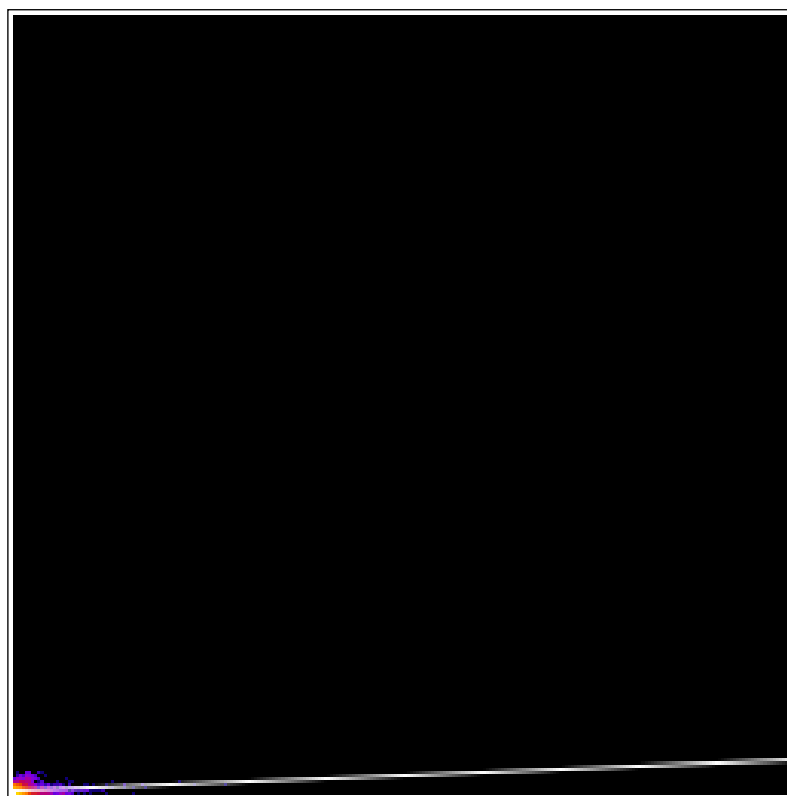


2D intensity histogram

256.0 x 256.0

Channel 2  
Overlay\_2h 17-1.tif (red)



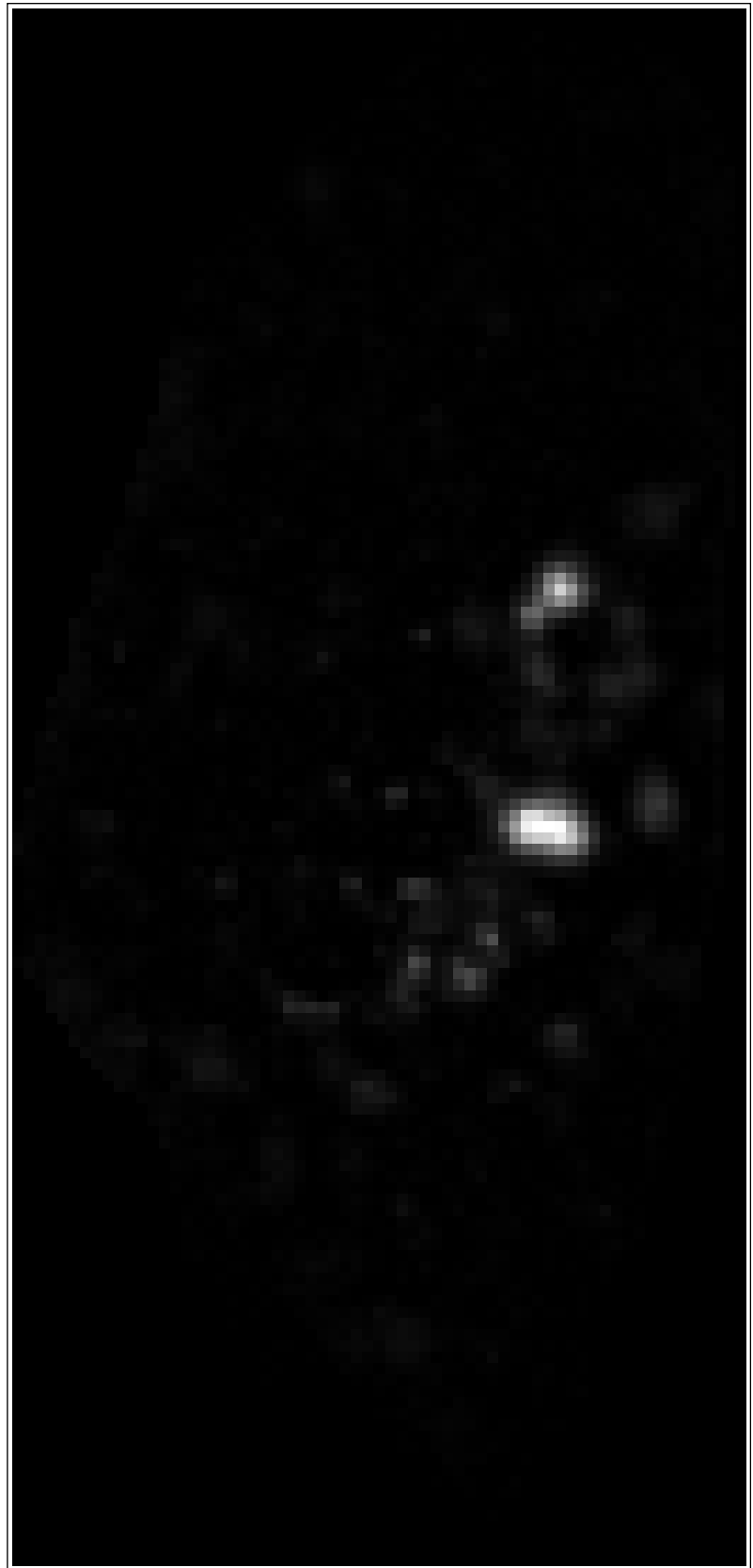
Channel 1  
Overlay\_2h 17-1.tif (green)

---

Channel 1 (Max Projection)

65.0 x 138.0

Channel 2  
Overlay\_2h 17-1.tif (red)

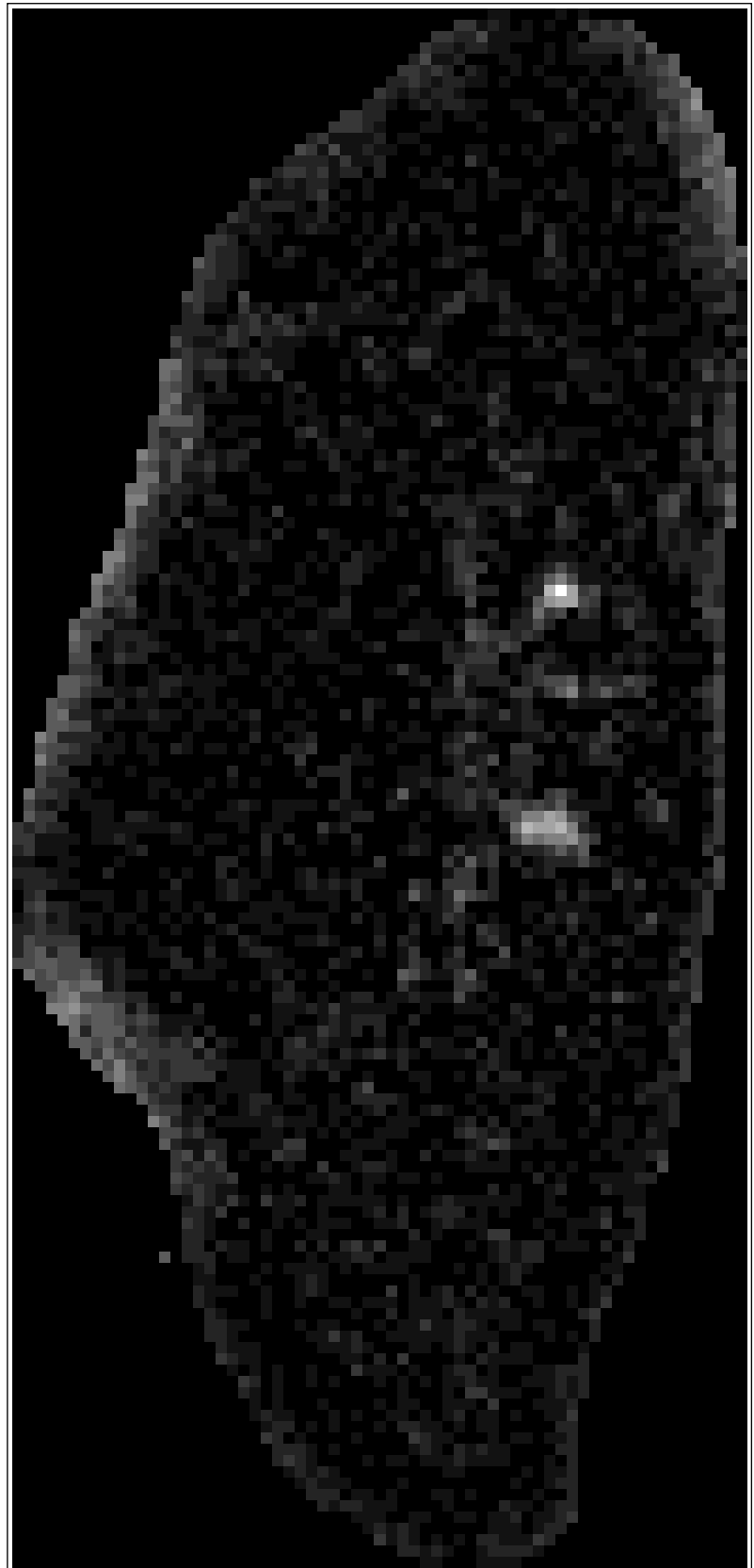


Channel 1  
Overlay\_2h 17-1.tif (green)

Channel 2 (Max Projection)

65.0 x 138.0

Channel 2  
Overlay\_2h 17-1.tif (red)



Channel 1  
Overlay\_2h 17-1.tif (green)

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.44. Maybe you should use a ROI.

Warning! y-intercept far from zero - The ratio of the y-intercept of the auto threshold regression line to the mean value of Channel 2 is high. This means the y-intercept is far from zero, implying a

significant positive or negative zero offset in the image data intensities. Maybe you should use a ROI. Maybe do a background subtraction in both channels. Make sure you didn't clip off the low intensities to zero. This might not affect Pearson's correlation values very much, but might harm other results.

Warning! Threshold of ch. 2 too high - Too few pixels are taken into account for above-threshold calculations. The threshold is above the channel's mean.

Coloc\_Job\_Name: Colocalization\_of\_Overlay\_2h 17-1.tif (green)\_versus\_Overlay\_2h 17-1.tif (red)\_1818650232

% zero-zero pixels: 43.52

% saturated ch1 pixels: 0.02

% saturated ch2 pixels: 0.02

Channel 1 Max: 230.000

Channel 2 Max: 14.000

Channel 1 Min: 0.000

Channel 2 Min: 0.000

Channel 1 Mean: 2.580

Channel 2 Mean: 0.721

Channel 1 Integrated (Sum) Intensity: 23139.000

Channel 2 Integrated (Sum) Intensity: 6465.000

Mask Type Used: none

Mask ID Used: 1818650232

m (slope): 0.05

b (y-intercept): 0.60

b to y-mean ratio: 0.83

Ch1 Max Threshold: 2.00

Ch2 Max Threshold: 1.00

Threshold regression: Bisection

Pearson's R value (no threshold): 0.42

Pearson's R value (below threshold): -0.09

Pearson's R value (above threshold): 0.32

Spearman's rank correlation value: 0.41260546

Spearman's correlation t-statistic: 42.8951

t-statistic degrees of freedom: 8968.000