Analysis Sequence "LysoTr-AV-updated-1550*"

Input Image	Input
	Channel group : 1 **Sequences :** ALL **Flatfield Correction :** Advanced Brightfield Correction **Stack Processing :** Individual Planes

Find Nuclei	Input	Method	Output
	Channel : DAPI **ROI :** None	**Method :** B Common Threshold : 0.4 Area : > 20 µm² Splitting Coefficient : 3.1 Individual Threshold : 0.4 Contrast : > 0.1	Output Population : Nuclei

Calculate Intensity Properties (2)	Input	Method	Output
	Channel : DAPI **Population :** Nuclei **Region :** Nucleus	**Method :** Standard Mean Sum	Property Prefix : Intensity Nucleus DAPI

Select Population	Input	Method	Output
	Population : Nuclei	**Method :** Filter by Property Intensity Nucleus DAPI Mean : < 6000	Output Population : Nuclei Selected

Find Image Region	Input	Method	Output
	Channel : 561nm **ROI :** None	**Method :** Absolute Threshold Lowest Intensity : ≥ 1550 Highest Intensity : ≤ inf Area : > 0 µm²	Output Population : Image Region Output Region : Image Region

Calculate Intensity Properties	Input	Method	Output
	Channel : 561nm **Population :** Image Region **Region :** Image Region	**Method :** Standard Mean Sum	Property Prefix : LysoTr 561nm Intensity

Define Results	Results
	Method : List of Outputs **Population : Nuclei**

Number of Objects

Population : Image Region
LysoTr 561nm Intensity Sum : Sum

Method : Formula Output
Formula : a/b
Population Type : Objects
Variable a : Image Region - LysoTr 561nm Intensity Sum Sum
Variable b : Nuclei - Nuclei Selected Sum
Output Name : LysoTr Intensity Sum / Neuron

Object Results
Population : Nuclei : ALL
Population : Nuclei Selected : None
Population : Image Region : ALL