

Resource Summary Report

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National Institute of Mental Health (NIMH) Human Genetics Initiative

RRID:SCR_007436

Type: Tool

Proper Citation

National Institute of Mental Health (NIMH) Human Genetics Initiative (RRID:SCR_007436)

Resource Information

URL: <http://www.broad.mit.edu/node/305>

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Description: The Connectivity Map aims to generate a detailed map that links gene patterns associated with disease to corresponding patterns produced by drug candidates and a variety of genetic manipulations. The Connectivity Map is the most comprehensive effort yet for using genomics in a drug-discovery framework. It allows researchers to screen compounds against genome-wide disease signatures, rather than a pre-selected set of target genes. Drugs are paired with diseases using sophisticated pattern-matching methods with a high level of resolution and specificity. To build a Connectivity Map, the Broad Institute brings together molecular biologists, genomics specialists, computational scientists, pharmacologists, chemists and chemical biologists, as well as expertise from across the breadth and depth of medicine. Connectivity map is a large public database of signatures of drugs and genes, and pattern-matching tools to detect similarities among these signatures. The parent site for the Broad Institute at MIT has a software library of software applications developed for use in genetic analysis.

Synonyms: NIMH Human Genetics Initiative

Resource Type: data or information resource, database, software resource

Keywords: gene, genome, small molecule

Funding: NIMH

Resource Name: National Institute of Mental Health (NIMH) Human Genetics Initiative

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Alternate IDs: nif-0000-00629

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260912T195654+0000

Ratings and Alerts

No rating or validation information has been found for National Institute of Mental Health (NIMH) Human Genetics Initiative.

No alerts have been found for National Institute of Mental Health (NIMH) Human Genetics Initiative.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.