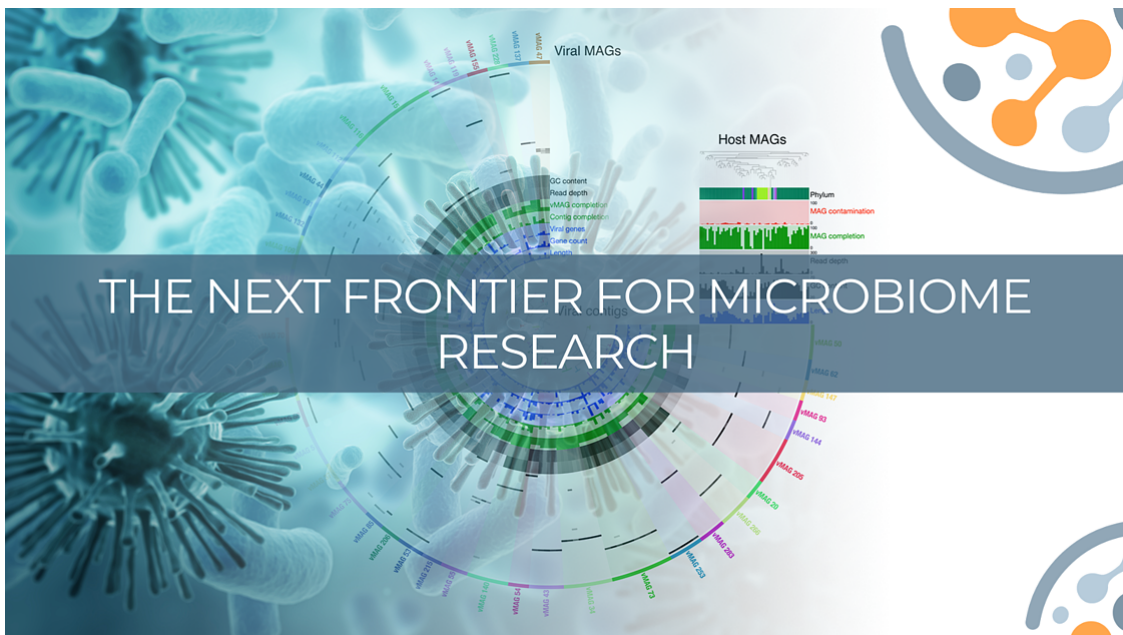


Quarterly Newsletter: Summer 2021



Major advancements happened in the world of genomics over the past several months. Here are the things you may have missed.



We published a new technique enabling the reconstruction of viral genomes from complex microbiome samples. This new application for the ProxiMeta™ platform allows researchers to discover phages and connect them with their hosts without the need for culturing.

- **Read the paper on bioRxiv** ([link](#))
- **Read about it in the news on BusinessWire** ([link](#))
- **View our poster** – as presented in the 2021 World Microbe Forum, International Human Microbiome Consortium Congress, and upcoming European Congress of Clinical Microbiology and Infectious Diseases ([link](#))
- **Review the application note** ([link](#))

MORE ON OUR SITE

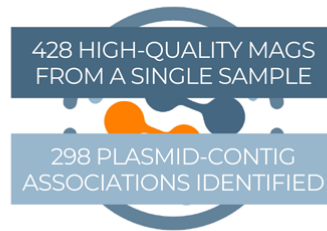
Research Highlights

Record Set using ProxiMeta

Generation of lineage-resolved complete metagenome-assembled genomes by precision phasing (May 2021)

<https://www.biorxiv.org/content/10.1101/2021.05.04.442591v1>

“ ...HIGHEST RESOLUTION
ACHIEVED WITH METAGENOMIC
DECONVOLUTION TO DATE.”



Nature article describes the best way to assemble high-quality genomes

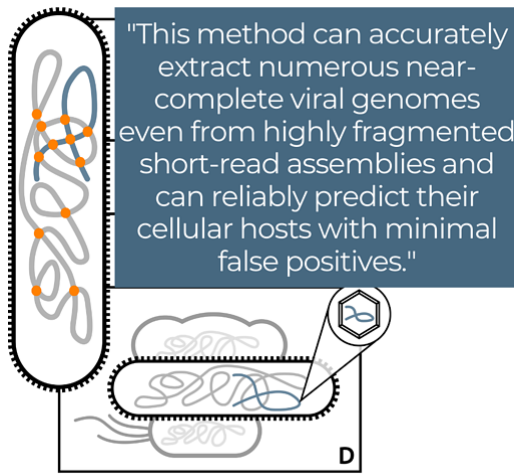
Assembling vertebrate genomes (May 2021)

<https://www.nature.com/articles/s41576-021-00379-z>

Study uses ProxiMeta platform to assign viral genomes to their hosts

Accurate viral genome reconstruction and host assignment with proximity-ligation sequencing (June 2021)

www.biorxiv.org/content/10.1101/2021.06.14.448389v1



MORE PAPERS

Phase Genomics In the News

Phase Genomics made the news several times this quarter.

Check out the articles below.

- Phase Genomics Revs Up Product Development for Hi-C Assay Applications With Eyes on Cytogenetics ([GenomeWeb](#))
- Phase Genomics Releases Platform for Discovering New Viruses in Microbiome Sample ([BusinessWire](#))
- New “Genomic Microscope” for the Microbiome Discovers Carbon Dioxide-Eating Microbes Living in Superheated Seafloor Hydrothermal Vents ([ZME Science](#))
- One Size Doesn't Fit All ([Puget Sound Business Journal](#))

Have a project in mind?

Contact Us

For research purposes only, not for clinical or diagnostic use.