

Phenoglyphs machine learning module for IN Carta

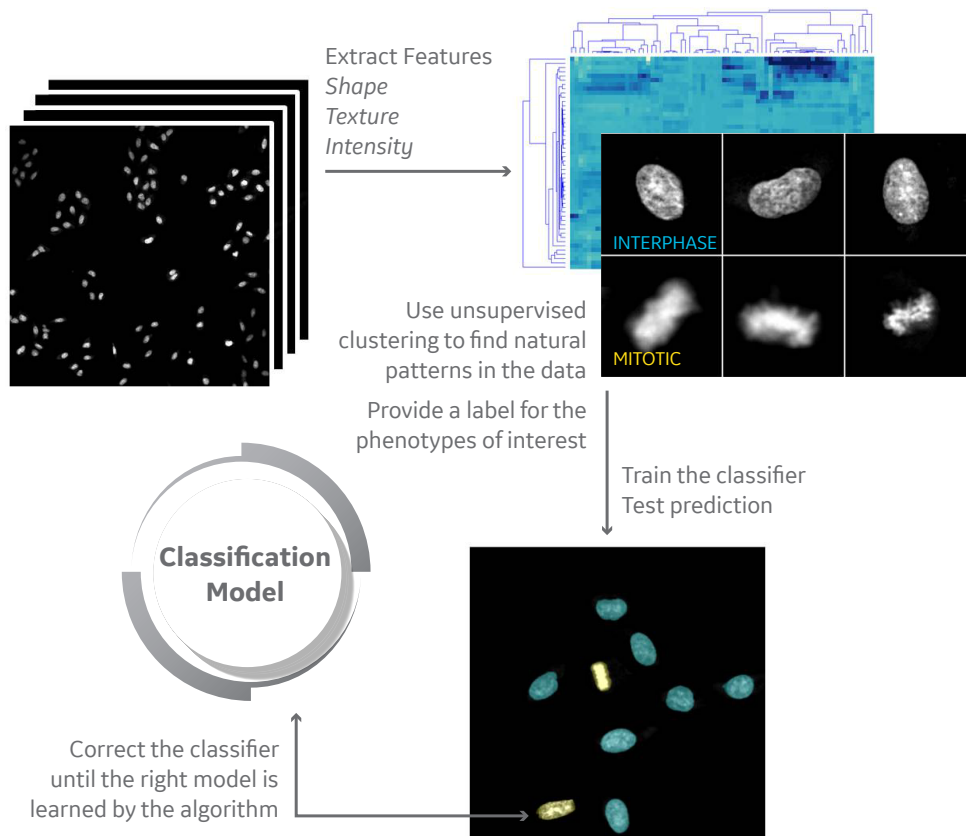
# Tiny differences. Big breakthroughs.

Traditional High Content Analysis relies heavily on the user to devise an analysis strategy for identifying phenotypic subpopulations. Manually choosing measurements and setting thresholds that are phenotypically selective is tedious, sensitive to user bias, and is often poor at differentiating subtle phenotypic differences. The Phenoglyphs™ module for IN Carta™ automates and simplifies this complex process with the use of machine learning.

Comprehensive

Robust

Simplified workflow





# Your HCA solution: from assay to answer

## Faster data

- Get started quickly with intuitive user interface and flexible protocol design
- Collect the right data every time with Smart Scan
- Learn more from a single experiment

## Reliable data

- Improved image segmentation and quantification from deconvolution and IRIS confocal technologies
- Consistent image quality with automated acquisition tools for all sample types
- Guidance for your most challenging assays with experienced applications support

## Results that matter

- Get comprehensive answers by asking complex questions
- Obtain physiologically relevant results with advanced live cell environmental control
- Explore more relevant biological models with tools optimized for 3D imaging

## Ordering information

Description	Product code
IN Carta software	29178556
Phenoglyphs module	29338602
IN Cell Analyzer 2500HS	29240356
IN Cell Analyzer 6500HS	29240358



### IN Cell Analyzer 2500HS

Flexible, modular widefield imaging



### IN Cell Analyzer 6500HS

High end, laser-based confocal imaging

[gelifesciences.com/HCAsoftware](http://gelifesciences.com/HCAsoftware)

GE, the GE Monogram Phenoglyphs, and IN Carta are trademarks of General Electric Company.

© 2018 General Electric Company.

The IN Cell Analyzer system and the In Cell Investigator software are sold under use license from Cellomics Inc. under US patent numbers: 6,716,588, 6,917,884, 6,986,993, 7,060,445, 7,085,765, 7,160,687, 7,235,373; Canadian patent numbers CA 2282658, 2328194, 2362117, 2381344; European patent numbers EP 0983498, 1095277, 1155304, 1203214, 1348124, 1368689; Japanese patent numbers JP 3466568, 3576491, 3683591, 4011936 and equivalent patents and patent applications in other countries.

GE Healthcare UK Limited, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA UK

For local office contact information, visit [www.gelifesciences.com/contact](http://www.gelifesciences.com/contact)

KA5663161018FL