Supplemental Figure 4

Input Data

<u>For TIFF files input</u>. create a folder (*Junctions_tiff*) and save inside Z-stack images separately for each junction in subfolder (*Junction1, 2, etc.*).

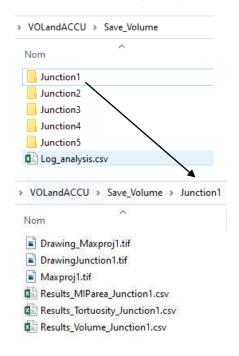


<u>For proprietary format files</u>: create a folder (*Junctions_lif*) and save inside single files for each junction.

>	$VOLandACCU \ \Rightarrow \ Junctions_lif$
	Nom
	🗶 Ga6HOJ1.lif
	🗶 Ga6HOJ2.lif
	🗶 Ga6HOJ3.lif
	🗶 Ga6HOJ4.lif
	🗶 Ga6HOJ5.lif

Output Data

<u>For the Volume macro (Macro_NMJ_VOL)</u>: create a folder (*Save_Volume*) in which the macro will save single subfolders containing the data of each analyzed junction.



Each subfolder contains the images of the junction and the results datasheet. An additional *.csv* file is created with a summary of the results in the root folder (*Log_analysis.csv*).

For the Accumulation macro (Macro NMJ ACCU): create a folder $(Save_Accu)$ in which the macro will save the detection of the junction, a maximal projection and datasheets containing the results. An additional .csv file is created containing a summary of the results.

VOLandACCU > Save_Accu
Nom
Drawing_BTX_junction1.tif
Drawing_SV2_junction1.tif
Maxproj_crop_junction1.tif
Results_Volume_BTX_junction1.csv
Results_Volume_SV2_junction1.csv