How To: Find, using the MicroBIGG-E Map, blaKPC-containing Klebsiella pneumoniae isolates from China and the U.S. in the Isolates Browser

NCBI Pathogen Detection

https://www.ncbi.nlm.nih.gov/pathogens

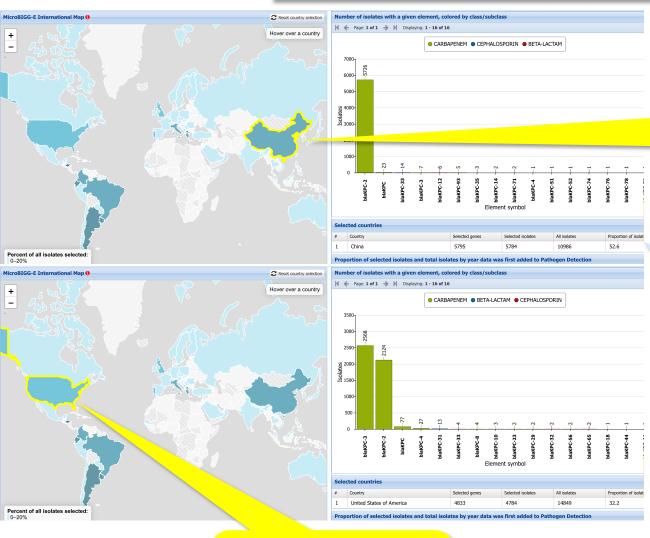


At a glance

- Use the MicroBIGG-E Map <u>https://www.ncbi.nlm.nih.gov/pathogens/microbigge_map/</u>
- Select "Klebsiella pneumoniae" from the Organism Group dropdown menu
- Select "Element symbol" in Filters and search for "blaKPC"
- Use the MicroBIGG-E International Map Panel to restrict data to isolates from China and the U.S.
- Use the Cross-Browser option to display selected isolates in the Isolates Browser

https://www.ncbi.nlm.nih.gov/pathogens/microbigge_map/ Scientific name V blaKPC-12 7 Subclass of antibiotic ✓ blaKPC-6 7 V blaKPC-62 6 * MicroBIGG-E International Map () Number of isola C Reset country selection | ← Page: 1 o + 6. Select China by 10000clicking its outline 9000 -8000 -7. Select the U.S. by 7000 clicking its outline 6000 -Isolates 4000 -3000 -2000 -1000 -Selected count

https://www.ncbi.nlm.nih.gov/pathogens/microbigge_map/

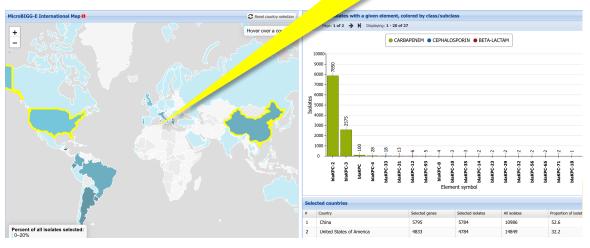


9. Select the U.S. to show the distribution of KPC alleles in isolates from the U.S.

8. Select China to show the distribution of KPC alleles in isolates from China

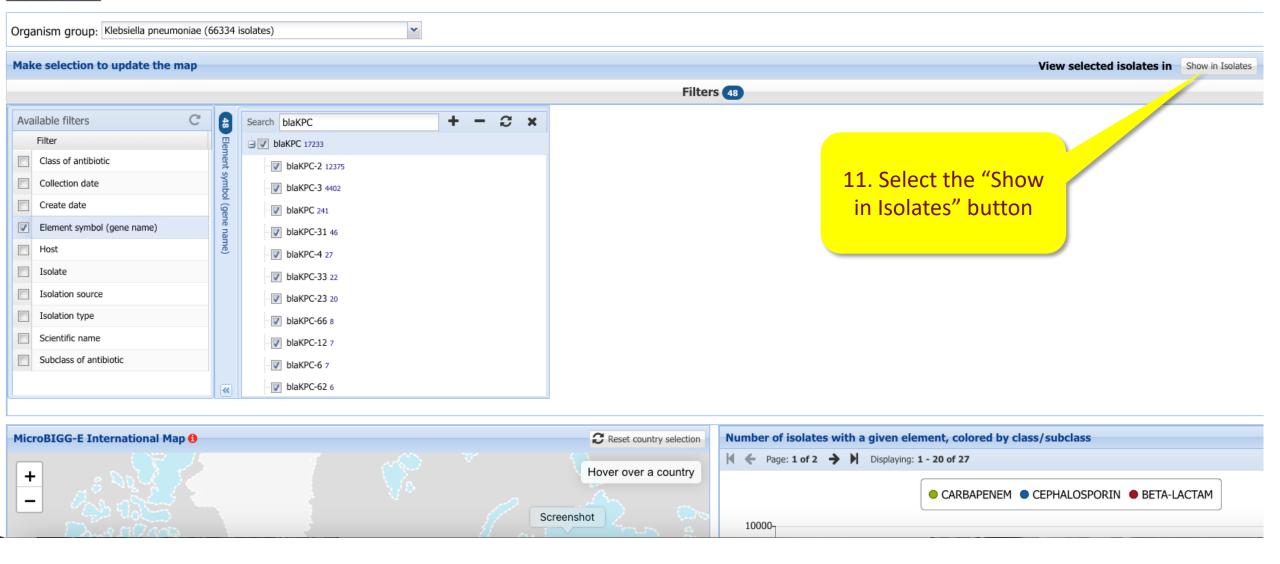
Note the difference in KPC allele distributions between the two countries

10. Select both
China and the U.S.
to show the
distribution of KPC
alleles in isolates
from both countries
combined

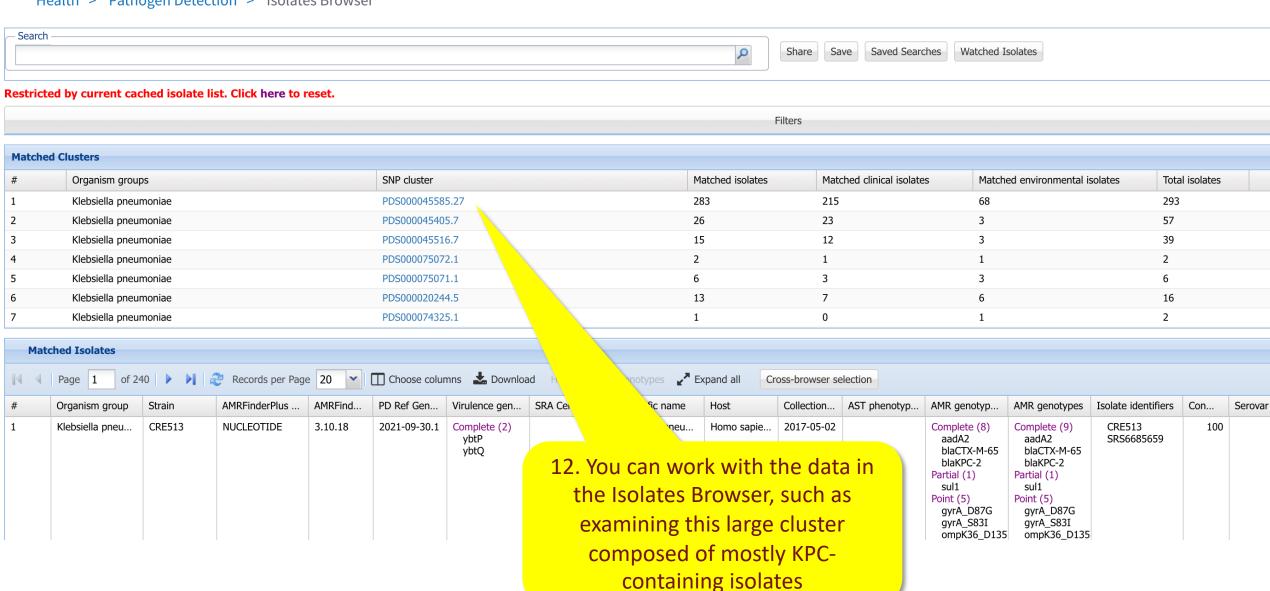


Health > Pathogen Detection > MicroBIGG-E > MicroBIGG-E Map ALPHA

Read this first!



Health > Pathogen Detection > Isolates Browser



More information

- For full help documentation of the MicroBIGG-E Map see: LINK
- For full help documentation of MicroBIGG-E see: https://www.ncbi.nlm.nih.gov/pathogens/pathogens_help/#microbigge

Questions and further help: email pd-help@ncbi.nlm.nih.gov