

# 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>

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**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:** software application, image acquisition software, image analysis software, data processing software, software resource, 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:** 20260817T040637+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 34 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

O'Callaghan B, et al. (2026) Glucose concentration of neuronal media formulations influences PINK1-dependent mitophagy in human iNeurons. *Autophagy reports*, 5(1), 2685472.

Woo SM, et al. (2026) Inhibiting Fatty Acid Oxidation Reverses Autophagy-Mediated Acquired Chemotherapy Resistance in Pancreatic Ductal Adenocarcinoma. *Cancer research*, 86(13), 3194.

Tang E, et al. (2026) Low-Strength Type I Interferon Signaling Promotes CAR T-cell Treatment Efficacy. *Cancer immunology research*, 14(8), 1292.

Roger E, et al. (2026) ATM Deficiency Induces TGF $\beta$ -Mediated Stromal Programming in Pancreatic Cancer. *Cancer research*, 86(14), 3412.

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.

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.

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.

Little 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.

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

Montuori G, et al. (2025) Extrachromosomal DNA-Driven Oncogene Dosage Heterogeneity Promotes Rapid Adaptation to Therapy in MYCN-Amplified Cancers. *Cancer discovery*, 15(10), 2054.

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.