Resource Summary Report

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HMS LINCS Center

RRID:SCR_016370
Type: Tool

Proper Citation

HMS LINCS Center (RRID:SCR_016370)

Resource Information

URL: http://lincs.hms.harvard.edu/

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Description: Center that is part of the NIH Library of Integrated Network-based Cellular Signatures (LINCS) Program. Its goals are to collect and disseminate data and analytical tools needed to understand how human cells respond to perturbation by drugs, the environment, and mutation.

Abbreviations: HMS LINCS

Synonyms: LINCS Center, Harvard Medical School LINCS Center, Harvard Medical School LINCS, Harvard Medical School (HMS) LINCS Center

Resource Type: data or information resource, portal, organization portal

Defining Citation: PMID:29199020

Keywords: LINCS, Program, library, network, cell, signature, analysis, drugs, human, research

Funding: NHLBI U54 HL127365

Resource Name: HMS LINCS Center

Resource ID: SCR_016370

Record Creation Time: 20220129T080330+0000

Record Last Update: 20250422T055928+0000

Ratings and Alerts

No rating or validation information has been found for HMS LINCS Center.

No alerts have been found for HMS LINCS Center.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

König LE, et al. (2024) TYK2 as a novel therapeutic target in Alzheimer's Disease with TDP-43 inclusions. bioRxiv : the preprint server for biology.

Rajadurai A, et al. (2024) Identification of Collagen-Suppressive Agents in Keloidal Fibroblasts Using a High-Content, Phenotype-Based Drug Screen. JID innovations : skin science from molecules to population health, 4(2), 100248.

Duan QQ, et al. (2024) TBK1, a prioritized drug repurposing target for amyotrophic lateral sclerosis: evidence from druggable genome Mendelian randomization and pharmacological verification in vitro. BMC medicine, 22(1), 96.

Carvalho DM, et al. (2022) Repurposing Vandetanib plus Everolimus for the Treatment of ACVR1-Mutant Diffuse Intrinsic Pontine Glioma. Cancer discovery, 12(2), 416.

Tito C, et al. (2020) LINC00174 is a novel prognostic factor in thymic epithelial tumors involved in cell migration and lipid metabolism. Cell death & disease, 11(11), 959.

Suebsuwong C, et al. (2020) Receptor-interacting protein kinase 2 (RIPK2) and nucleotide-binding oligomerization domain (NOD) cell signaling inhibitors based on a 3,5-diphenyl-2-aminopyridine scaffold. European journal of medicinal chemistry, 200, 112417.

Cruz da Silva E, et al. (2019) Role of Integrins in Resistance to Therapies Targeting Growth Factor Receptors in Cancer. Cancers, 11(5).

Lin JR, et al. (2018) Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. eLife, 7.

Keenan AB, et al. (2018) The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. Cell systems, 6(1), 13.

Tripathi KP, et al. (2018) An integrated approach to infer cross-talks between intracellular protein transport and signaling pathways. BMC bioinformatics, 19(Suppl 2), 58.

Yu Y, et al. (2018) Two birds, one stone: hesperetin alleviates chemotherapy-induced diarrhea and potentiates tumor inhibition. Oncotarget, 9(46), 27958.

Niepel M, et al. (2017) Common and cell-type specific responses to anti-cancer drugs revealed by high throughput transcript profiling. Nature communications, 8(1), 1186.

Shen Y, et al. (2017) Systematic, network-based characterization of therapeutic target inhibitors. PLoS computational biology, 13(10), e1005599.

Williams CAC, et al. (2017) A Simple Method to Identify Kinases That Regulate Embryonic Stem Cell Pluripotency by High-throughput Inhibitor Screening. Journal of visualized experiments : JoVE(123).

Cárdenas C, et al. (2016) Selective Vulnerability of Cancer Cells by Inhibition of Ca(2+) Transfer from Endoplasmic Reticulum to Mitochondria. Cell reports, 14(10), 2313.