

Output Help

The **Tracked Images** directory path is optional. If it is not supplied, the data will be written to the **Segmented Images** directory by default. The cell tracker will write all of the outputs into that folder that includes: (1) The globally labeled masks where each cell is labeled with a unique ID number that identify that cell from frame to frame these masks can be explored using Explore Tracking, (2) Matrices saved in a csv format that holds the tracking indexing outputs: the birth and death of each cell, when a mother cell divides and the number of its daughters in the division matrix, the confidence index associated with every cell tracked, the fusion matrix that shows the numbers of cells or colonies that fused together and formed the fused cell or colony area and the apoptosis vector that shows cell death. For more detailed description please refer to section Results Tab.

All **common names** inputs are optional and can be used to specify specific images within a folder. For example, if a folder contains a sequence of images similarly named to *segmented_image_001.tif*, the common name could be defined as *segmented_image_* or *segmented_* or *segm* or *_image_* etc.