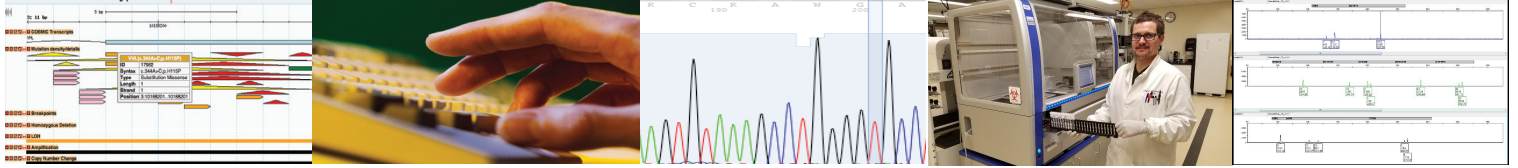


OHSU Research Cores and Shared Resources

DNA Services

A Unit of the 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.



Human cell line authentication, solid-phase oligonucleotide synthesis, and DNA plating services.

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Introduction

The **DNA Services** core provides high-quality cell line authentication services and access to low cost oligonucleotide synthesis services. The core maintains high-throughput instrumentation and optimized protocols to deliver these services with the support of trained and knowledgeable staff. Core staff is available for assistance with experimental design, technical guidance, and results trouble-shooting.

Services

1. **Fragment analysis**
2. **Cell line authentication**
3. **Oligonucleotide synthesis** via Integrated Genomics (IDT) web portal
4. **DNA plating** (high-throughput PicoGreen quantitation, normalization, shipment to external sites, etc.)

Sample Drop-Off and Pick-Up Service

- ▶ 5th floor, Richard Jones Hall (Marquam Hill)
- ▶ 4th floor, Knight Cancer Research Building Building (South Waterfront Campus)

DNA Isolation Services

DNA isolation services are available through our sister core the Gene Profiling Shared Resource, www.ohsu.edu/gpsr.

Cost Effective and Convenient

We provide guidance with sample preparation, data interpretation, and experimental design. Easy to use sample drop-off sites are available on Marquam Hill and South Waterfront Campus. Turnaround times are fast and we keep service fees as low as possible.

Equipment and Software

- ▶ NanoDrop spectrophotometer
- ▶ epMotion 5075 liquid handling robot
- ▶ SpectraMax i3x multi-mode microplate reader
- ▶ GeneMapper software (ThermoFisher)

Getting Started

To learn more about core lab services go to www.ohsu.edu/dna or contact Trevor McFarland at mcfarlat@ohsu.edu

To request services, please login to the **OHSU iLab Solutions website at: <https://ohsu.corefacilities.org>** and select the Gene Profiling/RNA and DNA Services Shared Resource.