

Random dimming issue

- Process: setting areas to define an exclusion model using multiple samples.
- I tend to choose 3-4 samples, and then apply the model to all the samples I have opened.
- Problem: The brightness of particular images drops and returns to full intensity without obvious explanation.
- Changing the magnification or putting the area selection tool and drawing on the image can return it to full brightness, sometimes.

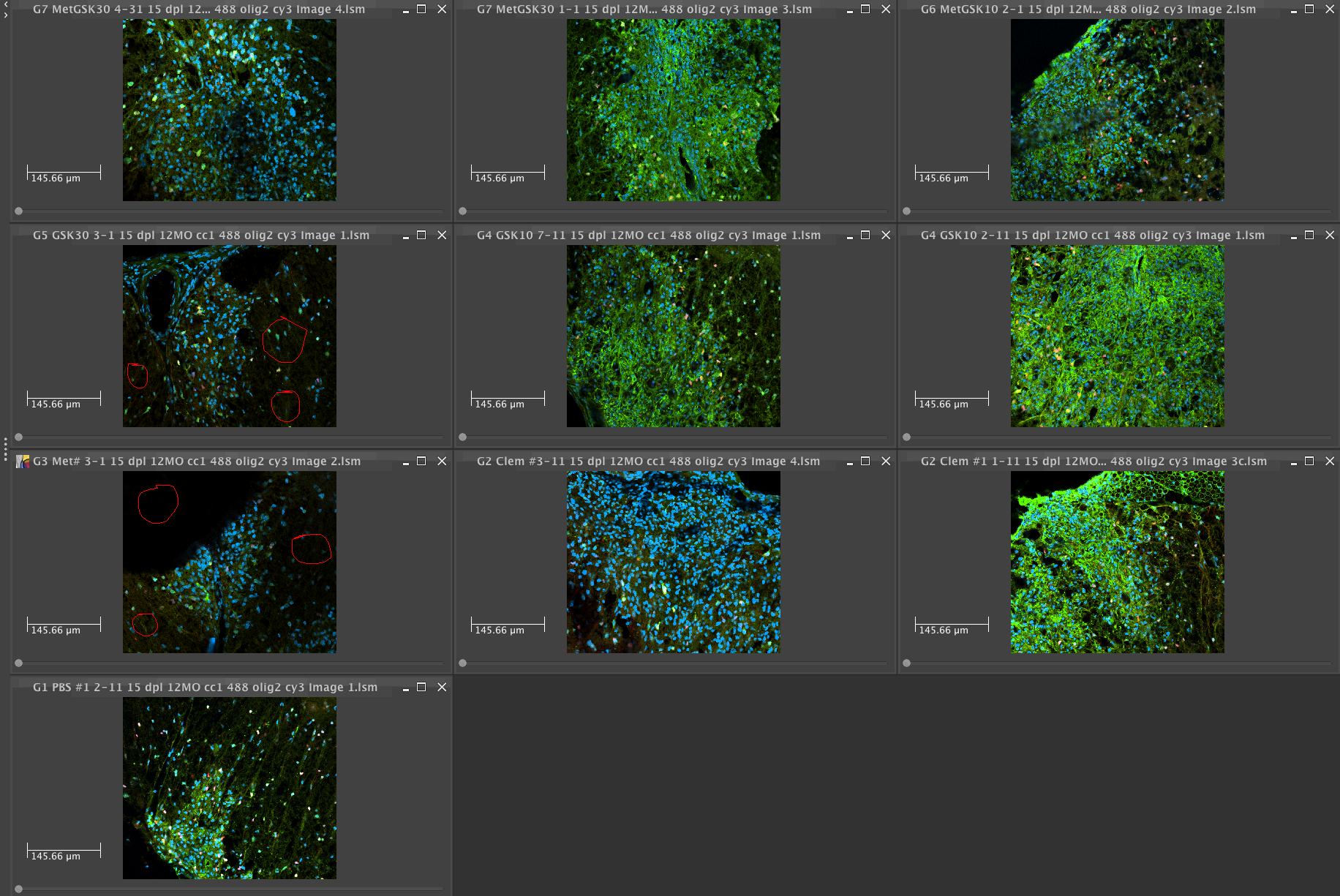
Orbit Image Analysis

Orbit Image Edit Model Exclusion Model Classification Object Detection ROI Mask Batch Tools View Help

Setup Classes Setup Eraser Polygon Circle Rectangle Train, Set and Apply Apply Exclusion Model Configure Exclusion Classes Exclusion Model Level Load and Set (Local) Load and Set (Server) Set from Model Explorer Reset Exclusion Model Help

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1% 50% 100% 300% 500%

Adjustments Container File Annotations

Gamma: 1.00

Contrast: 100

Brightness: 0

RGB Channels:

- red 0
- green 0
- blue 0

Fluorescence Channels:

- Ch1-T1 1.00
- Ch3-T2 1.00
- Ch2 GaAsP-T3 1.00

Color Deconvolution

H&E

Disable Stain 1 Stain 2 Comp

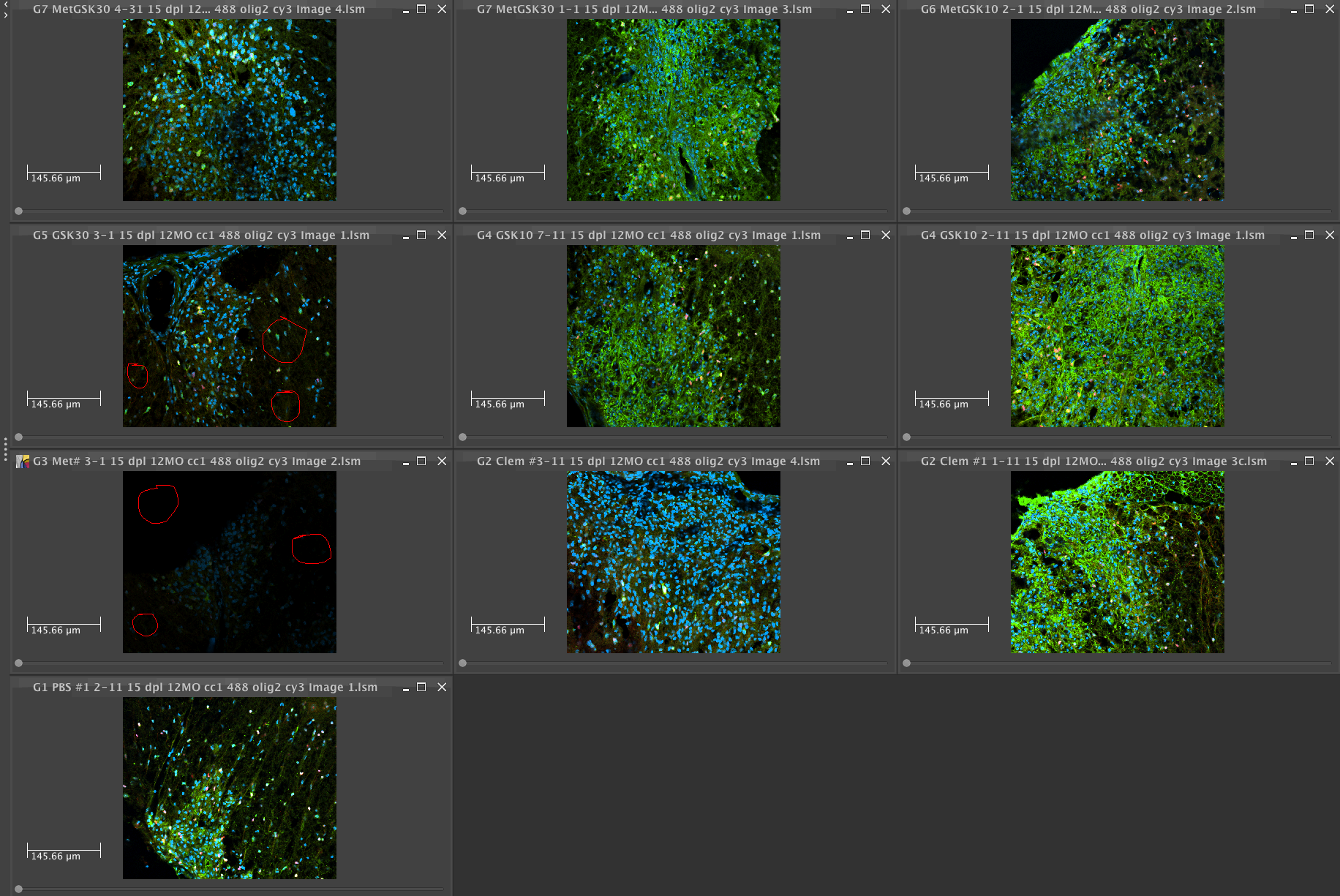
reset values save adjustments

100% 400% 700% 1000%

Orbit Image Analysis menu and toolbar:

- Orbit: Setup Classes, Setup
- Image: Eraser, Polygon, Circle, Rectangle
- Edit: Draw
- Model: Train, Set and Apply
- Exclusion Model: Apply Exclusion Model
- Classification: Configure Exclusion Classes
- Object Detection: Exclusion Model Level
- ROI: Load and Set (Local), Load and Set (Server)
- Mask: Set from Model Explorer
- Batch: Reset Exclusion Model
- Tools: Help
- View: Help

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Adjustments and Model Explorer panel:

- Zoom: 1%, 50%, 100%, 300%, 500%
- Adjustments: Container, File, Annotations
- Gamma: 1.00
- Contrast: 100
- Brightness: 0
- RGB Channels: red (0), green (0), blue (0)
- Fluorescence Channels: Ch1-T1 (1.00), Ch3-T2 (1.00), Ch2 GaAsP-T3 (1.00)
- Color Deconvolution: H&E, Disable, Stain 1, Stain 2, Comp
- Buttons: reset values, save adjustments
- Zoom: 100%, 400%, 700%, 1000%