Resource Summary Report

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PerkinElmer Opera Phenix High Content Screening System

RRID:SCR_021100
Type: Tool

Proper Citation

PerkinElmer Opera Phenix High Content Screening System (RRID:SCR_021100)

Resource Information

URL: https://www.perkinelmer.com/Product/opera-phenix-plus-system-hh14001000

Proper Citation: PerkinElmer Opera Phenix High Content Screening System (RRID:SCR_021100)

Description: Opera Phenix Plus system for high throughput high content assays, phenotypic screening, assays using complex disease models, such as live cells, primary cells and microtissues, and fast response assays like calcium flux or cardiomyocyte beating.Optical design lets you generate information through confocal imaging and at higher throughput through simultaneous acquisition. Delivers speed without compromising sensitivity. Uses Harmony High Content Imaging and Analysis Software to quantify complex cellular phenotypes. Harmony software is designed for PerkinElmer high content screening systems.

Synonyms: Opera Phenix Plus

Resource Type: instrument resource

Keywords: PerkinElmer, confocal imaging, simultaneous acquisition, high throughput high content assays, phenotypic screening, Harmony software, high content screening systems, instrument, equipment, USEDit

Funding:

Availability: Commercially available

Resource Name: PerkinElmer Opera Phenix High Content Screening System

Resource ID: SCR_021100

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250420T015106+0000

Ratings and Alerts

No rating or validation information has been found for PerkinElmer Opera Phenix High Content Screening System.

No alerts have been found for PerkinElmer Opera Phenix High Content Screening System.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.

Badja C, et al. (2024) Insights from multi-omic modeling of neurodegeneration in xeroderma pigmentosum using an induced pluripotent stem cell system. Cell reports, 43(6), 114243.

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

Berryer MH, et al. (2023) Robust induction of functional astrocytes using NGN2 expression in human pluripotent stem cells. iScience, 26(7), 106995.

Kodani Y, et al. (2022) EpCAM Is a Surface Marker for Enriching Anterior Pituitary Cells From Human Hypothalamic-Pituitary Organoids. Frontiers in endocrinology, 13, 941166.