Instructions for GC analysis using CellProfilerTM

Introduction: CellProfilerTM is a free software for image analysis. To use the program a pipeline with desired algorithms must be imported. Below are the instructions for our germinal center analysis pipeline.

1. Open cell profiler v2.2.0 on a Macbook Pro, macOS Sierra version 10.12.3 or similar.

2. Import the GCCounter pipeline.

3. Drag and drop a RGB TIFF file into cell profiler.

4. Click analyse.

5. Encircle germinal centers.

6. Encircle the entire lymph node.

7. Finished.

8. Use lymf.jar to merge your documents to analyse data.