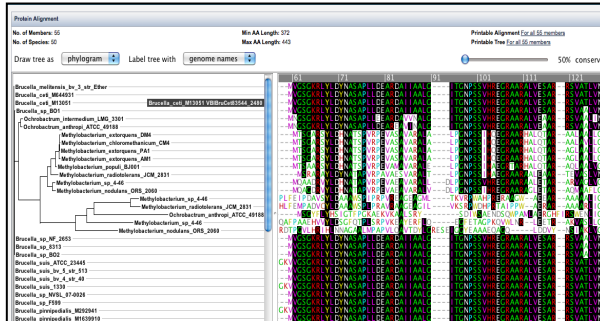


Attention: Bacterial Pathogen Researchers and Bioinformaticians! Free PATRIC Bioinformatics Resource Center Workshop Featuring Data and Analysis tools for Bacterial Pathogens



BIOINFORMATICS WORKSHOP FOR BACTERIAL PATHOGENS

WHAT PATRIC OFFERS:

- Consistent annotations across all sequenced bacterial species from GenBank
- Searches based on taxonomy, gene name, locus tag, protein function/families, pathways, EC numbers, GO terms, and more
- Data and analysis results are free and typically downloadable.
- Organism summaries; pre-sorted PubMed articles; interactive phylogenetic trees; virulence and disease information, and experimental data including, transcriptomics, proteomics, protein structure, and protein-protein interactions
- Numerous interactive visualizations for genome browsing, multi-genome comparisons, pathway comparisons, protein family comparisons, phylogenetic trees with coupled MSAs, 3D protein structures, and feature group comparisons.

WHO SHOULD ATTEND:

- Bacterial pathogen researchers/students and bioinformaticians

LOCATION:

Tuesday, February 22, 2011, 9:00 am – 4:00 pm
Fernwood Building
10401 Fernwood Rd Bethesda, MD
LTS Training Room 2002



AGENDA:

- 9:00 – 10:30**
- Introduction & overview
 - Genomic data and annotations
 - Literature
- 10:45 - 12:00**
- Search tools
 - Pathway visualization & comparison
- 1:00 – 2:30**
- Multi-genome comparison via protein families
- 2:45 - 4:00**
- Transcriptomics, proteomics, 3D structures

REGISTRATION INFORMATION:

- NIH Researchers, please use your NIH authentication to login and register via the following link: <http://collab.niaid.nih.gov/sites/research/SIG/Bioinformatics/Bootcamp/PATRIC2011/Lists/NewRegistration/NewForm.aspx>. Computers are limited, so if you have a laptop with NIH-airnet access, please bring it with you.
- All other Researchers, please register by contacting Karlynn Noble at karlynn.noble@nih.gov or (301) 594-2502. Please provide your name, phone number, email address, and organization.