

Resource Summary Report

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Broad Genetic Analysis Platform

RRID:SCR_009690

Type: Tool

Proper Citation

Broad Genetic Analysis Platform (RRID:SCR_009690)

Resource Information

URL: <http://harvard.eagle-i.net/i/0000012e-6e00-af62-55da-381e80000000>

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Description: Core facility that provides the following services: DNA analysis - Affymetrix GeneChip arrays service, DNA analysis - Illumina Infinium whole genome genotyping service, DNA analysis - custom content genotyping service, RNA Analysis - Affymetrix gene expression service, RNA Analysis - Illumina Gene Expression service, RNA Analysis - Illumina whole-genome DASL service. The Genetic Analysis Platform collaborates with scientists at the Broad and across the world to identify and characterize patterns of genetic variation and gene expression. These patterns can yield a deeper understanding of how genetic factors influence disease risk and treatment outcomes in a wide range of human diseases, including type 2 diabetes, Crohn's disease, schizophrenia, and cancer, among many others. Over the past several years, the platform has been a leading contributor to major projects such as the International Haplotype Map Project, The Cancer Genome Atlas, the 1,000 Genomes Project, the Genes and Environment Initiative, and served as a national genotyping center under a NIH/NCRR program. Genetic Analysis Platform (GAP) scientists are experts in a wide range of genomic technologies and technology platforms, including genotyping, gene expression and directed resequencing, and routinely apply these technologies to studies of both human and non-human samples. In addition, teams of platform researchers work to test out emerging genetic technologies, develop informatics tools and infrastructure to enhance scientific research, and coordinate large-scale projects involving collaborators both within and beyond the Broad.

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

Keywords: genotyping assay, gene expression analysis assay

Resource Name: Broad Genetic Analysis Platform

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Alternate IDs: nlx_156149

Alternate URLs: <http://www.broadinstitute.org/scientific-community/science/platforms/genetic-analysis/genetic-analysis-platform>

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Ratings and Alerts

No rating or validation information has been found for Broad Genetic Analysis Platform.

No alerts have been found for Broad Genetic Analysis Platform.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.