**Settings used for angiogenesis quantification in Extended Data Figures 7k and 9f:**

Minimum object size: 100 pixels

Minimum brunch size: 25 pixels

Artifactual loop size: 1000 pixels

Isolated element size threshold: 50 pixels

Master segment size threshold: 100 pixels

Iteration number: 3 interations

Show interation for single analysis: 3 interations