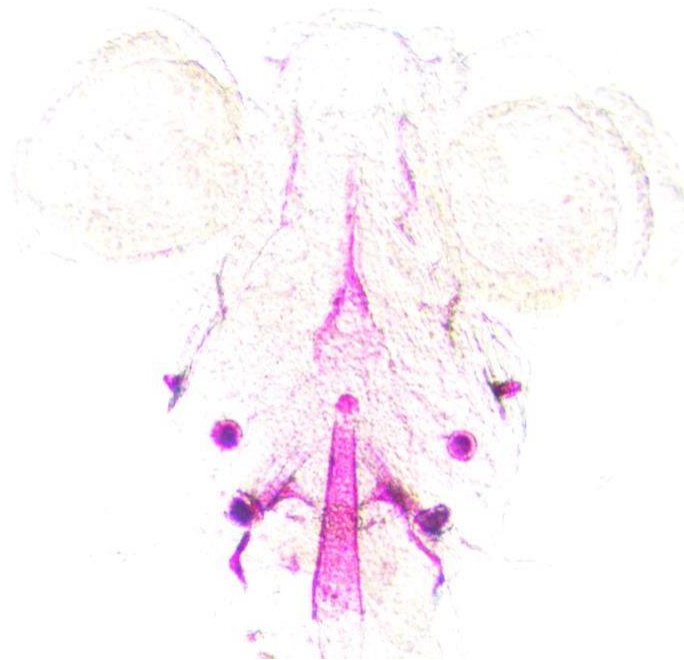


Supplemental file:

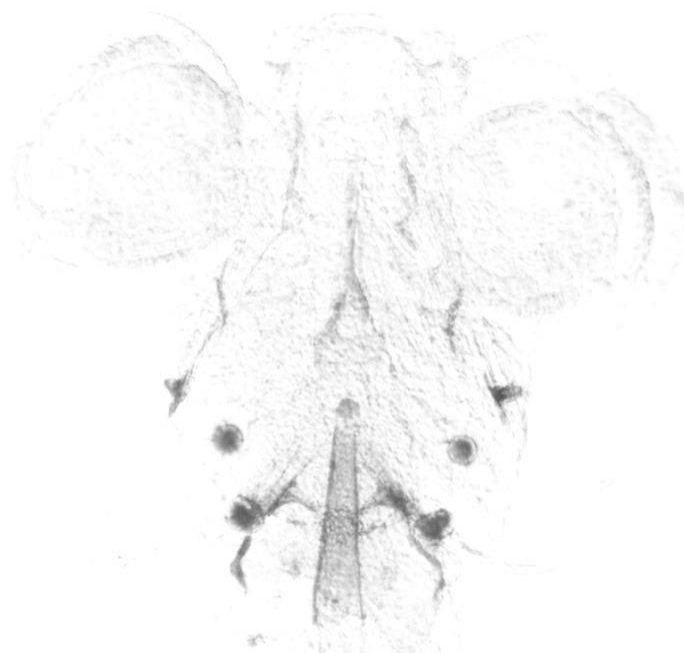
An example for ImageJ analysis, a single image represents one measurement.

1. Double-click **ImageJ** and analyze the image as follows.
 - 1.1. Click **File | Open** to open the images.



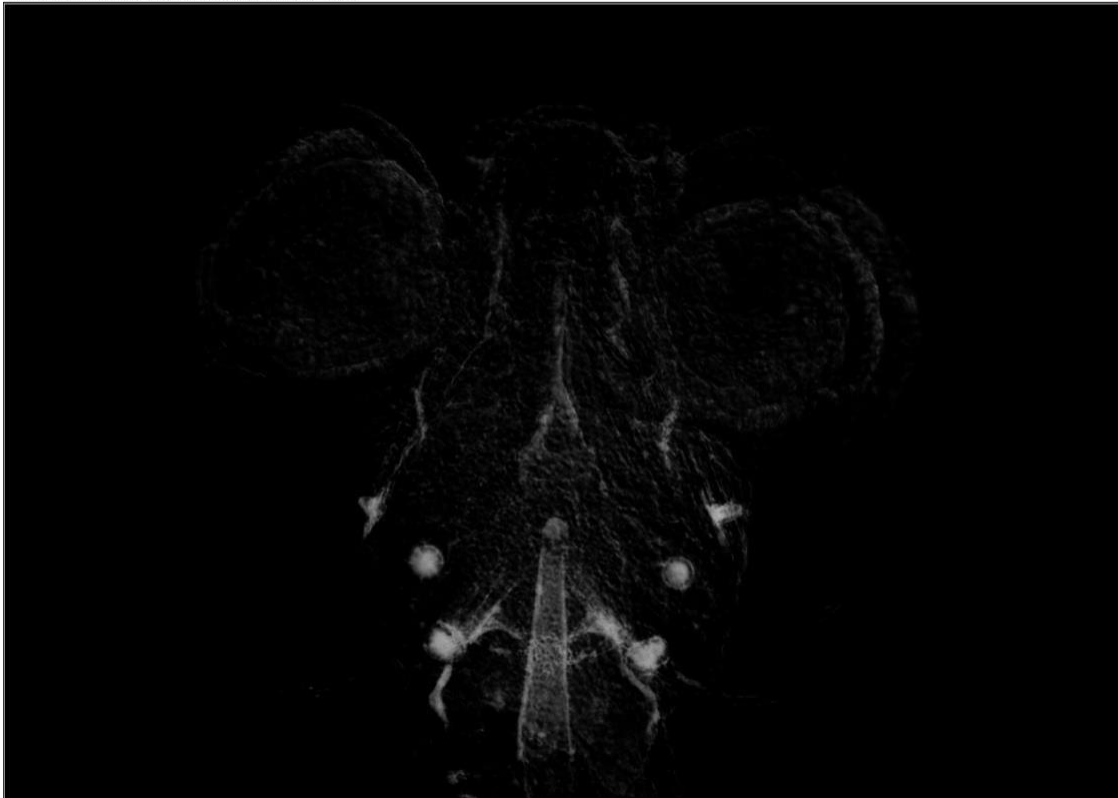
- 1.2. In the **Image** input box, type 8-bit.

11.0x8.5 inches (3300x2550); 8-bit; 8MB



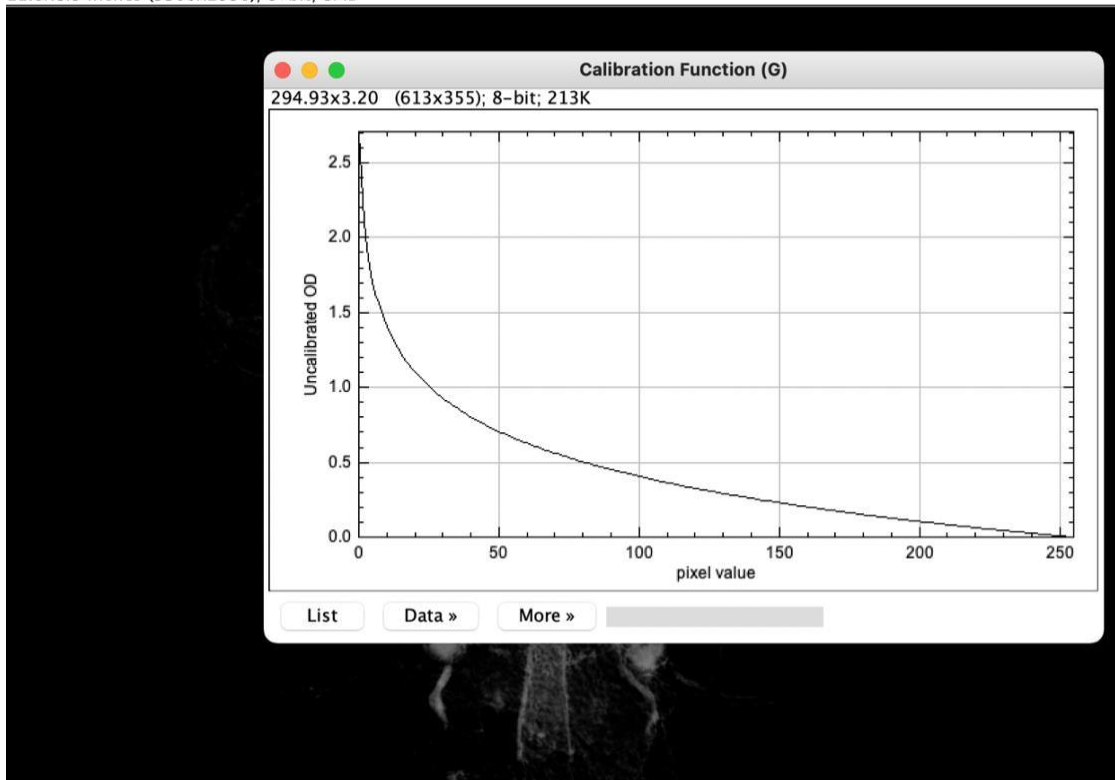
1.3. Click on **Edit | Invert**.

11.0x8.5 inches (3300x2550); 8-bit; 8MB

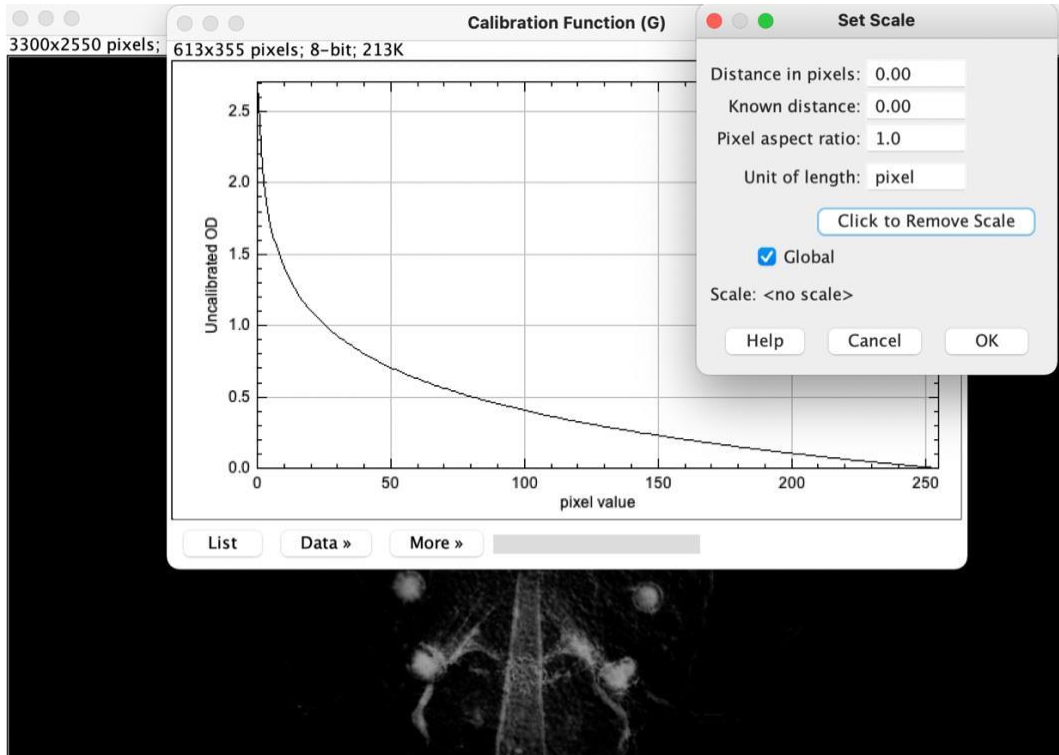


1.4. Click on **Analyze | Calibrate**, select **Uncalibrated OD** in the popup interface, check **Global calibration** at the bottom left of the lower interface, and click **OK**.

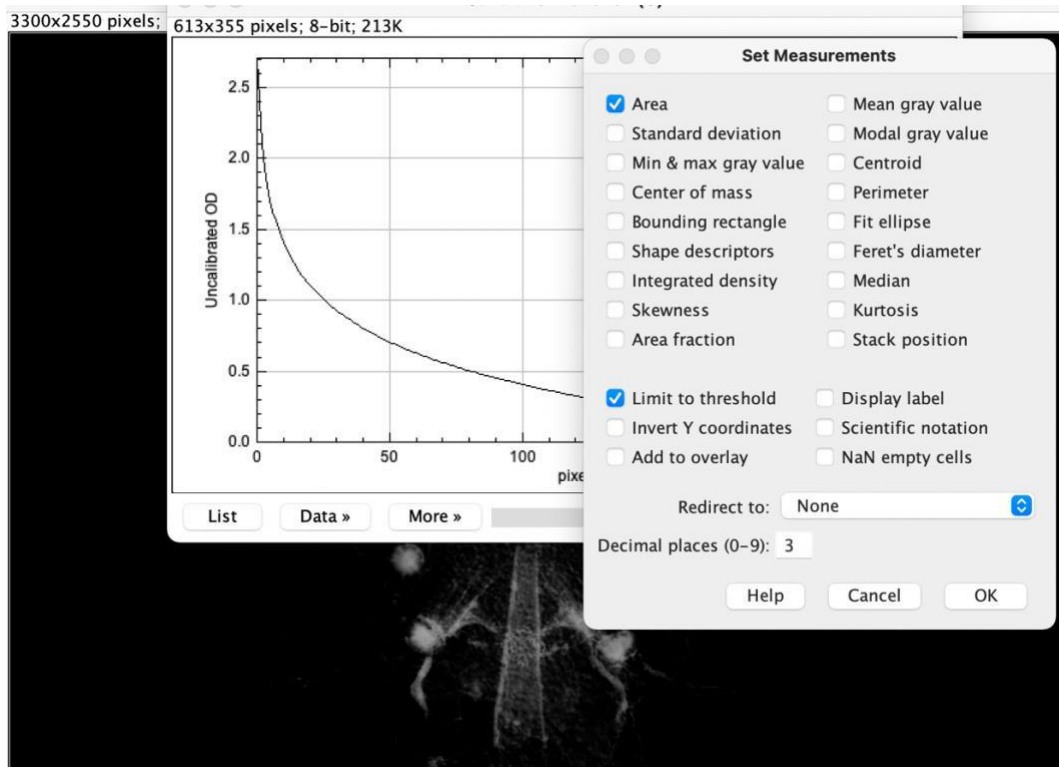
11.0x8.5 inches (3300x2550); 8-bit; 8MB



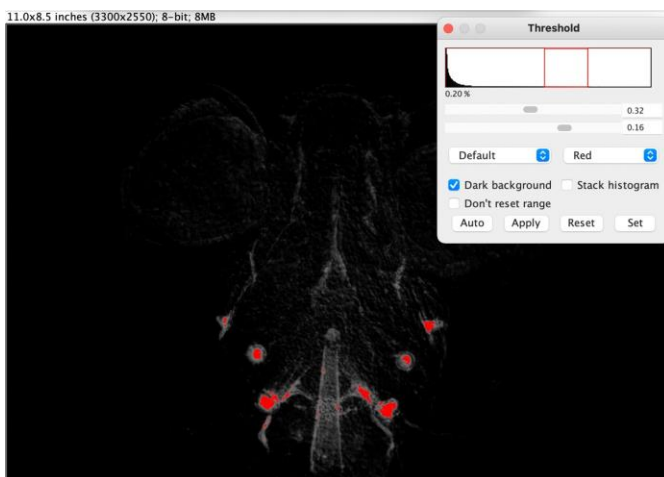
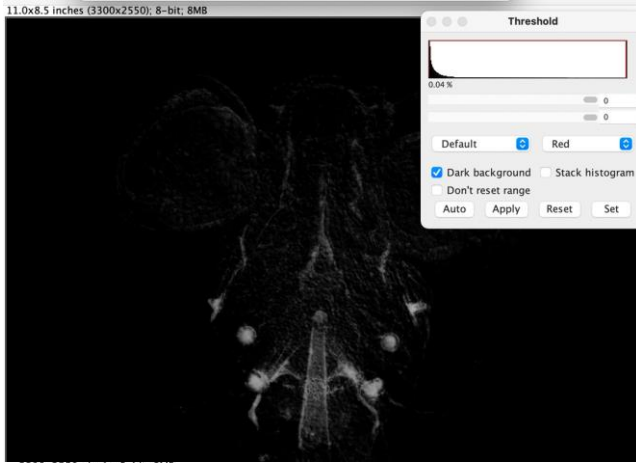
1.5. Click on **Analyze | Set Scale | Click to Remove scale** in the popup interface, check **Global** below, and click **OK**.



1.6. Click on **Analyze | Set Measurements**, select the item **area** in the popup interface, check the **Limit to threshold** below (to measure only the selected range), and click **OK**.



1.7. Click on **Image | Adjust | Threshold**, slide the slider in the middle of the popup interface to select the appropriate threshold for the measurement of all the targets, and click **Set**.



1.8. Click on **Analyze | Measure**.

3300x2550 pixels; 8-bit; 8MB

