

# WHAT'S NEW IN INFORM 2.5?

inForm software allows image analysis of Akoya Biosciences imagery taken with Mantra, Vectra 3, or Vectra Polaris, along with standard image formats such as .tif, .jpg, and .png images.

Below, we've highlighted the new features of inForm 2.5:

- Custom composite views
- Composite legend
- Exporting with composites

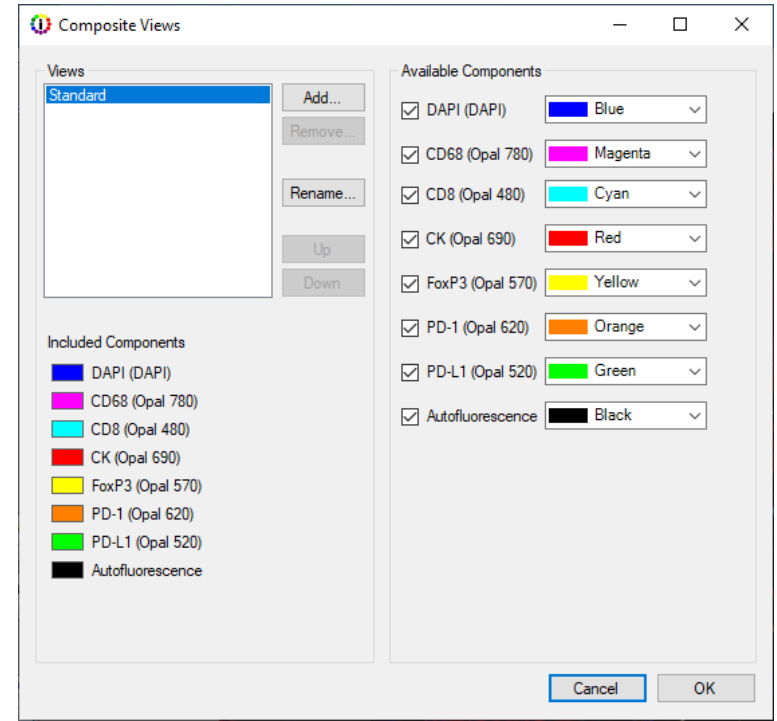
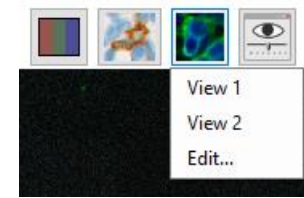


# CUSTOM COMPOSITE VIEWS

Customize how your composite views look in inForm. The composite editor allows you to toggle between multiple customized composites.

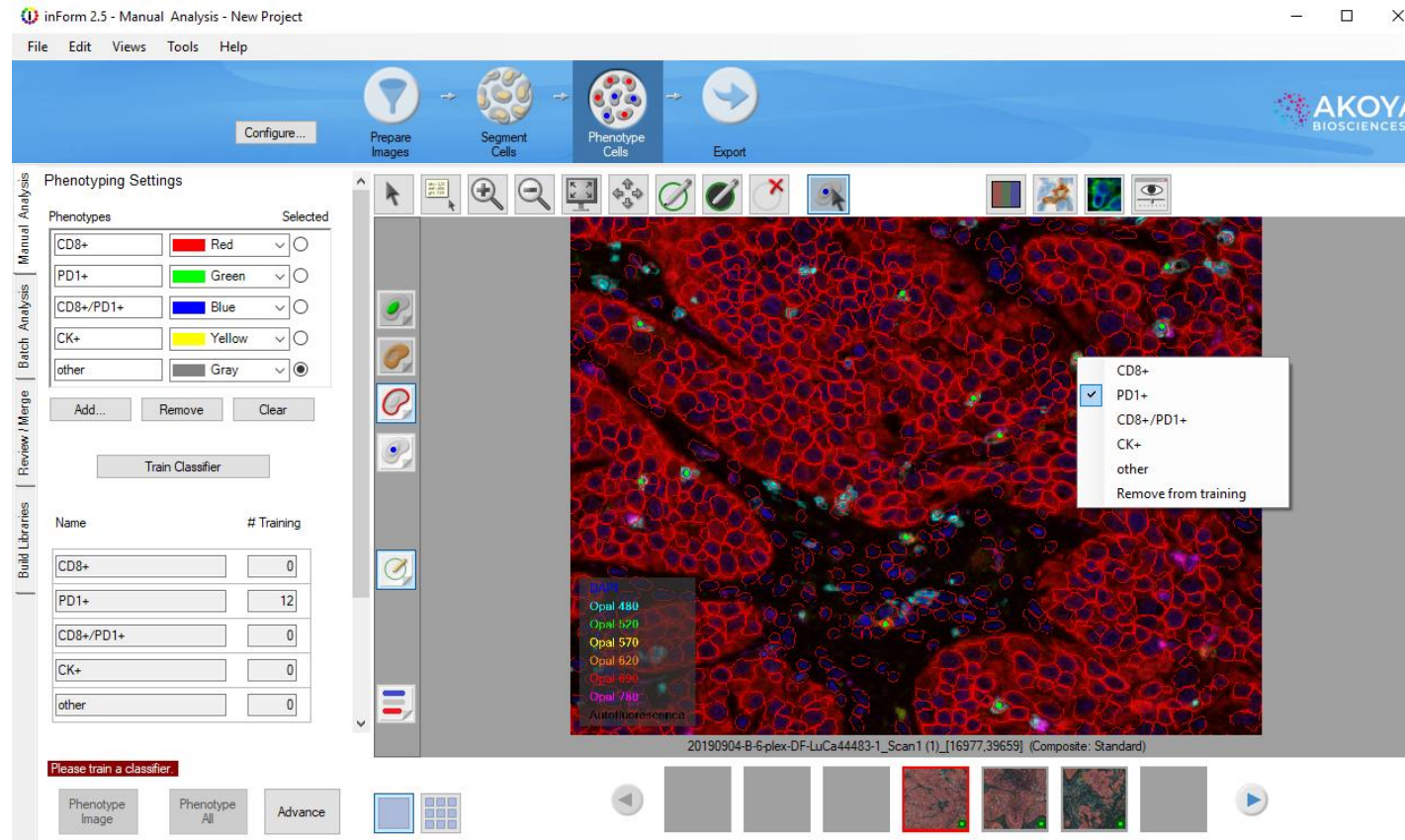
Select 'Edit...' from the composite button dropdown to bring up the Composite Views Editor.

- Add new views using the 'Add..' Button
- Select components and colors for the currently selected view.
- Prioritize where these views are listed in the dropdown using the Up and Down buttons



# COMPOSITE LEGEND

Composite imagery has an optional legend to display. Use the layer toolbar to turn the legend  on and off.



The screenshot displays the inForm 2.5 Manual Analysis software interface. The main window is titled "inForm 2.5 - Manual Analysis - New Project" and includes a menu bar (File, Edit, Views, Tools, Help) and a toolbar with icons for "Configure...", "Prepare Images", "Segment Cells", "Phenotype Cells", and "Export".

The "Phenotyping Settings" panel on the left is active, showing a list of phenotypes and their corresponding colors:

Phenotype	Color	Selected
CD8+	Red	<input type="radio"/>
PD1+	Green	<input type="radio"/>
CD8+/PD1+	Blue	<input type="radio"/>
CK+	Yellow	<input type="radio"/>
other	Gray	<input checked="" type="radio"/>

Below this list are buttons for "Add...", "Remove", and "Clear", and a "Train Classifier" button. A table below shows the training status for each phenotype:

Name	# Training
CD8+	0
PD1+	12
CD8+/PD1+	0
CK+	0
other	0

The main image area shows a composite fluorescence image of cells. A legend is overlaid on the image, listing the phenotypes and their colors: CD8+ (Red), PD1+ (Green), CD8+/PD1+ (Blue), CK+ (Yellow), and other (Gray). The legend is currently visible, as indicated by the checked box next to the legend icon in the toolbar.

At the bottom of the interface, there is a "Please train a classifier." message and buttons for "Phenotype Image", "Phenotype All", and "Advance".

# EXPORTING WITH COMPOSITES

Segmentation, Phenotyping, and Scoring Maps all export on the currently active composite image.

When exporting the composite image, you can include or omit the legend using the Legend drop down.

## Export Settings

Export Directory

### Image export options

Image Output Format:

Images to export:

- RGB
- Composite with Tissue Segmentation Map
- Composite with Cell Segmentation Map
- Composite with Phenotype Map
- Composite with Scoring Map
- Composite with All Segmentation Maps
- Composite Image

Legend

Component Images (multi-image TIFF)


Maps to export:

- Segmentation Maps (multi-image TIFF)
- Phenotype Map

### Tables To Export

- Tissue Segmentation Data
- Cell Segmentation Data
- Score Data

### Table Fields To Export

Export all fields  Use view settings 

### File name options

In case of file name conflict:

- Overwrite existing files
- Rename new files

Directory Structure:

Copy  level(s) of directory structure from source image