

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, access service resource, service resource

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

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

Record Last Update: 20260808T190705+0000

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 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Newell LF, et al. (2026) Attenuation of Immune Senescence Markers After Intensive Cancer Therapy Through Resistance Training: A Pilot Study. *Cancers*, 18(11).

Methner C, et al. (2026) Selective Pharmacological Blockade of GPR39 Markedly Reduces No Reflow and Infarct Volumes in a Rat Model of Acute Myocardial Infarction. *bioRxiv* : the preprint server for biology.

Methner C, et al. (2026) Deletion of GPR39 Prevents Pulmonary Arterial Hypertension by Attenuating Hypoxia-Induced Aberrant Signaling. *bioRxiv* : the preprint server for biology.

Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.

Hashimoto JG, et al. (2026) Astrocyte Reactivity by Alcohol Dependence in the Central Amygdala. *bioRxiv* : the preprint server for biology.

Minko IG, et al. (2025) Aflatoxin B1-Induced Hepatic Mutagenesis in Mice Expressing Gene-Edited Neil1. *Environmental and molecular mutagenesis*, 66(4), 144.

Luzadder MM, et al. (2025) The Distinct Roles of NEIL1 and XPA in Limiting Aflatoxin B1-Induced Mutagenesis in Mice. *Molecular cancer research : MCR*, 23(1), 46.

Su XT, et al. (2024) Enriched Single-Nucleus RNA-Sequencing Reveals Unique Attributes of Distal Convolved Tubule Cells. *Journal of the American Society of Nephrology : JASN*,

35(4), 426.

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.