

Agent	Taxonomy ID*1	Type	Biosecurity			Biosafety and Biosecurity	Biosafety Classification	
			EU Dual-Use Export Control Regime: *2	The Australia Group *3	Select Agents List *4	EU List of Animal Pathogens *5	Risk group classification of the EU Directive 2000/54/EG *6	Risk group 3 and classification of the National List of Pathogenic GMOs *7
Abrin		toxin	Yes	Yes	Yes	No	-	-
Absettarov virus (TBEV, Tick-borne encephalitis virus)	11084	virus	No	No	No	No	3	-
Aethina tumida (Small hive beetle)	116153	parasite	No	No	No	Yes	-	-
African horse sickness virus	40050	virus	Yes	Yes	No	Yes	-	3
African swine fever virus	10497	virus	Yes	Yes	Yes	Yes	-	4
Aflatoxins		toxin	Yes	Yes	No	No	-	-
Akabane virus	70566	virus	No	No	No	No	-	3
Alagoas vesiculovirus (Vesicular stomatitis virus)	1972579	virus	Yes	Yes	No	No	2	3
Andes orthohantavirus (Orthohantavirus andense)	1980456	virus	Yes	Yes	No	No	3	-
Aujeszky's disease virus (Suid alphaherpesvirus 1, Pseudorabies virus)	10345	virus	Yes	Yes	No	Yes	-	3
Australian bat lyssavirus (Lyssavirus australis)	89961	virus	Yes	No	No	No	3	-
Avian influenza virus (see specific lists for details to which subtypes regulation applies)	11309	virus	Yes	Yes	Yes	Yes	3	3
Avian parainfluenza virus 1 (Newcastle disease virus, Parainfluenza virus type 1)	2560319	virus	Yes	Yes	Yes	Yes	2	3
Bacillus anthracis	1392	bacteria	Yes	Yes	Yes	Yes	3	3
Bacillus anthracis Pasteur strain		bacteria	No	No	Yes	No	-	-
Bacillus cereus biovar anthracis	1396	bacteria	No	No	No	No	-	-
Balamuthia mandrillaris	66527	parasite	No	No	No	No	3	-
Bartonella spp. (excluding bacilliformis)	773	bacteria	No	No	No	No	2	3
Batrachochytrium salamandrivorans	1357716	fungi	No	No	No	Yes	-	-
Bayou orthohantavirus	3052470	virus	No	No	No	No	3	-
Black Creek Canal orthohantavirus (Orthohantavirus nigrorivense)	3052490	virus	No	No	No	No	3	-
Blastomyces dermatitidis (Ajellomyces dermatitidis)	5039	fungi	No	No	No	No	3	3
Blastomyces gilchristii	1681229	fungi	No	No	No	No	3	-
Bluetongue virus (see specific lists for details to which subtypes regulation applies)	40051	virus	Yes	Yes	No	Yes	-	3
Bonamia exitiosa	362532	parasite	No	No	No	Yes	-	-
Bonamia ostreae	126728	parasite	No	No	No	Yes	-	-
Borna disease virus 1 and 2	928296	virus	No	No	No	No	-	3
Botulinum (neuro)toxins (see specific lists for details and exceptions)		toxin	Yes	Yes	Yes	No	-	-
Bovine herpesvirus 1	10320	virus	No	No	No	Yes	-	-
Bovine leukemia virus (BLV)	11901	virus	No	No	No	Yes	-	-
Bovine spongiform encephalopathy (BSE, Creutzfeldt-Jakob disease)	36469	prion	No	No	No	No	3	-
Bovine viral diarrhoea virus (BVDV)	11099	virus	No	No	No	Yes	-	-
Brazilian mammarenavirus (Sabia virus)	2907957	virus	Yes	Yes	Yes	No	4	4
Brevetoxins		toxin	No	Yes	No	No	-	-
Brucella abortus	235	bacteria	Yes	Yes	No	Yes	3	3
Brucella canis	36855	bacteria	No	No	No	No	3	3
Brucella celli	120577	bacteria	No	No	No	No	-	3
Brucella inopinata	1218315	bacteria	No	No	No	No	3	3
Brucella melitensis	29459	bacteria	Yes	Yes	No	Yes	3	3
Brucella ovis	236	bacteria	No	No	No	Yes	-	3
Brucella pinnipedialis	120576	bacteria	No	No	No	No	-	3
Brucella suis	29461	bacteria	Yes	Yes	No	Yes	3	3
Brucella spp. other then specified		bacteria	No	No	No	No	-	3
Bungovannah virus	412969	virus	No	No	No	No	-	3
Burkholderia mallei (Pseudomonas mallei)	13373	bacteria	Yes	Yes	Yes	Yes	3	3
Burkholderia pseudomallei (Pseudomonas pseudomallei)	28450	bacteria	Yes	Yes	Yes	No	3	3
Cabassou virus	60879	virus	No	No	No	No	3	-
Campylobacter fetus subspecies venerealis and fetus	196	bacteria	No	No	No	Yes	2	-
Candida bantianum (Cladophialophora bantiana; formerly: Cladosporium trichoides)	89940	fungi	No	No	No	No	-	3
Candida trichoides (Cladophialophora bantiana; formerly: Cladosporium trichoides)	89940	fungi	No	No	No	No	-	3
Cano Delgadito orthohantavirus (Orthohantavirus delgaditoense)	3052476	virus	No	No	No	No	3	-
Cell fusing agent virus (orthobunyavirus and unassigned, flavivirus is class 2)	31658	virus	No	No	No	No	-	3
Central European tick-borne encephalitis virus	11084	virus	No	No	No	No	3	-
Chapare virus (Mammarenavirus chapareense)	3052302	virus	Yes	Yes	Yes	No	4	4
Chikungunya virus	37124	virus	Yes	Yes	No	No	3	3
Chlamydia psittaci (avian strains; syn.: Chlamydia psittaci)	83554	bacteria	Yes	Yes	Yes	Yes	3	3
Chlamydia psittaci (non-avian strains; syn.: Chlamydia psittaci)	83554	bacteria	Yes	Yes	No	No	2	3
Cholera virus	169173	virus	Yes	Yes	No	No	3	-
Cholera toxin		toxin	Yes	No	No	No	-	-
Cladophialophora bantiana (formerly: Xylohypha bantiana, Cladosporium bantianum, trichoides)	89940	fungi	No	No	No	No	3	-
Cladophialophora modesta	633452	fungi	No	No	No	No	3	-
Classical swine fever virus (Hog cholera)	11096	virus	Yes	Yes	Yes	Yes	-	4
Clostridium argentinense (formerly: Clostridium botulinum Type G), botulinum neurotoxin producing strains	29341	bacteria	Yes	Yes	Yes	No	-	2
Clostridium baratii (botulinum neurotoxin producing strains)	1561	bacteria	Yes	Yes	Yes	No	2	2
Clostridium botulinum	1491	bacteria	Yes	Yes	Yes	No	2	2
Clostridium butyricum (botulinum neurotoxin producing strains)	1492	bacteria	Yes	Yes	Yes	No	2	2
Clostridium perfringens (epsilon toxin producing types)	1502	bacteria	Yes	Yes	No	No	2	2
Clostridium perfringens alpha, beta 1, beta 2, epsilon and iota toxins		toxin	Yes	Yes	No	No	2	-
Clostridium spp. (other botulinum neurotoxin producing strains)	1485	bacteria	No	No	Yes	No	2	2
Clostridium tetani	1513	bacteria	No	No	No	No	2	2
Cocal vesiculovirus (see Vesiculovirus cocal, Vesicular stomatitis virus)	1972572	virus	No	No	No	No	-	3
Coccidioides immitis	5501	fungi	Yes	Yes	No	No	3	3
Coccidioides posadasii	199306	fungi	Yes	Yes	No	No	3	-
Conotoxins		toxin	Yes	Yes	Yes	No	-	-
Coxiella burnetii	777	bacteria	Yes	Yes	Yes	Yes	3	3
Creutzfeldt-Jakob disease (see Bovine spongiform encephalopathy)	36469	prion	No	No	No	No	3	-
Crimean-Congo haemorrhagic fever virus	3052518	virus	Yes	Yes	Yes	No	4	4
Denguevirus (serotypes 1, 2, 3, and 4)	12637	virus	No	No	No	No	3	3
Diactoxyscirpenol		toxin	Yes	Yes	Yes	No	-	-
Dobrava-Belgrade orthohantavirus (Orthohantavirus dobravaense)	3052477	virus	Yes	Yes	No	No	3	-
Duvenhage lyssavirus (Lyssavirus duvenhage)	38767	virus	Yes	Yes	No	No	3	3
Eastern equine encephalitis virus	11021	virus	Yes	Yes	Yes	Yes	3	3
Ebolavirus (all members of the Ebolavirus genus, Orthobolavirus)	3044781	virus	Yes	Yes	Yes	Yes	4	4
Echinococcus granulosus	6210	parasite	No	No	No	No	3	3
Echinococcus multilocularis	6211	parasite	No	No	No	Yes	3	3
Echinococcus oligarthrus	6212	parasite	No	No	No	No	3	-
Echinococcus vogeli	6213	parasite	No	No	No	No	3	-
Ei Moro Canyon orthohantavirus	3052487	virus	No	No	No	No	3	-
Emmonsia capsulatum (Histoplasma capsulatum)	5037	fungi	No	No	No	No	-	3
Enterohaemorrhagic Escherichia coli (EHEC) (Shiga toxin producing Escherichia coli (STEC) verotoxin producing E. coli (VTEC), verocytotoxin producing E. coli (VTEC)	562	bacteria	Yes	Yes	No	No	3	3
Enterovirus C Poliovirus type 2	12085	virus	No	No	No	No	3	3
Enterovirus C Poliovirus type 1 and 3	12085	virus	No	No	No	No	3	3
Epizootic haematopoietic necrosis virus	100217	virus	No	No	No	Yes	-	-
Epizootic hemorrhagic disease virus	40054	virus	No	No	No	Yes	-	3
Equine arteritis virus	11047	virus	No	No	No	Yes	-	2
Equine encephalosis virus (EEV)	201490	virus	No	No	No	No	-	3
Equine infectious anemia virus (EIAV)	11665	virus	No	No	No	Yes	-	-
Equine morbillivirus (Hendra virus, Henipavirus hendraense)	3052223	virus	Yes	Yes	No	No	4	4
Escherichia coli, shigatoxin producing strains (STEC, VHEC and EHEC)	562	bacteria	Yes	Yes	No	No	3	3
European bat lyssavirus 1	57482	virus	No	No	No	No	3	-
European bat lyssavirus 2	57483	virus	Yes	No	No	No	3	-
Everglades virus	2083198	virus	No	No	No	No	3	-
Flexal mammarenavirus (Mammarenavirus flexalense)	3052305	virus	No	No	No	No	3	-
Foot-and-mouth disease virus	12110	virus	Yes	Yes	Yes	Yes	-	4

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<i>Francisella tularensis</i> (see EU Directive and GMO for classification of specific subspecies)	263	bacteria	Yes	Yes	Yes	No	-	2
<i>Francisella tularensis</i> (Type B)	119857	bacteria	Yes	Yes	Yes	No	-	2
<i>Francisella tularensis</i> subspecies <i>holarctica</i>	119857	bacteria	Yes	Yes	Yes	No	2	3
<i>Francisella tularensis</i> subspecies <i>mediasiatica</i>	135249	bacteria	Yes	Yes	Yes	No	2	3
<i>Francisella tularensis</i> subspecies <i>tularensis</i>	119856	bacteria	Yes	Yes	Yes	No	3	3
<i>Fusarium langsethiae</i>	179993	fungi	No	W	No	No	-	-
<i>Fusarium sporotrichioides</i>	5514	fungi	No	W	No	No	-	-
Gerstmann-Straussler-Scheinkersyndrom	36469	prion	No	No	No	No	3	-
Goatpox virus	166805	virus	Yes	Yes	Yes	Yes	-	3
Gonyautoxins		toxin	No	Yes	No	No	-	-
Guanarito mammarenavirus (Mammarenavirus guanaritoense)	3052307	virus	Yes	Yes	Yes	No	4	4
Hantaan (orthohanta) virus	3052480	virus	Yes	Yes	No	No	3	-
Hanzalova virus (Tick-borne encephalitis virus, TBEV)	11084	virus	No	No	No	No	3	-
Hendra virus (Equine morbillivirus, Henipavirus hendraense)	3052223	virus	Yes	Yes	Yes	No	4	4
Henipavirus hendraense (Hendra virus, Equine morbillivirus)	3052223	virus	Yes	Yes	Yes	No	4	4
Henipavirus nipahense (Nipah virus)	3052225	virus	Yes	Yes	Yes	No	4	4
Hepatitis B virus	10407	virus	No	No	No	No	3	2
Hepatitis C virus (see Orthohepacivirus hominis)	3052230	virus	No	No	No	No	3	2
Hepatitis G virus (see GB virus C)	54290	virus	No	No	No	No	3	-
Hepatitis viruses (undefined variants)		virus	No	No	No	No	3	-
<i>Histoplasma capsulatum</i>	5037	fungi	No	No	No	No	3	3
<i>Histoplasma capsulatum</i> var. <i>farciminosum</i>	149547	fungi	No	No	No	No	3	-
<i>Histoplasma duboisii</i>	544711	fungi	No	No	No	No	3	3
Hog cholera (Classical swine fever virus)	11096	virus	Yes	Yes	Yes	Yes	-	4
HT-2 toxin		toxin	Yes	Yes	No	No	-	-
Huaiyangshan virus (Henan fever virus)	1001303	virus	No	No	No	No	-	4
Human immunodeficiency virus 1 (HIV)	11676	virus	No	No	No	No	3	3
Human immunodeficiency virus 2 (HIV)	11709	virus	No	No	No	No	3	3
Human T-lymphotropic viruses (HTLV), type 1	11926	virus	No	No	No	No	3	3
Human T-lymphotropic viruses (HTLV), type 2	11909	virus	No	No	No	No	3	3
Hypr virus (Tick-borne encephalitis virus, TBEV)	70733	virus	No	No	No	No	3	-
Indiana vesiculovirus (Vesicular stomatitis virus)	1972577	virus	Yes	Yes	No	No	2	3
Infectious haematopoietic necrosis virus (salmonid novirhabdovirus)	11290	virus	No	No	No	Yes	-	-
Infectious salmon anemia virus (ISAV) (highly polymorphic region (HPR)-deleted ISAV)	2907958	virus	No	No	No	Yes	-	-
Japanese encephalitis virus	11072	virus	Yes	Yes	No	Yes	3	3
Junjo virus (Mammarenavirus juninense)	2169991	virus	Yes	Yes	Yes	No	4	4
Koi herpesvirus (Cyprinid herpesvirus 3)	180230	virus	No	No	No	Yes	-	-
Kumlinge virus (Tick-borne encephalitis virus, TBEV)	11092	virus	No	No	No	No	3	-
Kuru	36469	prion	No	No	No	No	3	-
Kyasaur Forest disease virus	33743	virus	Yes	Yes	Yes	No	3	-
La Crosse orthobunyavirus (Orthobunyavirus lacrosseense)	3052409	virus	No	No	No	No	-	3
Lagos bat lyssavirus (Lyssavirus lagos)	38766	virus	No	No	No	No	3	-
Laguna Negra virus (Orthohantavirus negraense)	3052489	virus	Yes	Yes	No	No	3	-
Lassa (fever) virus (Mammarenavirus lassaeense)	3052310	virus	Yes	Yes	Yes	No	4	4
<i>Legionella pneumophila</i>	446	bacteria	No	W	No	No	2	2
<i>Leishmania braziliensis</i>	5660	parasite	No	No	No	No	3	-
<i>Leishmania chagasi</i>	44271	parasite	No	No	No	No	3	-
<i>Leishmania donovani</i>	5661	parasite	No	No	No	No	3	-
<i>Leishmania guyanensis</i> (Vianna guyanensis)	5670	parasite	No	No	No	No	3	-
<i>Leishmania infantum</i>	5671	parasite	No	No	No	No	3	2
<i>Leishmania panamensis</i> (Vianna panamensis)	5679	parasite	No	No	No	No	3	-
Louping ill virus	11086	virus	Yes	Yes	No	No	3	-
Lujov virus (Lujov Mammarenavirus, Mammarenavirus lujovense)	3052314	virus	Yes	Yes	Yes	No	4	4
Lumpy skin disease virus	59099	virus	Yes	Yes	Yes	Yes	-	3
Lymphocytic choriomeningitis virus (Mammarenavirus choriomeningitidis)	3052303	virus	Yes	Yes	No	No	2	3
Lyssavirus genus	11286	virus	Yes	No	No	No	-	3
Macacine (alpha)herpesvirus 1 (Herpesvirus simiae, Herpes B virus)	10325	virus	No	No	No	No	3	3
Macropo virus (Mammarenavirus machupoense)	3052317	virus	Yes	Yes	Yes	No	4	4
Marburg virus (all members of the Marburg genus, including Ravn virus)	3052505	virus	Yes	Yes	Yes	No	4	4
<i>Marteilia refringens</i>	107386	parasite	No	No	No	Yes	-	-
Mayaro virus	59301	virus	No	No	No	No	3	3
Microcystins (Cyanoginsins)		toxin	Yes	Yes	No	No	-	-
Middle East respiratory syndrome-related coronavirus (MERS-CoV)	1335626	virus	Yes	Yes	No	No	3	3
<i>Mikrocytos mackini</i>	195010	parasite	No	No	No	Yes	-	-
Modeccin		toxin	Yes	Yes	No	No	-	-
Mokola virus (Lyssavirus mokola)	12538	virus	Yes	No	No	No	3	3
Monkeypox virus	10244	virus	Yes	Yes	Yes	No	3	-
Mucambo virus	60875	virus	No	No	No	No	3	-
Murray Valley encephalitis virus (Australian encephalitis virus)	11079	virus	Yes	Yes	No	No	3	-
<i>Mycobacterium africanum</i>	33894	bacteria	No	No	No	No	3	3
<i>Mycobacterium avium</i> subsp. <i>Paratuberculosis</i>	1770	bacteria	No	No	No	Yes	2	-
<i>Mycobacterium bovis</i> (except BCG strain)	1765	bacteria	No	No	No	Yes	3	3
<i>Mycobacterium caprae</i> (<i>Mycobacterium tuberculosis</i> subsp. <i>caprae</i>)	115862	bacteria	No	No	No	Yes	3	-
<i>Mycobacterium leprae</i>	1769	bacteria	No	No	No	No	3	3
<i>Mycobacterium microti</i>	1806	bacteria	No	No	No	No	3	3
<i>Mycobacterium pinnipedii</i>	194542	bacteria	No	No	No	No	3	-
<i>Mycobacterium tuberculosis</i>	1773	bacteria	No	No	No	Yes	3	3
<i>Mycobacterium ulcerans</i>	1809	bacteria	No	No	No	No	3	3
<i>Mycoplasma capricolum</i> subspecies <i>capripneumoniae</i> (strain F38)	40480	bacteria	Yes	Yes	Yes	Yes	-	-
<i>Mycoplasma gallisepticum</i>	2096	bacteria	No	No	No	Yes	-	-
<i>Mycoplasma meleagridis</i>	29561	bacteria	No	No	No	Yes	-	-
<i>Mycoplasma mycoides</i> subspecies <i>mycoides</i> SC (small colony)	272632	bacteria	Yes	Yes	Yes	Yes	-	-
<i>Naegleria fowleri</i>	5763	parasite	No	No	No	No	3	-
Ndumu virus	59302	virus	No	No	No	No	3	-
Negishi virus (Tick-borne encephalitis virus, TBEV)	11094	virus	No	No	No	No	3	-
Neosaxitoxin (NEO)		toxin	No	Yes	No	No	-	-
Newcastle disease virus (Avian parainfluenza virus 1, Parainfluenza virus type 1)	2560319	virus	Yes	Yes	Yes	Yes	2	3
New Jersey vesiculovirus (Vesicular stomatitis virus)	1972578	virus	Yes	Yes	No	No	2	3
Nipah virus (Henipavirus nipahense)	3052225	virus	Yes	Yes	Yes	No	4	4
Nodularins		toxin	No	Yes	No	No	-	-
Omsk hemorrhagic fever virus	12542	virus	Yes	Yes	Yes	No	3	-
<i>Orientia tsutsugamushi</i> (<i>Rickettsia tsutsugamushi</i>)	784	bacteria	No	No	No	No	3	3
Oropouche virus	118655	virus	Yes	Yes	No	No	3	-
Orthobornavirus bornaense 1 (Borna disease virus 1)	1714621	virus	No	No	No	No	-	3
Orthobornavirus bornaense 2 (Borna disease virus 2)	1714622	virus	No	No	No	No	-	3
<i>Paenibacillus larvae</i>	1464	bacteria	No	No	No	Yes	-	-
<i>Palytoxin</i>		toxin	No	Yes	No	No	-	-
<i>Paracoccidioides brasiliensis</i>	121759	fungi	No	No	No	No	3	3
<i>Paracoccidioides lutzii</i>	1048829	fungi	No	No	No	No	3	-

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Parainfluenza viruses type 1 (Avian parainfluenza virus 1, Newcastle disease virus)	2560319	virus	Yes	Yes	Yes	Yes	2	3
<i>Perkinsus marinus</i>	423536	parasite	No	No	No	Yes	-	-
Peste-des-petits-ruminants virus	2593991	virus	Yes	Yes	Yes	Yes	-	3
Phyllostomus bat morbillivirus	2853285	virus	No	No	No	No	-	3
<i>Plasmodium falciparum</i>	5833	parasite	No	No	No	No	3	3
<i>Plasmodium knowlesi</i>	5850	parasite	No	No	No	No	3	-
Porcine enterovirus 1 (see Porcine teschovirus, Teschovirus A1)	85506	virus	Yes	Yes	No	No	-	-
Porcine morbillivirus	2846955	virus	No	No	No	No	-	3
Porcine reproductive and respiratory syndrome virus	28344	virus	No	No	No	Yes	-	-
Porcine teschovirus 1 (Porcine enterovirus 1, Teschovirus A1)	85506	virus	Yes	Yes	No	No	-	-
Powassan virus	11083	virus	Yes	Yes	No	No	3	-
Primate T-lymphotropic virus 1	194440	virus	No	No	No	No	3	3
Primate T-lymphotropic virus 2	194441	virus	No	No	No	No	3	3
Primate T-lymphotropic virus 3	194443	virus	No	No	No	No	-	3
<i>Pseudomonas mallei</i> (<i>Burkholderia mallei</i>)	13373	bacteria	Yes	Yes	Yes	Yes	3	3
<i>Pseudomonas pseudomallei</i> (<i>Burkholderia pseudomallei</i>)	28450	bacteria	Yes	Yes	Yes	No	3	3
Pseudorabies virus (PRV, Suid alphaherpesvirus 1, Aujeszky's disease virus)	10345	virus	Yes	Yes	No	Yes	-	3
Rabies virus (<i>Lysavirus rabies</i>)	11292	virus	Yes	Yes	No	Yes	3	3
Reconstructed 1918 influenza virus (H1N1)	88776	virus	Yes	Yes	Yes	No	3	-
<i>Rhinocladia mackenziei</i>	86056	fungi	No	No	No	No	3	-
Ricin		toxin	Yes	Yes	Yes	No	-	-
<i>Rickettsia africana</i>	35788	bacteria	No	No	No	No	3	-
<i>Rickettsia akari</i>	786	bacteria	No	No	No	No	3	-
<i>Rickettsia australis</i>	787	bacteria	No	No	No	No	3	-
<i>Rickettsia canadensis</i>	788	bacteria	No	No	No	No	2	3
<i>Rickettsia conorii</i>	781	bacteria	No	No	No	No	3	3
<i>Rickettsia conorii</i> subsp. <i>heilongjiangensis</i> (<i>Rickettsia heilongjiangensis</i>)	226665	bacteria	No	No	No	No	3	-
<i>Rickettsia heilongjiangensis</i> (<i>Rickettsia conorii</i> subsp. <i>heilongjiangensis</i>)	226665	bacteria	No	No	No	No	3	-
<i>Rickettsia japonica</i>	35790	bacteria	No	No	No	No	3	3
<i>Rickettsia montana</i>	33991	bacteria	No	No	No	No	2	3
<i>Rickettsia mooseri</i> (<i>Rickettsia typhi</i>)	785	bacteria	No	No	No	No	3	3
<i>Rickettsia prowazekii</i>	782	bacteria	Yes	Yes	Yes	No	3	3
<i>Rickettsia rickettsii</i>	783	bacteria	No	No	No	No	3	3
<i>Rickettsia sibirica</i>	35793	bacteria	No	No	No	No	3	-
<i>Rickettsia tsutsugamushi</i> (<i>Orientia tsutsugamushi</i>)	784	bacteria	No	No	No	No	3	3
<i>Rickettsia typhi</i> (<i>Rickettsia mooseri</i>)	785	bacteria	No	No	No	No	3	3
Rift Valley fever virus	11588	virus	Yes	Yes	Yes	Yes	3	-
Rinderpest (morbilli) virus	11241	virus	Yes	Yes	Yes	Yes	-	4
Rocio virus	64315	virus	Yes	Yes	No	No	3	-
Russian Spring-Summer encephalitis virus (Tick-borne encephalitis virus, TBEV)	64316	virus	No	No	No	No	3	-
Sabia virus (Brazilian mammarynavirus)	2907957	virus	Yes	Yes	Yes	No	4	4
<i>Salmonella arizonae</i> (<i>Salmonella enterica</i> subsp. <i>Arizonae</i>)	59203	bacteria	No	No	No	Yes	2	-
<i>Salmonella gallinarum</i> (<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Gallinarum</i>)	594	bacteria	No	No	No	Yes	-	-
<i>Salmonella pullorum</i> (<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Pullorum</i>)	605	bacteria	No	No	No	Yes	-	-
<i>Salmonella typhi</i> (<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhi</i>)	90370	bacteria	Yes	Yes	No	No	3	3
Saxitoxin		toxin	Yes	Yes	Yes	No	-	-
Seneca valley virus (Senecavirus A)	390157	virus	No	No	No	No	-	3
Seoul virus (Orthohantavirus seoulense)	3052498	virus	Yes	Yes	No	No	3	-
Severe acute respiratory syndrome-related coronavirus (SARS-related strains) (see specific lists for details to which subtypes regulation applies)	694009	virus	Yes	Yes	Yes	No	3	3
Severe Fever with Thrombocytopenia Syndrome-Virus (SFTS phlebovirus)	1003835	virus	No	No	No	No	3	-
SFTS phlebovirus (Severe Fever with Thrombocytopenia Syndrome-Virus)	1003835	virus	No	No	No	No	3	-
Sheepox virus	10266	virus	Yes	Yes	Yes	Yes	-	3
Shiga toxin producing <i>Escherichia coli</i> (STEC) (<i>Enterohaemorrhagische E. coli</i> (EHEC), verotoxin producing <i>E. coli</i> (VTEC), verocytotoxin producing <i>E. coli</i> (VTEC))	562	bacteria	Yes	Yes	No	No	3	3
Shiga toxins (shiga-like toxins, verotoxins and verocytotoxins)		toxin	Yes	Yes	No	No	-	-
<i>Shigella dysenteriae</i>	622	bacteria	Yes	Yes	No	No	2	-
<i>Shigella dysenteriae</i> 1	984997	bacteria	Yes	Yes	No	No	3	-
Simian immunodeficiency virus (SIV)	11723	virus	No	No	No	No	2	3
Sin Nombre virus (Orthohantavirus sinnombrense; formerly: Muerto Canyon)	3052499	virus	Yes	Yes	No	No	3	3
St. Louis encephalitis virus	11080	virus	Yes	Yes	No	No	3	-
Staphylococcus aureus enterotoxins, hemolysin alpha toxin, and toxic shock syndrome toxin (formerly known as Staphylococcus enterotoxin F)		toxin	Yes	Yes	No	No	-	-
Staphylococcal enterotoxins (subtypes A-E)		toxin	No	No	Yes	No	-	-
Staphylococcus pasteurii	45972	bacteria	No	No	No	No	-	3
Suid (alpha)herpesvirus 1 (Pseudorabies virus, Aujeszky's disease virus)	10345	virus	Yes	Yes	No	Yes	-	3
Swine vesicular disease virus	12075	virus	Yes	Yes	Yes	No	-	3
T-2 toxin		toxin	Yes	Yes	Yes	No	-	-
<i>Taenia solium</i>	6204	parasite	No	No	No	No	3	-
Taura syndrome virus	142102	virus	No	No	No	Yes	-	-
<i>Taylorella equigenitalis</i>	29575	bacteria	No	No	No	Yes	-	-
Tetradotoxin		toxin	Yes	Yes	Yes	No	-	-
Tick-borne encephalitis virus European subtype (TBEV-Eu)	11084	virus	No	No	No	No	3	3
Tick-borne encephalitis virus Far Eastern subtype (TBEV-FE)	11084	virus	Yes	Yes	Yes	No	3	3
Tick-borne encephalitis virus Siberian subtype (TBEV-Sib)	11084	virus	No	No	Yes	No	3	3
<i>Trichostrongylus axei</i>	1144522	parasite	No	No	No	Yes	-	-
Toggenburg virus (Toggenburg Orbivirus)	n/a	virus	No	No	No	No	-	3
Tonate virus	60877	virus	No	No	No	No	3	-
Transmissible spongiform encephalopathies (TSEs)	36469	prion	No	No	No	No	3	-
<i>Tropilaelaps spp</i>	208207	parasite	No	No	No	Yes	-	-
<i>Trypanosoma brucei rhodesiense</i>	31286	parasite	No	No	No	No	3	-
<i>Trypanosoma cruzi</i>	5693	parasite	No	No	No	No	3	-
<i>Trypanosoma equiperdum</i>	5694	parasite	No	No	No	Yes	-	-
<i>Trypanosoma evansi</i>	5697	parasite	No	No	No	Yes	-	-
Teschovirus A1 (see Porcine teschovirus, Porcine enterovirus 1)	85506	virus	Yes	Yes	No	No	-	-
Variola virus (major, smallpox virus)	12870	virus	Yes	Yes	Yes	No	4	-
Variola virus (minor, also known as Alastrim)	53258	virus	Yes	Yes	Yes	No	4	-
Vartov spp.	62624	virus	No	No	No	Yes	-	-
Venezuelan equine encephalitis virus (VEEV)	11036	virus	Yes	Yes	Yes	Yes	3	3
Verotoxin producing <i>E. coli</i> (VTEC) or verocytotoxin producing <i>E. coli</i> (VTEC) (<i>Enterohaemorrhagische E. coli</i> (EHEC), <i>Shiga toxin producing Escherichia coli</i> (STEC))	562	bacteria	Yes	Yes	No	No	3	3
Vesicular stomatitis virus (Alagoas vesiculovirus, Cocal vesiculovirus*, Indiana vesiculovirus, New Jersey vesiculovirus)	11276	virus	Yes	Yes	No	No	2	3
Vesiculovirus cocal (Cocal vesiculovirus, Vesicular stomatitis virus)	1972572	virus	No	No	No	No	-	3
<i>Vibrio cholerae</i>	666	bacteria	No	Yes	No	No	2	2
Viral haemorrhagic septicemia virus	11287	bacteria	No	No	No	Yes	-	-
Viscumin (Viscum album lectin 1)		toxin	Yes	Yes	No	No	-	-
Volskenin		toxin	Yes	Yes	No	No	-	-
Wesselsbron virus	164416	virus	No	No	No	No	3	-
West Nile virus (WNV)	11082	virus	No	No	No	Yes	3	3
Western equine encephalitis virus	11039	virus	Yes	Yes	No	Yes	3	3
Whitespot syndrome virus (Whispovirus xiabaidian)	342409	virus	No	No	No	Yes	-	-
Whitewater Arroyo mammarynavirus (Mammarynavirus whitewaterense)	3052331	virus	No	No	No	No	3	4
Yellow fever virus (YFV)	11089	virus	Yes	Yes	No	No	3	3
Yellow head virus (YHV)	96029	virus	No	No	No	Yes	-	-

Agent	Taxonomy ID*1	Type	Biosecurity			Biosafety and Biosecurity	Biosafety Classification	
			EU Dual-Use Export Control Regime: *2	The Australia Group *3	Select Agents List *4		Risk group classification of the EU Directive 2000/54/EG *6	Risk group 3 and 4 of the National List of Pathogenic GMOs *7
<i>Yersinia pestis</i>	632	bacteria	Yes	Yes	Yes	No	3	3
<i>Yersinia pseudotuberculosis</i>	633	bacteria	No	W	No	No	2	2
Yokose virus	64294	virus	No	No	No	No	-	3
Zika virus (ZIKV)	64320	virus	No	No	No	No	2	3

Explanation
The table lists high-risk pathogens and pathogens included in various biosecurity lists in alphabetical order. The initial selection is based on the biosecurity lists.
Name of agent: When several names are known for a pathogen, they appear in several places in the table. The other names of the agent are given in parentheses.
Biosecurity: "Yes" and "No" indicate whether or not the microorganism appears on the list. "W" means that the microorganism is not on the list, but serves as a warning.
Biosafety Classification: the numbers indicate the classification, "-" means that the microorganism is not classified.

Note
Please note that the EU Dual-Use Export Control Regime (entry 1C353), the Australia Group and the Select Agents also regulate certain genetic elements and genetically modified organisms (GMOs) associated with the listed biological agents. Please consult the relevant control lists for the specific criteria and applicable scope.

References
*1. The Taxonomy Database is a curated classification and nomenclature for all of the organisms in the public sequence databases: <https://www.ncbi.nlm.nih.gov/taxonomy>
*2. EU Dual-Use export control regime: Regulation (EU) 2021/821 of the European Parliament and of the Council of 20 May 2021 setting up a Union regime for the control of exports, brokering, technical assistance, transit and transfer of dual-use items (version 26-05-2023)
*3. The Australia Group - Biological Agents (version 30-11-2022)
*4. HHS and USDA Select Agents and Toxins. 7 CFR Part 331, 9 CFR Part 121, and 42 CFR Part 73 (version 30-08-2022)
*5. Commission Implementing Regulation (EU) 2018/1882 of 3 December 2018 on the application of certain disease prevention and control rules to categories of listed diseases and establishing a list of species and groups of species posing a considerable risk for the spread of those listed diseases (version 01-02-2024)
*6. Commission Directive (EU) 2019/1833 of 24 October 2019 amending Annexes I, III, V and VI to Directive 2000/54/EC of the European Parliament and of the Council as regards purely technical adjustments (version 24-06-2020)
*7. List of pathogenic microorganisms and agents, National Regulation on Genetically Modified Organisms (GMO) 2013, Ministry of Infrastructure and Water Management, The Netherlands (Appendix 4) (version 01-07-2022)