

# Phenologic.AI

## The power of more.

Powering your cellular image analysis.

Building on more than 10 years experience in high-content image analysis with machine learning, Phenologic.AI™ takes image analysis to the next level.

The Phenologic.AI module for Signals Image Artist™ image analysis software uses pre-trained deep-learning image-analysis models for analysis of brightfield images.

- **More multiplexing:** Phenologic.AI's brightfield analysis capability provides an additional channel for multiplexing, which means an additional marker can be imaged and analyzed.
- **Easier analysis of live cell assays:** The models are pre-trained with a variety of cell lines which helps to avoid a manual, time-consuming and tedious training phase.

Phenologic.AI is a deep neural network model offering robust identification of cellular structures, such as nuclei, and providing reliable phase contrast imaging to delineate the cytoplasmic regions of individual cells.

Learn More at: [revvitysignals.com/phenologic-ai](https://revvitysignals.com/phenologic-ai)

