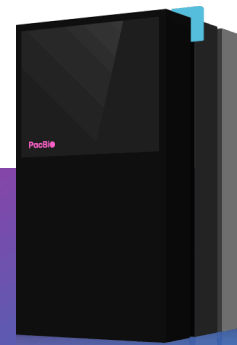




CiRA ASHBi SEMINAR

Presented by **PacBio**



DATA ANALYSIS

Bioinformatics Workshop 2025 2-DAY SEMINAR + HANDS-ON SESSION

Join us for a 2-Day Bioinformatics Hands-on Workshop

- Hands-on training with **PacBio HiFi long-read sequencing data**
- Learn essential **bioinformatics tools & techniques**
- Gain experience with **AWS cloud-based analysis workflows**
- **Guest speaker: Prof. Masao Nagasaki** (Kyushu University)



Date: Tuesday, 26 August & Wednesday, 27 August 2025

Time: 9:00 AM - 4:00 PM



Location: CiRA

- Day 1 (Tuesday): CiRA Auditorium
- Day 2 (Wednesday): CiRA Seminar Room 105



Language: English



Contact: Genome Analysis Group, Common Equipment Management Office

E-mail : corelab-genome@cira.kyoto-u.ac.jp

Please note certain skillsets are needed to participate, please review the prerequisites.



Only 20 Spots Available
Register to Sign Up Now!

Workshop Overview:

Day 1: System and Software Setup & Transcriptomics Analysis



Figure 1. Kinnex full-length RNA analysis using the Read segmentation and Iso-Seq workflow.

Day 2: Human Whole Genome & Targeted Analysis

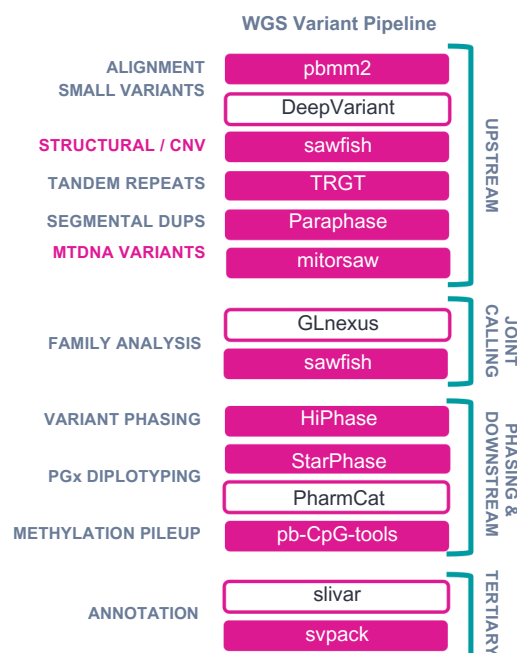
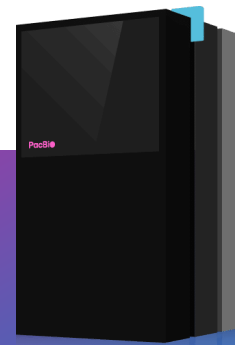


Figure 2. Overview of the WGS Variant Pipeline for secondary and tertiary sequencing analysis.



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Program Overview:

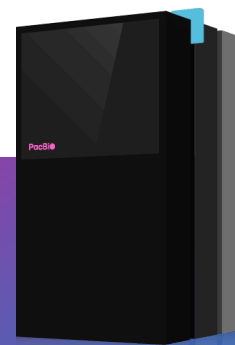
August 26, 2025 (Tuesday)

Time	Topic
9:00 - 9:05	Opening
9:05 - 9:15	Workshop Overview
9:15 - 9:30	CiRA & ASHBi Intro
9:30 - 10:30	AWS Intro
10:30 - 12:00	SMRT Link Overview I
12:00 - 13:00	Lunch Break (on your own)
13:00-14:20	SMRT Link Overview II
14:20 - 14:30	Tea Break
14:30 - 15:55	Application Overview - Kinnex
15:55 - 16:00	Closing Remarks



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DATA ANALYSIS

Bioinformatics Workshop 2025 2-DAY SEMINAR + HANDS-ON SESSION

Program Overview:

August 27, 2025 (Wednesday)

Time	Topic
9:00 - 9:05	Opening
9:05 - 9:20	Workshop Recap
9:20 - 10:20	Application Overview - Human WGS
10:20 - 10:30	Tea Break
10:30 - 12:00	Application Overview - Human WGS
12:00 - 13:00	Lunch Break (on your own)
13:00 - 13:50	Guest Speaker : Prof. Masao Nagasaki Division of Biomedical Information Analysis, Medical Research Center for High Depth Omics, Medical Institute of Bioregulation, Kyushu University
13:50 - 14:50	Application Overview - Human Targeted
14:50 - 15:00	Tea Break
15:00 - 15:55	Q&A Session: How to get started with CiRA & ASHBi
15:55 - 16:00	Closing Remarks