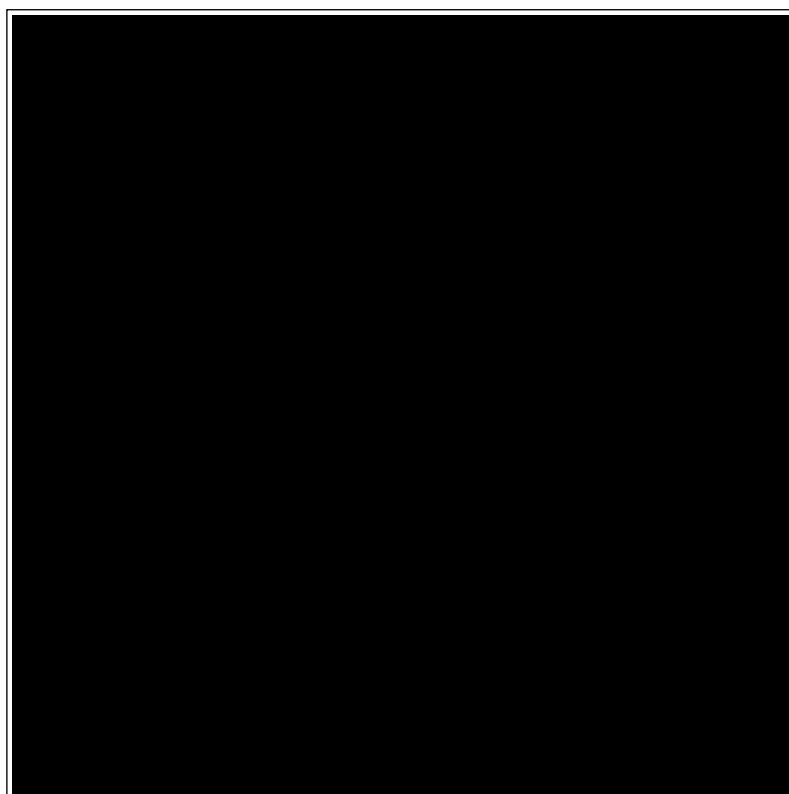


Colocalization_of_Snap-2763-2.jpg (red)_versus_Snap-2763-2.jpg (green)_27793953-1.pdf

Li - Ch1

256.0 x 256.0

Channel 2
Snap-2763-2.jpg (green)

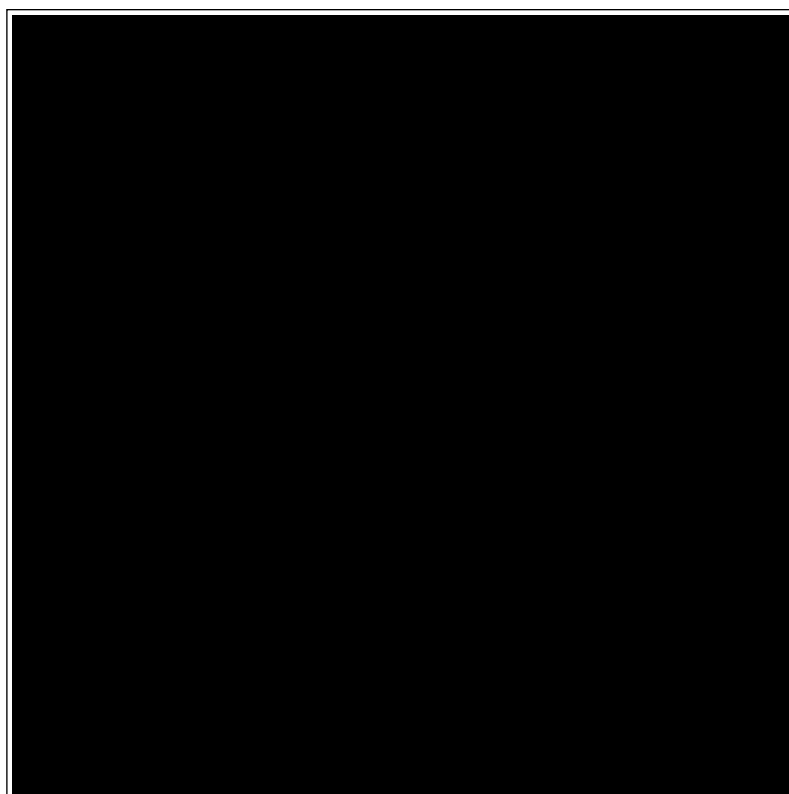


Channel 1
Snap-2763-2.jpg (red)

Li - Ch2

256.0 x 256.0

Channel 2
Snap-2763-2.jpg (green)

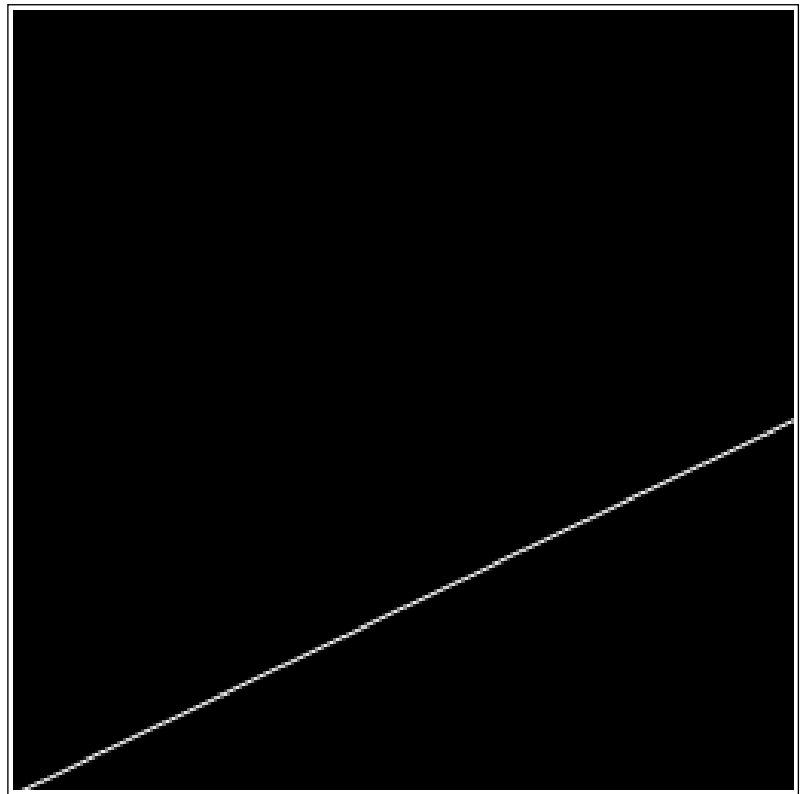


Channel 1
Snap-2763-2.jpg (red)

2D intensity histogram

256.0 x 256.0

Channel 2
Snap-2763-2.jpg (green)

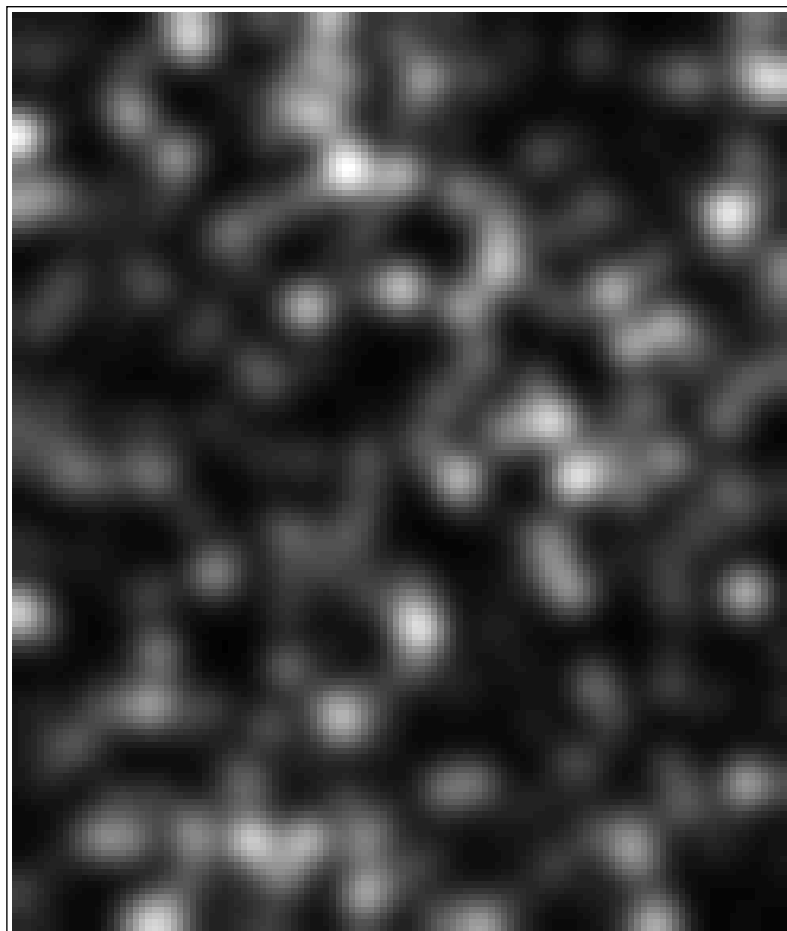


Channel 1
Snap-2763-2.jpg (red)

Smoothed & shuffled channel 1

123.0 x 145.0

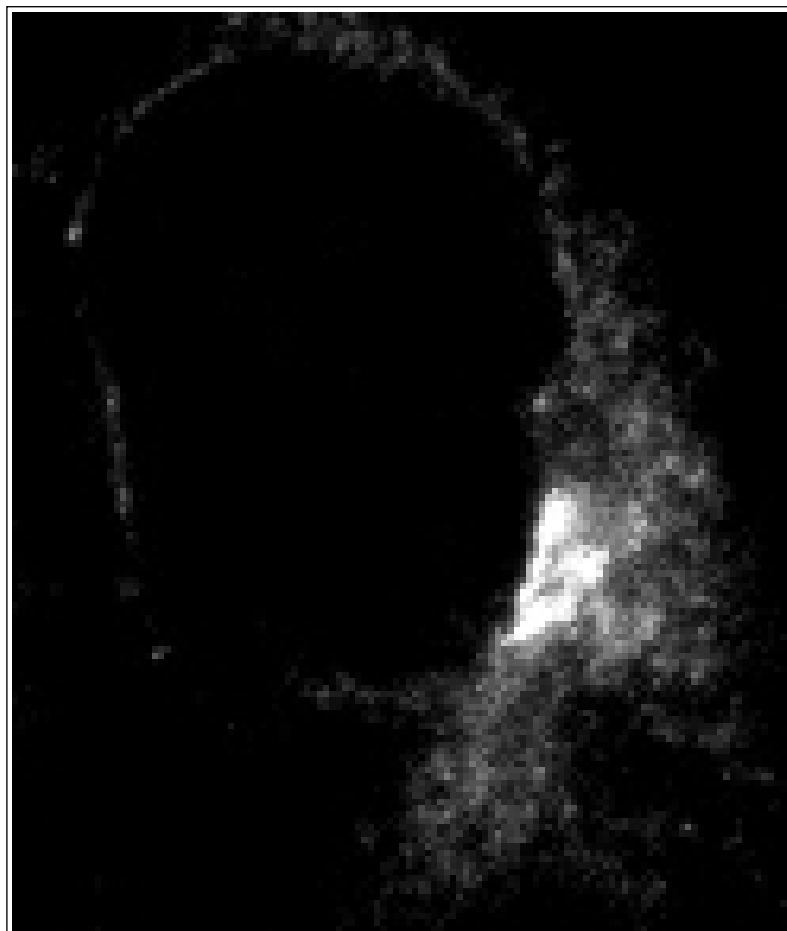
Channel 2
Snap-2763-2.jpg (green)



Channel 1
Snap-2763-2.jpg (red)

Channel 1 (Max Projection)
123.0 x 145.0

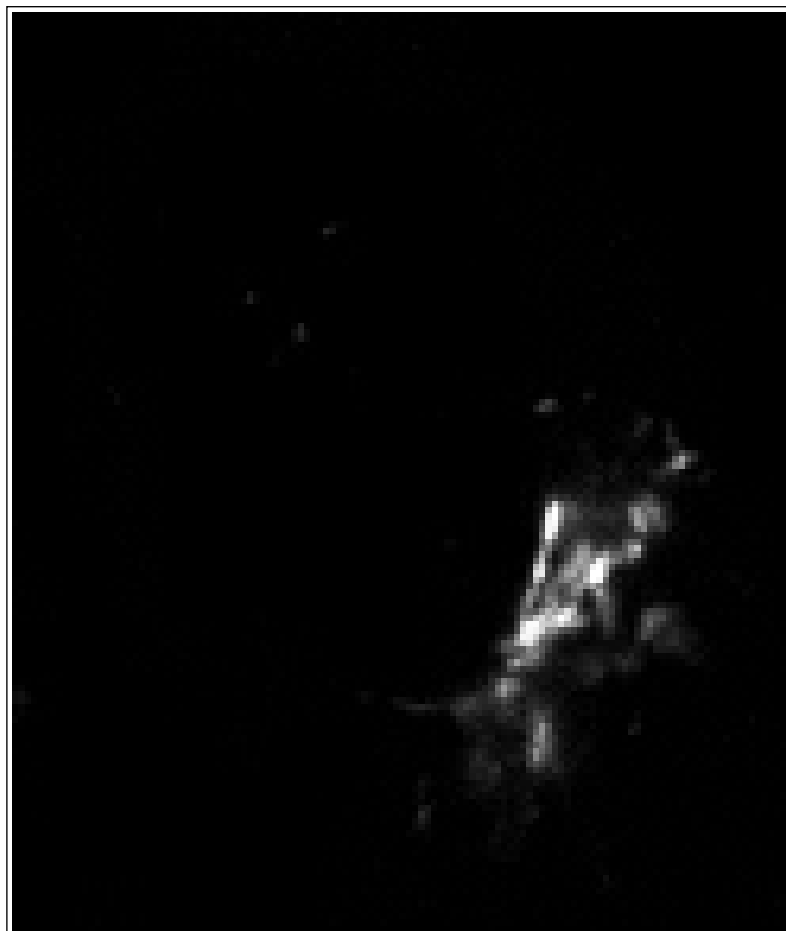
Channel 2
Snap-2763-2.jpg (green)



Channel 1
Snap-2763-2.jpg (red)

Channel 2 (Max Projection)
123.0 x 145.0

Channel 2
Snap-2763-2.jpg (green)



Channel 1
Snap-2763-2.jpg (red)

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.60. 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! thresholds too low - The auto threshold method could not find a positive threshold, so thresholded results are meaningless. Maybe you should try classic thresholding.

Coloc_Job_Name: Colocalization_of_Snap-2763-2.jpg (red)_versus_Snap-2763-2.jpg (green)_27793953

% zero-zero pixels: 60.49

% saturated ch1 pixels: 0.26

% saturated ch2 pixels: 0.07

Channel 1 Max: 255.000

Channel 2 Max: 255.000

Channel 1 Min: 0.000

Channel 2 Min: 0.000

Channel 1 Mean: 11.941

Channel 2 Mean: 3.615

Channel 1 Integrated (Sum) Intensity: 212974.000
Channel 2 Integrated (Sum) Intensity: 64471.000
Mask Type Used: none
Mask ID Used: 27793953
m (slope): 0.48
b (y-intercept): -2.17
b to y-mean ratio: -0.60
Ch1 Max Threshold: 2.00
Ch2 Max Threshold: 0.00
Threshold regression: Bisection
Pearson's R value (no threshold): 0.77
Pearson's R value (below threshold): 0.13
Pearson's R value (above threshold): 0.76
Li's ICQ value: 0.383
Spearman's rank correlation value: 0.59079872
Spearman's correlation t-statistic: 97.7858
t-statistic degrees of freedom: 17833.000
Manders' M1 (Above zero intensity of Ch2): 0.795
Manders' M2 (Above zero intensity of Ch1): 0.978
Manders' tM1 (Above autothreshold of Ch2): 0.795
Manders' tM2 (Above autothreshold of Ch1): 0.968
Kendall's Tau-b rank correlation value: 0.5435
Costes P-Value: 1.00
Costes Shuffled Mean: -0.02
Costes Shuffled Std.D.: 0.05
Ratio of rand. Pearsons >= actual Pearsons value : 0.00