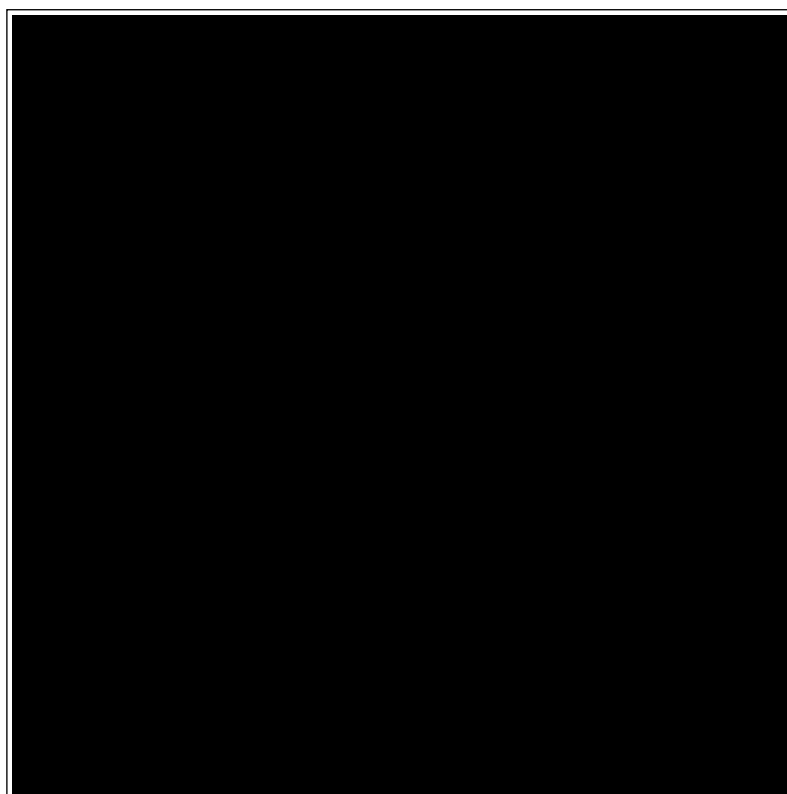


Colocalization_of_Snap-2763-5.jpg (red)_versus_Snap-2763-5.jpg (green)_24910032-1.pdf

Li - Ch1

256.0 x 256.0

Channel 2
Snap-2763-5.jpg (green)

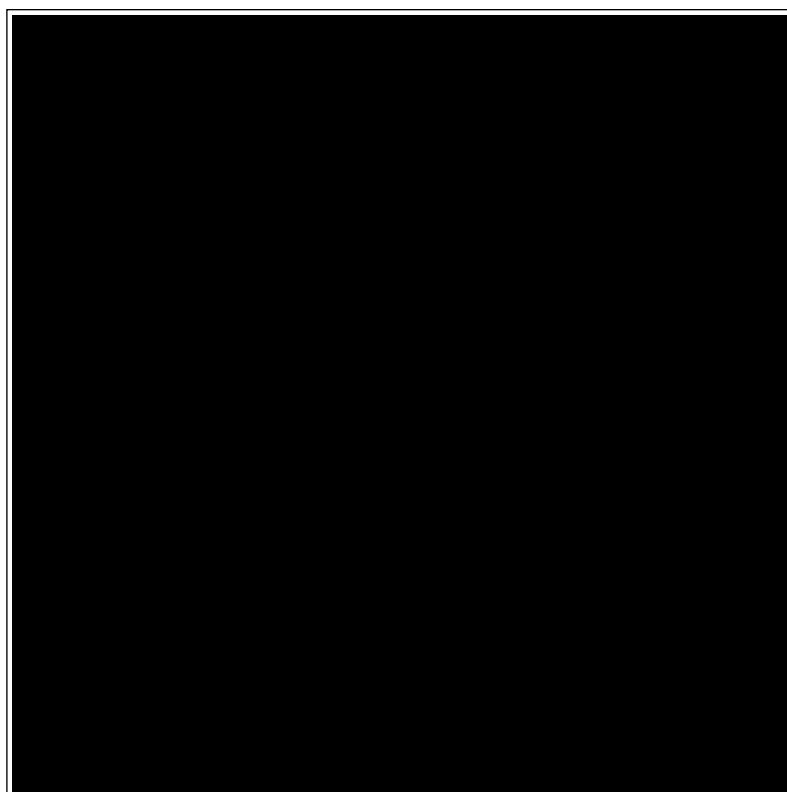


Channel 1
Snap-2763-5.jpg (red)

Li - Ch2

256.0 x 256.0

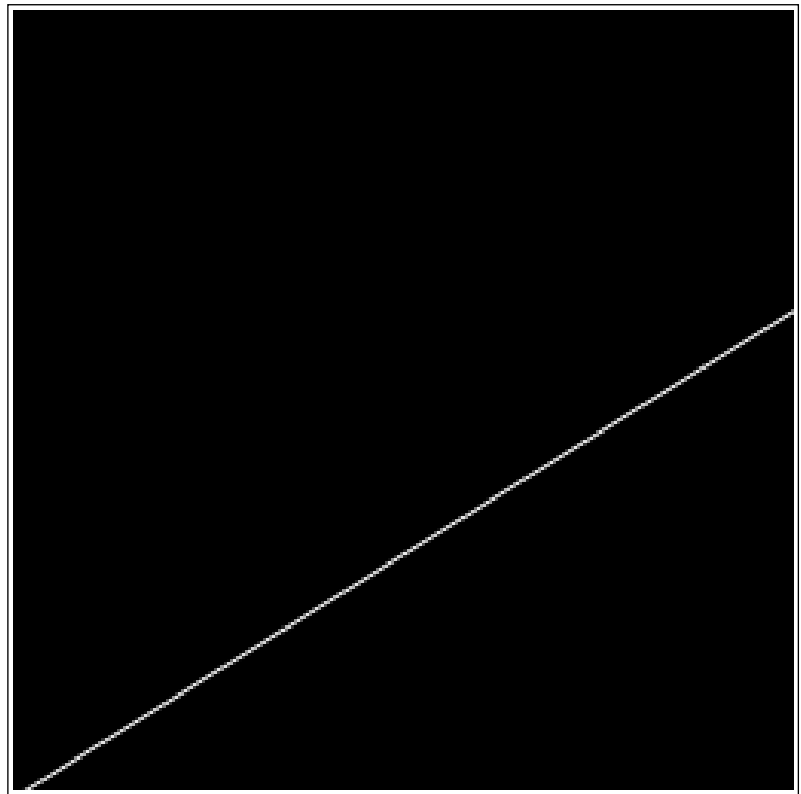
Channel 2
Snap-2763-5.jpg (green)



Channel 1
Snap-2763-5.jpg (red)

2D intensity histogram
256.0 x 256.0

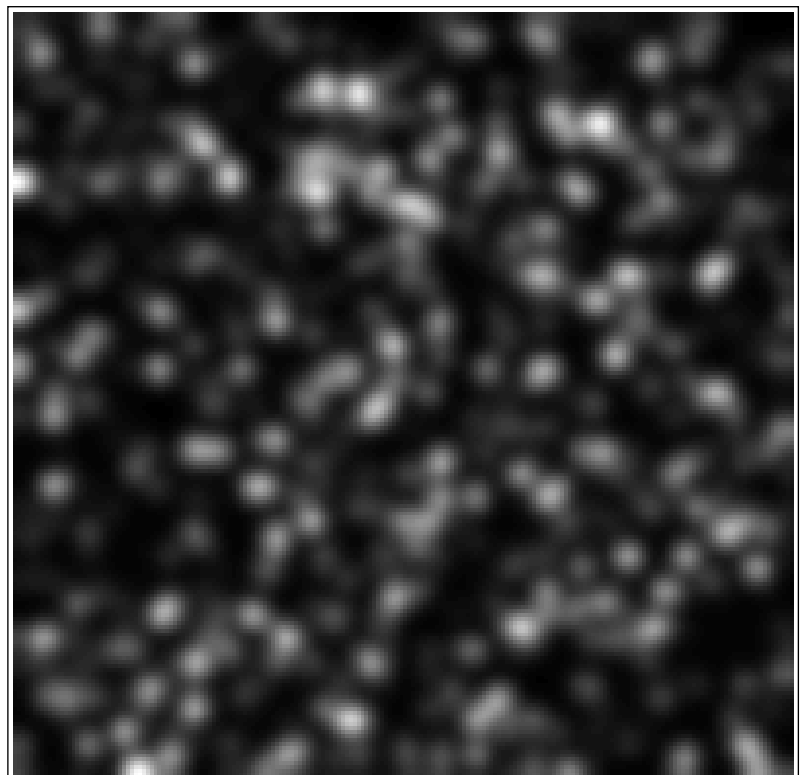
Channel 2
Snap-2763-5.jpg (green)



Channel 1
Snap-2763-5.jpg (red)

Smoothed & shuffled channel 1
200.0 x 196.0

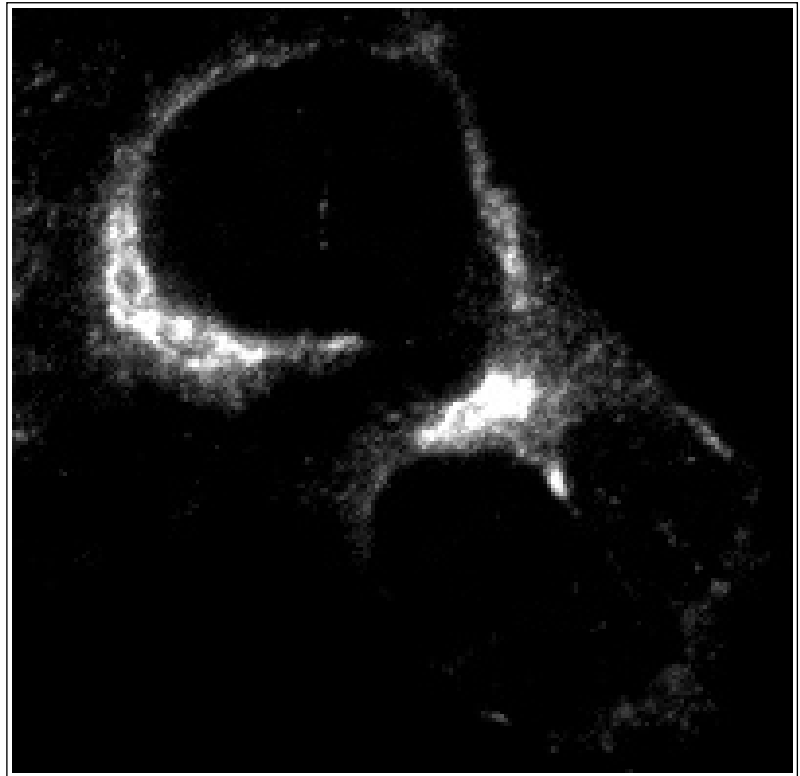
Channel 2
Snap-2763-5.jpg (green)



Channel 1
Snap-2763-5.jpg (red)

Channel 1 (Max Projection)

200.0 x 196.0

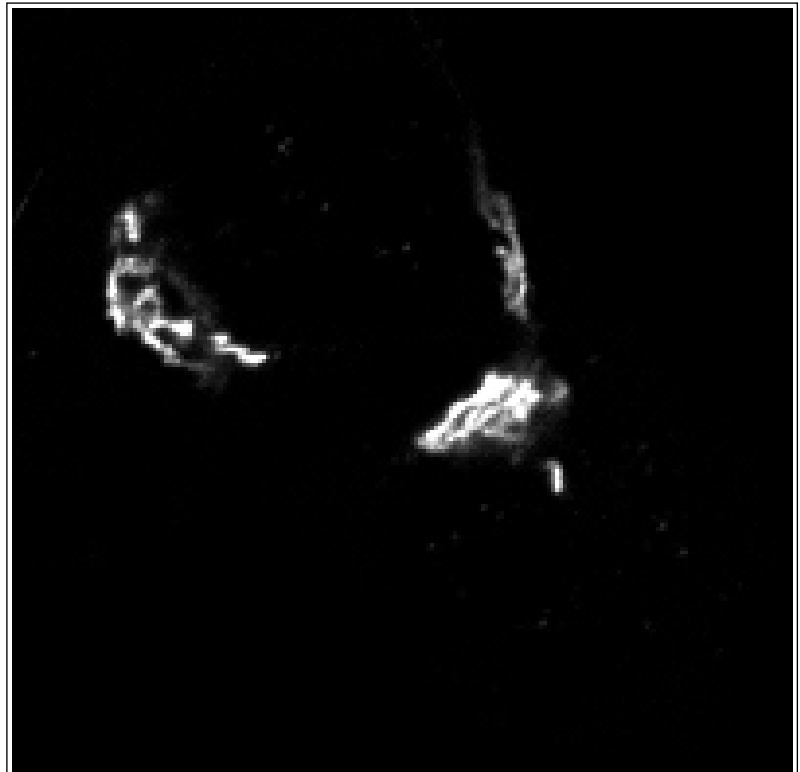


Channel 2
Snap-2763-5.jpg (green)

Channel 1
Snap-2763-5.jpg (red)

Channel 2 (Max Projection)

200.0 x 196.0



Channel 2
Snap-2763-5.jpg (green)

Channel 1
Snap-2763-5.jpg (red)

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.63. 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-2763-5.jpg (red)_versus_Snap-2763-5.jpg (green)_24910032

% zero-zero pixels: 62.63

% saturated ch1 pixels: 0.59

% saturated ch2 pixels: 0.36

Channel 1 Max: 255.000

Channel 2 Max: 255.000

Channel 1 Min: 0.000

Channel 2 Min: 0.000

Channel 1 Mean: 12.861

Channel 2 Mean: 4.936

Channel 1 Integrated (Sum) Intensity: 504144.000

Channel 2 Integrated (Sum) Intensity: 193503.000

Mask Type Used: none

Mask ID Used: 24910032

m (slope): 0.63

b (y-intercept): -3.14

b to y-mean ratio: -0.64

Ch1 Max Threshold: 2.00

Ch2 Max Threshold: 0.00

Threshold regression: Bisection

Pearson's R value (no threshold): 0.81

Pearson's R value (below threshold): 0.13

Pearson's R value (above threshold): 0.80

Li's ICQ value: 0.388

Spearman's rank correlation value: 0.54615397

Spearman's correlation t-statistic: 129.0822

t-statistic degrees of freedom: 39198.000

Manders' M1 (Above zero intensity of Ch2): 0.783

Manders' M2 (Above zero intensity of Ch1): 0.980

Manders' tM1 (Above autothreshold of Ch2): 0.783

Manders' tM2 (Above autothreshold of Ch1): 0.971

Kendall's Tau-b rank correlation value: 0.5061

Costes P-Value: 1.00

Costes Shuffled Mean: -0.01

Costes Shuffled Std.D.: 0.04

Ratio of rand. Pearsons $\geq$ actual Pearsons value : 0.00