

Resource Summary Report

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UH Manoa Sequencing Facility

RRID:SCR_010114

Type: Tool

Proper Citation

UH Manoa Sequencing Facility (RRID:SCR_010114)

Resource Information

URL: <http://hawaii.eagle-i.net/i/0000012b-3599-5885-2f73-b43980000000>

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Description: Core facility that provides the following services: Construction and validation of random-sheared DNA fragment libraries, DNA sequencing (Sanger) service, 96-well plasmid preparation service, Genotyping/fragment analysis, BAC end sequencing, Plasmid library construction service, Genome sequencing project. The ASGPB genome infrastructure currently consists of several state-of-the-art capillary-based DNA sequencers and accessory equipment to deal with large sample volumes. The facility can process up to 9000 samples per day with a projected sequence output of 6.75 Million bases. Several prokaryotic and one eukaryotic genome project are currently in progress. The facility offers DNA sequencing services for a wide range of templates including plasmid DNA, PCR fragments, cosmid DNA, and Bacterial Artificial Chromosomes (BACs). Sequencing reactions are performed using Applied Biosystems BigDye terminator chemistry and are run on ABI 3730XL capillary-based DNA sequencers.

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

Keywords: library preparation, dna sequencing, plasmid purification, genotyping assay, nucleic acid fragment analysis, sequencing assay, next generation sequencing

Resource Name: UH Manoa Sequencing Facility

Resource ID: SCR_010114

Alternate IDs: nlx_156587

Record Creation Time: 20220129T080256+0000

Record Last Update: 20260729T044239+0000

Ratings and Alerts

No rating or validation information has been found for UH Manoa Sequencing Facility.

No alerts have been found for UH Manoa Sequencing Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.