# Resource Summary Report

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# University of Miami Hussman Institute for Human Genomics Genotyping Core Facility

RRID:SCR_017820
Type: Tool

## Proper Citation

University of Miami Hussman Institute for Human Genomics Genotyping Core Facility (RRID:SCR_017820)

## Resource Information

**URL:** http://hihg.med.miami.edu/cgt/genotyping

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**Description:** Core provides services in analyzing genetic variation, performing genome-wide association studies, conducting non-human genotyping. Offers flexible platforms from low to high throughput, tailored to research needs. Specializes in Illumina Genotyping Arrays and TaqMan Allelic Discrimination Assays, with fully automated processing using Tecan EVOs and BioMek liquid handlers and Genologics LIMS for reliable data tracking.Applications include: GWAS – Identify genetic variants linked to traits and diseases; PRS Analysis – Assess genetic risk for complex diseases; Pharmacogenomics – Study genetic factors in drug response; Population Genetics – Explore ancestry and genetic diversity; CNV Analysis – Detect large-scale genomic variations; Methylation Analysis.

**Synonyms:** , Genotyping at the CGT, University of Miami Miller School of Medicine Genotyping Core Facility

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

**Keywords:** Genotyping, data, analysis, epigenetics, methylation, sequencing, ABRF

**Availability:** Open

**Resource Name:** University of Miami Hussman Institute for Human Genomics Genotyping Core Facility

**Resource ID:** SCR_017820

**Alternate IDs:** ABRF_596

**Alternate URLs:** https://coremarketplace.org/?FacilityID=596&citation=1

**Record Creation Time:** 20220129T080337+0000

**Record Last Update:** 20260808T190649+0000

## Ratings and Alerts

No rating or validation information has been found for University of Miami Hussman Institute for Human Genomics Genotyping Core Facility.

No alerts have been found for University of Miami Hussman Institute for Human Genomics Genotyping Core Facility.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Song Z, et al. (2026) A Human Pharmacogenomics Approach Provides Insight Into the Pathogenesis and Pathophysiology of Steroid-Induced Ocular Hypertension. Ophthalmology science, 6(8), 101239.

Hupalo D, et al. (2026) The NeuroBioBank whole-genome catalogue of human brain donors with central nervous system disorders. Brain : a journal of neurology, 149(7), 2333.

Song Z, et al. (2025) Pharmacogenomics of steroid-induced ocular hypertension: relationship to high-tension glaucomas and new pathophysiologic insight. medRxiv : the preprint server for health sciences.