FDA-ARGOS Database Wanted Organism List (Jan 2019)

Bioterrorism Agents (√ - 5 or more genomes in database)

*https://emergency.cdc.gov/agent/agentlist-category.asp)

- Category A
  - ✓ ***Bacillus anthracis***
  - ✓ ***Francisella tularensis***
  - ✓ ***Yersenia pestis***
  - ✓ **Zaire Ebolavirus**

  *** Additional Organisms Needed ***
  - o Ebolavirus (Bundibugyo, Taï Forest, Reston, Sudan)
  - o Lassa mammarenavirus
  - o Machupo mammarenavirus
  - o Marburgvirus
  - o Variola major virus

- Category B
  - ✓ ***Burkholderia mallei***
  - ✓ ***Salmonella***
  - ✓ ***Shigella***
  - ✓ ***Venezuelan equine encephalitis***

  *** Additional Organisms Needed ***
  - o *Brucella*
  - o *Burkholderia pseudomallei*
  - o *Chlamydia psittaci*
  - o *Coxiella burnetii*
  - o *Cryptosporidium parvum*
  - o *Escherichia coli O157:H7*
  - o *Rickettsia prowazekii*
  - o *Vibrio cholera*
  - o Eastern equine encephalitis
  - o Western equine encephalitis

- Category C

  *** Additional Organisms Needed ***
  - o Nipah henipavirus
  - o Hantaan orthohantavirus

Clinical/Near Neighbor Bacteria (√ - 5 or more genomes in database)

- ✓ **Acinetobacter** — *baumannii*
- ✓ **Alcaligenes** — *xylosoxidans*
- ✓ **Bordetella** — *bronchioseptica*
- ✓ **Burkholderia** — *cenocepacia, cepacia, gladioli, mallei, multivorans, thailandensis*
- ✓ **Campylobacter** — *jejuni*
- ✓ **Chryseobacterium** — *indologenes*
- ✓ **Citrobacter** — *freundii, koseri*
- ✓ **Enterobacter** — *aerogenes, cloacae*
- ✓ **Enterococcus** — *avium, faecalis, faecium, gallinarum*
- ✓ **Escherichia** — *coli*
- ✓ **Klebsiella** — *oxytoca, pneumoniae*
- ✓ **Listeria** — *monocytogenes*
- ✓ **Mycobacterium** — *tuberculosis*
- ✓ **Neisseria** — *meningitidis*
- ✓ **Pasteurella** — *multocida*
- ✓ **Proteus** — *mirabilis*
- ✓ **Providencia** — *stuartii*
- ✓ **Pseudomonas** — *aeruginosa, putida*
- ✓ **Rothia** — *mucilaginosa*
- ✓ **Salmonella** — *enterica*
- ✓ **Serratia** — *marcescens*
- ✓ **Shigella** — *flexneri, sonnei*
- ✓ **Staphylococcus** — *aureus, hominis, lugdenensis, saprophyticus*
- ✓ **Stenotrophomonas** — *maltophilia*
- ✓ **Streptococcus** — *agalactiae, pyogenes*
- ✓ **Vibrio** — *alginolyticus, harveyi, parahaemolyticus, vulnificus, enterocolitica*
- ✓ **Yersinia** — *pseudotuberculosis*

*** Additional Organisms Needed ***

- o *Acinetobacter* — *lwoffi*
- o *Aerococcus* — *viridans*
- o *Aeromonas* — *caviae*
- o *Bacillus*
- o *Bacteroides* — *distasonis*
- o *Bordetella* — *pertussis*
- o *Burkholderia* — *multocida, pseudomallei*
- o *Citrobacter* — *amalonaticus, braakii*
- o *Clostridium* — *clostridioforme, difficile*
- o *Corynebacterium* — *jeikeium*
- o *Eikenella* — *corrodens*
- o *Elizabethkingia* — *meningoseptica*
- o *Enterococcus* — *durans*
- o *Escherichia* — *fergusonii*
- o *Gardnerella* — *vaginalis*
- o *Granulicatella* — *adiacens*
- o *Hafnia* — *alvei*

- *Helicobacter* *pylori*
- *Klebsiella* *variicola*
- *Micrococcus* *luteus*
- *Moraxella* *catarrhalis*
- *Morganella* *morganii*
- *Neisseria* *gonorrhoeae*
- *Pantoea* *agglomerans*
- *Paracoccus* *yeei*
- *Prevotella* *melaninogenica*
- *Propionibacterium* *acnes*
- *Proteus* *vulgaris*
- *Pseudomonas* *fluorescens*
- *Ralstonia* *paucula*
- *Ralstonia* *pickettii*
- *Raoultella* *ornithinolytica, planticola*
- *Rhizobium* *radiobacter*
- *Staphylococcus* *capitis, cohnii, epidermidis, haemolyticus, simulans, warneri*
- *Streptococcus* *gordonii, intermedius, mitis, mutans, salivarius*
- *Vibrio* *cholera, fluvialis, mimicus*
- *Yersinia* *frederiksenii, intermedia*

Clinical/ Near Neighbor Viruses (√ - 5 or more genomes in database)
- ✓ **Chikungunya virus**
- ✓ **Dengue virus**
- ✓ **Ross River Valley virus**
- ✓ **West Nile virus**
- ✓ **Zika virus**

*** Additional Organisms Needed ***
- Chapare virus
- Crimean-Congo hemorrhagic fever virus
- Eastern equine encephalitis virus
- Guanarito virus
- Hendra virus
- Junin virus
- Lujo virus
- Middle East respiratory syndrome-related coronavirus
- Monkeypox virus
- Rift Valley Fever virus
- Sabia Virus
- Yellow Fever Virus