

**Table 1. HHS Select Agents**

Phylogeny	NCBI Name	Threat List Name or Synonym	Accession
Fungi	<a href="#">Ascomycota</a>	<i>Coccidioides immitis</i> <i>Coccidioides posadasii</i>	
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Brucella melitensis</i> <i>Brucella melitensis</i> biovar Abortus <i>Brucella melitensis</i> biovar Suis <i>Rickettsia prowazekii</i> <i>Rickettsia rickettsii</i>	<i>Brucella abortus</i> <i>Brucella suis</i> NC 003317 NC 003318 NC 004310 NC 004311 NC 000963 NZ AADJ01000001
	<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i> <i>Burkholderia pseudomallei</i>	<i>Pseudomonas mallei</i> <i>Pseudomonas pseudomallei</i> NC 002970* NC 002930* <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a> NC 002971
	<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i> <i>Francisella tularensis</i> <i>Yersinia pestis</i>	NC 003143 NC 004088
	<a href="#">Firmicutes</a>	<i>Bacillus anthracis</i> <i>Clostridium botulinum</i> <i>Clostridium baratii</i> <i>Clostridium butyricum</i>	<i>Botulinum neurotoxin</i> producing species of <i>Clostridium</i> <sup>94</sup> <i>Botulinum neurotoxin</i> producing species of <i>Clostridium</i> <sup>94</sup> <i>Botulinum neurotoxin</i> producing species of <i>Clostridium</i> <sup>94</sup> NC 003997 NC 003995* NC 004352* NC 002925* NC 004126* NC 003223* <a href="http://www.sanger.ac.uk/Projects/C_botulinum/">http://www.sanger.ac.uk/Projects/C_botulinum/</a>
DNA Virus	<a href="#">Herpesviridae</a>	<i>Cercopithecine herpesvirus 1</i>	NC 004812
	<a href="#">Poxviridae</a>	<i>Monkeypox virus</i> <i>Variola major virus</i> <i>Variola minor virus</i>	NC 003310 NC 001611
- Strand RNA Virus	<a href="#">Arenaviridae</a>	<i>Flexal virus</i> <i>Guanarito virus</i> <i>Junin virus</i> <i>Lassa virus</i> <i>Machupo virus</i> <i>Sabia virus</i>	NC 005077 NC 005082 NC 005080 NC 005081 NC 004296 NC 004297 NC 005078 NC 005079
	<a href="#">Bunyaviridae</a>	<i>Crimean-Congo hemorrhagic fever virus</i> <i>Rift Valley fever virus</i>	NC 005301 NC 005300 NC 005302 NC 002043 NC 002044 NC 002045
	<a href="#">Filoviridae</a>	<i>Ivory Coast ebolavirus</i> <i>Lake Victoria marburgvirus</i> <i>Reston ebolavirus</i> <i>Sudan ebolavirus</i> <i>Zaire ebolavirus</i>	<i>Ebola viruses</i> <i>Ebola viruses</i> <i>Ebola viruses</i> <i>Ebola viruses</i> NC 001608 NC 004161 NC 002549
	<a href="#">Paramyxoviridae</a>	<i>Hendra virus</i> <i>Nipah virus</i>	NC 001906 NC 002728
+ Strand RNA Virus	<a href="#">Flaviviridae</a>	<i>Kumlinge virus</i> <i>Kyasanur forest disease virus</i> <i>Omsk hemorrhagic fever virus</i> <i>Russian Spring-Summer encephalitis virus</i> <i>Tick-borne encephalitis virus</i> <i>Tick-borne encephalitis virus (STRAIN SOFJIN)</i>	<i>Central European tick-borne encephalitis Virus</i> <i>Far Eastern tick-borne encephalitis</i> <sup>95</sup> NC 005062 NC 001672
	<a href="#">Togaviridae</a>	<i>Eastern equine encephalitis virus</i> <i>Venezuelan equine encephalitis virus</i>	NC 003899 NC 001449
Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Clostridia</a>	<i>Botulinum toxin</i> <i>Clostridium perfringens epsilon toxin</i>	AF488749 AB088207 AB082519 M95206 M80837
	<a href="#">Bacteria, Low G+C gram positive, Bacilli</a>	<i>Staphylococcal enterotoxin B</i>	M11118
	<a href="#">Bacteria, gammaproteobacteria</a>	<i>Shigatoxin</i>	AB035142 AB035143 AF461169 AF461170
	<a href="#">Animal, mollusca, gastropoda</a>	<i>Conotoxins</i>	
	<a href="#">Plant, embryophyta</a>	<i>Abrin</i> <i>Ricin</i>	
Toxin (small molecule)	<a href="#">Bacteria, gammaproteobacteria</a>	<i>Tetrodotoxin</i>	
	<a href="#">Protists, alveolata</a>	<i>Saxitoxin</i>	
	<a href="#">Fungi, ascomycota</a>	<i>Diacetoxyscirpenol</i> <i>T-2 toxin</i>	

**Table 2. USDA High Consequence Pathogens**

Phylogeny	NCBI Name	Threat List Name or Synonym	Host	Accession	
Prion		<i>Bovine spongiform encephalopathy prion</i>	<i>Bovine spongiform encephalopathy agent</i>	A S55629	
Fungi	<a href="#">Ascomycota</a>	<i>Coccidioides immitis</i>		A	
	<a href="#">Basidiomycota</a>	<i>Phakopsora pachyrhizi</i>		P	
	<a href="#">Chytridiomycota</a>	-----	<i>Synchytrium endobioticum</i>	P	
Eukaryota	<a href="#">Oomycetes</a>	-----	<i>Peronosclerospora philippinensis</i>	P	
		-----	<i>Sclerophthora rayssiae var. zeae</i>	P	
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Brucella melitensis</i>		A NC 003317 NC 003318	
		<i>Brucella melitensis</i> biovar Abortus	<i>Brucella abortus</i>	A	
		<i>Brucella melitensis</i> biovar Suis	<i>Brucella suis</i>	A NC 004310 NC 004311	
		Candidatus <i>Liberibacter africanus</i>	<i>Liberobacter africanus</i>	P	
		Candidatus <i>Liberibacter asiaticus</i>	<i>Liberobacter asiaticus</i>	P	
		<i>Ehrlichia ruminantium</i>	<i>Cowdria ruminantium</i>	A	
	<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i>		A NC 002970*	
		<i>Burkholderia pseudomallei</i>		A NC 002930* <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a>	
		<i>Ralstonia solanacearum</i>	(race 3, biovar 2)	P	
	<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i>		A NC 002971	
		<i>Francisella tularensis</i>		A	
		<i>Xanthomonas oryzae</i> pv. <i>oryzicola</i>		P	
		<i>Xylella fastidiosa</i>	(citrus variegated chlorosis strain)	P NC 002488 NC 004556	
	<a href="#">Firmicutes</a>	<i>Bacillus anthracis</i>		A NC 003997 NC 003995* NC 004352* NC 002925* NC 004126*	
		<i>Clostridium botulinum</i>	Botulinum neurotoxin producing species of <i>Clostridium</i> <sup>94</sup>	A NC 003223* <a href="http://www.sanger.ac.uk/Projects/C_botulinum/">http://www.sanger.ac.uk/Projects/C_botulinum/</a>	
		<i>Clostridium baratii</i>	Botulinum neurotoxin producing species of <i>Clostridium</i> <sup>94</sup>	A	
		<i>Clostridium butyricum</i>	Botulinum neurotoxin producing species of <i>Clostridium</i> <sup>94</sup>	A	
		<i>Mycoplasma capricolum</i> subsp. <i>capripneumoniae</i>		A	
<i>Mycoplasma mycoides</i>			A		
DNA Virus	<a href="#">Asfarviridae</a>	<i>African swine fever virus</i>		A NC 001659	
	<a href="#">Herpesviridae</a>	<i>Alcelaphine herpesvirus 1</i>	Malignant catarrhal fever virus (exotic)	A NC 002531	
	<a href="#">Poxviridae</a>	<i>Camelpox virus</i>		A NC 003391	
		<i>Goatpox virus</i>		A NC 004003	
		<i>Lumpy skin disease virus</i>		A NC 003027	
	<i>Sheeppox virus</i>		A NC 004002		
- Strand RNA Virus	<a href="#">Bunyaviridae</a>	<i>Akabane virus</i>		A	
		<i>Rift Valley fever virus</i>		A NC 002043 NC 002044 NC 002045	
	<a href="#">Orthomyxoviridae</a>	<i>Avian influenza virus</i>	(highly pathogenic) (H5N1)	A	
	<a href="#">Paramyxoviridae</a>	<i>Hendra virus</i>		A NC 001906	
		<i>Menangle virus</i>		A	
		<i>Newcastle disease virus</i>	<i>Newcastle disease virus</i> (VVND)	A	
		<i>Nipah virus</i>		A NC 002728	
		<i>Peste-des-petits-ruminants virus</i>		A	
		<i>Rinderpest virus</i>		A	
	<a href="#">Rhabdoviridae</a>	<i>Vesicular stomatitis virus</i>	(exotic)	A NC 001560	
	+ Strand RNA Virus	<a href="#">Flaviviridae</a>	<i>Classical swine fever virus</i>		A NC 002657
			<i>Japanese encephalitis virus</i>		A NC 001437
<a href="#">Picornaviridae</a>		<i>Foot-and-mouth disease virus</i>		A NC 002554 NC 003992 NC 004004 NC 004915	
		<i>Swine vesicular disease virus</i>		A	
<a href="#">Potyviridae</a>		<i>Plum pox virus</i>		P NC 001445	
<a href="#">Togaviridae</a>		<i>Eastern equine encephalitis virus</i>		A NC 003899	
	<i>Venezuelan equine encephalitis virus</i>		A NC 001449		
dsRNA Virus	<a href="#">Reoviridae</a>	<i>African horse sickness virus</i>		A	
		<i>Bluetongue virus</i>	(exotic)	A	
Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Clostridia</a>	<i>Botulinum toxin</i>		A AF488749 AB088207 AB082519	
		<i>Clostridium perfringens</i> epsilon toxin		A M95206 M80837	
	<a href="#">Bacteria, Low G+C gram positive, Bacilli</a>	<i>Staphylococcal enterotoxin B</i>		A M11118	
	<a href="#">Bacteria, gammaproteobacteria</a>	<i>Shigatoxin</i>		A AB035142 AB035143 AF461169 AF461170	
Toxin (small molecule)	<a href="#">Fungi, ascomycota</a>	<i>T-2 toxin</i>		A	

### Table 3. Globally Important Human Pathogens

Infectious causes of death per year per 100,000 population (estimated for the year 2,000)

Total	Developed nations	Developing nations	Disease	Primary Organisms			
98.6	35.3	63.3	Respiratory infections	Haemophilus influenzae, Staphylococcus aureus, Mycoplasma pneumoniae, Chlamydia trachomatis, Bordetella pertussis, Streptococcus pneumoniae, Chlamydomphila pneumoniae		Human adenovirus	Human respiratory syncytial virus, Human parainfluenza viruses 1 and 3, Influenza A Virus, Influenza B Virus
45.6	0.5	45.1	Diarrhoeal diseases	Vibrio cholerae, Shigella dysenteriae, Salmonella typhi, Escherichia coli, Campylobacter, Clostridium difficile, Listeria monocytogenes, Salmonella enteritidis, Norwalk virus, rotavirus	Cryptosporidium parvum, Cyclospora cayetanensis, Giardia intestinalis, Encephalitozoon intestinalis, Entamoeba histolytica	Norwalk Virus	Rotavirus
44.2	2.7	41.5	Tuberculosis	Mycobacterium tuberculosis			
33.5	9.1	24.4	HIV	Human immunodeficiency virus 1, Human immunodeficiency virus 2			
17.1	-	17.1	Measles	Measles Virus			
14.9	-	14.9	Malaria <sup>97</sup>	Plasmodium falciparum, Plasmodium vivax			
7.7	-	7.7	Tetanus	Clostridium tetani			
5.5	-	5.5	Pertussis	Bordetella pertussis			
3.3	-	3.3	Syphilis	Treponema pallidum			
3.0	0.8	2.3	Bacterial meningitis <sup>98</sup>	Streptococcus pneumoniae, Neisseria meningitidis, Haemophilus influenzae			
1.8	0.3	1.4	Hepatitis B & C	Hepatitis C Virus		Hepatitis B Virus	
0.6	-	0.6	Trypanosomiasis <sup>99</sup>	Trypanosoma brucei gambiense, Trypanosoma brucei rhodesiense			
0.5	-	0.5	Leishmaniasis <sup>100</sup>	Leishmania tropica, Leishmania donovani, Leishmania mexicana venezuelensis, Leishmania garnhami, Leishmania pifanoi, Leishmania braziliensis, Leishmania peruviana, Leishmania colombiensis, Leishmania lainsoni, Leishmania shawi, Leishmania naiffi, Leishmania guyanensis, Leishmania panamensis, Leishmania chagasi			
0.4	-	0.4	Otitis media <sup>101</sup>	Haemophilus influenzae, Streptococcus pneumoniae, Streptococcus pyogenes, Moraxella catarrhalis			
0.4	-	0.4	Poliomyelitis	Poliovirus			
0.3	-	0.3	Chagas disease <sup>99</sup>	Trypanosoma cruzi			

**Table 4A. CDC Notifiable Agents (Cellular)**

Phylogeny	NCBI Name	Threat List Name or Synonym	Accession
Fungi	<b>Ascomycota</b>	<b>Coccidioides immitis</b>	<b>Coccidioidomycosis</b>
Eukaryota	<b>Alveolata</b>	<i>Cryptosporidium parvum</i>	Cryptosporidiosis <a href="http://www.parvum.mic.vcu.edu/">http://www.parvum.mic.vcu.edu/</a>
		<i>Cyclospora cayetanensis</i>	Cyclosporiasis
		<i>Plasmodium vivax</i>	Malaria
		<i>Plasmodium falciparum</i>	Malaria NC_004325
	<b>Diplomonadida</b>	<i>Giardia intestinalis</i>	Giardiasis / Giardia lamblia
	<b>Metazoa</b>	<i>Trichinella britovi</i>	Trichinosis <sup>102</sup>
		<i>Trichinella nativa</i>	Trichinosis <sup>102</sup>
		<i>Trichinella nelsoni</i>	Trichinosis <sup>102</sup>
		<i>Trichinella pseudospiralis</i>	Trichinosis <sup>102</sup>
		<i>Trichinella spiralis</i>	Trichinosis <sup>102</sup>
Bacteria	<b>Alphaproteobacteria</b>	<i>Anaplasma phagocytophilum</i>	Human granulocytic ehrlichiosis <sup>103,104</sup> NC_004351*
		<i>Brucella melitensis</i>	Brucellosis <sup>105</sup> NC_003317 NC_003318
		<i>Brucella melitensis</i> biovar <i>Abortus</i>	Brucellosis <sup>105</sup>
		<i>Brucella melitensis</i> biovar <i>Suis</i>	Brucellosis <sup>105</sup> NC_004310 NC_004311
		<i>Brucella melitensis</i> biovar <i>Canis</i>	Brucellosis <sup>105</sup>
		<i>Ehrlichia chaffeensis</i>	Human monocytic ehrlichiosis <sup>106</sup> NC_004127*
		<i>Ehrlichia canis</i>	Ehrlichiosis <sup>106</sup>
		<i>Ehrlichia ewingii</i>	Ehrlichiosis <sup>107</sup>
		<i>Neorickettsia sennetsu</i>	Ehrlichiosis <sup>107</sup>
		<i>Rickettsia rickettsii</i>	Rocky Mountain Spotted Fever <sup>108</sup> NZ_AADJ0100001
	<b>Betaproteobacteria</b>	<i>Bordetella pertussis</i>	Pertussis NC_002929
		<i>Neisseria gonorrhoeae</i>	Gonorrhea NC_002946
		<i>Neisseria meningitidis</i>	Meningococcal disease <sup>109</sup> NC_003112 NC_003116
	<b>Gammaproteobacteria</b>	<i>Coxiella burnetii</i>	Q Fever NC_002971
		<i>Escherichia coli</i>	Enterohemorrhagic E. coli, Shiga-toxin positive non-O157
		<i>Escherichia coli</i> O157:H7	Enterohemorrhagic E. coli, O157:H7 Hemolytic uremic syndrome, post-diarrheal NC_002695 NC_002655
		<i>Francisella tularensis</i>	Tularemia
		<i>Haemophilus ducreyi</i>	Chancroid NC_002940
		<i>Haemophilus influenzae</i>	<i>Haemophilus influenzae</i> , invasive disease NC_000907
		<i>Legionella pneumophila</i>	Legionellosis NC_002942* <a href="http://genome3.cpmc.columbia.edu/~legion/">http://genome3.cpmc.columbia.edu/~legion/</a>
		<i>Salmonella enteritidis</i>	Salmonellosis <sup>110</sup> NC_002962
		<i>Salmonella typhi</i>	Typhoid fever NC_003198* <a href="http://www.sanger.ac.uk/Projects/S_typhi/">http://www.sanger.ac.uk/Projects/S_typhi/</a>
		<i>Salmonella typhimurium</i>	Salmonellosis <sup>110</sup> NC_003197
		<i>Shigella boydii</i>	Shigellosis <sup>111</sup>
		<i>Shigella dysenteriae</i>	Shigellosis <sup>111</sup> Hemolytic uremic syndrome, post-diarrheal NC_004510* <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a>
		<i>Shigella flexneri</i>	Shigellosis <sup>111</sup> NC_004337 NC_004741
		<i>Shigella sonnei</i>	Shigellosis <sup>111</sup> NC_004511* <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a>
		<i>Vibrio cholerae</i> O1	Cholera NC_002505 NC_002506
		<i>Vibrio cholerae</i> O139	Cholera
		<i>Yersinia pestis</i>	Plague NC_003143 NC_004088
	<b>Firmicutes</b>	<i>Bacillus anthracis</i>	Anthrax NC_003997 NC_003995*
		<i>Clostridium botulinum</i>	Botulism NC_003223* <a href="http://www.sanger.ac.uk/Projects/C_botulinum/">http://www.sanger.ac.uk/Projects/C_botulinum/</a>
		<i>Clostridium tetani</i>	Tetanus NC_004557
		<i>Listeria monocytogenes</i>	Listeriosis NC_003210
		<i>Staphylococcus aureus</i>	Toxic-shock syndrome NC_002745 NC_002758 NC_003923
		<i>Streptococcus pneumoniae</i>	<i>Streptococcus pneumoniae</i> , invasive NC_003028 NC_003098
		<i>Streptococcus pyogenes</i>	<i>Streptococcus pyogenes</i> , invasive, group A <sup>112</sup> Streptococcal disease, invasive, group A <sup>112</sup> Streptococcal toxic-shock syndrome NC_002737 NC_003485 NC_004070 NC_004606
	<b>Actinobacteria</b>	<i>Corynebacterium diphtheriae</i>	Diphtheria NC_002935
		<i>Mycobacterium leprae</i>	Hansen disease (leprosy) NC_002677
		<i>Mycobacterium tuberculosis</i>	Tuberculosis NC_002755 NC_000962
	<b>Chlamydia</b>	<i>Chlamydia psittaci</i>	Psittacosis
		<i>Chlamydia trachomatis</i>	<i>Chlamydia trachomatis</i> , genital infections NC_000117
	<b>Spirochaetes</b>	<i>Borrelia burgdorferi</i>	Lyme disease NC_001318
		<i>Treponema pallidum</i>	Syphilis, congenital NC_000919

**Table 4B. CDC Notifiable Agents (Viral)**

<i>Phylogeny</i>	<i>NCBI Name</i>	<i>Threat List Name or Synonym</i>			<i>Accession</i>
DNA Virus	<a href="#">Herpesviridae</a>	Human herpesvirus 3	Varicella (morbidity)	Varicella (deaths only)	<a href="#">NC_001348</a>
	<a href="#">Poxviridae</a>	Variola major virus	Smallpox		<a href="#">NC_001611</a>
- Strand RNA Virus	<a href="#">Bunyaviridae</a>	Andes virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		<a href="#">NC_003468</a> <a href="#">NC_003467</a> <a href="#">NC_003466</a>
		Araraquara virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Bayou virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Bermejo virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Black Creek Canal virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		California encephalitis virus	Encephalitis/meningitis, California serogroup		
		Castelo dos Sonhos virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		HU39694 virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Laguna Negra virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Lechiguana virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		New York virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Oran virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		
		Sin Nombre virus	Hantavirus Pulmonary Syndrome <sup>113</sup>		<a href="#">NC_005217</a> <a href="#">NC_005215</a> <a href="#">NC_005216</a>
	<a href="#">Paramyxoviridae</a>	Measles virus	Measles		<a href="#">NC_001498</a>
		Mumps virus	Mumps		<a href="#">NC_002200</a>
	<a href="#">Rhabdoviridae</a>	Rabies virus	Rabies, human	Rabies, animal	<a href="#">NC_001542</a>
+ Strand RNA Virus	<a href="#">Flaviviridae</a>	Hepatitis C	Hepatitis C, acute	Hepatitis C Virus Infection	<a href="#">NC_004102</a>
		Powassan virus	Encephalitis/meningitis, Powassan		<a href="#">NC_003687</a>
		St. Louis encephalitis virus	Encephalitis/meningitis, St. Louis		
		West Nile virus	Encephalitis/meningitis, West Nile		<a href="#">NC_001563</a>
		Yellow fever virus	Yellow fever		<a href="#">NC_002031</a>
	<a href="#">Coronaviridae</a>	SARS Coronavirus	Severe Acute Respiratory Syndrome-associated Coronavirus (SARS-CoV) disease		<a href="#">NC_004718</a>
	<a href="#">Picornaviridae</a>	Hepatitis A virus	Hepatitis A, acute		<a href="#">NC_001489</a>
		Poliovirus	Poliomyelitis, paralytic		<a href="#">NC_002058</a>
	<a href="#">Togaviridae</a>	Eastern equine encephalitis virus	Encephalitis/meningitis, Eastern equine		<a href="#">NC_003899</a>
		Rubella virus	Rubella	Rubella, congenital syndrome	<a href="#">NC_001545</a>
		Western equine encephalomyelitis virus	Encephalitis/meningitis, Western equine		<a href="#">NC_003908</a>
Retroid virus	<a href="#">Hepadnaviridae</a>	Hepatitis B virus	Hepatitis B virus, perinatal infection	Hepatitis B, acute	Chronic Hepatitis B <a href="#">NC_003977</a>
	<a href="#">Retroviridae</a>	Human immunodeficiency virus 1	AIDS	HIV infection, pediatric	<a href="#">NC_001802</a>
		Human immunodeficiency virus 2	AIDS	HIV infection, pediatric	<a href="#">NC_001722</a>

**Table 5A. Emerging Infectious Diseases (Cellular)**

Phylogeny	NCBI Name	Common Name / Disease	Accession		
Fungi	<a href="#">Ascomycota</a>	<i>Ajiellomyces capsulatus</i>	histoplasmosis <sup>28</sup>		
		<i>Histoplasma capsulatum</i> var. <i>duboisii</i>	histoplasmosis <sup>28</sup>		
		<i>Candida</i> spp.	candidiasis	<a href="#">NC_005967</a>	
		<i>Coccidioides immitis</i>	coccidioidomycosis <sup>28</sup>		
		<i>Fusarium oxysporum</i>	fusariosis <sup>28</sup>		
		<i>Fusarium solani</i>	fusariosis <sup>28</sup>		
		<i>Pneumocystis jirovecii</i>	Pneumocystis pneumonia (human genotype) <sup>114</sup>		
		<i>Filobasidiella neoformans</i>	cryptococcosis <sup>28</sup>		
		<a href="#">Basidiomycota</a>		microsporidial infections	
		Protists	<a href="#">Acanthamoebidae</a>	<i>Acanthamoeba castellanii</i>	amoebic keratitis or chronic granulomatous amoebic meningoencephalitis <sup>28</sup>
<i>Acanthamoeba polyphaga</i>	amoebic keratitis or chronic granulomatous amoebic meningoencephalitis <sup>28</sup>				
<a href="#">Alveolata</a>	<i>Cryptosporidium parvum</i>		cryptosporidiosis (human genotype), cryptosporidiosis (calf genotype 2) <sup>115</sup>	<a href="http://www.parvum.mic.vcu.edu/">http://www.parvum.mic.vcu.edu/</a>	
	<i>Cryptosporidium hominis</i>		cryptosporidiosis (human genotype) <sup>115</sup>		
	<i>Plasmodium vivax</i>		malaria		
	<i>Plasmodium falciparum</i>		malaria	<a href="#">NC_004325</a>	
<a href="#">Diplomonadida</a>	<i>Giardia intestinalis</i>		giardiasis (human genotype) <sup>116</sup>		
<a href="#">Heterolobosea</a>	<i>Naegleria fowleri</i>		primary amoebic meningoencephalitis <sup>28</sup>		
Bacteria	<a href="#">Actinobacteria</a>		<i>Corynebacterium diphtheriae</i>	diphtheria	<a href="#">NC_002935</a>
			<i>Corynebacterium xerosis</i>	corynebacterial endocarditis <sup>28</sup>	
		<i>Corynebacterium amycolatum</i>	corynebacterial endocarditis <sup>28</sup>		
		<i>Mycobacterium tuberculosis</i>	tuberculosis (multidrug-resistant strains)	<a href="#">NC_002755</a> <a href="#">NC_000962</a>	
		<i>Mycobacterium avium</i>	avian tuberculosis	<a href="#">NC_002944</a>	
		<i>Mycobacterium bovis</i>	bovine tuberculosis <sup>117</sup>	<a href="#">NC_002945</a>	
		<i>Mycobacterium ulcerans</i>	Buruli ulcer disease		
		<i>Mycobacterium kansasii</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Mycobacterium xenopi</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Mycobacterium marinum</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>	<a href="#">NC_004506*</a>	
		<i>Mycobacterium haemophilum</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Mycobacterium fortuitum</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Mycobacterium scrofulaceum</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Mycobacterium abscessus</i>	mycobacterial diseases other than tuberculosis <sup>28</sup>		
		<i>Rhodococcus equi</i>	rhodococcosis <sup>28</sup>		
	<a href="#">Alphaproteobacteria</a>	<i>Anaplasma phagocytophilum</i>	human granulocytic ehrlichiosis <sup>103, 104</sup>	<a href="#">NC_004351*</a>	
		<i>Bartonella quintana</i>	trench fever <sup>115</sup>	<a href="#">NC_005955</a>	
		<i>Bartonella henselae</i>	cat-scratch fever <sup>118</sup>	<a href="#">NC_005956</a>	
		<i>Brucella melitensis</i>	brucellosis <sup>105</sup>	<a href="#">NC_003317</a> <a href="#">NC_003318</a>	
		<i>Brucella melitensis</i> biovar <i>Abortus</i>	brucellosis <sup>105</sup>		
		<i>Brucella melitensis</i> biovar <i>Suis</i>	brucellosis <sup>105</sup>	<a href="#">NC_004310</a> <a href="#">NC_004311</a>	
		<i>Rickettsia conorii</i>	African tick typhus <sup>119</sup>	<a href="#">NC_003103</a>	
		<i>Rickettsia typhi</i>	Murine typhus <sup>120, 121</sup>		
		<a href="#">Bacteroidetes</a>	<i>Chryseobacterium meningosepticum</i>	atypical bacterial meningitis and sepsis <sup>28</sup>	
		<a href="#">Betaproteobacteria</a>	<i>Bordetella pertussis</i>	whooping cough <sup>122</sup>	<a href="#">NC_002929</a>
	<i>Burkholderia cepacia</i>		bacterial infections associated with cystic fibrosis <sup>28</sup>	<a href="#">NZ_AAEH00000000*</a> <a href="#">NZ_AAEI00000000*</a>	
	<i>Burkholderia pseudomallei</i>		melioidosis <sup>28</sup>	<a href="#">NC_002930*</a> <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a>	
	<i>Neisseria meningitidis</i>		meningococcal disease <sup>109</sup>	<a href="#">NC_003112</a> <a href="#">NC_003116</a>	
	<a href="#">Chlamydia</a>	<i>Ralstonia</i> spp.	bacterial infections associated with cystic fibrosis <sup>28</sup>		
		<i>Chlamydia trachomatis</i>	chlamydial pneumonia and cardiovascular disease <sup>123</sup>	<a href="#">NC_000117</a>	
		<i>Chlamydomydia psittaci</i>	chlamydial pneumonia and cardiovascular disease <sup>123</sup>		
		<i>Chlamydomydia pneumoniae</i>	chlamydial pneumonia and cardiovascular disease <sup>123</sup>	<a href="#">NC_005043</a> <a href="#">NC_002491</a> <a href="#">NC_002179</a> <a href="#">NC_000922</a>	
	<a href="#">Epsilonproteobacteria</a>	<i>Parachlamydia acanthamoebae</i>	Chlamydia-like pneumonia <sup>28</sup>		
		<i>Campylobacter jejuni</i>	campylobacteriosis <sup>64</sup>	<a href="#">NC_002163</a>	
	<a href="#">Firmicutes</a>	<i>Helicobacter pylori</i>	peptic ulcer disease <sup>124</sup>	<a href="#">NC_000915</a> <a href="#">NC_000921</a>	
		<i>Bacillus cereus</i>	food poisoning <sup>28</sup>		
		<i>Clostridium difficile</i>	intestinal clostridiosis <sup>28</sup>	<a href="#">NC_002933*</a>	
	<a href="#">Gammaproteobacteria</a>	<i>Clostridium perfringens</i>	intestinal clostridiosis <sup>28</sup>	<a href="#">NC_003366</a>	
		<i>Enterococcus faecium</i>	vancomycin-resistant enterococcal disease <sup>125, 126</sup>	<a href="#">NZ_AAAK00000000*</a>	
		<i>Acinetobacter calcoaceticus</i>	acinetobacter bacteremia <sup>28</sup>		
		<i>Acinetobacter baumannii</i>	acinetobacter bacteremia <sup>28</sup>		
		<i>Acinetobacter radioresistans</i>	acinetobacter bacteremia <sup>28</sup>		
		<i>Escherichia coli</i> O157:H7	hemorrhagic colitis, hemolytic uremic syndrome <sup>127</sup>	<a href="#">NC_002695</a> <a href="#">NC_002655</a>	
		<i>Francisella tularensis</i>	tularemia		
		<i>Haemophilus influenzae</i>	Haemophilus infections (including Brazilian purpuric fever) <sup>128, 129</sup>	<a href="#">NC_000907</a>	
		<i>Haemophilus aegyptius</i>	Haemophilus infections (including Brazilian purpuric fever) <sup>130</sup>		
		<i>Klebsiella pneumoniae</i>	nosocomial Klebsiella pneumoniae	<a href="#">NC_002941</a>	
		<i>Legionella pneumophila</i>	legionellosis and Pontiac fever <sup>28</sup>	<a href="#">NC_002942*</a> <a href="http://genome3.cpmc.columbia.edu/~leqion/">http://genome3.cpmc.columbia.edu/~leqion/</a>	
		<i>Tatlockia micdadei</i>	legionellosis and Pontiac fever <sup>28</sup>		
		<i>Pseudomonas aeruginosa</i>	Pseudomonas aeruginosa bacteremia (including antibiotic-resistant strains)		
<i>Salmonella enteritidis</i>		salmonellosis <sup>131</sup>			
<i>Salmonella typhimurium</i>		salmonellosis <sup>131</sup>			
<i>Vibrio parahaemolyticus</i>	vibrio gastroenteritis or dermatitis <sup>28</sup>	<a href="#">NC_004603</a> <a href="#">NC_004605</a>			
<i>Vibrio vulnificus</i>	vibrio gastroenteritis or dermatitis <sup>28</sup>	<a href="#">NC_004459</a> <a href="#">NC_004460</a> <a href="#">NC_005139</a> <a href="#">NC_005140</a>			
<a href="#">Spirochaetes</a>	<i>Borrelia burgdorferi</i>	Lyme disease <sup>132</sup>	<a href="#">NC_001318</a>		

## Table 5B. Emerging Infectious Diseases (Viral)

<i>Phylogeny</i>	<i>Species Name</i>	<i>Common Name / Disease</i>	<i>Accession</i>
dsDNA	<a href="#">Poxviridae</a>	Monkeypox Virus	human monkeypox <a href="#">NC_003310</a>
ssRNA -	<a href="#">Arenaviridae</a>	Guanarito Virus	Venezuelan hemorrhagic fever <a href="#">NC_005077</a> <a href="#">NC_005082</a>
		Sabia Virus	Brazilian hemorrhagic fever
		Lassa Virus	Lassa hemorrhagic fever <a href="#">NC_004296</a> <a href="#">NC_004297</a>
	<a href="#">Bunyaviridae</a>	Andes Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Araraquara Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Bayou Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Bermejo Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Black Creek Canal Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Castelo dos Sonhos Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Dobrava Virus	hemorrhagic fever with renal syndrome <sup>113</sup>
		Hantaan Virus	hemorrhagic fever with renal syndrome <sup>113</sup> <a href="#">NC_005222</a> <a href="#">NC_005219</a> <a href="#">NC_005218</a>
		Hu39694 Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Laguna Negra Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Lechiguana Virus	hantavirus pulmonary syndrome <sup>113</sup>
		New York Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Oran Virus	hantavirus pulmonary syndrome <sup>113</sup>
		Puumala Virus	hemorrhagic fever with renal syndrome <sup>113</sup>
		Seoul Virus	hemorrhagic fever with renal syndrome <sup>113</sup>
		Sin Nombre Virus	hantavirus pulmonary syndrome <sup>113</sup> <a href="#">NC_005217</a> <a href="#">NC_005215</a> <a href="#">NC_005216</a>
	Crimean-Congo hemorrhagic fever virus	Crimean-Congo hemorrhagic fever <a href="#">NC_005301</a> <a href="#">NC_005300</a> <a href="#">NC_005302</a>	
	Rift Valley Fever Virus	Rift Valley fever <a href="#">NC_002043</a> <a href="#">NC_002044</a> <a href="#">NC_002045</a>	
	<a href="#">Filoviridae</a>	Ivory Coast ebolavirus	Ebola hemorrhagic fever
		Reston ebolavirus	Ebola hemorrhagic fever <a href="#">NC_004161</a>
		Sudan ebolavirus	Ebola hemorrhagic fever
		Zaire ebolavirus	Ebola hemorrhagic fever <a href="#">NC_002549</a>
		Lake Victoria marburgvirus	Marburg hemorrhagic fever <a href="#">NC_001608</a>
	<a href="#">Paramyxoviridae</a>	Hendra Virus	Hendra hemorrhagic bronchopneumonia <a href="#">NC_001906</a>
		Nipah Virus	Nipah hemorrhagic bronchopneumonia <a href="#">NC_002728</a>
		Measles Virus	Measles <a href="#">NC_001498</a>
ssRNA +	<a href="#">Flaviviridae</a>	Japanese encephalitis virus	Japanese encephalitis <a href="#">NC_001437</a>
		West Nile Virus	West Nile fever <a href="#">NC_001563</a>
		Dengue Virus	dengue/dengue hemorrhagic fever <a href="#">NC_001474</a>
	<a href="#">Picornaviridae</a>	Coxsackievirus A7	Acute flaccid paralysis
		Coxsackievirus A9	Acute flaccid paralysis
		Human enterovirus 71	Acute flaccid paralysis
	<a href="#">Togaviridae</a>	Chikungunya Virus	Chikungunya fever <a href="#">NC_004162</a>
		O'nyong-nyong Virus	O'nyong nyong fever <a href="#">NC_001512</a>
		Ross River Virus	Ross River epidemic polyarthritis <a href="#">NC_001544</a>
Retroid	<a href="#">Retroviridae</a>	Human immunodeficiency Virus 1	AIDS <a href="#">NC_001802</a>
		Human immunodeficiency Virus 2	AIDS <a href="#">NC_001722</a>
		Human T-lymphotropic virus 1	
		Human T-lymphotropic virus 2	

**Table 6. Food- and Waterborne Pathogens**

<i>Phylogeny</i>		<i>NCBI Name</i>	<i>Threat List Name or Synonym</i>	<i>Accession</i>
Eukaryota	<a href="#">Alveolata</a>	<i>Cryptosporidium parvum</i> <i>Cyclospora cayetanensis</i> <i>Toxoplasma gondii</i>		<a href="http://www.parvum.mic.vcu.edu/">http://www.parvum.mic.vcu.edu/</a> <a href="http://www.sanger.ac.uk/Projects/T_gondii/">http://www.sanger.ac.uk/Projects/T_gondii/</a>
	<a href="#">Diplomonadida</a>	<i>Giardia intestinalis</i>	<i>Giardia lamblia</i>	
Bacteria	<a href="#">Epsilonproteobacteria</a>	<i>Campylobacter jejuni</i>	Campylobacter	<a href="#">NC_002163</a>
	<a href="#">Gammaproteobacteria</a>	<i>Escherichia coli</i> <i>Escherichia coli</i> O157:H7 <i>Salmonella typhimurium</i> <i>Salmonella enteritidis</i> <i>Shigella boydii</i> <i>Shigella dysenteriae</i> <i>Shigella flexneri</i> <i>Shigella sonnei</i> <i>Vibrio mimicus</i> <i>Vibrio parahaemolyticus</i> <i>Vibrio vulnificus</i> <i>Yersinia enterocolitica</i>	   Salmonella (nontyphoid) <sup>110</sup> Salmonella (nontyphoid) <sup>110</sup> Shigella <sup>111</sup> Shigella <sup>111</sup> Shigella <sup>111</sup> Shigella <sup>111</sup> Shigella <sup>111</sup> Vibrio (noncholera) <sup>133</sup> Vibrio (noncholera) <sup>133</sup> Vibrio (noncholera) <sup>133</sup>	<a href="#">NC_004431</a> <a href="#">NC_000913</a> <a href="#">NC_002695</a> <a href="#">NC_002655</a> <a href="#">NC_003197</a> <a href="#">NC_002962</a> <a href="#">NC_004510*</a> <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a> <a href="#">NC_004337</a> <a href="#">NC_004741</a> <a href="#">NC_004511*</a> <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a> <a href="#">NC_003222*</a> <a href="http://www.sanger.ac.uk/Projects/Y_enterocolitica/">http://www.sanger.ac.uk/Projects/Y_enterocolitica/</a>
	<a href="#">Firmicutes</a>	<i>Bacillus cereus</i> <i>Listeria monocytogenes</i> <i>Staphylococcus aureus</i> <i>Streptococcus pyogenes</i> <i>Clostridium perfringens</i>	  Staphylococccal food poisoning <sup>134</sup> Streptococci <sup>135</sup>	<a href="#">NC_003210</a> <a href="#">NC_002745</a> <a href="#">NC_002758</a> <a href="#">NC_003923</a> <a href="#">NC_002737</a> <a href="#">NC_003485</a> <a href="#">NC_004070</a> <a href="#">NC_004606</a> <a href="#">NC_003366</a>
+ Strand RNA Virus	<a href="#">Astroviridae</a>	<i>Human astrovirus</i>	Astrovirus	<a href="#">NC_001943</a>
	<a href="#">Caliciviridae</a>	<i>Norwalk virus</i>	Norwalk-like viruses	<a href="#">NC_001959</a>
	<a href="#">Picornaviridae</a>	<i>Hepatitis A virus</i>		<a href="#">NC_001489</a>
dsRNA Virus	<a href="#">Reoviridae</a>	<i>Rotavirus</i>	Rotavirus	
Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Bacilli</a>	<i>Staphylococcal enterotoxin A</i> <i>Staphylococcal enterotoxin B</i>	Staphylococccal food poisoning <sup>134</sup> Staphylococccal food poisoning <sup>134</sup>	<a href="#">M18970</a> <a href="#">M11118</a>

**Table 7A. NIAID Priority Pathogens Category A**

<i>Phylogeny</i>		<i>NCBI Name</i>	<i>Agency Name or Synonym</i>	<i>Accession</i>				
Bacteria	<a href="#">Gammaproteobacteria</a>	<i>Francisella tularensis</i>						
		<i>Yersinia pestis</i>		<a href="#">NC_003143</a>	<a href="#">NC_004088</a>			
	<a href="#">Firmicutes</a>	<i>Bacillus anthracis</i>		<a href="#">NC_003997</a>	<a href="#">NC_003995*</a>	<a href="#">NC_004352*</a>	<a href="#">NC_002925*</a>	<a href="#">NC_004126*</a>
		<i>Clostridium botulinum</i>		<a href="#">NC_003223*</a>		<a href="http://www.sanger.ac.uk/Projects/C_botulinum/">http://www.sanger.ac.uk/Projects/C_botulinum/</a>		
DNA Virus	<a href="#">Poxviridae</a>	<i>Variola major virus</i>		<a href="#">NC_001611</a>				
- Strand RNA Virus	<a href="#">Arenaviridae</a>	<i>Guanarito virus</i>		<a href="#">NC_005077</a>	<a href="#">NC_005082</a>			
		<i>Junin virus</i>		<a href="#">NC_005080</a>	<a href="#">NC_005081</a>			
		<i>Lassa virus</i>		<a href="#">NC_004296</a>	<a href="#">NC_004297</a>			
		<i>Lymphocytic choriomeningitis virus</i>	LCM	<a href="#">NC_004291</a>	<a href="#">NC_004294</a>			
		<i>Machupo virus</i>		<a href="#">NC_005078</a>	<a href="#">NC_005079</a>			
		<a href="#">Bunyaviridae</a>	<i>Andes virus</i>	Hantaviruses	<a href="#">NC_003468</a>	<a href="#">NC_003467</a>	<a href="#">NC_003466</a>	
		<i>Bayou virus</i>	Hantaviruses					
		<i>Hantaan virus</i>	Hantaviruses	<a href="#">NC_005222</a>	<a href="#">NC_005219</a>	<a href="#">NC_005218</a>		
		<i>Rift Valley fever virus</i>		<a href="#">NC_002043</a>	<a href="#">NC_002044</a>	<a href="#">NC_002045</a>		
		<i>Sin Nombre virus</i>	Hantaviruses	<a href="#">NC_005217</a>	<a href="#">NC_005215</a>	<a href="#">NC_005216</a>		
		<a href="#">Filoviridae</a>	<i>Ivory Coast ebolavirus</i>					
			<i>Lake Victoria marburgvirus</i>		<a href="#">NC_001608</a>			
			<i>Reston ebolavirus</i>		<a href="#">NC_004161</a>			
			<i>Sudan ebolavirus</i>					
			<i>Zaire ebolavirus</i>		<a href="#">NC_002549</a>			
+ Strand RNA Virus	<a href="#">Flaviviridae</a>	<i>Dengue virus</i>						
		<i>Dengue virus type 1</i>						
		<i>Dengue virus type 2</i>						
		<i>Dengue virus type 3</i>						
		<i>Dengue virus type 4</i>			<a href="#">NC_001474</a>			

**Table 7B. NIAID Priority Pathogens Category B**

Phylogeny	NCBI Name	Agency Name or Synonym	Accession	
Fungi	<a href="#">Microsporidia</a>	<i>Encephalitozoon cuniculi</i>	Microsporidia <sup>69</sup> <a href="#">NC_003242</a>	
		<i>Encephalitozoon hellem</i>	Microsporidia <sup>69</sup>	
		<i>Encephalitozoon intestinalis</i>	Microsporidia <sup>69</sup>	
		<i>Enterocytozoon bieneusi</i>	Microsporidia <sup>69</sup>	
Eukaryota	<a href="#">Alveolata</a>	<i>Cryptosporidium parvum</i>	<a href="http://www.parvum.mic.vcu.edu/">http://www.parvum.mic.vcu.edu/</a>	
		<i>Cyclospora cayetanensis</i>		
		<i>Toxoplasma gondii</i>	<a href="http://www.sanger.ac.uk/Projects/T_gondii/">http://www.sanger.ac.uk/Projects/T_gondii/</a>	
	<a href="#">Diplomonadida</a>	<i>Giardia intestinalis</i>		
	<a href="#">Entamoebidae</a>	<i>Entamoeba histolytica</i>	<a href="http://www.sanger.ac.uk/Projects/E_histolytica/">http://www.sanger.ac.uk/Projects/E_histolytica/</a>	
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Brucella melitensis</i>	Brucella species <sup>105</sup> <a href="#">NC_003317</a> <a href="#">NC_003318</a>	
		<i>Brucella melitensis</i> biovar Abortus	Brucella species <sup>105</sup>	
		<i>Brucella melitensis</i> biovar Canis	Brucella species <sup>105</sup>	
		<i>Brucella melitensis</i> biovar Suis	Brucella species <sup>105</sup> <a href="#">NC_004310</a> <a href="#">NC_004311</a>	
		<i>Rickettsia prowazekii</i>	Typhus fever <a href="#">NC_000963</a>	
			<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i>
			<i>Burkholderia pseudomallei</i>	<a href="#">NC_002930*</a> <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a>
		<a href="#">Epsilonproteobacteria</a>	<i>Campylobacter jejuni</i>	<a href="#">NC_002163</a>
		<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i>	<a href="#">NC_002971</a>
			<i>Escherichia coli</i>	<a href="#">NC_004431</a> <a href="#">NC_000913</a>
			<i>Escherichia coli</i> O157:H7	<a href="#">NC_002695</a> <a href="#">NC_002655</a>
			<i>Salmonella</i>	<a href="#">NC_003198*</a> <a href="http://www.sanger.ac.uk/Projects/S_typhi/">http://www.sanger.ac.uk/Projects/S_typhi/</a>
			<i>Shigella boydii</i>	Shigella species <sup>111</sup>
			<i>Shigella dysenteriae</i>	Shigella species <sup>111</sup> <a href="#">NC_004510*</a> <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a>
			<i>Shigella flexneri</i>	Shigella species <sup>111</sup> <a href="#">NC_004337</a> <a href="#">NC_004741</a>
			<i>Shigella sonnei</i>	Shigella species <sup>111</sup> <a href="#">NC_004511*</a> <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a>
			<i>Vibrio cholerae</i>	Pathogenic Vibrios <sup>133</sup> <a href="#">NC_002505</a> <a href="#">NC_002506</a>
			<i>Vibrio cholerae</i> O139	Pathogenic Vibrios <sup>133</sup>
			<i>Vibrio mimicus</i>	Pathogenic Vibrios <sup>133</sup>
			<i>Vibrio parahaemolyticus</i>	Pathogenic Vibrios <sup>133</sup> <a href="#">NC_004603</a> <a href="#">NC_004605</a>
			<i>Vibrio vulnificus</i>	Pathogenic Vibrios <sup>133</sup> <a href="#">NC_004459</a> <a href="#">NC_004460</a> <a href="#">NC_005139</a> <a href="#">NC_005140</a>
			<i>Yersinia enterocolitica</i>	<a href="#">NC_003222*</a> <a href="http://www.sanger.ac.uk/Projects/Y_enterocolitica/">http://www.sanger.ac.uk/Projects/Y_enterocolitica/</a>
		<a href="#">Firmicutes</a>	<i>Listeria monocytogenes</i>	<a href="#">NC_003210</a>
		<a href="#">Chlamydia</a>	<i>Chlamydia psittaci</i>	Chlamydia psittaci (Psittacosis)
	- Strand RNA Virus	<a href="#">Bunyaviridae</a>	<i>California encephalitis virus</i>	
			<i>La Crosse virus</i>	<a href="#">NC_004108</a> <a href="#">NC_004109</a> <a href="#">NC_004110</a>
+ Strand RNA Virus	<a href="#">Caliciviridae</a>	<i>Norwalk virus</i>	Caliciviruses <a href="#">NC_001959</a>	
		<i>Japanese encephalitis virus</i>	<a href="#">NC_001437</a>	
	<a href="#">Flaviviridae</a>	<i>Kyasanur forest disease virus</i>		
		<i>West Nile virus</i>	<a href="#">NC_001563</a>	
		<i>Hepatitis A virus</i>	<a href="#">NC_001489</a>	
	<a href="#">Picornaviridae</a>	<i>Eastern equine encephalitis virus</i>	EEE <a href="#">NC_003899</a>	
		<i>Venezuelan equine encephalitis virus</i>	VEE <a href="#">NC_001449</a>	
	<a href="#">Togaviridae</a>	<i>Western equine encephalomyelitis virus</i>	WEE <a href="#">NC_003908</a>	
	Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Clostridia</a>	<i>Clostridium perfringens epsilon toxin</i>	<a href="#">M95206</a> <a href="#">M80837</a>
		<a href="#">Bacteria, Low G+C gram positive, Bacilli</a>	<i>Staphylococcal enterotoxin B</i>	<a href="#">M11118</a>
<a href="#">Plant, embryophyta</a>		<i>Ricin</i>		

**Table 7C. NIAID Priority Pathogens Category C**

Phylogeny	NCBI Name	Agency Name or Synonym	Accession
Fungi	<a href="#">Ascomycota</a>		
		<i>Coccidioides immitis</i>	
		<i>Coccidioides posadasii</i>	
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Rickettsia conorii</i>	Other Rickettsias <sup>69</sup> <a href="#">NC_003103</a>
		<i>Rickettsia rickettsii</i>	Other Rickettsias <sup>69</sup> <a href="#">NZ_AADJ01000001</a>
		<i>Rickettsia typhi</i>	Other Rickettsias <sup>69</sup>
	<a href="#">Actinobacteria</a>	<i>Mycobacterium tuberculosis</i>	<a href="#">NC_002755</a> <a href="#">NC_000962</a>
- Strand RNA Virus	<a href="#">Bunyaviridae</a>	<i>Crimean-Congo hemorrhagic fever virus</i>	<a href="#">NC_005301</a> <a href="#">NC_005300</a> <a href="#">NC_005302</a>
		<i>Influenza A virus</i>	<a href="#">NC_004905</a> <a href="#">NC_004518</a> <a href="#">NC_002016</a>
	<a href="#">Orthomyxoviridae</a>	<i>Influenza B virus</i>	<a href="#">NC_004791</a> <a href="#">NC_004784</a> <a href="#">NC_002204</a>
		<i>Influenza C virus</i>	
	<a href="#">Rhabdoviridae</a>	<i>Rabies virus</i>	<a href="#">NC_001542</a>
+ Strand RNA Virus	<a href="#">Coronaviridae</a>	<i>SARS coronavirus</i>	<a href="#">NC_004718</a>
		<i>Tick-borne encephalitis virus</i>	<a href="#">NC_001672</a>
	<a href="#">Flaviviridae</a>	<i>Yellow fever virus</i>	<a href="#">NC_002031</a>
	<a href="#">Togaviridae</a>	<i>Chikungunya virus</i>	<a href="#">NC_004162</a>

**Table 8A. Validated and Potential Biological Weapons (Cellular)**

Phylogeny	NCBI Name	Threat List Name or Synonym	Validated / Potential	Accession		
Fungi	<a href="#">Ascomycota</a>	<i>Ajellomyces capsulatus</i>	Histoplasma capsulatum / histoplasmosis	Potential		
		<i>Coccidioides immitis</i>	Coccidiomycosis	Potential		
	<a href="#">Basidiomycota</a>	<i>Filobasidiella neoformans</i>	Cryptococcus neoformans / cryptococcosis	Potential		
		<i>Ustilago tritici</i>		<a href="http://rcweb.bcqsc.bc.ca/cgi-bin/cryptococcus/cn.pl">http://rcweb.bcqsc.bc.ca/cgi-bin/cryptococcus/cn.pl</a>		
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Brucella melitensis</i>	Brucellosis / Micrococcus melitensis / Streptococcus miltensis / Brucella meltensis	Validated	<a href="#">NC_003317</a> <a href="#">NC_003318</a>	
		<i>Brucella melitensis biovar Abortus</i>	Brucellosis / Brucella abortus/ Bacterium abortus	Validated		
		<i>Brucella melitensis biovar Suis</i>	Brucellosis / Brucella suis	Validated	<a href="#">NC_004310</a> <a href="#">NC_004311</a>	
		<i>Orientia tsutsugamushi</i>	Rickettsia tsutsugamushi / Rickettsia akamushi / Rickettsia orientalis / Theileria tsutsugamushi	Potential		
		<i>Rickettsia prowazekii</i>	Typhus	Validated	<a href="#">NC_000963</a>	
		<i>Rickettsia rickettsii</i>	Rocky Mountain Spotted Fever	Potential		
		<i>Rickettsia typhi</i>	Rickettsia mooseri / murine typhus	Potential		
	<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i>	Glanders	Validated	<a href="#">NC_002970*</a>	
		<i>Burkholderia pseudomallei</i>	Melioidosis / Pseudomonas pseudomallei	Validated	<a href="#">NC_002930*</a> <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a>	
	<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i>	Q fever	Validated	<a href="#">NC_002971</a>	
		<i>Francisella tularensis</i>	Tularemia / Francisella novicida	Validated		
		<i>Legionella pneumophila</i>	legionellosis	Potential	<a href="#">NC_002942*</a> <a href="http://genome3.cpmc.columbia.edu/~legion/">http://genome3.cpmc.columbia.edu/~legion/</a>	
		<i>Salmonella typhi</i>	typhoid / Bacillus typhi	Potential	<a href="#">NC_003198*</a> <a href="http://www.sanger.ac.uk/Projects/S_typhi/">http://www.sanger.ac.uk/Projects/S_typhi/</a>	
		<i>Shigella dysenteriae</i>	Shigella	Validated	<a href="#">NC_004510*</a> <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shigella/">http://www.sanger.ac.uk/Projects/Escherichia_Shigella/</a>	
		<i>Vibrio cholerae</i>	Cholera	Validated	<a href="#">NC_002505</a> <a href="#">NC_002506</a>	
		<i>Vibrio cholerae O139</i>		Validated		
	<a href="#">Firmicutes</a>	<i>Yersinia pestis</i>	Plague	Validated	<a href="#">NC_003143</a> <a href="#">NC_004088</a>	
		<i>Bacillus anthracis</i>	Anthrax	Validated	<a href="#">NC_003997</a> <a href="#">NC_003995*</a> <a href="#">NC_004352*</a> <a href="#">NC_002925*</a> <a href="#">NC_002925*</a>	
		<i>Clostridium perfringens</i>		Validated	<a href="#">NC_003366</a>	
		<a href="#">Actinobacteria</a>	<i>Nocardia asteroides</i>	nocardiosis / Actinomyces asteroides / Actinomyces eppingeri	Potential	
		<a href="#">Chlamydia</a>	<i>Chlamydia psittaci</i>	Chlamydia psittaci / psittacosis	Potential	
	Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Clostridia</a>	<i>Botulinum toxin</i>	Botulinal toxins	Validated	<a href="#">AF488749</a> <a href="#">AB088207</a> <a href="#">AB082519</a>
			<i>Clostridium perfringens epsilon toxin</i>		Validated	<a href="#">M95206</a> <a href="#">M80837</a>
<a href="#">Bacteria, Low G+C gram positive, Bacilli</a>		<i>Staphylococcal enterotoxin B</i>		Validated	<a href="#">M11118</a>	
<a href="#">Bacteria, gammaproteobacteria</a>		<i>Shigatoxin</i>		Potential	<a href="#">AB035142</a> <a href="#">AB035143</a> <a href="#">AF461169</a> <a href="#">AF461170</a> <a href="#">AF461170</a>	
<a href="#">Animal, mollusca, gastropoda</a>		<i>Conotoxins</i>		Potential		
<a href="#">Plant, embryophyta</a>		<i>Ricin</i>		Validated		
Toxins (small molecule)	<a href="#">Bacteria, gammaproteobacteria</a>	<i>Tetrodotoxin</i>		Potential		
		<i>Saxitoxin</i>		Potential		
	<a href="#">Protists, alveolata</a>	<i>Aflatoxin</i>	mycotoxins	Validated		
	<a href="#">Fungi, ascomycota</a>	<i>Diacetoxyscirpenol</i>	mycotoxins	Validated		
		<i>T-2 toxin</i>	mycotoxins	Validated		
	<a href="#">Animal, chordata, amphibia</a>	<i>Batrachotoxin</i>		Potential		

**Table 8B. Validated and Potential Biological Weapons (Viral)**

<i>Phylogeny</i>	<i>NCBI Name</i>	<i>Threat List Name or Synonym</i>	<i>Validated / Potential</i>	<i>Accession</i>	
DNA Virus	<a href="#">Poxviridae</a>	<i>Monkeypox virus</i>	Potential	<a href="#">NC_003310</a>	
		<i>Variola major virus</i>	Validated	<a href="#">NC_001611</a>	
- Strand RNA Virus	<a href="#">Arenaviridae</a>	<i>Junin virus</i>	Potential	<a href="#">NC_005080</a> <a href="#">NC_005081</a>	
		<i>Lassa virus</i>	Potential	<a href="#">NC_004296</a> <a href="#">NC_004297</a>	
		<i>Lymphocytic choriomeningitis virus</i>	Potential	<a href="#">NC_004291</a> <a href="#">NC_004294</a>	
		<i>Machupo virus</i>	Potential	<a href="#">NC_005078</a> <a href="#">NC_005079</a>	
	<a href="#">Bunyaviridae</a>	<i>Crimean-Congo hemorrhagic fever virus</i>	CCHFV	Potential	<a href="#">NC_005301</a> <a href="#">NC_005300</a> <a href="#">NC_005302</a>
		<i>Hantaan virus</i>	Korean hemorrhagic fever virus	Potential	<a href="#">NC_005222</a> <a href="#">NC_005219</a> <a href="#">NC_005218</a>
		<i>Rift Valley fever virus</i>	RVFV / Lunyo virus	Potential	<a href="#">NC_002043</a> <a href="#">NC_002044</a> <a href="#">NC_002045</a>
		<i>Seoul virus</i>	epidemic hemorrhagic fever virus	Potential	<a href="#">NC_005238</a> <a href="#">NC_005237</a> <a href="#">NC_005236</a>
	<a href="#">Filoviridae</a>	<i>Ivory Coast ebolavirus</i>	CIEBOV / Cote d'Ivoire Ebola virus	Potential	
		<i>Lake Victoria marburgvirus</i>	Lake Victoria marburgvirus	Potential	<a href="#">NC_001608</a>
		<i>Reston ebolavirus</i>	REBOV / Ebola virus Reston	Potential	<a href="#">NC_004161</a>
		<i>Sudan ebolavirus</i>	SEBOV / Ebolavirus Sudan	Potential	
		<i>Zaire ebolavirus</i>	ZEBOV	Potential	<a href="#">NC_002549</a>
	+ Strand RNA Virus	<a href="#">Flaviviridae</a>	<i>Dengue virus</i>	Potential	
<i>Dengue virus type 1</i>			Potential		
<i>Dengue virus type 2</i>			Potential	<a href="#">NC_001474</a>	
<i>Dengue virus type 3</i>			Potential		
<i>Dengue virus type 4</i>			Potential		
<i>Japanese encephalitis virus</i>			Potential	<a href="#">NC_001437</a>	
<i>Kyasanur forest disease virus</i>			Potential		
<i>Omsk hemorrhagic fever virus</i>			Potential	<a href="#">NC_005062</a>	
<i>Russian Spring-Summer encephalitis virus</i>			Potential		
<i>St. Louis encephalitis virus</i>			Potential		
<i>Yellow fever virus</i>		Potential	<a href="#">NC_002031</a>		
<a href="#">Togaviridae</a>		<i>Chikungunya virus</i>	Potential	<a href="#">NC_004162</a>	
		<i>Eastern equine encephalitis virus</i>	EEE / EEEV / Eastern equine encephalomyelitis virus	Potential	<a href="#">NC_003899</a>
		<i>O'nyong-nyong virus</i>	ONN	Potential	<a href="#">NC_001512</a>
		<i>Ross River virus</i>	RRV	Potential	<a href="#">NC_001544</a>
		<i>Venezuelan equine encephalitis virus</i>	VEE / Venezuelan equine encephalomyelitis virus	Validated	<a href="#">NC_001449</a>
		<i>Western equine encephalomyelitis virus</i>	Western equine encephalitis virus	Validated	<a href="#">NC_003908</a>

**Table 9. Bioterror and Biocrime Agents**

<i>Phylogeny</i>		<i>NCBI Name</i>	<i>Threat List Name or Synonym</i>	<i>Accession</i>
Eukaryota	<a href="#">Chromadorea</a>	<i>Ascaris suum</i>	pig roundworm	
	<a href="#">Diplomonadida</a>	<i>Giardia intestinalis</i>	<i>Giardia lamblia</i> / <i>Giardia duodenalis</i>	
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Rickettsia prowazekii</i>	Typhus	NC_000963
	<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i>	Glanders	NC_002970*
	<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i>	Q fever	NC_002971
		<i>Salmonella paratyphi</i>		NC_002963* <a href="http://genome.wustl.edu/projects/bacterial/sparatyphiB/">http://genome.wustl.edu/projects/bacterial/sparatyphiB/</a>
		<i>Salmonella typhi</i>	Bacillus typhi	NC_003198* <a href="http://www.sanger.ac.uk/Projects/S_typhi/">http://www.sanger.ac.uk/Projects/S_typhi/</a>
		<i>Salmonella typhimurium</i>		NC_003197 NC_004509*
		<i>Shigella dysenteriae</i>		NC_004510* <a href="http://www.sanger.ac.uk/Projects/Escherichia_Shiqella/">http://www.sanger.ac.uk/Projects/Escherichia_Shiqella/</a>
		<i>Vibrio cholerae</i>	cholera	NC_002505 NC_002506
		<i>Vibrio cholerae</i> O139		
		<i>Yersinia enterocolitica</i>		NC_003222* <a href="http://www.sanger.ac.uk/Projects/Y_enterocolitica/">http://www.sanger.ac.uk/Projects/Y_enterocolitica/</a>
		<i>Yersinia pestis</i>	plague	NC_003143 NC_004088
	<a href="#">Firmicutes</a>	<i>Bacillus anthracis</i>	anthrax	NC_003997 NC_003995* NC_004352* NC_002925* NC_004126*
		<i>Clostridium botulinum</i>		NC_003223* <a href="http://www.sanger.ac.uk/Projects/C_botulinum/">http://www.sanger.ac.uk/Projects/C_botulinum/</a>
		<i>Clostridium tetani</i>	Tetanus	NC_004557
	<a href="#">Actinobacteria</a>	<i>Corynebacterium diphtheriae</i>		NC_002935
	<i>Mycobacterium tuberculosis</i>	Tuberculosis	NC_002755 NC_000962	
+ Strand RNA Virus	<a href="#">Caliciviridae</a>	<i>Rabbit hemorrhagic disease virus</i>	RHDV	NC_001543
	<a href="#">Flaviviridae</a>	<i>Hepatitis C Virus</i>	HCV	NC_004102
Retroid virus	<a href="#">Retroviridae</a>	<i>Human immunodeficiency virus 1</i>	HIV-1	NC_001802
		<i>Human immunodeficiency virus 2</i>	HIV-2	NC_001722
Toxin (protein)	<a href="#">Bacteria, Low G+C gram positive, Clostridia</a>	<i>Botulinum toxin</i>		AF488749 AB088207 AB082519
		<i>Clostridium perfringens epsilon toxin</i>		M95206 M80837
	<a href="#">Bacteria, gammaproteobacteria</a>	<i>Cholera endotoxin</i>		D30053 D30052 AF390572
	<a href="#">Bacteria, actinobacteria</a>	<i>Diphtheria toxin</i>		A04646 AY141013 AY141014
	<a href="#">Plant, embryophyta</a>	<i>African milk bush toxin</i>		
		<i>Abrin</i>		
<i>Ricin</i>				
Toxin (small molecule)	<a href="#">Plant, embryophyta</a>	<i>Nicotine</i>		

**Table 10. High Potential For Bioengineering**

Phylogeny	NCBI Name	Threat List Name or Synonym	Accession
Bacteria	<a href="#">Alphaproteobacteria</a>	<i>Brucella melitensis</i>	<a href="#">Brucella spp.</a> <a href="#">NC_003317</a> <a href="#">NC_003318</a>
		<i>Brucella melitensis biovar Abortus</i>	<i>Brucella</i> spp.
		<i>Brucella melitensis biovar Suis</i>	<i>Brucella</i> spp.
		<i>Rickettsia rickettsii</i>	<a href="#">NC_004310</a> <a href="#">NC_004311</a>
			<a href="#">NZ_AADJ01000001</a>
	<a href="#">Betaproteobacteria</a>	<i>Burkholderia mallei</i>	<a href="#">NC_002970*</a>
		<i>Burkholderia pseudomallei</i>	<a href="#">NC_002930*</a> <a href="http://www.sanger.ac.uk/Projects/B_pseudomallei/">http://www.sanger.ac.uk/Projects/B_pseudomallei/</a>
	<a href="#">Gammaproteobacteria</a>	<i>Coxiella burnetii</i>	<a href="#">NC_002971</a>
		<i>Escherichia coli</i>	<a href="#">NC_004431</a> <a href="#">NC_000913</a>
		<i>Francisella tularensis</i>	
		<i>Vibrio cholerae</i>	<a href="#">NC_002505</a> <a href="#">NC_002506</a>
		<i>Yersinia pseudotuberculosis</i>	
	<a href="#">Firmicutes</a>	<i>Yersinia pestis</i>	<a href="#">NC_003143</a> <a href="#">NC_004088</a>
		<i>Bacillus anthracis</i>	<a href="#">NC_003997</a> <a href="#">NC_003995*</a>
	<a href="#">Spirochaetes</a>	<i>Staphylococcus aureus</i>	<a href="#">NC_002745</a> <a href="#">NC_002758</a> <a href="#">NC_003923</a>
<i>Borrelia burgdorferi</i>		<a href="#">NC_001318</a>	
DNA Virus	<a href="#">Parvoviridae</a>	<i>Adeno-associated virus 1</i>	<a href="#">NC_002077</a>
		<i>Adeno-associated virus 2</i>	<a href="#">NC_001401</a>
		<i>Adeno-associated virus 2H</i>	
		<i>Adeno-associated virus 3</i>	<a href="#">NC_001729</a>
		<i>Adeno-associated virus 3B</i>	<a href="#">NC_001863</a>
		<i>Adeno-associated virus 4</i>	<a href="#">NC_001829</a>
		<i>Adeno-associated virus 5</i>	
		<i>Adeno-associated virus 6</i>	<a href="#">NC_001862</a>
		<i>Adeno-associated virus 7</i>	
		<i>Adeno-associated virus 8</i>	
		<i>Adeno-associated virus 9</i>	
		<i>Adeno-associated virus 10</i>	
	<a href="#">Poxviridae</a>	<i>Adeno-associated virus 11</i>	
		<i>Adeno-associated virus 12</i>	
		<i>Aracatuba virus</i>	
		<i>BeAn 58058 virus</i>	
		<i>Buffalopox virus</i>	
		<i>Camelpox virus</i>	<a href="#">NC_003391</a>
		<i>Cantagalo orthopoxvirus</i>	
		<i>Cowpox virus</i>	<a href="#">NC_003663</a>
		<i>Dolphin poxvirus 1</i>	
		<i>Ectromelia virus</i>	<a href="#">NC_004105</a>
		<i>Elephantpox virus</i>	
		<i>Monkeypox virus</i>	<a href="#">NC_003310</a>
		<i>Rabbitpox virus</i>	
		<i>Skunkpox virus</i>	
		<i>SPAN 232 virus</i>	
		<i>Steller sea lion poxvirus</i>	
		<i>Taterapox virus</i>	
		<i>Vaccinia virus</i>	<a href="#">NC_001559</a>
<i>Variola major virus</i>	<a href="#">NC_001611</a>		
<i>Variola minor virus</i>			
<i>Volepox virus</i>			
- Strand RNA Virus	<a href="#">Arenaviridae</a>	<i>Junin virus</i>	<a href="#">NC_005080</a> <a href="#">NC_005081</a>
		<i>Lassa virus</i>	<a href="#">NC_004296</a> <a href="#">NC_004297</a>
	<a href="#">Bunyaviridae</a>	<i>California encephalitis virus</i>	
		<i>Sin Nombre virus</i>	<a href="#">NC_005217</a> <a href="#">NC_005215</a> <a href="#">NC_005216</a>
	<a href="#">Filoviridae</a>	<i>Ivory Coast ebolavirus</i>	
		<i>Lake Victoria marburgvirus</i>	<a href="#">NC_001608</a>
		<i>Reston ebolavirus</i>	<a href="#">NC_004161</a>
		<i>Sudan ebolavirus</i>	
		<i>Zaire ebolavirus</i>	<a href="#">NC_002549</a>
	<a href="#">Orthomyxoviridae</a>	<i>Influenza A virus</i>	<a href="#">NC_004905</a> <a href="#">NC_004518</a> <a href="#">NC_002016</a>
		<i>Influenza B virus</i>	<a href="#">NC_004791</a> <a href="#">NC_004784</a> <a href="#">NC_002204</a>
		<i>Influenza C virus</i>	
+ Strand RNA Virus	<a href="#">Coronaviridae</a>	<i>SARS Coronavirus</i>	<a href="#">NC_004718</a>
	<a href="#">Flaviviridae</a>	<i>Dengue virus</i>	
		<i>Dengue virus type 1</i>	
		<i>Dengue virus type 2</i>	<a href="#">NC_001474</a>
		<i>Dengue virus type 3</i>	
		<i>Dengue virus type 4</i>	
		<i>Japanese encephalitis virus</i>	<a href="#">NC_001437</a>
		<i>Tick-borne encephalitis virus</i>	<a href="#">NC_001672</a>
		<i>West Nile virus</i>	<a href="#">NC_001563</a>
		<i>Yellow fever virus</i>	<a href="#">NC_002031</a>
	<a href="#">Togaviridae</a>	<i>Eastern equine encephalitis virus</i>	<a href="#">NC_003899</a>
<i>Venezuelan equine encephalitis virus</i>		<a href="#">NC_001449</a>	
<i>Western equine encephalomyelitis virus</i>		<a href="#">NC_003908</a>	