

Whole Lung Analysis User Manual

1. Obtain the CODE files and place them all in the same folder. The following file MUST be included to work:
 - a. *WholeLungMasterFile.m*
 - b. *wholelunganalysis.m*
 - c. *lungtumorID.m*
 - d. *lungtumorfill.m*
 - e. *lungboundaryID.m*
 - f. *drawlungboundry.m*
2. If you lost some of these files, they are available at:
<https://github.com/rwuengrcancercolonyid/CrossSectionAnalysis>
3. Open the *WholeLungMasterFile.m* file in MATLAB.
4. Line 5 indicates the directory of the image you wish to analyze
 - a. Change this directory to match the directory of the image you want to analyze.
5. Line 7 indicates the directory location of the image you wish to analyze
 - a. Change the file name to match the image you wish to analyze
 - b. Include the type of file (ex: 'my-lung-image.JPG')
 - c. The lung MUST be on a green background
6. Hit Run