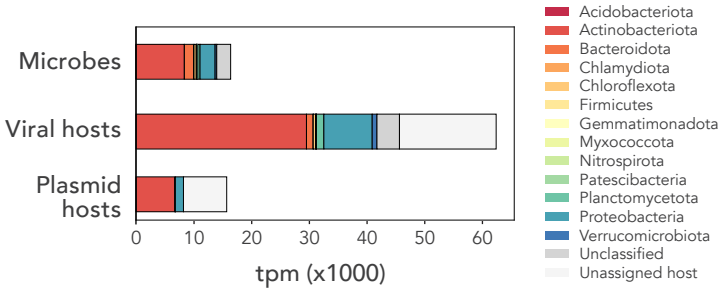
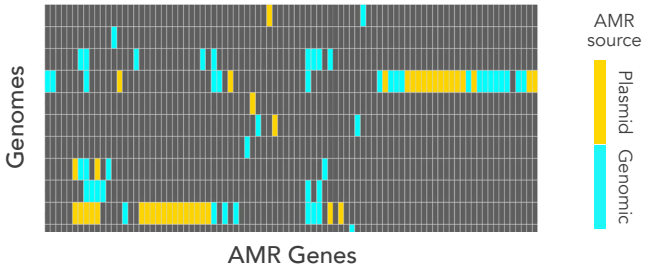
Deep insights into complex microbial communities, including the moving parts

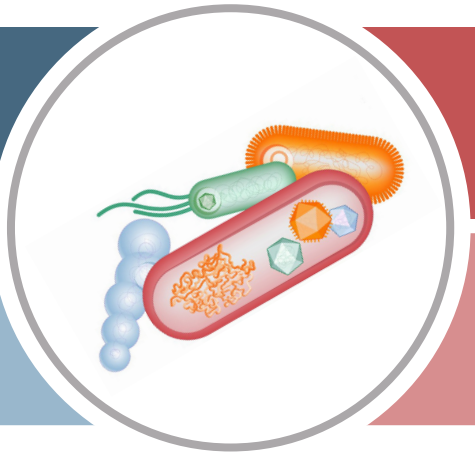
- Discover new microbial species, strains, and genes
- Link antibiotic resistance genes and plasmids to their hosts
- Use integrated computational tools to analyze results
- Reconstruct phage genomes and identify their microbial hosts without culturing
- Annotate metabolic modules and identify new biosynthetic pathways





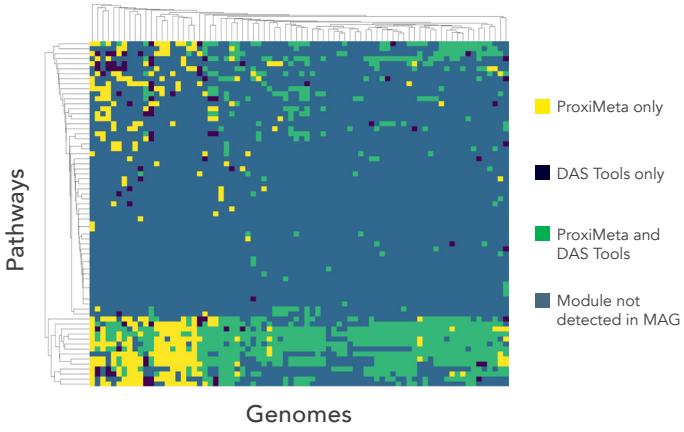
Genome-resolved metagenomics

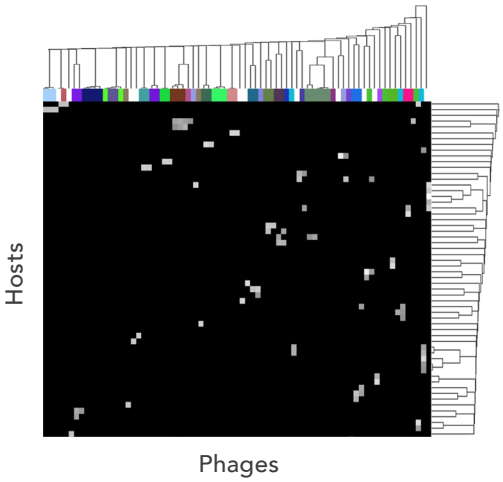
Link AMR genes to microbes



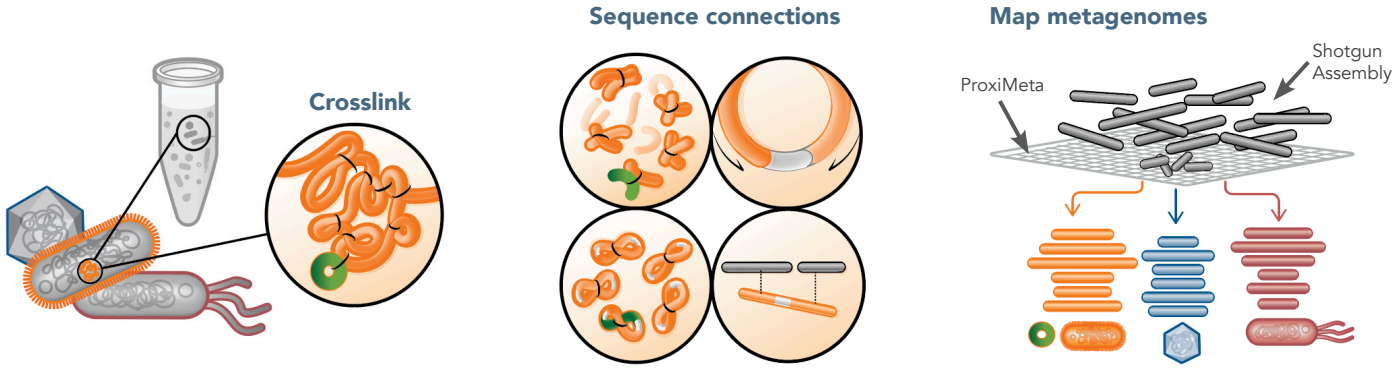
Reconstruct metabolic pathways

Connect phages to their hosts





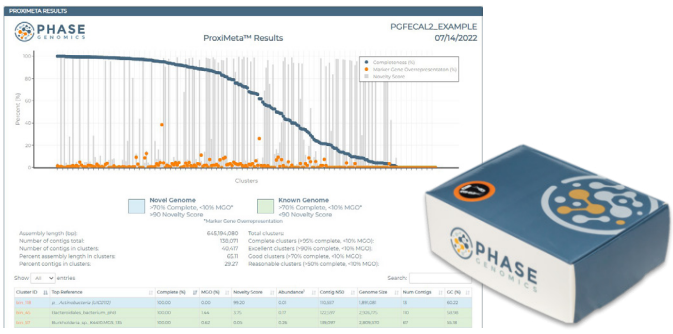
Combine proximity ligation, short-read sequencing, and computational tools to generate genome-resolved metagenomes and host-linked mobile elements



Discovery made easy

- No culturing of microbes or extraction of high-molecular weight (HMW) DNA required
- Kits allow you to prepare libraries with only 3 hours of hands-on time and convenient stopping points
- Works directly on a wide range of biological and environmental samples, including feces, swabs, biofilms, soil, and water
- Integrate with long-read assemblies for even better contiguity, completeness, and resolution

Kits or services, analysis included



- Available as a kit or sample-to-report service through our lab in Seattle
- Free cloud-based analysis always included

Get in touch with one of our scientists to discuss your next project

info@phasegenomics.com

View published research

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