Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Harmony

RRID:SCR_018809
Type: Tool

Proper Citation

Harmony (RRID:SCR_018809)

Resource Information

URL: https://www.perkinelmer.com/uk/product/harmony-4-8-office-hh17000001

Proper Citation: Harmony (RRID:SCR_018809)

Description: Harmony high content imaging and analysis software. Used to quantify complex cellular phenotypes. Designed for PerkinElmer high content screening systems.

Synonyms: Harmony 4.8

Resource Type: data processing software, image analysis software, data acquisition software, image acquisition software, software resource, software application

Keywords: Imaging, analysis, cellular phenotype quantification, PerkinElmer, high content, screening system, cell phenotypic screening, live cell imaging,

Funding:

Availability: Restricted

Resource Name: Harmony

Resource ID: SCR_018809

Record Creation Time: 20220129T080342+0000

Record Last Update: 20250426T060734+0000

Ratings and Alerts

No rating or validation information has been found for Harmony.

No alerts have been found for Harmony.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Do QB, et al. (2024) Early deficits in an in vitro striatal microcircuit model carrying the Parkinson's GBA-N370S mutation. NPJ Parkinson's disease, 10(1), 82.

Kortleve D, et al. (2024) TCR-Engineered T Cells Directed against Ropporin-1 Constitute a Safe and Effective Treatment for Triple-Negative Breast Cancer. Cancer discovery, 14(12), 2450.

Lee H, et al. (2024) Nuclear respiratory factor-1 (NRF1) induction as a powerful strategy to deter mitochondrial dysfunction and senescence in mesenchymal stem cells. Aging cell, e14446.

Feng J, et al. (2024) Monitoring norepinephrine release in vivo using next-generation GRABNE sensors. Neuron, 112(12), 1930.

Maddison DC, et al. (2023) COPI-regulated mitochondria-ER contact site formation maintains axonal integrity. Cell reports, 42(8), 112883.

Wang X, et al. (2023) Rab12 is a regulator of LRRK2 and its activation by damaged lysosomes. eLife, 12.

Lee H, et al. (2023) In vitro characterization on the role of APOE polymorphism in human hippocampal neurogenesis. Hippocampus, 33(4), 322.

Gelléri M, et al. (2023) True-to-scale DNA-density maps correlate with major accessibility differences between active and inactive chromatin. Cell reports, 42(6), 112567.

Roberts MA, et al. (2023) Parallel CRISPR-Cas9 screens identify mechanisms of PLIN2 and lipid droplet regulation. Developmental cell, 58(18), 1782.

Dai X, et al. (2022) Developmental dynamics of chromatin accessibility during post-implantation development of monkey embryos. GigaScience, 12.

Pantaleão LC, et al. (2022) Maternal diet-induced obesity during pregnancy alters lipid

supply to mouse E18.5 fetuses and changes the cardiac tissue lipidome in a sex-dependent manner. eLife, 11.

Baytas O, et al. (2022) Mitochondrial enzyme GPT2 regulates metabolic mechanisms required for neuron growth and motor function in vivo. Human molecular genetics, 31(4), 587.

Casteels T, et al. (2022) SMNDC1 links chromatin remodeling and splicing to regulate pancreatic hormone expression. Cell reports, 40(9), 111288.

Wookey P, et al. (2021) Methods to measure calcitonin receptor activity, up-regulated in cell stress, apoptosis and autophagy. F1000Research, 10, 1019.

Mevel R, et al. (2020) RUNX1 marks a luminal castration-resistant lineage established at the onset of prostate development. eLife, 9.

Massey AJ, et al. (2018) A high content, high throughput cellular thermal stability assay for measuring drug-target engagement in living cells. PloS one, 13(4), e0195050.

Koní?ová J, et al. (2017) Modulated DISP3/PTCHD2 expression influences neural stem cell fate decisions. Scientific reports, 7, 41597.

Tee JY, et al. (2016) Schizophrenia patient-derived olfactory neurosphere-derived cells do not respond to extracellular reelin. NPJ schizophrenia, 2, 16027.

Medina DL, et al. (2015) Lysosomal calcium signalling regulates autophagy through calcineurin and ?TFEB. Nature cell biology, 17(3), 288.

Zhan Y, et al. (2015) Development of novel cellular histone-binding and chromatin-displacement assays for bromodomain drug discovery. Epigenetics & chromatin, 8, 37.