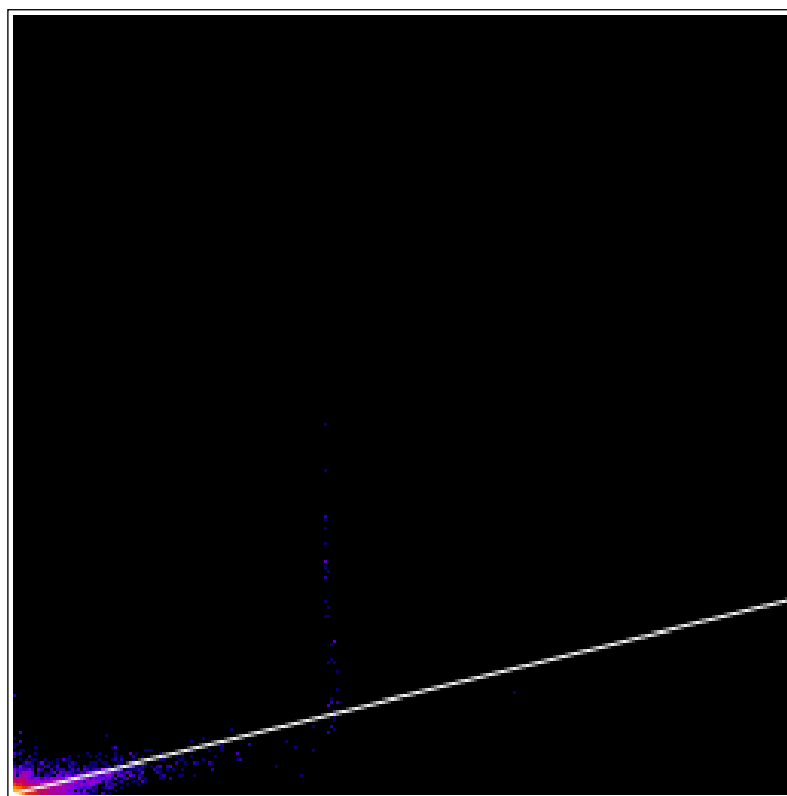Colocalization_of_Overlay_3.pdf

2D intensity histogram

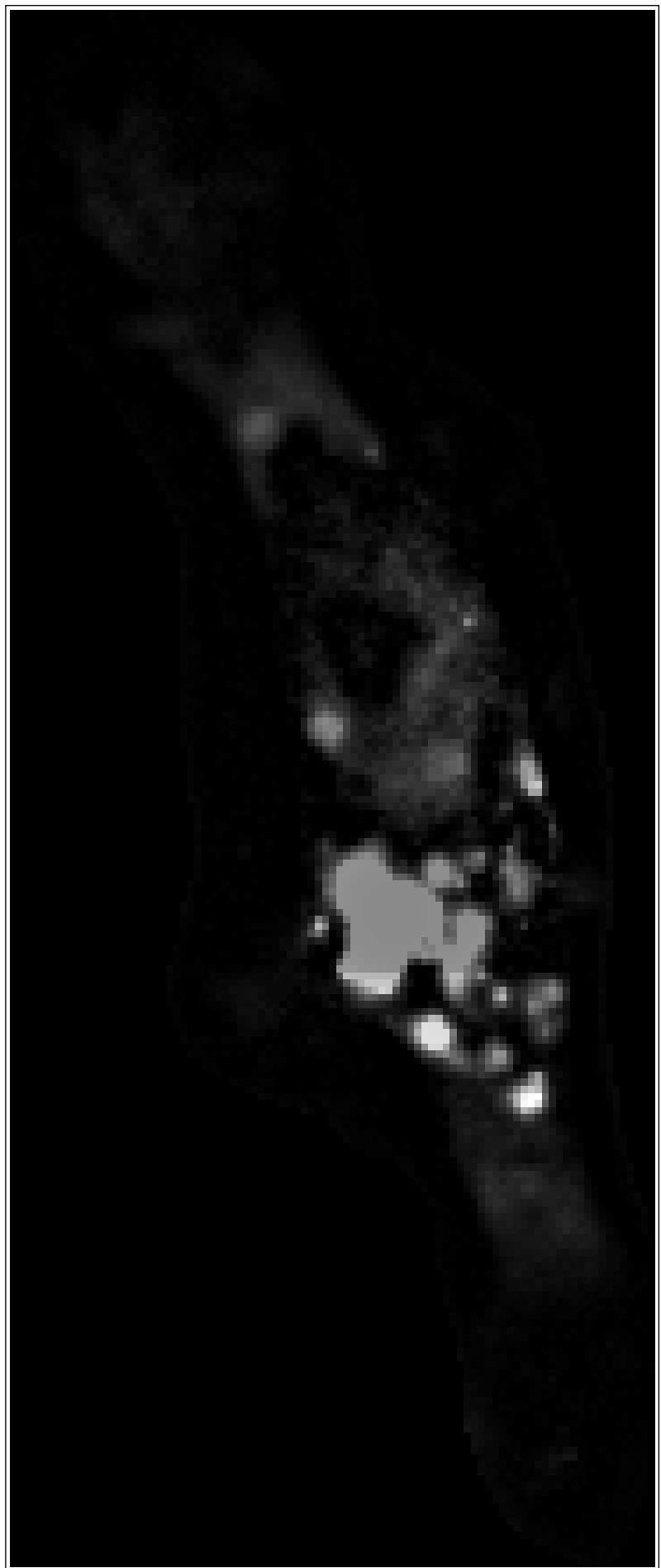256.0 x 256.0

Channel 2
Overlay_2h 3-1.tif (red)

Channel 1
Overlay_2h 3-1.tif (green)

Channel 1 (Max Projection)

91.0 x 220.0
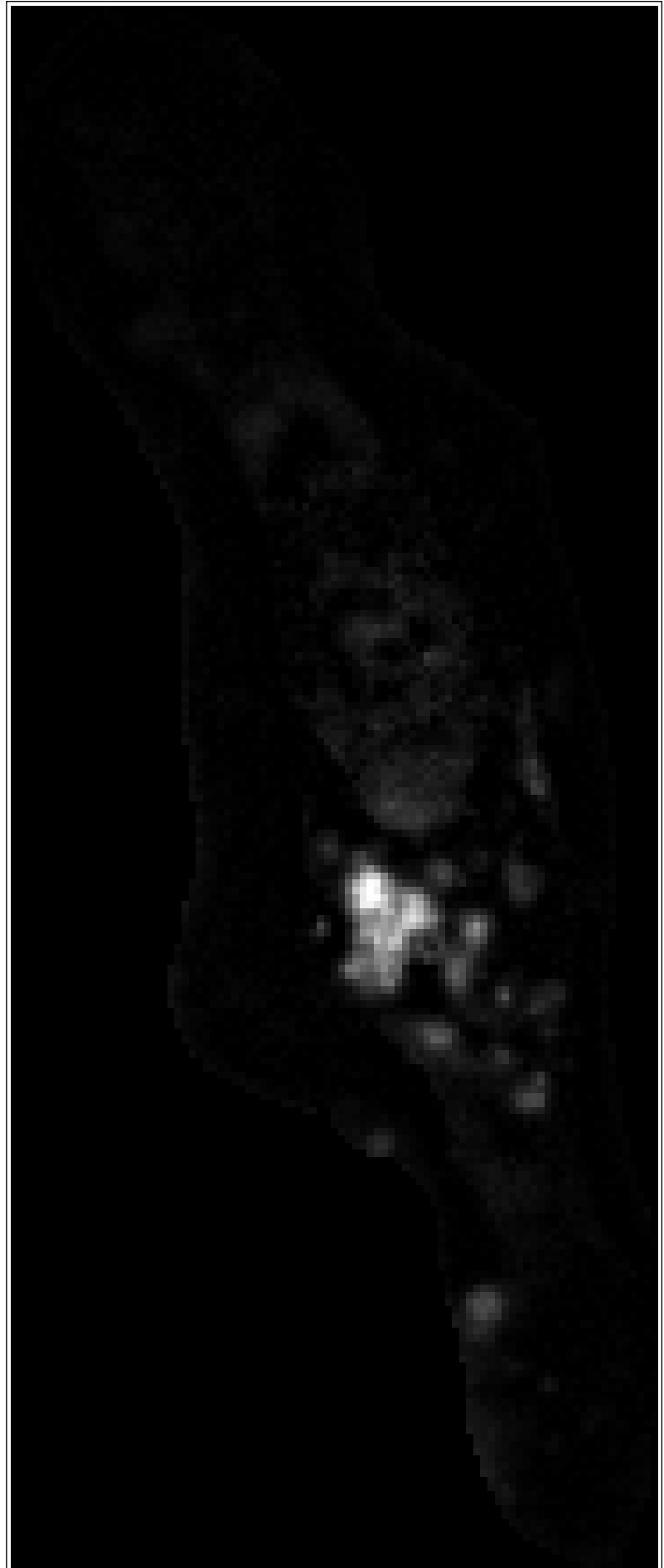
Channel 2
Overlay_2h 3-1.tif (red)

Channel 1
Overlay_2h 3-1.tif (green)

Channel 2 (Max Projection)

91.0 x 220.0

Channel 2
Overlay_2h 3-1.tif (red)

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.61. Maybe you should use a ROI.

Coloc_Job_Name: Colocalization_of_Overlay_2h 3-1.tif (green)_versus_Overlay_2h 3-1.tif (red)_188923837

% zero-zero pixels: 61.15

% saturated ch1 pixels: 0.01

% saturated ch2 pixels: 0.01

Channel 1 Max: 188.000

Channel 2 Max: 122.000

Channel 1 Min: 0.000

Channel 2 Min: 0.000

Channel 1 Mean: 5.482

Channel 2 Mean: 1.863

Channel 1 Integrated (Sum) Intensity: 109754.000

Channel 2 Integrated (Sum) Intensity: 37297.000

Mask Type Used: none

Mask ID Used: 188923837

m (slope): 0.34

b (y-intercept): 0.01

b to y-mean ratio: 0.01

Ch1 Max Threshold: 1.00

Ch2 Max Threshold: 1.00

Threshold regression: Bisection

Pearson's R value (no threshold): 0.77

Pearson's R value (below threshold): -0.03

Pearson's R value (above threshold): 0.72

Spearman's rank correlation value: 0.74747484

Spearman's correlation t-statistic: 159.2022

t-statistic degrees of freedom: 20018.000