## **Resource Summary Report**

Generated by RRID on May 20, 2025

# Benaroya Research Institute Genomics Core Facility

RRID:SCR 026658

Type: Tool

### **Proper Citation**

Benaroya Research Institute Genomics Core Facility (RRID:SCR\_026658)

#### **Resource Information**

URL: https://www.benaroyaresearch.org/our-research/core-labs/genomics-core

**Proper Citation:** Benaroya Research Institute Genomics Core Facility (RRID:SCR\_026658)

**Description:** Core provides services for genomics analysis, from sample processing through data generation. Available technologies focus on Illumina RNA and DNA sequencing. RNA-seq can be performed from a variety of sample types, including purified total RNA, cell populations (including low input samples of 50-1000 cells), or single cells (either plate-sorted rare populations or high-throughput 10x single-cell analyses). DNA-seq pipelines can also be performed, including bulk CUT and Tag/CUT and RUN, and ATAC-seq and single cell ATACseq and multiome capture. Custom prepared libraries can also be submitted for sequencing. Core laboratory houses Illumina sequencers, NextSeq2000 instruments and Miseq, plus 10x Chromium X and 10x CytAssist. Additional equipment includes ThermoFisher Kingfisher Flex, for extracting nucleic acid from variety of sample types using magnetic bead technology with throughput of up to 96 samples. Qiagen QIAcube Connect instruments automate extraction of nucleic acid using spin column technology. Ancillary equipment for sample processing includes Formulatrix Mantis Liquid Handler, Agilent TapeStation 4200 and Tecan NanoQuant.

Synonyms: , BRI Genomics Core, Benaroya Research Institute BRI Genomics Core

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

**Keywords:** ABRF, genomics analysis, sample processing, data generation,

**Funding:** 

Resource Name: Benaroya Research Institute Genomics Core Facility

Resource ID: SCR\_026658

Alternate IDs: ABRF\_3104

Alternate URLs: https://coremarketplace.org/?FacilityID=3104&citation=1

**Record Creation Time:** 20250326T060329+0000

**Record Last Update:** 20250519T205540+0000

### **Ratings and Alerts**

No rating or validation information has been found for Benaroya Research Institute Genomics Core Facility.

No alerts have been found for Benaroya Research Institute Genomics Core Facility.

### **Data and Source Information**

Source: SciCrunch Registry

## Usage and Citation Metrics

We have not found any literature mentions for this resource.