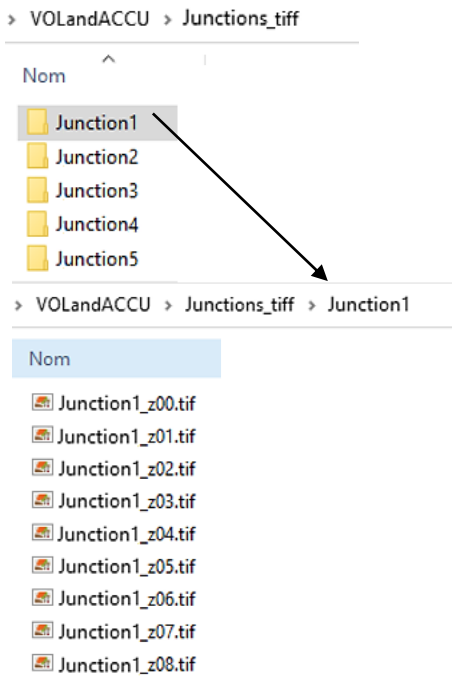
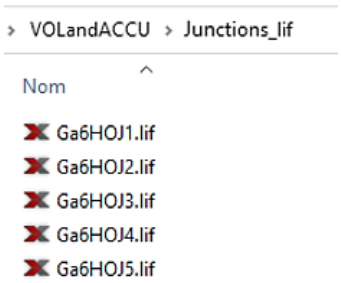
Supplemental Figure 4

Input Data

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

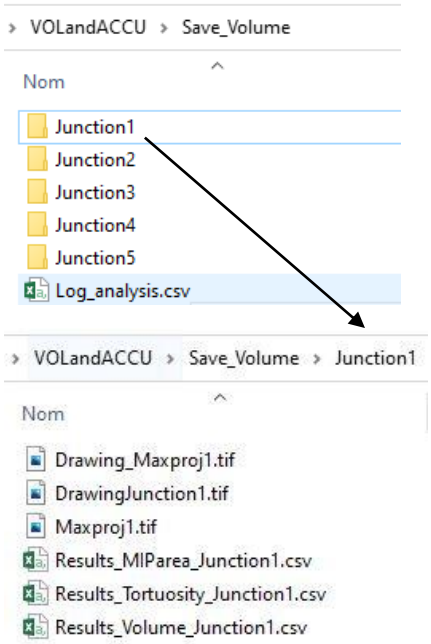


For proprietary format files: create a folder (*Junctions_lif)* and save inside single files for each junction.



Output Data

For the Volume macro (Macro_NMJ_VOL): 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.