

Resource Summary Report

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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, software resource, image analysis software, image acquisition software, software application, data acquisition software

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

Availability: Restricted

Resource Name: Harmony

Resource ID: SCR_018809

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260731T043035+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

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. *EBioMedicine*, 122, 106036.

Timilsina S, et al. (2025) Epigenetic silencing of DNA sensing pathway by FOXM1 blocks stress ligand-dependent antitumor immunity and immune memory. *Nature communications*, 16(1), 3967.

Weidling I, et al. (2025) hiPSC-neurons recapitulate the subtype-specific cell intrinsic nature of susceptibility to neurodegenerative disease-relevant aggregation. *Acta neuropathologica communications*, 13(1), 108.

Wells RC, et al. (2025) Dual targeting of transferrin receptor and CD98hc enhances brain exposure of large molecules. *Cell reports*, 44(8), 116038.

Littler S, et al. (2025) Targeting SUMOylation in ovarian cancer: Sensitivity, resistance, and the role of MYC. *iScience*, 28(6), 112555.

Sureshchandra S, et al. (2025) Deep profiling of human T cells defines compartmentalized clones and phenotypic trajectories across blood and tonsils. *Immunity*, 58(12), 3130.

Zhao H, et al. (2025) Single-Cell Analysis of Posttranslational Modifications Identifies Immunosuppressive Macrophage Subtypes in the HBV-Positive Hepatocellular Carcinoma Microenvironment. *Cancer immunology research*, 13(8), 1303.

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.

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.

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.

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

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

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

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.