mycoplasma hyopneumoniae</i>                            | 2 |
| <i>Mycoplasma hyorhinis</i>                                | 2 |
| <i>Mycoplasma hyosynoviae</i>                              | 2 |
| <i>Mycoplasma imitans</i>                                  | 2 |
| <i>Mycoplasma iowae</i>                                    | 2 |
| <i>Mycoplasma lipofaciens</i>                              | 2 |
| <i>Mycoplasma maculosum</i>                                | 2 |
| <i>Mycoplasma meleagridis</i>                              | 2 |
| <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i>          | 2 |
| <i>Mycoplasma mycoides</i> subsp. <i>capri</i>             | 2 |
| <i>Mycoplasma neurolyticum</i>                             | 2 |
| <i>Mycoplasma phocacerebrale</i>                           | 2 |
| <i>Mycoplasma phocarhinis</i>                              | 2 |
| <i>Mycoplasma phocidae</i>                                 | 2 |
| <i>Mycoplasma pneumoniae</i>                               | 2 |
| <i>Mycoplasma pulmonis</i>                                 | 2 |
| <i>Mycoplasma putrefaciens</i>                             | 2 |
| <i>Mycoplasma salivarium</i>                               | 2 |
| <i>Mycoplasma spumans</i>                                  | 2 |
| <i>Mycoplasma suis pneumoniae</i>                          | 2 |
| <i>Mycoplasma synoviae</i>                                 | 2 |
| <i>Mycoplasma verecundum</i>                               | 2 |

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|---|---|
| <i>Neisseria elongata</i> subsp. <i>nitroreducans</i> | 2 |
| <i>Neisseria flavescens</i>                           | 2 |
| <i>Neisseria gonorrhoeae</i>                          | 2 |
| <i>Neisseria iguanae</i>                              | 2 |
| <i>Neisseria lactamica</i>                            | 2 |
| <i>Neisseria meningitidis</i>                         | 2 |
| <i>Neisseria mucosa</i>                               | 2 |
| <i>Neisseria sicca</i>                                | 2 |
| <i>Neisseria subflava</i>                             | 2 |
| <i>Neisseria weaveri</i>                              | 2 |
| <i>Nocardia asteroides</i>                            | 2 |
| <i>Nocardia brasiliensis</i>                          | 2 |
| <i>Nocardia farcinica</i>                             | 2 |
| <i>Nocardia nova</i>                                  | 2 |
| <i>Nocardia otitidiscaviarum</i>                      | 2 |
| <i>Nocardia seriolae</i>                              | 2 |
| <i>Nocardia transvalensis</i>                         | 2 |
| <i>Nocardiopsis dassonvillei</i>                      | 2 |
| <i>Ochrobacterium anthropi</i>                        | 2 |
| <i>Orientia tsutsugamushi</i>                         | 3 |
| <i>Ornithobacterium rhinotracheale</i>                | 2 |
| <i>Pantoea agglomerans</i>                            | 2 |
| <i>Pasteurella bettyae</i>                            | 2 |
| <i>Pasteurella caballi</i>                            | 2 |
| <i>Pasteurella canis</i>                              | 2 |
| <i>Pasteurella dagmatis</i>                           | 2 |
| <i>Pasteurella gallinarum</i>                         | 2 |
| <i>Pasteurella granulomatis</i>                       | 2 |
| <i>Pasteurella haemolytica</i>                        | 2 |
| <i>Pasteurella lymphangitidis</i>                     | 2 |
| <i>Pasteurella mairi</i>                              | 2 |
| <i>Pasteurella multocida</i> subsp. <i>gallicida</i>  | 2 |
| <i>Pasteurella multocida</i> subsp. <i>multocida</i>  | 2 |
| <i>Pasteurella multocida</i> subsp. <i>septica</i>    | 2 |
| <i>Pasteurella pneumotropica</i>                      | 2 |
| <i>Pasteurella stomatis</i>                           | 2 |
| <i>Pasteurella testudinis</i>                         | 2 |
| <i>Pasteurella trehalosi</i>                          | 2 |
| <i>Pasteuria nishizawae</i>                           | 2 |
| <i>Pasteuria penetrans</i>                            | 2 |
| <i>Pasteuria thornei</i>                              | 2 |
| <i>Peptococcus glycinophilus</i>                      | 2 |
| <i>Peptococcus niger</i>                              | 2 |
| <i>Peptostreptococcus anaerobius</i>                  | 2 |
| <i>Peptostreptococcus asaccharolyticus</i>            | 2 |
| <i>Peptostreptococcus indolicus</i>                   | 2 |
| <i>Peptostreptococcus lacrimalis</i>                  | 2 |
| <i>Peptostreptococcus magnus</i>                      | 2 |
| <i>Peptostreptococcus micros</i>                      | 2 |
| <i>Peptostreptococcus prevotii</i>                    | 2 |
| <i>Peptostreptococcus vaginalis</i>                   | 2 |
| <i>Photobacterium damsela</i> subsp. <i>damsela</i>   | 2 |

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| <i>Photobacterium damsela</i> subsp. <i>piscicida</i> | 2 |
| <i>Photorhabdus luminescens</i>                       | 2 |
| <i>Plesiomonas shigelloides</i>                       | 2 |
| <i>Porphyromonas asaccharolytica</i>                  | 2 |
| <i>Porphyromonas cangingivalis</i>                    | 2 |
| <i>Porphyromonas canoris</i>                          | 2 |
| <i>Porphyromonas cansulci</i>                         | 2 |
| <i>Porphyromonas catniae</i>                          | 2 |
| <i>Porphyromonas circumdentari</i>                    | 2 |
| <i>Porphyromonas crevioricanis</i>                    | 2 |
| <i>Porphyromonas endodontalis</i>                     | 2 |
| <i>Porphyromonas gingivalis</i>                       | 2 |
| <i>Porphyromonas levii</i>                            | 2 |
| <i>Porphyromonas macacae</i>                          | 2 |
| <i>Prevotella bivia</i>                               | 2 |
| <i>Prevotella buccae</i>                              | 2 |
| <i>Prevotella buccalis</i>                            | 2 |
| <i>Prevotella corporis</i>                            | 2 |
| <i>Prevotella denticola</i>                           | 2 |
| <i>Prevotella disiens</i>                             | 2 |
| <i>Prevotella intermedia</i>                          | 2 |
| <i>Prevotella loescheii</i>                           | 2 |
| <i>Prevotella melaninogenica</i>                      | 2 |
| <i>Prevotella nigrescens</i>                          | 2 |
| <i>Prevotella oralis</i>                              | 2 |
| <i>Prevotella oris</i>                                | 2 |
| <i>Prevotella ruminicola</i> subsp. <i>brevis</i>     | 2 |
| <i>Prevotella ruminicola</i> subsp. <i>ruminicola</i> | 2 |
| <i>Prevotella tanneriae</i>                           | 2 |
| <i>Propionibacterium acnes</i>                        | 2 |
| <i>Propionibacterium avidum</i>                       | 2 |
| <i>Propionibacterium granulosum</i>                   | 2 |
| <i>Propionibacterium lymphophilum</i>                 | 2 |
| <i>Propionibacterium propionicum</i>                  | 2 |
| <i>Proteus inconstans</i>                             | 2 |
| <i>Proteus mirabilis</i>                              | 2 |
| <i>Proteus morgani</i>                                | 2 |
| <i>Proteus penneri</i>                                | 2 |
| <i>Proteus rettgeri</i>                               | 2 |
| <i>Proteus vulgaris</i>                               | 2 |
| <i>Providencia alcalifaciens</i>                      | 2 |
| <i>Providencia rustigianii</i>                        | 2 |
| <i>Pseudomonas aeruginosa</i>                         | 2 |
| <i>Pseudomonas anguilliseptica</i>                    | 2 |
| <i>Pseudomonas mendocina</i>                          | 2 |
| <i>Renibacterium salmoninarum</i>                     | 2 |
| <i>Rhodococcus equi</i>                               | 2 |
| <i>Rhodotorula mucilaginosa</i>                       | 2 |
| <i>Rickettsia akari</i>                               | 3 |
| <i>Rickettsia australis</i>                           | 3 |
| <i>Rickettsia canada</i>                              | 3 |
| <i>Rickettsia conorii</i>                             | 3 |

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| <i>Rickettsia helvetica</i>                               | 2 |
| <i>Rickettsia japonica</i>                                | 3 |
| <i>Rickettsia massiliae</i>                               | 2 |
| <i>Rickettsia montana</i>                                 | 3 |
| <i>Rickettsia parkeri</i>                                 | 2 |
| <i>Rickettsia prowazeki</i>                               | 3 |
| <i>Rickettsia rhipicephali</i>                            | 2 |
| <i>Rickettsia rickettsii</i>                              | 3 |
| <i>Rickettsia typhi</i>                                   | 3 |
| <i>Rickettsiella chironomi</i>                            | 2 |
| <i>Rickettsiella gryllii</i>                              | 2 |
| <i>Rickettsiella popillae</i>                             | 2 |
| <i>Rickettsiella stethorae</i>                            | 2 |
| <i>Riemerella anatipestifer</i>                           | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>arizonae</i>     | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>bongori</i>      | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i> | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>diarizonae</i>   | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>houtenae</i>     | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>indica</i>       | 2 |
| <i>Salmonella choleraesuis</i> subsp. <i>salamae</i>      | 2 |
| <i>Salmonella enteritidis</i>                             | 2 |
| <i>Salmonella gallinarum</i>                              | 2 |
| <i>Salmonella infantis</i>                                | 2 |
| <i>Salmonella paratyphi</i> A                             | 2 |
| <i>Salmonella paratyphi</i> B                             | 2 |
| <i>Salmonella paratyphi</i> C                             | 2 |
| <i>Salmonella suis</i>                                    | 2 |
| <i>Salmonella typhi</i>                                   | 3 |
| <i>Salmonella typhimurium</i>                             | 2 |
| <i>Sarcobium lyticum</i>                                  | 2 |
| <i>Selenomonas artemidis</i>                              | 2 |
| <i>Selenomonas diana</i> e                                | 2 |
| <i>Selenomonas flueggei</i>                               | 2 |
| <i>Selenomonas infelix</i>                                | 2 |
| <i>Selenomonas noxia</i>                                  | 2 |
| <i>Serpulina hydysenteriae</i>                            | 2 |
| <i>Serratia entomophila</i>                               | 2 |
| <i>Serratia grimesii</i>                                  | 2 |
| <i>Serratia marcescens</i>                                | 2 |
| <i>Serratia proteamaculans</i>                            | 2 |
| <i>Serratia rubidaea</i>                                  | 2 |
| <i>Shewanella algae</i>                                   | 2 |
| <i>Shewanella oneidensis</i>                              | 2 |
| <i>Shewanella putrefaciens</i>                            | 2 |
| <i>Shigella boydii</i>                                    | 2 |
| <i>Shigella dysenteriae</i> (type1)                       | 3 |
| <i>Shigella flexneri</i>                                  | 2 |
| <i>Shigella sonnei</i>                                    | 2 |
| <i>Sphingobacterium multivorum</i>                        | 2 |
| <i>Sphingobacterium spiritivorum</i>                      | 2 |
| <i>Sphingobacterium thalophilum</i>                       | 2 |

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| <i>Sphingomonas yanoikuyae</i>                            | 2 |
| <i>Spiroplasma apis</i>                                   | 2 |
| <i>Spiroplasma melliferum</i>                             | 2 |
| <i>Spiroplasma mirum</i>                                  | 2 |
| <i>Staphylococcus aureus</i> subsp. <i>anaerobius</i>     | 2 |
| <i>Staphylococcus aureus</i> subsp. <i>aureus</i>         | 2 |
| <i>Staphylococcus epidermidis</i>                         | 2 |
| <i>Staphylococcus felis</i>                               | 2 |
| <i>Staphylococcus haemolyticus</i>                        | 2 |
| <i>Staphylococcus hyicus</i>                              | 2 |
| <i>Staphylococcus intermedius</i>                         | 2 |
| <i>Staphylococcus lugdunensis</i>                         | 2 |
| <i>Staphylococcus pasteurii</i>                           | 3 |
| <i>Staphylococcus saccharolyticus</i>                     | 2 |
| <i>Staphylococcus saprophyticus</i>                       | 2 |
| <i>Staphylococcus schleiferi</i> subsp. <i>coagulans</i>  | 2 |
| <i>Staphylococcus schleiferi</i> subsp. <i>schleiferi</i> | 2 |
| <i>Stenotrophomonas maltophilia</i>                       | 2 |
| <i>Streptobacillus moniliformis</i>                       | 2 |
| <i>Streptococcus acidominimus</i>                         | 2 |
| <i>Streptococcus adjacens</i>                             | 2 |
| <i>Streptococcus agalactiae</i>                           | 2 |
| <i>Streptococcus anginosus</i>                            | 2 |
| <i>Streptococcus bovis</i>                                | 2 |
| <i>Streptococcus canis</i>                                | 2 |
| <i>Streptococcus constellatus</i>                         | 2 |
| <i>Streptococcus defectivus</i>                           | 2 |
| <i>Streptococcus dysgalactiae</i>                         | 2 |
| <i>Streptococcus equi</i> subsp. <i>equi</i>              | 2 |
| <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i>     | 2 |
| <i>Streptococcus equinus</i>                              | 2 |
| <i>Streptococcus intermedius</i>                          | 2 |
| <i>Streptococcus mitis</i>                                | 2 |
| <i>Streptococcus mutans</i>                               | 2 |
| <i>Streptococcus oralis</i>                               | 2 |
| <i>Streptococcus parasanguis</i>                          | 2 |
| <i>Streptococcus phocae</i>                               | 2 |
| <i>Streptococcus pneumoniae</i>                           | 2 |
| <i>Streptococcus porcinus</i>                             | 2 |
| <i>Streptococcus pyogenes</i>                             | 2 |
| <i>Streptococcus salivarius</i> subsp. <i>salivarius</i>  | 2 |
| <i>Streptococcus sanguis</i>                              | 2 |
| <i>Streptococcus sobrinus</i>                             | 2 |
| <i>Streptococcus suis</i>                                 | 2 |
| <i>Streptococcus uberis</i>                               | 2 |
| <i>Streptomyces somaliensis</i>                           | 2 |
| <i>Suttonella indologenes</i>                             | 2 |
| <i>Tatlockia macaechernii</i>                             | 2 |
| <i>Tatlockia micdadei</i>                                 | 2 |
| <i>Tatumella ptyseos</i>                                  | 2 |
| <i>Tissierella praeacuta</i>                              | 2 |
| <i>Treponema carateum</i>                                 | 2 |

|  |   |
|--|---|
| Treponema denticola                    | 2 |
| Treponema pallidum                     | 2 |
| Treponema paraluisuniculi              | 2 |
| Treponema pectinovorum                 | 2 |
| Treponema pertenuis                    | 2 |
| Treponema socranskii subsp. buccale    | 2 |
| Treponema socranskii subsp. paridis    | 2 |
| Treponema socranskii subsp. socranskii | 2 |
| Tsukamurella icho                      | 2 |
| Tsukamurella ichonensis                | 2 |
| Turicella otidis                       | 2 |
| Ureaplasma diversum                    | 2 |
| Ureaplasma urealyticum                 | 2 |
| Vagococcus salmoninarum                | 2 |
| Veillonella dispar                     | 2 |
| Vibrio aestuarianus                    | 2 |
| Vibrio carchariae                      | 2 |
| Vibrio cholerae                        | 2 |
| Vibrio cincinnatiensis                 | 2 |
| Vibrio fluvialis                       | 2 |
| Vibrio foetidus                        | 2 |
| Vibrio furnissii                       | 2 |
| Vibrio hollisae                        | 2 |
| Vibrio metschnikovii                   | 2 |
| Vibrio mimicus                         | 2 |
| Vibrio ordalii                         | 2 |
| Vibrio parva                           | 2 |
| Vibrio pseudotuberculosis              | 2 |
| Vibrio salmonicida                     | 2 |
| Vibrio tubiashii                       | 2 |
| Vibrio vulnificus                      | 2 |
| Xanthomonas campestris                 | 2 |
| Yersinia enterocolitica                | 2 |
| Yersinia frederiksenii                 | 2 |
| Yersinia intermedia                    | 2 |
| Yersinia kristensenii                  | 2 |
| Yersinia pestis                        | 3 |
| Yersinia pseudotuberculosis            | 2 |
| Yersinia ruckeri                       | 2 |

**Tabel 4.2.a - Indeling in klassen van plantpathogene bacteriën**

| Familie                  | klasse |
|--------------------------|--------|
| Plantpathogene bacteriën | 2      |

**Tabel 4.3 - Indeling in klassen van pathogene schimmels.**

| Pathogene schimmel    | klasse |
|-----------------------|--------|
| Acremonium falciforme | 2      |
| Acremonium falciforme | 2      |
| Acremonium kiliense   | 2      |

|                                      |   |
|--------------------------------------|---|
| Acremonium recifei                   | 2 |
| Acremonium strictum                  | 2 |
| Ajellomyces dermatitidis             | 3 |
| Arthrotrys oligospora                | 2 |
| Arthroderma benhamiae                | 2 |
| Arthroderma simii                    | 2 |
| Arthroderma vanbreuseghemii          | 2 |
| Arthrographis kalrae                 | 2 |
| Aspergillus flavus                   | 2 |
| Aspergillus fumigatus                | 2 |
| Aspergillus terreus                  | 2 |
| Aspergillus versicolor               | 2 |
| Basidiobolus haptosporus             | 2 |
| Beauveria bassiana                   | 2 |
| Beauveria brongniartii               | 2 |
| Beauveria pseudobassiana             | 2 |
| Blastomyces dermatitidis             | 3 |
| Candida albicans                     | 2 |
| Candida bantianum                    | 3 |
| Candida carrionii                    | 2 |
| Candida glabrata                     | 2 |
| Candida guilliermondii               | 2 |
| Candida krusei                       | 2 |
| Candida lusitanae                    | 2 |
| Candida parapsilosis                 | 2 |
| Candida pseudotropicalis             | 2 |
| Candida stellatoidea                 | 2 |
| Candida trichoides                   | 3 |
| Candida tropicalis                   | 2 |
| Coccidioides immitis                 | 3 |
| Cryptococcus neoformans              | 2 |
| Delacroixia coronata                 | 2 |
| Dipodascus capitatus                 | 2 |
| Emmonsia parva                       | 2 |
| Emmonsia capsulatum                  | 3 |
| Epidermophyton floccosum             | 2 |
| Eremomyces langeronii                | 2 |
| Exophiala castellanii                | 2 |
| Exophiala dermatitidis               | 2 |
| Exophiala jeanselmei                 | 2 |
| Exophiala mansonii                   | 2 |
| Filobasidiella neoformans            | 2 |
| Fomitopsis pinicola                  | 2 |
| Fonsecaea compacta                   | 2 |
| Fonsecaea pedrosi                    | 2 |
| Ganoderma australe                   | 2 |
| Geotrichum capitatum                 | 2 |
| Geotrichum clavatum                  | 2 |
| Graphium eumorphum                   | 2 |
| Histoplasma capsulatum               | 3 |
| Histoplasma capsulatum var. duboisii | 3 |
| Histoplasma duboisii                 | 3 |



|                               |   |
|-------------------------------|---|
| Hortaea werneckii             | 2 |
| Leptosphaeria senegalensis    | 2 |
| Leptosphaeria thompkinsii     | 2 |
| Loboa lobi                    | 2 |
| Madurella grisea              | 2 |
| Madurella mycetomi            | 2 |
| Malassezia pachydermatitis    | 2 |
| Microsporum audouinii         | 2 |
| Microsporum canis             | 2 |
| Microsporum duboisii          | 2 |
| Microsporum equinum           | 2 |
| Microsporum ferrugineum       | 2 |
| Microsporum fulvum            | 2 |
| Microsporum gallinae          | 2 |
| Microsporum gypseum           | 2 |
| Microsporum nanum             | 2 |
| Microsporum persicolor        | 2 |
| Microsporum praecox           | 2 |
| Monosporium apiospermum       | 2 |
| Mortierella wolfii            | 2 |
| Mucor circinelloides          | 2 |
| Nannizzia fulva               | 2 |
| Nannizzia gypsea              | 2 |
| Nannizzia obtusa              | 2 |
| Nannizzia otae                | 2 |
| Nannizzia persicolor          | 2 |
| Ochroconis gallopavum         | 2 |
| Ophiostoma roboris            | 2 |
| Ophiostoma stenoceras         | 2 |
| Paracoccidioides brasiliensis | 3 |
| Penicillium marneffeii        | 2 |
| Phellinus pini                | 2 |
| Phialophora verrucosa         | 2 |
| Pityrosporum orbiculare       | 2 |
| Pyrenochaeta romeroi          | 2 |
| Pythium insidiosum            | 2 |
| Rhinocladiella compacta       | 2 |
| Rhinocladiella pedrosoi       | 2 |
| Rhinocladiella spinifera      | 2 |
| Rhinosporidium seeberi        | 2 |
| Saksenaea vasiformis          | 2 |
| Sarcinomyces phaeomuriformis  | 2 |
| Scedosporium apiospermum      | 2 |
| Scopulariopsis brumptii       | 2 |
| Sporothrix pallida            | 2 |
| Sporothrix schenckii          | 2 |
| Torulopsis glabrata           | 2 |
| Trichophyton concentricum     | 2 |
| Trichophyton equinum          | 2 |
| Trichophyton erinacei         | 2 |
| Trichophyton gallinae         | 2 |
| Trichophyton gourvilii        | 2 |

|                             |   |
|-----------------------------|---|
| Trichophyton megninii       | 2 |
| Trichophyton mentagrophytes | 2 |
| Trichophyton rubrum         | 2 |
| Trichophyton schoenleinii   | 2 |
| Trichophyton simii          | 2 |
| Trichophyton soudanense     | 2 |
| Trichophyton tonsurans      | 2 |
| Trichophyton verrucosum     | 2 |
| Trichophyton violaceum      | 2 |
| Trichophyton yaoundei       | 2 |
| Trichosporon beigelii       | 2 |
| Trichosporon capitatum      | 2 |
| Trichosporon cutaneum       | 2 |

**Tabel 4.3.a Indeling in klassen van plantpathogene schimmels**

| Familie                  | klasse |
|--------------------------|--------|
| Plantpathogene schimmels | 2      |

**Tabel 4.4 - Indeling in klassen van pathogene parasieten.**

| Pathogene parasiet                     | klasse |
|--|--------|
| Babesia bigemina                       | 2      |
| Babesia bovis                          | 2      |
| Babesia canis                          | 2      |
| Babesia divergens                      | 2      |
| Babesia equi                           | 2      |
| Babesia microti                        | 2      |
| Cooperia curticei                      | 2      |
| Cooperia oncophora                     | 2      |
| Cryptosporidium parvum                 | 2      |
| Dictyocaulus viviparus                 | 2      |
| Echinococcus granulosus                | 3      |
| Echinococcus multilocularis            | 3      |
| Eimeria spp.                           | 2      |
| Entamoeba histolytica                  | 2      |
| Fasciola hepatica                      | 2      |
| Giardia spp.                           | 2      |
| Haemonchus contortus                   | 2      |
| Ixodes ricinus                         | 2      |
| Leishmania infantum                    | 2      |
| Leishmania major                       | 2      |
| Leishmania mexicana                    | 2      |
| Leishmania tarentolae                  | 2      |
| Leishmania tropica                     | 2      |
| Neospora caninum                       | 2      |
| Ostertagia ostertagi                   | 2      |
| Plasmodium falciparum                  | 3      |
| Plasmodium spp. (m.u.v. P. falciparum) | 2      |
| Rhipicephalus microplus                | 2      |
| Schistosoma mansoni                    | 2      |

|                           |   |
|---------------------------|---|
| Strongyloides stercoralis | 2 |
| Teladorsagia circumcincta | 2 |
| Theileria annulata        | 2 |
| Toxocara spp.             | 2 |
| Toxoplasma gondii         | 2 |
| Trichinella spiralis      | 2 |
| Trichostrongylus spp.     | 2 |
| Trypanoplasma borreli     | 2 |
| Trypanosoma brucei brucei | 2 |
| Trypanosoma carassii      | 2 |