# **Resource Summary Report**

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# Oregon Health and Science University Integrated Genomics Laboratory Core Facility

RRID:SCR 022651

Type: Tool

### **Proper Citation**

Oregon Health and Science University Integrated Genomics Laboratory Core Facility (RRID:SCR\_022651)

#### Resource Information

**URL:** https://www.ohsu.edu/integrated-genomics-laboratory

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**Description:** Lab houses three cores providing support and services from nucleic acid isolation through data generation on multiple genomic and molecular analysis platforms. Nucleic acid extraction, qPCR, and Nanostring profiling services are available through the Gene Profiling Shared Resource for gene expression profiling, microRNA profiling, DNA genotyping and copy number analysis, and DNA methylation analyses. Currently running QuantStudio real-time PCR system. Comprehensive RNA and DNA extraction and quality assessment services available. Massively parallel sequencing (NGS) services, including library preparation, are available through Massively Parallel Sequencing Shared Resource on Illumina NovaSeq 6000 and NextSeq platforms. 10x Genomics single-cell and single-nuclei analysis services available. Cell line authentication, DNA plating, and custom oligo services are available through DNA Services Core.

Abbreviations: IGL

**Synonyms:** Integrated Genomics Laboratory, Oregon Health and Science University Integrated Genomics Laboratory

Resource Type: core facility, service resource, access service resource

**Keywords:** USEDit, ABRF, nucleic acid isolation, data generation, multiple genomic and molecular analysis platforms

#### **Funding:**

Resource Name: Oregon Health and Science University Integrated Genomics Laboratory

Core Facility

Resource ID: SCR\_022651

Alternate IDs: ABRF\_208

Alternate URLs: https://coremarketplace.org/?FacilityID=208&citation=1

**Record Creation Time:** 20220805T050153+0000

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# Ratings and Alerts

No rating or validation information has been found for Oregon Health and Science University Integrated Genomics Laboratory Core Facility.

No alerts have been found for Oregon Health and Science University Integrated Genomics Laboratory Core Facility.

#### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at <u>NIF</u>.

Minko IG, et al. (2024) Frequencies and spectra of aflatoxin B1-induced mutations in liver genomes of NEIL1-deficient mice as revealed by duplex sequencing. NAR molecular medicine, 1(2), ugae006.