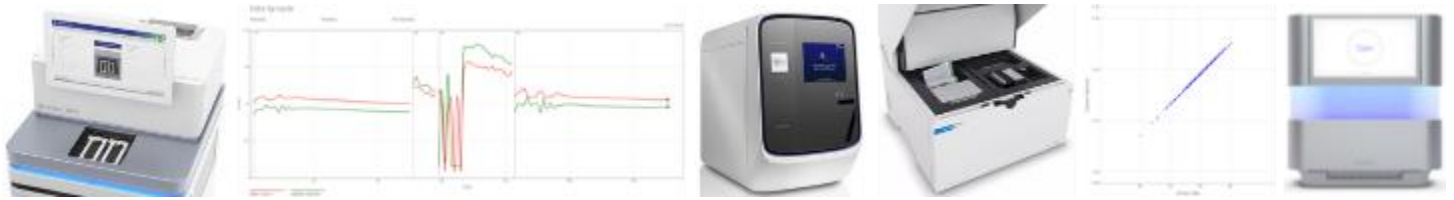


OHSU Research Cores and Shared Resources

Integrated Genomics Laboratory

OHSU's cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.



The Integrated Genomics Laboratory provides genomics services to the OHSU community.

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Introduction

The Integrated Genomics Laboratory provides services for targeted and genomic scale analysis for transcriptomics and genomics. Various units of the IGL have been in operation for almost 25 years, which translates to expertise in all aspects of shared resource operations.

Current Services

The IGL provides the following services:

1. RNA and DNA Isolation
2. RNA and DNA Evaluation
3. Sequencing Library Preparation
4. Sequencing
5. Custom Real-Time PCR
6. 10x Genomics Single Cell Analysis

We provide letters of support for grant applications. Please contact us if a support letter is needed.

The IGL is a shared resource of the University Shared Resource Program and the Knight Cancer Institute. The IGL is part of the Health Oregon Program and the Portland Alcohol Research Center.

Funding for equipment has been generously provided by OHSU and by the R.J. Murdock Charitable Trust.

Equipment

- Illumina NovaSeq 6000
- Illumina NextSeq 2000
- Covaris S220 Sonicator
- Agilent Bioanalyzer (2)
- Agilent TapeStation
- ABI StepOne and StepOnePlus Real Time PCR Systems
- ABI QuantStudio 3 Real Time PCR System
- ABI QuantStudio 7 Flex Real Time PCR System (2)
- 10x Genomics Single Cell System
- SpectraMax i3x Fluorescence Spectrometer
- Qubit Fluorescence Spectrometer
- NanoString nCounter Sprint Profiler
- Eppendorf EpMotion 5075 Liquid Handling Robot
- Qiagen QiaSymphony
- Qiagen QiaCube

Information

Please visit our website for information:

www.ohsu.edu/integrated-genomics-laboratory

Drop-ins for consultation are welcome. Come by to ask questions about designing experiments and working with the data or just to learn about the technology or connect with us virtually.

The Integrated Genomics Laboratory is a consolidation of three previously standalone shared resources: the Massively Parallel Sequencing Shared Resource, the Gene Profiling Shared Resource, and the DNA Services Core.

