

Additional File 9. HHS Select Agents

| Phylogeny | NCBI Name | Threat List Name or Synonym | Accession |
|------------------------|---|---|---|
| Fungi | Ascomycota | <i>Coccidioides immitis</i> <i>Coccidioides posadasii</i> | |
| Bacteria | Alphaproteobacteria | <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 |
| | Betaproteobacteria | <i>Burkholderia mallei</i> <i>Burkholderia pseudomallei</i> | <i>Pseudomonas mallei</i> <i>Pseudomonas pseudomallei</i> NC_002970* NC_002930* http://www.sanger.ac.uk/Projects/B_pseudomallei/ |
| | Gammaproteobacteria | <i>Coxiella burnetii</i> <i>Francisella tularensis</i> <i>Yersinia pestis</i> | NC_002971 NC_003143 NC_004088 |
| | Firmicutes | <i>Bacillus anthracis</i> <i>Clostridium botulinum</i> <i>Clostridium baratii</i> <i>Clostridium butyricum</i> | <i>Botulinum</i> neurotoxin producing species of <i>Clostridium</i> ¹⁴⁶ <i>Botulinum</i> neurotoxin producing species of <i>Clostridium</i> ¹⁴⁶ <i>Botulinum</i> neurotoxin producing species of <i>Clostridium</i> ¹⁴⁶ NC_003997 NC_003995* NC_004352* NC_002925* NC_004126* NC_003223* http://www.sanger.ac.uk/Projects/C_botulinum/ |
| DNA Virus | Herpesviridae | <i>Cercopithecine herpesvirus 1</i> | NC_004812 |
| | Poxviridae | Monkeypox virus <i>Variola major</i> virus <i>Variola minor</i> virus | NC_003310 NC_001611 |
| - Strand RNA Virus | Arenaviridae | <i>Flexal</i> virus <i>Guanarito</i> virus <i>Junin</i> virus <i>Lassa</i> virus <i>Machupo</i> virus <i>Sabia</i> virus | NC_005077 NC_005082 NC_005080 NC_005081 NC_004296 NC_004297 NC_005078 NC_005079 |
| | Bunyaviridae | <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 |
| | Filoviridae | <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 |
| | Paramyxoviridae | <i>Hendra</i> virus <i>Nipah</i> virus | NC_001906 NC_002728 |
| + Strand RNA Virus | Flaviviridae | <i>Kumlinge</i> virus <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> NC_005062 NC_001672 <i>Far Eastern tick-borne encephalitis</i> ¹⁴⁷ |
| | Togaviridae | <i>Eastern equine encephalitis virus</i> <i>Venezuelan equine encephalitis virus</i> | NC_003899 NC_001449 |
| Toxin (protein) | Bacteria, Low G+C gram positive, Clostridia | <i>Botulinum</i> toxin <i>Clostridium perfringens epsilon toxin</i> | AF488749 AB088207 AB082519 M95206 M80837 |
| | Bacteria, Low G+C gram positive, Bacilli | <i>Staphylococcal enterotoxin B</i> | M11118 |
| | Bacteria, gammaproteobacteria | <i>Shigatoxin</i> | AB035142 AB035143 AF461169 AF461170 |
| | Animal, mollusca, gastropoda | <i>Conotoxins</i> | |
| | Plant, embryophyta | <i>Abrin</i> <i>Ricin</i> | |
| Toxin (small molecule) | Bacteria, gammaproteobacteria | <i>Tetrodotoxin</i> | |
| | Protoists, alveolata | <i>Saxitoxin</i> | |
| | Fungi, ascomycota | <i>Diacetoxyscirpenol</i> <i>T-2 toxin</i> | |