

(1) BSL

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BSL				
BSL1	Adeno-associated virus	BSL2 BCG	BSL2 3	BSL2
BSL2	<p>Aichi virus</p> <p>Apoi virus</p> <p>Aroa virus</p> <p>Avian infectious bronchitis virus (Infectious bronchitis virus)</p> <p>B19 virus (Parvovirus)</p> <p>Bebaru virus</p> <p>BK polyomavirus</p> <p>Bluetongue virus</p> <p>Borna disease virus</p> <p>Bovine coronavirus</p> <p>Bovine spongiform encephalopathy (BSE)³⁾</p> <p>Bunyamwera virus</p> <p>California encephalitis virus</p> <p>Canine adenovirus (Infectious canine hepatitis virus)</p> <p>Canine coronavirus</p> <p>Canine distemper virus</p> <p>Canine parvovirus (Parvovirus)</p> <p>Caviid herpesvirus 1 (Guinea pig herpesvirus)</p> <p>Cercopithecine herpesvirus 12 (Herpes virus papio)</p> <p>Cercopithecine herpesvirus 16 (Herpes virus papio 2)</p> <p>Cosa virus</p> <p>Cowpox virus</p> <p>Creutzfeldt-Jakob disease CJD⁴⁾</p> <p>Dengue virus</p> <p>Ectromelia virus (Mbusopox virus)¹⁾</p> <p>Encephalomyocarditis virus</p> <p>Felid herpesvirus 1 (Feline viral rhinotracheitis virus)</p> <p>Feline calicivirus</p> <p>Feline immunodeficiency virus</p> <p>Feline infectious peritonitis virus</p> <p>Feline leukemia virus</p> <p>Feline panleukopenia virus</p> <p>Feline viral rhinotracheitis virus (Felid herpesvirus 1)</p> <p>Gibbon ape leukemia virus</p> <p>Guinea pig herpesvirus (Caviid herpesvirus 1)</p> <p>Hepatitis A virus</p> <p>Hepatitis B virus</p> <p>Hepatitis C virus</p> <p>Hepatitis E virus</p> <p>Hepatitis G virus</p> <p>Hepatitis delta virus</p> <p>Herpes virus papio (Cercopithecine herpesvirus 12)</p>	<p><i>Acinetobacter baumannii</i></p> <p><i>Actinobacillus actinomycetemcomitans</i></p> <p><i>Aggregatibacter actinomycetemcomitans</i>, <i>Haemophilus actinobacillus capsulatus</i></p> <p><i>Actinobacillus equuli</i> subsp. <i>equuli</i>, <i>haemolyticus</i></p> <p><i>Actinobacillus lignieresii</i></p> <p><i>Actinobacillus pleuropneumoniae</i></p> <p><i>Actinobacillus suis</i></p> <p><i>Actinobacillus ureae</i></p> <p><i>Actinomadura madurae</i></p> <p><i>Actinomadura pelletieri</i></p> <p><i>Actinomyces bovis</i></p> <p><i>Actinomyces israelii</i></p> <p><i>Actinomyces pyogenes</i> <i>Arcanobacterium pyogenes</i> <i>Corynebacterium pyogenes</i></p> <p><i>Actinomyces viscosus</i></p> <p><i>Aeromonas hydrophila</i></p> <p><i>Aeromonas sobria</i></p> <p><i>Aeromonas veronii</i></p> <p><i>Aggregatibacter actinomycetemcomitans</i></p> <p><i>Haemophilus actinomycetemcomitans</i>, <i>Actinobacillus actinomycetemcomitans</i></p>	<p><i>Aspergillus fumigatus</i></p> <p><i>Candida albicans</i></p> <p><i>Cladosporium carrionii</i></p> <p><i>Cladosporium trichoides (C. bantianum)</i></p> <p><i>Cryptococcus neoformans</i></p> <p><i>Exophiala dermatitidis</i></p> <p><i>Fonsecaea pedrosai</i></p> <p><i>Microsporium canis</i></p> <p><i>Sporothrix schenckii</i></p>	<p><i>Acanthamoeba</i></p> <p><i>Angiostrongylus</i></p> <p><i>Anisakinae</i></p> <p><i>Ascarididae</i></p> <p><i>Babesia</i></p> <p><i>Balanuthia mandrillaris</i></p> <p><i>Balantidium coli</i></p> <p><i>Brachiola</i></p> <p><i>Cryptosporidium parvum</i></p> <p><i>Cyclospora</i></p> <p><i>Diphyllobothrium</i></p> <p><i>Echinococcus</i></p> <p><i>Eimeria</i></p> <p><i>Encephalitozoon</i></p> <p><i>Enterocytozoon</i></p> <p><i>Entamoeba</i></p> <p><i>Giardia</i></p> <p><i>Isospora</i></p> <p><i>Kudoa septempunctata</i></p> <p><i>Leishmania</i></p> <p><i>Naegleria</i></p> <p><i>Neospora caninum</i></p> <p><i>Nosema</i></p>

BSL				
BSL2	<p>Parvovirus B19 virus (Canine parvovirus)</p> <p>Pneumonia virus of mice (Murine pneumonia virus)</p> <p>Poliovirus</p> <p>Porcine epidemic diarrhea virus</p> <p>Primate T-lymphotropic virus 1 (Human T-lymphotropic virus 1)</p> <p>Primate T-lymphotropic virus 2 (Human T-lymphotropic virus 2)</p> <p>Pseudorabies virus (Suid herpesvirus 1)</p> <p>Rabbitpox virus</p> <p>Rabies virus (CVS, ERA, Flury Fuenzalida S-51, Fuenzalida S-91, Kelev, LEP, Nishigahara, Paris Pasteur, PMPV, SAD, Vnukovo-32)</p> <p>Rabies virus (HEP, RC HL)</p> <p>Rat coronavirus</p> <p>Rat virus (Kilham rat virus)</p> <p>Rio Bravo virus</p> <p>Rotavirus</p> <p>Rotavirus B</p> <p>Rotavirus C</p> <p>Rotavirus D</p> <p>Rotavirus E</p> <p>Rubella virus</p> <p>Saffold virus (SAFV)</p> <p>Saimiriine herpesvirus 2</p> <p>Sapporo virus</p> <p>Scrapie</p> <p>Sendai virus ¹⁾</p> <p>Sialodacryoadenitis virus</p> <p>Simbu virus</p> <p>Simian adenovirus</p> <p>Simian immunodeficiency virus</p> <p>Simian virus 40</p> <p>Sindbis virus</p> <p>Suid herpesvirus 1 (Pseudorabies virus)</p> <p>Tanapox virus</p> <p>Theilovirus</p> <p>Transmissible gastroenteritis virus</p> <p>Torque Teno virus (TTV)</p> <p>Vaccinia virus</p> <p>Vesicular stomatitis (Alagoas virus)</p> <p>Vesicular stomatitis (Indiana virus)</p> <p>Yaba monkey tumor virus</p> <p>yokose virus</p>	<p><i>Branhamella ovis</i></p> <p><i>Moraxella ovis</i></p> <p><i>Burkholderia cepacia</i></p> <p><i>Calymmatobacterium granulomatis</i></p> <p><i>Campylobacter coli</i></p> <p><i>Campylobacter fetus</i></p> <p><i>Campylobacter fetus</i> subsp. <i>fetus</i></p> <p><i>Campylobacter fetus</i> subsp. <i>venerealis</i></p> <p><i>Campylobacter jejuni</i></p> <p><i>Capnocytophaga canimorsus</i></p> <p><i>Capnocytophaga cynodegmi</i></p> <p><i>Capnocytophaga gingivalis</i></p> <p><i>Capnocytophaga granulosa</i></p> <p><i>Capnocytophaga haemolytica</i></p> <p><i>Capnocytophaga leadbetteri</i></p> <p><i>Capnocytophaga ochracea</i></p> <p><i>Capnocytophaga sputigena</i></p> <p><i>Cardiobacterium hominis</i></p> <p><i>Chlamydia muridarum</i></p> <p><i>Chlamydia suis</i></p> <p><i>Chlamydia trachomatis</i></p> <p><i>Chlamydia abortus</i></p> <p><i>Chlamydia caviae</i></p> <p><i>Chlamydia felis</i></p> <p><i>Chlamydia pecorum</i></p> <p><i>Chlamydia pneumoniae</i></p> <p><i>Chlamydia psittaci</i> ¹⁾</p> <p><i>Chromobacterium violaceum</i></p> <p><i>Chryseobacterium meningosepticum</i></p> <p><i>Elizabethkingia meningoseptica</i></p> <p><i>Citrobacter freundii</i></p> <p><i>Citrobacter rodentium</i></p> <p><i>Clostridium argentinense</i></p> <p><i>Clostridium botulinum</i></p> <p><i>Clostridium chauvoei</i></p> <p><i>Clostridium colinum</i></p> <p><i>Clostridium difficile</i></p> <p><i>Clostridium haemolyticum</i></p> <p><i>Clostridium histolyticum</i></p> <p><i>Clostridium novyi</i></p> <p><i>Clostridium perfringens</i></p> <p><i>Clostridium pilliforme</i> (Tyzzer 's disease)</p> <p><i>Clostridium septicum</i></p> <p><i>Clostridium sordellii</i></p> <p><i>Clostridium sporogenes</i></p> <p><i>Clostridium tetani</i></p> <p><i>Corynebacterium diphtheriae</i></p> <p><i>Corynebacterium haemolyticum</i> (Arcanobacterium haemolyticum)</p> <p><i>Corynebacterium jeikeium</i></p> <p><i>Corynebacterium kutscheri</i></p> <p><i>Corynebacterium pseudodiphtheriticum</i></p> <p><i>Corynebacterium pseudotuberculosis</i></p> <p><i>Corynebacterium pyogenes</i></p> <p><i>Arcanobacterium pyogenes</i></p> <p><i>Actinomyces ovodensis</i></p> <p><i>Corynebacterium renale</i></p> <p><i>Corynebacterium ulcerans</i></p> <p><i>Ehrlichia canis</i></p> <p><i>Ehrlichia chaffeensis</i></p> <p><i>Ehrlichia ewingi</i></p> <p><i>Ehrlichia muris</i></p> <p><i>Ehrlichia sennetsu</i></p> <p><i>Elizabethkingia meningoseptica</i></p> <p><i>Chryseobacterium meningosepticum</i></p> <p><i>Enterobacter aerogenes</i></p> <p><i>Enterobacter cloacae</i></p>		

BSL			
BSL2		<p><i>Enterococcus faecalis</i></p> <p><i>Enterococcus faecium</i></p> <p><i>Erysipelothrix rhusiopathiae</i> <i>Erysipelothrix tonsillarum</i> <i>Escherichia albertii</i> <i>Escherichia coli</i> (</p> <p><i>Facklamia sourekii</i> <i>Fluoribacter bozemaniae</i> <i>Fluoribacter dumoffii</i> <i>Fluoribacter gormanii</i> <i>Francisella philomiragia</i> <i>Francisella tularensis</i> subsp. <i>holarctica</i> (LSV) <i>Francisella tularensis</i> subsp. <i>tularensis</i> (B38) <i>Francisella novicida</i> <i>Francisella philomiragia</i> <i>Fusobacterium necrophorum</i> <i>Haemophilus actinomycetemcomitans</i> <i>Aggregatibacter actinomycetemcomitans</i>, <i>Actinobacillus actinomycetemcomitans</i></p> <p><i>Haemophilus aegyptius</i> <i>Haemophilus ducreyi</i> <i>Haemophilus influenzae</i> <i>Haemophilus parainfluenzae</i> <i>Avibacterium paracallinarum</i> <i>Haemophilus parasuis</i> <i>Haemophilus somnus</i> <i>Histophilus somni</i></p> <p><i>Helicobacter bilis</i> <i>Helicobacter felis</i> <i>Helicobacter heilmannii</i> <i>Helicobacter hepaticus</i> <i>Helicobacter pylori</i> <i>Histophilus somni</i> <i>Haemophilus somnus</i></p> <p><i>Klebsiella granulomatis</i> <i>Klebsiella oxytoca</i> <i>Klebsiella pneumoniae</i> <i>Lawsonia intracellularis</i> <i>Leclercia adecarboxylata</i> <i>Legionella</i> <i>Legionella</i>-like organisms <i>Leptospira interrogans sensu lato</i></p> <p><i>Listeria ivanovii</i> subsp. <i>ivanovii</i> <i>Listeria ivanovii</i> subsp. <i>londoniensis</i> <i>Listeria monocytogenes</i> <i>Mannheimia haemolytica</i> <i>Pasteurella haemolytica</i> <i>Melissococcus plutonius</i> <i>Moraxella bovis</i> <i>Branhamella bovis</i> <i>Moraxella catarrhalis</i> <i>Branhamella catarrhalis</i> <i>Moraxella ovis</i> <i>Branhamella ovis</i> <i>Moraxella saccharolytica</i> <i>Morococcus cerebrosus</i> <i>Mycobacterium abscessus</i> <i>Mycobacterium asiaticum</i> <i>Mycobacterium avium</i> <i>Mycobacterium bovis</i> (BCG) BSL2 <i>bovis</i> BSL3 <i>Mycobacterium branderi</i> <i>Mycobacterium caprae</i> <i>Mycobacterium celatum</i> <i>Mycobacterium chelonae</i> <i>Mycobacterium flavescens</i> <i>Mycobacterium fortuitum</i> <i>Mycobacterium goodii</i> <i>Mycobacterium gastri</i> <i>Mycobacterium genavense</i> <i>Mycobacterium goodii</i> <i>Mycobacterium haemophilum</i> <i>Mycobacterium intracellulare</i> <i>Mycobacterium kansasii</i> <i>Mycobacterium leprae</i> <i>Mycobacterium lepraemurium</i> <i>Mycobacterium malmoense</i> <i>Mycobacterium marinum</i> <i>Mycobacterium microti</i> <i>Mycobacterium mucogenicum</i> <i>Mycobacterium neoaurum</i> <i>Mycobacterium nonchromogenicum</i> <i>Mycobacterium paratuberculosis</i> <i>Mycobacterium rhodesiae</i> <i>Mycobacterium scrofulaceum</i> <i>Mycobacterium senegalense</i> <i>Mycobacterium simiae</i> <i>Mycobacterium sphagni</i> <i>Mycobacterium szulgai</i> <i>Mycobacterium thermoresistibile</i></p>	

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BSL2

- Mycobacterium ulcerans*
- Mycobacterium vaccae*
- Mycobacterium xenopi*
- Mycoplasma agalactiae*
- Mycoplasma arthritis*
- Mycoplasma bovis*
- Mycoplasma capricolum* subsp.
- Capriopneumoniae*
- Mycoplasma fermentans*
- Mycoplasma gallisepticum*
- Mycoplasma genitalium*
- Mycoplasma hominis*
- Mycoplasma hyopneumoniae*
- Mycoplasma meleagridis*
- Mycoplasma neurolyticum*
- Mycoplasma pneumoniae*
- Mycoplasma pulmonis*
- Mycoplasma putrefaciens*
- Mycoplasma synoviae*
- Neisseria gonorrhoeae*
- Neisseria meningitidis*
- Neorickettsia risticii*
- Neorickettsia sennetsu*
- Nocardia abscessus*
- Nocardia aobensis*
- Nocardia arthritis*
- Nocardia asteroides*
- Nocardia beijingensis*
- Nocardia brasiliensis*
- Nocardia concava*
- Nocardia cyriacigeorgica*
- Nocardia elegans*
- Nocardia farcinica*
- Nocardia gilgatis*
- Nocardia nova*
- Nocardia otitidiscaviarum*
- Nocardia paucivorans*
- Nocardia puris*
- Nocardia viracea*
- Paenp g* *vdia novad*

BSL				
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BSL3 Venezuelan equine encephalitis virus

- West Nile virus
- Western equine encephalitis virus
- Yellow fever virus(17D vaccine strain^{5,6})

BSL4 Bundibugyo ebolavirus

- Chapre
- Crimean-Congo hemorrhagic fever virus

- Guanarito virus
- Ivory Coast ebolavirus
- Junin virus
- Lake Victoria marburgvirus
- Lassa virus
- Machupo virus
- Reston ebolavirus
- Sabia virus
- Sudan ebolavirus
- Variola virus major, minor
- Zaire ebolavirus

- 1) () ABSL3 1) (20) 1) *H.capsulatum var capsulatum* BSL2
 () BSL3 *H.capsulatum var duboisii* variant *Leishmania Trypanosoma*
 2) H5 H7 2)

4) ABSL3

- 6)
- 7) H5 H7

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