



Quarterly Newsletter: Summer 2022



Eliminating One of Biology's Biggest Blindspots



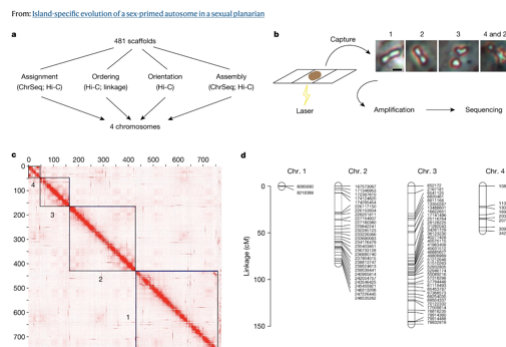
Phase Genomics Receives \$5.5M in Funding to Create the World's Largest Phage-Bacteria Interactome Repository

With the aid of researchers around the globe, Phase Genomics is collecting microbiome samples to power the development of a unique AI-driven predictive engine for therapeutic phage discovery. Read more [here](#) or listen to Clubhouse's recent [Phage Phriday Podcast](#) featuring Phase Genomics.

Research Spotlight

Island-specific evolution of a sex-primed autosome in a sexual planarian

Researchers use Proximo Hi-C data to capture an exciting discovery on the evolution of sex chromosomes. Read their Nature publication [here](#).



Genome-centric analysis of short and long read metagenomes reveals uncharacterized microbiome diversity in Southeast Asians

New publication uses our proximity-guided metagenomics tools and Nanopore sequencing to reconstruct 4,497 MAGs from 109 gut microbiomes. Discover their research [here](#).

Learn more about the [Proximo](#) and [ProxiMeta](#) platforms.

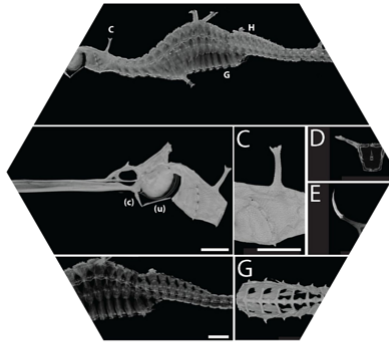
Recent Research



Relationships Among AA-Genome
Chenopodium Diploids and a Whole-Genome
Assembly of the North American Species, *C.*
watsonii



Longitudinal, multi-platform
metagenomics yields a high-quality
genomic catalog and guides an in
vitro model for cheese communities



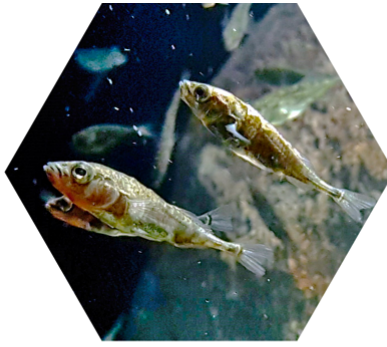
Leafy and weedy seadragon genomes connect genic and repetitive DNA features to the extravagant biology of syngnathid fishes



Pathotypes of *Fusarium oxysporum* f. sp. *fragariae* express discrete repertoires of accessory genes and induce distinct host transcriptional responses during root infection



Chromosome-Level Genome Assembly of *Mentha longifolia* L. Reveals Gene Organization Underlying Disease Resistance and Essential Oil Traits



Local adaptation and the evolution of genome architecture in threespine stickleback

MORE PAPERS

Catch us at a Conference

We are looking forward to upcoming events celebrating the achievements researchers have been making around the globe. Phase Genomics is dedicated to making our presence at these events as safe as possible and will be adapting to the most recent safety guidelines and regulations.

[International Society for Microbial Ecology](#) – Lausanne (August 14-19)

[DOE Joint Genome Institute Meeting](#) – Berkeley, CA (Aug 29-31)

[Lake Arrowhead Microbial Genomics](#) – Washington, DC (Sep 11-15)

We Are Hiring!

Phase Genomics is powered by a team of passionate experts from biology, software engineering, and business. We are seeking exceptional applicants to drive our expanding metagenomic and clinical research applications.

Current openings:

- Bioinformatics Analyst
- Product Manager – Oncology and Cytogenomics
- Software Engineer
- Computational Biologist

View our [Careers Page](#) for more information on job posts and how to apply.

Have a project in mind?

Contact Us

Phase Genomics, 1617 8th Ave N, Seattle, Washington 98109, United States, 833-742-7436

[Unsubscribe](#)

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